# 153-157 Walker Street, North Sydney

## BASIX Compliance Report

| | |
|---|---|
| Project No. | P01748 |
| Revision | 03 |
| Issued | 8th Aug 2025 |
| Client | Freecity |

E-LAB Consulting
Where Engineering and Science Inspire Design.

# Issue And Revision Record

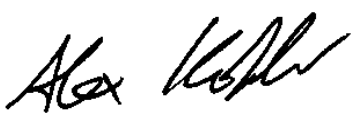
| Revision | Date | Comments | Engineer | Reviewer |
|---|---|---|---|---|
| 01 | 30.06.2025 | Issue for TOA | MR | NA |
| 02 | 03.07.2025 | Issue for SSDA | MR | NA/AK |
| 03 | 07.08.2025 | Issue for SSDA | MR | NA/AK |
| 04 | | | | |

The building's energy and water performance are computed using the online BASIX tool and an energy model developed for thermal comfort and provides only an estimation and potential performance of the building.

This cannot be used alone to determine performance in actual practice as they are based on the idealised version of the building which does not and cannot fully consider all the complexities of the building's maintenance and operation.



**E-LAB Consulting**



**Alex Kobler | Director**

**Sustainability**

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We recognise the Traditional Custodians of the land on which the proposed development will be constructed. We respect their enduring cultural and spiritual connections to the land and waters, and celebrate their knowledge, kinship, and values. We acknowledge that these connections to the land and waters have existed for millennia and will continue into the future. We respect the Elders who have gone before, together with those of today for their guidance on our shared journey. We recognise that we are, and always will be, on Aboriginal land.

# Executive Summary

E-LAB Consulting are engaged by Freecity to provide BASIX compliance consultancy for the residential portion of the development at 153-157 Walker Street, North Sydney. The intent of this report is to confirm the minimum requirements to satisfy the legislated minimum BASIX requirements for certification. This report is in accordance with the Secretary's Environmental Assessment Requirements (SEARs), and in support of the State Significant Development Application (SSD-82599709) for the proposed development.

**E-LAB have assessed the development and confirm that based on the design of the residential portion of the 153-157 Walker Street, North Sydney and the inputs provided to BASIX, the proposal is positioned to comply with the requirements of BASIX. The information and performance required to achieve this is contained within this report**

This report outlines the results of the BASIX assessment; and details of how each section is independently meeting minimum legislated BASIX benchmarks using various sustainability opportunities the development is considering for BASIX certification. The minimum compliance requirements are per the below:

*Table 1: BASIX Summary*

| Area | Minimum Compliance Requirement | Project Score |
|---|---|---|
| Energy | 63% | 63% |
| Water | 40% | 41% |
| Thermal Comfort | Pass | Pass |
| Material Index | No Target | -79 |

Note: Percentages stated for Energy and Water are the percentage improvement upon the NSW average dwelling's consumption.

# 1 Introduction

## 1.1 Purpose

This report has been prepared by E-LAB Consulting (E-LAB) at the request of Freecity. Its purpose is to demonstrate compliance with the minimum legislated BASIX benchmarks for certification. It highlights the inputs and development requirements for the BASIX compliance.

**This report has found that based on the design of the residential portion of the 153-157 Walker Street, North Sydney development and the inputs provided to BASIX, the proposal is positioned to comply with the requirements of BASIX.**

## 1.2 Site Location

The project is located at 153-157 Walker Street, North Sydney. The site is located just north of Sydney's CBD. The immediate surrounding of the site is a mix of mid and high-rise residential buildings with retail tenancies.

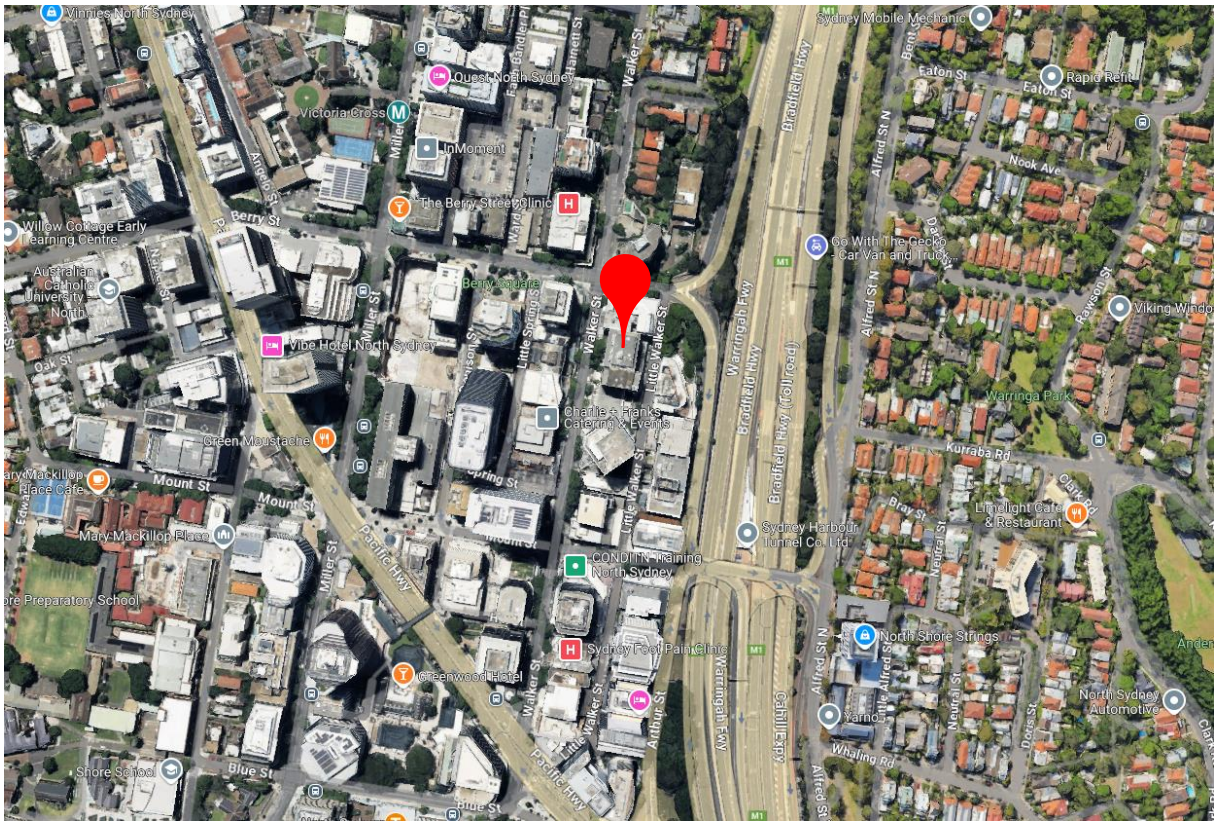



*Figure 1: Site Location (source: Google Maps)*

## 1.3 Design Documentation

This assessed is based on the Architectural Package provided by Cox Architecture issued as Issue 1 for SSDA Submission dated 27/67/2025

## 1.4 Project Overview

The proposed development of 153-157 Walker Street, North Sydney is a mixed-use residential building with a hotel and residential apartments.

The proposed development includes:

- Site preparation, including ground excavation and the demolition of existing structures at the site.
- Construction of a new fifty-one (51) storey mixed-use tower, which will accommodate:
    - Residential apartments, including a build-to-rent housing component.
    - Nine (9) affordable housing apartments equating to 3% of the total dwellings proposed.
    - A hotel that will be operated by one entity with a central management structure.
    - Ancillary lounge and wellness facilities.
    - Retail floorspace at ground level.
- Eleven (11) basement levels with car parking facilities and plant rooms to service the proposed development.
- One (1) loading zone at the Lower Ground Level.
- Vehicle access from Little Walker Street.
- Associated building plant, utilities and service connections.

# 2 BASIX Summary

## 2.1 Overview

BASIX Compliance is the minimum sustainability performance requirement in the state of NSW. It serves as the only pathway for compliance to demonstrate compliance with the National Construction Code, Part J.

E-LAB Consulting has completed modelling of all sections of the BASIX assessment; Water, Thermal Comfort and Energy for the 153-157 Walker Street, North Sydney development.

The BASIX outcome achieved based on the assumptions listed in the report and information provided to date are as follows:

*Table 2: BASIX Summary*

| Area | Minimum Compliance Requirement | Project Score |
|---|---|---|
| Energy | 63% | 63% |
| Water | 40% | 41% |
| Thermal Comfort | Pass | Pass |
| Material Index | No Target | -79 |

## 2.2 BASIX Certification Details

*Table 3: Project Summary*

| Category | Entry |
|---|---|
| Project Name | 153-157 Walker Street, North Sydney |
| Local Government Area | North Sydney Council |
| Plan Type | Strata Plan (SP) |
| Plan No. | 9/--/SP50411 |
| No. of Residential Buildings | 1 Building |
| Total Number of Units & Townhouses | 296 |
| Project Type | Residential Flat Buildings |
| BASIX Certificate Number | 1807394M |

## 2.3 Energy Modelling Software

Simulation method in BASIX has been used to show the thermal comfort compliance. For energy simulations, FirstRate5 (Version 5.5.5) has been used which is approved under Thermal comfort protocol of BASIX since March 2024. This method does not guarantee or warrantee the performance in practical world as it only considers a simplified and idealistic building.

# 3 BASIX Energy

## 3.1 Energy

The following minimum standards will be required to comply with the BASIX targets for the project.

*Table 4: BASIX Energy Requirements*

| Design Element | Compliance Criteria |
|---|---|
| Domestic hot water systems | Centralised electric heat pump (air sourced) with a 3.0 < COP <= 3.5 and minimum R1.0 insulation to internal and external pipework |
| Cooking | Induction cooktop & electric oven |
| Mechanical heating and cooling | Reverse cycle air-conditioning (1-Phase ducted) for all units living areas.<br>Minimum EER ratings – Cooling 3.5-4.0, Heating 3.5-4.0 |
| Apartment ventilation | Bathroom: individual fan, ducted to façade or roof – Manual on/off<br>Laundry: individual fan, open to façade or roof – Manual on/off<br>Kitchen range hood: Individual fan, open to façade or roof– Manual on/off |
| Apartment artificial lighting | LED throughout with dedicated fittings |
| Appliances in Apartments (minimum Energy Star rating) | Dishwashers: Minimum 4 Star Energy Rated (To all apartments)<br>Clothes Dryers: Minimum 2 Star Energy Rated (To all apartments) |
| Appliances in Common Areas (minimum Energy Star rating) | Clothes Washers: No common laundry facilities<br>Clothes Dryers: No common laundry facilities |
| Photovoltaic Array | Calculated 55 kW |
| Building Management System (BMS) | Yes |
| Vertical transport | All Lifts: gearless traction with VVVF motor and regenerative drive ( >= 1001 kg but <= 1500kg) |
| Outdoor Swimming Pool | Pool Heating System: Electric heat pump with a timer |

Common area Ventilation & artificial lighting

| Common area | Ventilation system type | Ventilation efficiency measure | Primary type of artificial lighting | Lighting efficiency measure |
|---|---|---|---|---|
| Gym | Air conditioning system | Time clock or BMS controlled | Light-emitting diode | Zoned switching |
| Carpark | Ventilation (supply + exhaust) | Carbon monoxide monitor + VSD fan | light-emitting diode | Zoned switching with motion sensors |
| Main Switch Room | Ventilation supply only | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Residential Waste | Ventilation exhaust only | n/a | light-emitting diode | Motion sensor |
| Waste Room – Resi | Ventilation exhaust only | n/a | light-emitting diode | Motion sensor |
| Chute discharge room | Ventilation exhaust only | n/a | light-emitting diode | Motion sensor |

| | | | | |
|---|---|---|---|---|
| FOGO | Ventilation exhaust only | n/a | light-emitting diode | Motion sensor |
| Carpark ventilation fan room | Ventilation supply only | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Substation | Ventilation (supply + exhaust) | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Residential communications | Ventilation supply only | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Grease Arrestor | Ventilation supply only | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Lvl.51 Plant Room | Ventilation (supply + exhaust) | Thermostatically controlled | light-emitting diode | Motion sensors |
| Fire pump room | Ventilation supply only | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Fire water storage tank room | Ventilation supply only | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Rainwater tank | Ventilation (supply + exhaust) | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Cold water plant | Ventilation (supply + exhaust) | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Hot water plant | Ventilation (supply + exhaust) | Thermostatically controlled | light-emitting diode | Manual on / manual off |
| Firestairs – basement | No mechanical ventilation | n/a | light-emitting diode | Motion sensors |
| Basement storage area | No mechanical ventilation | n/a | light-emitting diode | Motion sensor |
| Service corridor | Ventilation supply only | Thermostatically controlled | light-emitting diode | Motion sensors |
| Service room – basement | Ventilation supply only | Thermostatically controlled | light-emitting diode | Motion sensor |
| Fire control room | Ventilation supply only | Time clock or BMS controlled | light-emitting diode | Manual on / manual off |
| Building Manager | Air conditioning system | Time clock or BMS controlled | light-emitting diode | Motion sensor |
| Lvl. 7 Plant space | No mechanical ventilation | n/a | Light-emitting diode | Zoned switching with motion sensors |
| Fire stairs – resi | No mechanical ventilation | n/a | Light-emitting diode | Motion sensor |
| Bathrooms – Lvl. 33 | Ventilation supply only | Thermostatically controlled | Light-emitting diode | Motion sensor |
| Lvl. 50 Plant Space | No mechanical ventilation | n/a | Light-emitting diode | Zoned switching with motion sensors |
| RESI – PWD | Ventilation exhaust only | Time clock or BMS controlled | Light-emitting diode | Motion sensor |
| Service Room – Residential | Ventilation supply only | Thermostatically controlled | Light-emitting diode | Motion sensor |
| Evening Lounge | Air conditioning system | Time clock or BMS controlled | Light-emitting diode | Zoned switching with motion sensors |
| Resi Dinning | Air conditioning system | Time clock or BMS controlled | Light-emitting diode | Zoned switching with motion sensors |
| Corridor – Lvl. 33 | Air conditioning system | Time clock or BMS controlled | Light-emitting diode | Zoned switching with motion sensors |
| Ground Lobby | Air conditioning system | Time clock or BMS controlled | Light-emitting diode | Zoned switching with motion sensors |
| Resi Hallway | No mechanical ventilation | n/a | Light-emitting diode | Motion sensor |
| All lifts | n/a | n/a | Light-emitting diode | Connected to lift call button |

# 4 BASIX Thermal Comfort

## 4.1 Thermal Comfort

The following minimum standards are required to comply with the BASIX Thermal Comfort requirements for the project.

*Table 5: BASIX Thermal Comfort Requirements*

| Design Element | Compliance Criteria |
|---|---|
| Glazed Doors / Windows | The following glazed elements are used throughout the development:<br><br>Fixed, Sliding, Stacker Windows/Doors<br>Total System U-Value = 2.9 (equal to or less than)<br>Total System SHGC = 0.51 (+/- 5%)<br><br>Awning Windows & Casement doors<br>Total System U-Value = 2.9 (equal to or less than)<br>Total System SHGC = 0.44 (+/- 5%)<br><br>Operability – max available while meeting window safety device requirements defined in the BCA.<br><br>Note – all glazing systems are whole of system, including glazing and frame systems. |
| External Solid Walls | Added R2.5 bulk insulation for all apartment external walls. Minimum nominal 20mm unventilated non-reflective airgap. 0.2 thermal break required for the metal stud frame for thermal bridging controls.<br><br>Medium or light colour |
| Walls to Internal Corridors or Non-Conditioned Zones: | Added R1.5 bulk insulation for all internal walls between apartment unit and non-conditioned enclosed internal zones.0.2 thermal break required for the metal stud frame for thermal bridging controls. |
| Exposed Roofs/Balconies (Over conditioned spaces) | Added R4.0 soffit slab insulation to apartments concrete slab roofs<br><br>Medium or light colour. |
| Suspended Floor Slabs<br><br>(Enclosed floor levels between conditioned and internal non-conditioned spaces and open to outside) | Added R2.5 soffit slab insulation to underside of suspended concrete slabs and added R3.5 in high-risk units ( **8.01,8.02,8.08,32.01,34.01,34.07, 34.08)** |
| Floors Covering | Carpet in Bedrooms, Timber in Living/Dining Rooms.<br><br>Tile in Kitchen/Bathrooms. |
| Insulation Penetrations &<br><br>Ceiling fans | Exhaust fans have been modelled as 1 per bathroom, 1 per laundry if available and 1 per kitchen. |

Ceiling fans with 1200mm diameter have been modelled in bedroom/living rooms of following units

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **08-01** | **08-02** | **08-08** | **09-01** | **09-08** | **10-01** | **10-08** | **11-01** |
| | **11-08** | **12-01** | **12-08** | **13-01** | **13-08** | **14-01** | **14-08** |
| | **15-01** | **15-06** | **16-01** | **16-06** | **17-01** | **17-06** | **18-01** |
| | **18-06** | **19-01** | **19-06** | **20-01** | **20-06** | **21-01** | **21-06** |
| | **22-01** | **22-06** | **23-01** | **23-06** | **24-01** | **24-06** | **25-01** |
| | **25-06** | **26-01** | **26-06** | **27-01** | **27-06** | **28-01** | **28-06** |
| | **29-01** | **29-06** | **30-01** | **30-06** | **31-01** | **31-06** | **32-01** |
| | **32-06** | **34-01** | **34-06** | **35-01** | **35-05** | **36-01** | **36-05** |
| | **37-01** | **37-05** | **38-01** | **38-05** | **39-01** | **39-05** | **40-01** |
| | **40-04** | **41-01** | **41-04** | **42-01** | **42-04** | **43-01** | **43-04** |
| | **44-01** | **44-04** | **45-01** | **45-04** | **46-03** | **47-03** | |

# 5 BASIX Water

## 5.1 Water

The following minimum standards are required to comply with the BASIX Water Targets for the project.

*Table 6: BASIX Water Requirements*

| Design Element | Compliance Criteria |
|---|---|
| Fixtures | Showers: Minimum 4 Star (> 6 but <= 7.5 L/min) WELS Rated<br>Toilets: Minimum 4 Star WELS Rated<br>Bathroom Taps: Minimum 5 Star WELS Rated<br>Kitchen Sink Taps: Minimum 5 Star WELS Rated |
| Fixtures within common areas | Showers: Minimum 4 Star (>6 but <= 7.5 L/min) WELS Rated<br>Toilets: Minimum 4 Star WELS Rated<br>All Taps: Minimum 5 Star WELS Rated |
| Fittings/Appliances within units | Clothes Washer: Not specified<br>Dishwasher: Minimum 4.0 Star WELS Rated |
| Fittings/Appliances within common areas | Clothes Washer: no common laundry facility |
| Hot water recirculation or diversion system | No hot water recirculation or diversion system is included in the project |
| Outdoor Swimming Pool | Volume: 168 kL<br>The pool will not be shaded |
| Fire Sprinkler Water Test | All Fire sprinkler systems test water contained in a closed system so that fire sprinkler test water is contained within the fire sprinkler system for re-use, rather than disposed. |
| Alternative Water | 5,000 L rainwater tank provision is provided and is required to collect rainwater from building roof area which is not less than 500 $m^2$. The rainwater collected shall be reused for ground and roof common landscape/lawn area irrigation plus bay wash. |
| Landscape | Common Garden area: 559 m2 |

# 6 Results

E-LAB Consulting are engaged by Freecity to provide BASIX compliance consultancy for the residential portion of the development located 153-157 Walker Street, North Sydney. The report has confirmed the minimum requirements to satisfy the legislated minimum BASIX requirements for certification. This report is in accordance with the Secretary's Environmental Assessment Requirements (SEARs), and in support of the State Significant Development Application (SSD-82599709) for the proposed development.

**E-LAB have assessed the development and confirm the that based on the design of the residential portion of the 153-157 Walker Street, North Sydney and the inputs provided to BASIX, the proposal is positioned to comply with the requirements of BASIX.**

This report has outlined the results of the BASIX assessment; and details of how each section is independently meeting minimum legislated BASIX benchmarks using various sustainability opportunities the development is considering for BASIX certification. The minimum compliance requirements are per the below:

*Table 7: BASIX Summary*

| Area | Minimum Compliance Requirement | Project Score |
|---|---|---|
| Energy | 63% | 63% |
| Water | 40% | 41% |
| Thermal Comfort | Pass | Pass |
| Material Index | No Target | -79 |

Note: Percentages stated for Energy and Water are the percentage improvement upon the NSW average dwelling's consumption.

# Appendix A BASIX Certificate

# BASIX™ Certificate

Building Sustainability Index
www.planningportal.nsw.gov.au/development-and-assessment/basix

## Multi Dwelling

Certificate number: 1807394M

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.planningportal.nsw.gov.au/definitions

Secretary
Date of issue: Thursday, 07 August 2025
To be valid, this certificate must be submitted with a development application or lodged with a complying development certificate application within 3 months of the date of issue.

When submitting this BASIX certificate with a development application or complying development certificate application, it must be accompanied by NatHERS certificate NU0FQWEBC1.

| Project summary | |
|---|---|
| Project name | 153-157 Walker Street |
| Street address | 153 WALKER STREET NORTH SYDNEY 2060 |
| Local Government Area | NORTH SYDNEY |
| Plan type and plan number | Deposited Plan 50411 |
| No. of residential flat buildings | 1 |
| Residential flat buildings: no. of dwellings | 296 |
| Multi-dwelling housing: no. of dwellings | 0 |
| No. of single dwelling houses | 0 |

| Project score | | | |
|---|---|---|---|
| Water | ✔ | 41 | Target 40 |
| Thermal Performance | ✔ | Pass | Target Pass |
| Energy | ✔ | 63 | Target 63 |
| Materials | ✔ | -79 | Target n/a |

| Certificate Prepared by |
|---|
| Name / Company Name: E-LAB Consulting |
| ABN (if applicable): |

# Description of project

| Project address | |
|---|---|
| Project name | 153-157 Walker Street |
| Street address | 153 WALKER STREET NORTH SYDNEY 2060 |
| Local Government Area | NORTH SYDNEY |
| Plan type and plan number | Deposited Plan 50411 |

| Project type | |
|---|---|
| No. of residential flat buildings | 1 |
| Residential flat buildings: no. of dwellings | 296 |
| Multi-dwelling housing: no. of dwellings | 0 |
| No. of single dwelling houses | 0 |

| Site details | |
|---|---|
| Site area (m²) | 1919.77 |
| Roof area (m²) | 1182.4 |
| Non-residential floor area (m²) | - |
| Residential car spaces | 100 |
| Non-residential car spaces | - |

| Common area landscape | |
|---|---|
| Common area lawn (m²) | 0 |
| Common area garden (m²) | 559 |
| Area of indigenous or low water use species (m²) | 0 |

| Assessor details and thermal loads | |
|---|---|
| Assessor number | 20/1972 |
| Certificate number | NU0FQWEBC1 |
| Climate zone | 17 |

| Project score | | | |
|---|---|---|---|
| Water | ✔ | 41 | Target 40 |
| Thermal Performance | ✔ | Pass | Target Pass |
| Energy | ✔ | 63 | Target 63 |
| Materials | ✔ | -79 | Target n/a |

# Description of project

The tables below describe the dwellings and common areas within the project

## Residential flat buildings - Building1, 296 dwellings, 41 storeys above ground

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1001 | 2 | 95 | 0 | 0 | 0 |
| 1005 | 2 | 79 | 0 | 0 | 0 |
| 1009 | 2 | 83 | 0 | 0 | 0 |
| 1103 | 1 | 58 | 0 | 0 | 0 |
| 1107 | 1 | 56.00 | 0 | 0 | 0 |
| 1201 | 2 | 93 | 0 | 0 | 0 |
| 1205 | 2 | 77 | 0 | 0 | 0 |
| 1209 | 2 | 82 | 0 | 0 | 0 |
| 1303 | 1 | 58 | 0 | 0 | 0 |
| 1307 | 1 | 56 | 0 | 0 | 0 |
| 1401 | 2 | 93 | 0 | 0 | 0 |
| 1405 | 2 | 77.00 | 0 | 0 | 0 |
| 1409 | 2 | 82 | 0 | 0 | 0 |
| 1503 | 1 | 58 | 0 | 0 | 0 |
| 1507 | 2 | 82.00 | 0 | 0 | 0 |
| 1603 | 1 | 58 | 0 | 0 | 0 |
| 1607 | 2 | 82 | 0 | 0 | 0 |
| 1703 | 1 | 58 | 0 | 0 | 0 |
| 1707 | 2 | 82 | 0 | 0 | 0 |
| 1803 | 1 | 58 | 0 | 0 | 0 |
| 1807 | 2 | 82 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1002 | 1 | 56 | 0 | 0 | 0 |
| 1006 | 1 | 59 | 0 | 0 | 0 |
| 1010 | 2 | 73 | 0 | 0 | 0 |
| 1104 | 2 | 77 | 0 | 0 | 0 |
| 1108 | 2 | 92 | 0 | 0 | 0 |
| 1202 | 1 | 56 | 0 | 0 | 0 |
| 1206 | 1 | 58 | 0 | 0 | 0 |
| 1210 | 2 | 82 | 0 | 0 | 0 |
| 1304 | 2 | 77 | 0 | 0 | 0 |
| 1308 | 2 | 92 | 0 | 0 | 0 |
| 1402 | 1 | 56 | 0 | 0 | 0 |
| 1406 | 1 | 58 | 0 | 0 | 0 |
| 1410 | 2 | 82 | 0 | 0 | 0 |
| 1504 | 2 | 77.00 | 0 | 0 | 0 |
| 1508 | 2 | 82.00 | 0 | 0 | 0 |
| 1604 | 2 | 77 | 0 | 0 | 0 |
| 1608 | 2 | 82 | 0 | 0 | 0 |
| 1704 | 2 | 77 | 0 | 0 | 0 |
| 1708 | 2 | 82 | 0 | 0 | 0 |
| 1804 | 2 | 77 | 0 | 0 | 0 |
| 1808 | 2 | 82 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1003 | 1 | 59 | 0 | 0 | 0 |
| 1007 | 1 | 56 | 0 | 0 | 0 |
| 1101 | 2 | 93 | 0 | 0 | 0 |
| 1105 | 2 | 77 | 0 | 0 | 0 |
| 1109 | 2 | 82 | 0 | 0 | 0 |
| 1203 | 1 | 58 | 0 | 0 | 0 |
| 1207 | 1 | 56.00 | 0 | 0 | 0 |
| 1301 | 2 | 93 | 0 | 0 | 0 |
| 1305 | 2 | 77 | 0 | 0 | 0 |
| 1309 | 2 | 82 | 0 | 0 | 0 |
| 1403 | 1 | 58 | 0 | 0 | 0 |
| 1407 | 1 | 56.0 | 0 | 0 | 0 |
| 1501 | 2 | 93 | 0 | 0 | 0 |
| 1505 | 4+ | 162 | 0 | 0 | 0 |
| 1601 | 2 | 93 | 0 | 0 | 0 |
| 1605 | 4+ | 162 | 0 | 0 | 0 |
| 1701 | 2 | 93 | 0 | 0 | 0 |
| 1705 | 4+ | 162 | 0 | 0 | 0 |
| 1801 | 2 | 93 | 0 | 0 | 0 |
| 1805 | 4+ | 162 | 0 | 0 | 0 |
| 1901 | 2 | 93 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1004 | 2 | 79 | 0 | 0 | 0 |
| 1008 | 2 | 94 | 0 | 0 | 0 |
| 1102 | 1 | 56 | 0 | 0 | 0 |
| 1106 | 1 | 58.00 | 0 | 0 | 0 |
| 1110 | 2 | 82 | 0 | 0 | 0 |
| 1204 | 2 | 77 | 0 | 0 | 0 |
| 1208 | 2 | 92 | 0 | 0 | 0 |
| 1302 | 1 | 56 | 0 | 0 | 0 |
| 1306 | 1 | 58 | 0 | 0 | 0 |
| 1310 | 2 | 82 | 0 | 0 | 0 |
| 1404 | 2 | 77 | 0 | 0 | 0 |
| 1408 | 2 | 92 | 0 | 0 | 0 |
| 1502 | 1 | 56.00 | 0 | 0 | 0 |
| 1506 | 3 | 157 | 0 | 0 | 0 |
| 1602 | 1 | 56 | 0 | 0 | 0 |
| 1606 | 3 | 157 | 0 | 0 | 0 |
| 1702 | 1 | 56 | 0 | 0 | 0 |
| 1706 | 3 | 157 | 0 | 0 | 0 |
| 1802 | 1 | 56 | 0 | 0 | 0 |
| 1806 | 3 | 157 | 0 | 0 | 0 |
| 1902 | 1 | 56 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1903 | 1 | 58 | 0 | 0 | 0 |
| 1907 | 2 | 82 | 0 | 0 | 0 |
| 2003 | 1 | 58 | 0 | 0 | 0 |
| 2007 | 2 | 82 | 0 | 0 | 0 |
| 2103 | 1 | 58 | 0 | 0 | 0 |
| 2107 | 2 | 82 | 0 | 0 | 0 |
| 2203 | 1 | 58 | 0 | 0 | 0 |
| 2207 | 2 | 82 | 0 | 0 | 0 |
| 2303 | 1 | 58 | 0 | 0 | 0 |
| 2307 | 2 | 82 | 0 | 0 | 0 |
| 2403 | 1 | 58 | 0 | 0 | 0 |
| 2407 | 2 | 82 | 0 | 0 | 0 |
| 2503 | 1 | 58 | 0 | 0 | 0 |
| 2507 | 2 | 82 | 0 | 0 | 0 |
| 2603 | 1 | 58 | 0 | 0 | 0 |
| 2607 | 2 | 82 | 0 | 0 | 0 |
| 2703 | 1 | 58 | 0 | 0 | 0 |
| 2707 | 2 | 82 | 0 | 0 | 0 |
| 2803 | 1 | 58 | 0 | 0 | 0 |
| 2807 | 2 | 82 | 0 | 0 | 0 |
| 2903 | 1 | 58 | 0 | 0 | 0 |
| 2907 | 2 | 82 | 0 | 0 | 0 |
| 3003 | 1 | 58 | 0 | 0 | 0 |
| 3007 | 2 | 82 | 0 | 0 | 0 |
| 3103 | 1 | 58 | 0 | 0 | 0 |
| 3107 | 2 | 82 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1904 | 2 | 77 | 0 | 0 | 0 |
| 1908 | 2 | 82 | 0 | 0 | 0 |
| 2004 | 2 | 77 | 0 | 0 | 0 |
| 2008 | 2 | 82 | 0 | 0 | 0 |
| 2104 | 2 | 77 | 0 | 0 | 0 |
| 2108 | 2 | 82 | 0 | 0 | 0 |
| 2204 | 2 | 77 | 0 | 0 | 0 |
| 2208 | 2 | 82 | 0 | 0 | 0 |
| 2304 | 2 | 77 | 0 | 0 | 0 |
| 2308 | 2 | 82 | 0 | 0 | 0 |
| 2404 | 2 | 77 | 0 | 0 | 0 |
| 2408 | 2 | 82 | 0 | 0 | 0 |
| 2504 | 2 | 77 | 0 | 0 | 0 |
| 2508 | 2 | 82 | 0 | 0 | 0 |
| 2604 | 2 | 77 | 0 | 0 | 0 |
| 2608 | 2 | 82 | 0 | 0 | 0 |
| 2704 | 2 | 77 | 0 | 0 | 0 |
| 2708 | 2 | 82 | 0 | 0 | 0 |
| 2804 | 2 | 77 | 0 | 0 | 0 |
| 2808 | 2 | 82 | 0 | 0 | 0 |
| 2904 | 2 | 77 | 0 | 0 | 0 |
| 2908 | 2 | 82 | 0 | 0 | 0 |
| 3004 | 2 | 77 | 0 | 0 | 0 |
| 3008 | 2 | 82 | 0 | 0 | 0 |
| 3104 | 2 | 77 | 0 | 0 | 0 |
| 3108 | 2 | 82 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1905 | 4+ | 162 | 0 | 0 | 0 |
| 2001 | 2 | 93 | 0 | 0 | 0 |
| 2005 | 4+ | 162 | 0 | 0 | 0 |
| 2101 | 2 | 93 | 0 | 0 | 0 |
| 2105 | 4+ | 162 | 0 | 0 | 0 |
| 2201 | 2 | 93 | 0 | 0 | 0 |
| 2205 | 4+ | 162 | 0 | 0 | 0 |
| 2301 | 2 | 93 | 0 | 0 | 0 |
| 2305 | 4+ | 162 | 0 | 0 | 0 |
| 2401 | 2 | 93 | 0 | 0 | 0 |
| 2405 | 4+ | 162 | 0 | 0 | 0 |
| 2501 | 2 | 93 | 0 | 0 | 0 |
| 2505 | 4+ | 162 | 0 | 0 | 0 |
| 2601 | 2 | 93 | 0 | 0 | 0 |
| 2605 | 4+ | 162 | 0 | 0 | 0 |
| 2701 | 2 | 93 | 0 | 0 | 0 |
| 2705 | 4+ | 162 | 0 | 0 | 0 |
| 2801 | 2 | 93 | 0 | 0 | 0 |
| 2805 | 4+ | 162 | 0 | 0 | 0 |
| 2901 | 2 | 93 | 0 | 0 | 0 |
| 2905 | 4+ | 162 | 0 | 0 | 0 |
| 3001 | 2 | 93 | 0 | 0 | 0 |
| 3005 | 4+ | 162 | 0 | 0 | 0 |
| 3101 | 2 | 93 | 0 | 0 | 0 |
| 3105 | 4+ | 162 | 0 | 0 | 0 |
| 3201 | 2 | 93 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 1906 | 3 | 157 | 0 | 0 | 0 |
| 2002 | 1 | 56 | 0 | 0 | 0 |
| 2006 | 3 | 157 | 0 | 0 | 0 |
| 2102 | 1 | 56 | 0 | 0 | 0 |
| 2106 | 3 | 157 | 0 | 0 | 0 |
| 2202 | 1 | 56 | 0 | 0 | 0 |
| 2206 | 3 | 157 | 0 | 0 | 0 |
| 2302 | 1 | 56 | 0 | 0 | 0 |
| 2306 | 3 | 157 | 0 | 0 | 0 |
| 2402 | 1 | 56 | 0 | 0 | 0 |
| 2406 | 3 | 157 | 0 | 0 | 0 |
| 2502 | 1 | 56 | 0 | 0 | 0 |
| 2506 | 3 | 157 | 0 | 0 | 0 |
| 2602 | 1 | 56 | 0 | 0 | 0 |
| 2606 | 3 | 157 | 0 | 0 | 0 |
| 2702 | 1 | 56 | 0 | 0 | 0 |
| 2706 | 3 | 157 | 0 | 0 | 0 |
| 2802 | 1 | 56 | 0 | 0 | 0 |
| 2806 | 3 | 157 | 0 | 0 | 0 |
| 2902 | 2 | 60 | 0 | 0 | 0 |
| 2906 | 3 | 157 | 0 | 0 | 0 |
| 3002 | 1 | 56 | 0 | 0 | 0 |
| 3006 | 3 | 157 | 0 | 0 | 0 |
| 3102 | 1 | 56 | 0 | 0 | 0 |
| 3106 | 3 | 157 | 0 | 0 | 0 |
| 3202 | 1 | 56 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 3203 | 1 | 58 | 0 | 0 | 0 |
| 3207 | 2 | 82 | 0 | 0 | 0 |
| 3403 | 2 | 71 | 0 | 0 | 0 |
| 3407 | 2 | 83 | 0 | 0 | 0 |
| 3503 | 2 | 88 | 0 | 0 | 0 |
| 3507 | 2 | 83 | 0 | 0 | 0 |
| 3604 | 4+ | 174 | 0 | 0 | 0 |
| 3701 | 3 | 157 | 0 | 0 | 0 |
| 3705 | 3 | 159 | 0 | 0 | 0 |
| 3802 | 2 | 71 | 0 | 0 | 0 |
| 3806 | 2 | 83 | 0 | 0 | 0 |
| 3903 | 2 | 88 | 0 | 0 | 0 |
| 3907 | 2 | 83 | 0 | 0 | 0 |
| 4004 | 3 | 159 | 0 | 0 | 0 |
| 4103 | 4+ | 174 | 0 | 0 | 0 |
| 4202 | 4+ | 174 | 0 | 0 | 0 |
| 4301 | 4+ | 168 | 0 | 0 | 0 |
| 4305 | 4+ | 178 | 0 | 0 | 0 |
| 4404 | 3 | 159 | 0 | 0 | 0 |
| 4503 | 4+ | 174 | 0 | 0 | 0 |
| 4602 | 4+ | 358 | 0 | 0 | 0 |
| 4703 | 4+ | 264 | 0 | 0 | 0 |
| 801 | 2 | 112 | 0 | 0 | 0 |
| 805 | 2 | 89 | 0 | 0 | 0 |
| 809 | 2 | 90 | 0 | 0 | 0 |
| 903 | 1 | 61 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 3204 | 2 | 77 | 0 | 0 | 0 |
| 3208 | 2 | 82 | 0 | 0 | 0 |
| 3404 | 2 | 77 | 0 | 0 | 0 |
| 3408 | 2 | 82 | 0 | 0 | 0 |
| 3504 | 4+ | 174 | 0 | 0 | 0 |
| 3601 | 3 | 157 | 0 | 0 | 0 |
| 3605 | 3 | 159 | 0 | 0 | 0 |
| 3702 | 2 | 71 | 0 | 0 | 0 |
| 3706 | 2 | 83 | 0 | 0 | 0 |
| 3803 | 2 | 88 | 0 | 0 | 0 |
| 3807 | 2 | 83 | 0 | 0 | 0 |
| 3904 | 4+ | 174 | 0 | 0 | 0 |
| 4001 | 4+ | 168 | 0 | 0 | 0 |
| 4005 | 4+ | 178 | 0 | 0 | 0 |
| 4104 | 3 | 159 | 0 | 0 | 0 |
| 4203 | 4+ | 174 | 0 | 0 | 0 |
| 4302 | 4+ | 174 | 0 | 0 | 0 |
| 4401 | 4+ | 168 | 0 | 0 | 0 |
| 4405 | 4+ | 178 | 0 | 0 | 0 |
| 4504 | 3 | 159 | 0 | 0 | 0 |
| 4603 | 4+ | 264 | 0 | 0 | 0 |
| 4801 | 4+ | 551 | 0 | 0 | 0 |
| 802 | 1 | 61 | 0 | 0 | 0 |
| 806 | 1 | 61 | 0 | 0 | 0 |
| 810 | 2 | 89 | 0 | 0 | 0 |
| 904 | 2 | 84 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 3205 | 4+ | 162 | 0 | 0 | 0 |
| 3401 | 2 | 94 | 0 | 0 | 0 |
| 3405 | 4+ | 162 | 0 | 0 | 0 |
| 3501 | 3 | 157 | 0 | 0 | 0 |
| 3505 | 3 | 159 | 0 | 0 | 0 |
| 3602 | 2 | 71 | 0 | 0 | 0 |
| 3606 | 2 | 83 | 0 | 0 | 0 |
| 3703 | 2 | 88 | 0 | 0 | 0 |
| 3707 | 2 | 83 | 0 | 0 | 0 |
| 3804 | 4+ | 174 | 0 | 0 | 0 |
| 3901 | 3 | 157 | 0 | 0 | 0 |
| 3905 | 3 | 159 | 0 | 0 | 0 |
| 4002 | 4+ | 174 | 0 | 0 | 0 |
| 4101 | 4+ | 168 | 0 | 0 | 0 |
| 4105 | 4+ | 178 | 0 | 0 | 0 |
| 4204 | 3 | 159 | 0 | 0 | 0 |
| 4303 | 4+ | 174 | 0 | 0 | 0 |
| 4402 | 4+ | 174 | 0 | 0 | 0 |
| 4501 | 4+ | 168 | 0 | 0 | 0 |
| 4505 | 4+ | 178 | 0 | 0 | 0 |
| 4701 | 4+ | 261 | 0 | 0 | 0 |
| 4802 | 4+ | 487 | 0 | 0 | 0 |
| 803 | 1 | 63 | 0 | 0 | 0 |
| 807 | 1 | 59 | 0 | 0 | 0 |
| 901 | 2 | 100 | 0 | 0 | 0 |
| 905 | 2 | 82 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 3206 | 3 | 157 | 0 | 0 | 0 |
| 3402 | 1 | 53 | 0 | 0 | 0 |
| 3406 | 3 | 159 | 0 | 0 | 0 |
| 3502 | 2 | 71 | 0 | 0 | 0 |
| 3506 | 2 | 83 | 0 | 0 | 0 |
| 3603 | 2 | 88 | 0 | 0 | 0 |
| 3607 | 2 | 83 | 0 | 0 | 0 |
| 3704 | 4+ | 174 | 0 | 0 | 0 |
| 3801 | 3 | 157 | 0 | 0 | 0 |
| 3805 | 3 | 159 | 0 | 0 | 0 |
| 3902 | 2 | 71 | 0 | 0 | 0 |
| 3906 | 2 | 83 | 0 | 0 | 0 |
| 4003 | 4+ | 174 | 0 | 0 | 0 |
| 4102 | 4+ | 174 | 0 | 0 | 0 |
| 4201 | 4+ | 168 | 0 | 0 | 0 |
| 4205 | 4+ | 178 | 0 | 0 | 0 |
| 4304 | 3 | 159 | 0 | 0 | 0 |
| 4403 | 4+ | 174 | 0 | 0 | 0 |
| 4502 | 4+ | 174 | 0 | 0 | 0 |
| 4601 | 4+ | 261 | 0 | 0 | 0 |
| 4702 | 4+ | 358 | 0 | 0 | 0 |
| 4803 | 4+ | 590 | 0 | 0 | 0 |
| 804 | 2 | 93 | 0 | 0 | 0 |
| 808 | 2 | 105 | 0 | 0 | 0 |
| 902 | 1 | 58 | 0 | 0 | 0 |
| 906 | 1 | 60 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 907 | 1 | 57 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 908 | 2 | 97 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 909 | 2 | 58 | 0 | 0 | 0 |

| Dwelling no. | No. of bedrooms | Conditioned floor area (m²) | Unconditioned floor area (m²) | Area of garden & lawn (m²) | Indigenous species (min area m²) |
|---|---|---|---|---|---|
| 910 | 2 | 85 | 0 | 0 | 0 |

# Description of project

The tables below describe the dwellings and common areas within the project

## Common areas of unit building - Building1

| Common area | Floor area (m²) |
|---|---|
| Gym | 74.56 |
| Building Manager | 7.12 |
| Bathrooms - Lvl. 33 | 44.47 |
| Service Room - Residential | 337.5 |
| Private Dinning | 55.99 |
| Resi Hallway | 2865.58 |

| Common area | Floor area (m²) |
|---|---|
| Waste Room - Resi | 116.55 |
| Lvl. 7 Plant space | 946.42 |
| Lvl. 50 Plant Space | 909.17 |
| Evening Lounge | 79.3 |
| Corridor - Lvl.33 | 82 |

| Common area | Floor area (m²) |
|---|---|
| Lvl.51 Plant Room | 820.81 |
| Fire stairs - Resi | 1007.62 |
| RESI - PWD | 7.08 |
| Resi Dinning | 98.59 |
| Ground Lobby | 177.73 |

## Common areas of the development (non-building specific)

| Common area | Floor area (m²) |
|---|---|
| Lift bank (No. 1) | - |
| Main Switch Room | 76.45 |
| FOGO | 24.07 |
| Residential Communications | 18.61 |
| Fire Water Storage Tank Room | 84.64 |
| Hot Water Plant | 58.52 |
| Service Corridor | 101.55 |

| Common area | Floor area (m²) |
|---|---|
| Lift bank (No. 2) | - |
| Residential Waste | 138.14 |
| Carpark Ventilation Fan Room | 101.68 |
| Grease Arrestor | 21.71 |
| Rainwater Tank | 12.06 |
| Firestairs - Basement | 508.96 |
| Service Room - Basement | 224.5 |

| Common area | Floor area (m²) |
|---|---|
| Carpark | 14470.96 |
| Chute Discharge Room | 17.27 |
| Substation | 131.81 |
| Fire Pump Room | 72.27 |
| Cold Water Plant | 33.91 |
| Basement Storage Area | 16.19 |
| Fire Control Room | 20.21 |

# Schedule of BASIX commitments

1. Commitments for Residential flat buildings - Building1

(a) Buildings

(i) Materials

(b) Dwellings

(i) Water

(ii) Energy

(iii) Thermal Performance

(c) Common areas and central systems/facilities

(i) Water

(ii) Energy

2. Commitments for common areas and central systems/facilities for the development (non-building specific)

(a) Buildings 'Other'

(i) Materials

(b) Common areas and central systems/facilities

(i) Water

(ii) Energy

# Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carriedout. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

## 1. Commitments for Residential flat buildings - Building1

### (a) Buildings

| (i) Materials | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the “Floor types”, “External wall types”, “Internal wall types”, “Ceiling and roof types”, “Frames” and “Glazing” tables below. | | | ✔ |
| (b) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all specifications included in the tables below. | | ✔ | |
| (c) The applicant must construct the floors, walls, roof, ceiling and roof, windows, glazed doors and skylights of the development in accordance with the specifications listed in the tables below. In the case of glazing, a 5% variance from the area values listed in the “Frames” and “Glazing” tables is permitted. | ✔ | ✔ | ✔ |
| (d) The applicant must show through receipts that the materials purchased for construction are consistent with the specifications listed in the below tables. | | | ✔ |

**Floor types**

| Floor type | Area (m2) | Insulation | Low emissions option |
|---|---|---|---|
| floors above habitable rooms, frame: suspended concrete slab | 39324.65 | - | - |

**External wall types**

| External wall type | Construction type | Area (m2) | Low emissions option | Insulation |
|---|---|---|---|---|
| External wall type 1 | framed (metal clad),frame:light steel frame | 2040.03 | - | - |

**Internal wall types**

| Internal wall type | Construction type | Area (m2) | Insulation |
|---|---|---|---|
| Internal wall type 1 | plasterboard, frame:light steel frame | 700 | - |

| Reinforcement concrete frames/columns | | |
|---|---|---|
| Building has reinforced concrete frame/columns? | Volume ($m^3$) | Low emissions option |
| - | - | - |

| Ceiling and roof types | | | |
|---|---|---|---|
| Ceiling and roof type | Area ($m^2$) | Roof Insulation | Ceiling Insulation |
| framed - terracotta tiles, frame: light steel frame | 1182.4 | - | - |

| Glazing types | | | Frame types | | | | |
|---|---|---|---|---|---|---|---|
| Single glazing ($m^2$) | Double glazing ($m^2$) | Triple glazing ($m^2$) | Aluminium frames ($m^2$) | Timber frames ($m^2$) | uPVC frames ($m^2$) | Steel frames ($m^2$) | Composite frames ($m^2$) |
| 0 | 18360.27 | 0 | 18360.27 | 0 | 0 | 0 | 0 |

**(b) Dwellings**

| (i) Water | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below. | | | |
| (b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table). | ✔ | ✔ | |
| (c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it. | | ✔ | ✔ |
| (d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below. | | ✔ | ✔ |
| (e) The applicant must install: | | | |
| (aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and | | ✔ | ✔ |
| (bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling. | | ✔ | ✔ |
| (e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below. | ✔ | ✔ | |
| (f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both). | | ✔ | |
| (g) The pool or spa must be located as specified in the table. | ✔ | ✔ | |
| (h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified. | ✔ | ✔ | ✔ |

| | Fixtures | | | | | Appliances | | Individual pool | | | | Individual spa | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dwelling no. | All shower-heads | All toilet flushing systems | All kitchen taps | All bathroom taps | HW recirculation or diversion | All clothes washers | All dish-washers | Volume (max volume) | Pool cover | Pool location | Pool shaded | Volume (max volume) | Spa cover | Spa shaded |
| All dwellings | 4 star (> 6 but <= 7.5 L/min) | 4 star | 5 star | 5 star | - | not specified | 4 star | - | - | - | - | - | - | - |

| | Alternative water source | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Dwelling no.** | **Alternative water supply systems** | **Size** | **Configuration** | **Landscape connection** | **Toilet connection (s)** | **Laundry connection** | **Pool top-up** | **Spa top-up** |
| All dwellings | No alternative water supply | - | - | - | - | - | - | - |

| **(ii) Energy** | **Show on DA plans** | **Show on CC/CDC plans & specs** | **Certifier check** |
|---|---|---|---|
| (a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below. | | | |
| (b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system. | ✔ | ✔ | ✔ |
| (c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table. | | ✔ | ✔ |
| (d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "Heating" columns in the table below, in/for at least 1 living/bedroom area of the dwelling. If no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms. | | ✔ | ✔ |
| (e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for fluorescent lighting or light emitting diode (LED) lighting. | | ✔ | ✔ |
| (f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight. | ✔ | ✔ | ✔ |
| (g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must: | | | |
| (aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and | | ✔ | |
| (bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump. | | ✔ | |
| (h) The applicant must install in the dwelling: | | | |
| (aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below; | | ✔ | |

| (ii) Energy | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and<br>(cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table. | | ✔<br>✔ | ✔ |
| (i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well ventilated". | | ✔ | |

| | Hot water | Bathroom ventilation system | | Kitchen ventilation system | | Laundry ventilation system | |
|---|---|---|---|---|---|---|---|
| Dwelling no. | Hot water system | Each bathroom | Operation control | Each kitchen | Operation control | Each laundry | Operation control |
| All dwellings | Central hot water system (No. 1) | individual fan, ducted to façade or roof | interlocked to light with timer off | individual fan, ducted to façade or roof | manual switch on/off | individual fan, ducted to façade or roof | manual switch on/off |

| | Cooling | | Heating | | Natural lighting | |
|---|---|---|---|---|---|---|
| Dwelling no. | living areas | bedroom areas | living areas | bedroom areas | No. of bathrooms or toilets | Main kitchen |
| 2606, 2801, 2802, 2803, 805, 806, 807, 808 | - | - | - | - | 0 | - |
| All other dwellings | 1-phase airconditioning - ducted / EER 3.0 - 3.5 | 1-phase airconditioning - ducted / EER 3.0 - 3.5 | 1-phase airconditioning - ducted / EER 3.5 - 4.0 | 1-phase airconditioning - ducted / EER 3.5 - 4.0 | 0 | - |

| | Individual pool | | | Individual spa | | Appliances other efficiency measures | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Dwelling no. | Pool heating system | Pool Pump | Timer | Spa heating system | Timer | Kitchen cooktop/oven | Dishwasher | Clothes dryer | Indoor or sheltered clothes drying line | Private outdoor or unsheltered clothes drying line |
| All dwellings | - | - | - | - | - | induction cooktop & electric oven | 4 star | 2 star | - | - |

| (iii) Thermal Performance | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) The applicant must attach the certificate referred to under "Assessor details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for a final occupation certificate for the proposed development. | | | |
| (b) The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol. | | | |
| (c) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the "Thermal Loads" table below. | | | |
| (d) The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Thermal Comfort Protocol requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor, to certify that this is the case. | ✔ | | |
| (e) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications. | | ✔ | |
| (f) The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications. | | ✔ | ✔ |
| (g) Where there is an in-slab heating or cooling system, the applicant must:<br>(aa) Install insulation with an R-value of not less than 1.0 around the vertical edges of the perimeter of the slab; or<br>(bb) On a suspended floor, install insulation with an R-value of not less than 1.0 underneath the slab and around the vertical edges of the perimeter of the slab. | ✔ | ✔ | ✔ |
| (h) The applicant must construct the floors and walls of the development in accordance with the specifications listed in the table below. | ✔ | ✔ | ✔ |
| (i) The applicant must show on The plans accompanying The development application for The proposed development, The locations of ceiling fans set out in The Assessor Certificate. | ✔ | | |
| (j) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), the locations of ceiling fans set out in the Assessor Certificate. | | ✔ | |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 1001 | 23.4 | 8.9 | 32.300 |
| 1002 | 21.5 | 11.4 | 32.900 |
| 1003 | 15.7 | 8.0 | 23.700 |
| 1004 | 13.3 | 11.9 | 25.200 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 1005 | 11 | 10.7 | 21.700 |
| 1006 | 19.2 | 9.7 | 28.900 |
| 1007 | 22.7 | 7.4 | 30.100 |
| 1008 | 25.8 | 7.5 | 33.300 |
| 1009 | 26.80 | 5.4 | 32.200 |
| 1010 | 23.9 | 4.1 | 28.000 |
| 1101 | 21.8 | 11.4 | 33.200 |
| 1102 | 21.8 | 10.7 | 32.500 |
| 1103 | 15.9 | 8.1 | 24.000 |
| 1104 | 13.4 | 11.6 | 25.000 |
| 1105 | 10.9 | 10.5 | 21.400 |
| 1106 | 18.6 | 10.1 | 28.700 |
| 1107 | 20.1 | 8.7 | 28.800 |
| 1108 | 20.9 | 13.6 | 34.500 |
| 1109 | 26.9 | 5.4 | 32.300 |
| 1110 | 23.4 | 4.1 | 27.500 |
| 1201 | 22.1 | 11.3 | 33.400 |
| 1202 | 20.9 | 11 | 31.900 |
| 1203 | 16 | 8.2 | 24.200 |
| 1204 | 13.7 | 11.5 | 25.200 |
| 1205 | 11.2 | 10.7 | 21.900 |
| 1206 | 17.5 | 11 | 28.500 |
| 1207 | 16.9 | 8.80 | 25.700 |
| 1208 | 19 | 16.1 | 35.100 |
| 1209 | 27.2 | 5.3 | 32.500 |
| 1210 | 23.7 | 3.7 | 27.400 |
| 1301 | 22.2 | 11.2 | 33.400 |
| 1302 | 21.1 | 10.9 | 32.000 |
| 1303 | 16.2 | 8.2 | 24.400 |
| 1305 | 11.2 | 10.8 | 22.000 |
| 1306 | 14.90 | 11.3 | 26.200 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 1307 | 13 | 9.5 | 22.500 |
| 1308 | 14.9 | 18.3 | 33.200 |
| 1309 | 27.3 | 5.3 | 32.600 |
| 1310 | 23.8 | 3.8 | 27.600 |
| 1402 | 22 | 10.2 | 32.200 |
| 1403 | 16.3 | 8 | 24.300 |
| 1404 | 14 | 11.5 | 25.500 |
| 1405 | 11.4 | 10.8 | 22.200 |
| 1406 | 13.2 | 11.7 | 24.900 |
| 1407 | 11.5 | 9.9 | 21.400 |
| 1408 | 12.9 | 19.2 | 32.100 |
| 1409 | 27.5 | 5.3 | 32.800 |
| 1410 | 24 | 3.5 | 27.500 |
| 1502 | 22.2 | 10.3 | 32.500 |
| 1503 | 16.3 | 8.2 | 24.500 |
| 1504 | 14.1 | 11.4 | 25.500 |
| 1505 | 4.3 | 18.8 | 23.100 |
| 1506 | 11.1 | 18.8 | 29.900 |
| 1507 | 27.6 | 5.2 | 32.800 |
| 1508 | 24.1 | 3.6 | 27.700 |
| 1601 | 21.7 | 11 | 32.700 |
| 1602 | 22.4 | 9.8 | 32.200 |
| 1603 | 16.5 | 8.3 | 24.800 |
| 1604 | 13.9 | 11.5 | 25.400 |
| 1605 | 4.2 | 18.8 | 23.000 |
| 1606 | 11.1 | 18.9 | 30.000 |
| 1701 | 21.8 | 10.9 | 32.700 |
| 1702 | 22.6 | 9.8 | 32.400 |
| 1703 | 18.8 | 7.9 | 26.700 |
| 1705 | 4.3 | 18.5 | 22.800 |
| 1706 | 11.2 | 18.8 | 30.000 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 1707 | 27.7 | 5.2 | 32.900 |
| 1802 | 22.7 | 9.8 | 32.500 |
| 1803 | 16.6 | 8.2 | 24.800 |
| 1804 | 13.6 | 11.2 | 24.800 |
| 1805 | 4.3 | 18.2 | 22.500 |
| 1806 | 11.3 | 18.5 | 29.800 |
| 1807 | 27.7 | 5.3 | 33.000 |
| 1808 | 24.3 | 3.6 | 27.900 |
| 1902 | 22.8 | 9.8 | 32.600 |
| 1903 | 16.8 | 8.3 | 25.100 |
| 1906 | 11.4 | 18.4 | 29.800 |
| 2001 | 22 | 10.7 | 32.700 |
| 2002 | 22.9 | 10.4 | 33.300 |
| 2003 | 17 | 8.1 | 25.100 |
| 2004 | 13.3 | 11.4 | 24.700 |
| 2005 | 4.4 | 17.9 | 22.300 |
| 2006 | 11.4 | 18.3 | 29.700 |
| 2007 | 27.7 | 5.40 | 33.100 |
| 2101 | 22 | 10.6 | 32.600 |
| 2102 | 23.3 | 9.8 | 33.100 |
| 2103 | 16.9 | 8 | 24.900 |
| 2104 | 13.3 | 11.3 | 24.600 |
| 2106 | 11.5 | 18.2 | 29.700 |
| 2107 | 27.8 | 5.4 | 33.200 |
| 2108 | 24.4 | 4.1 | 28.500 |
| 2201 | 22.1 | 10.6 | 32.700 |
| 2202 | 23.1 | 10.2 | 33.300 |
| 2206 | 11.6 | 17.8 | 29.400 |
| 2207 | 27.6 | 5.4 | 33.000 |
| 2208 | 24.4 | 3.7 | 28.100 |
| 2303 | 17.4 | 7.5 | 24.900 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 2304 | 13.5 | 10.9 | 24.400 |
| 2305 | 4.5 | 18.2 | 22.700 |
| 2307 | 27.5 | 5.4 | 32.900 |
| 2308 | 24.3 | 3.7 | 28.000 |
| 2401 | 21.6 | 10.5 | 32.100 |
| 2404 | 13.5 | 10.8 | 24.300 |
| 2407 | 27.2 | 5.5 | 32.700 |
| 2408 | 24.1 | 3.7 | 27.800 |
| 2502 | 23.5 | 9.5 | 33.000 |
| 2503 | 17.3 | 7.8 | 25.100 |
| 2505 | 4.5 | 17.9 | 22.400 |
| 2507 | 27 | 5.6 | 32.600 |
| 2508 | 24 | 3.9 | 27.900 |
| 2601 | 21.5 | 10.6 | 32.100 |
| 2602 | 23.9 | 9.5 | 33.400 |
| 2603 | 16.9 | 7.9 | 24.800 |
| 2605 | 4.6 | 18 | 22.600 |
| 2607 | 26.8 | 5.6 | 32.400 |
| 2608 | 23.9 | 3.9 | 27.800 |
| 2701 | 21.5 | 10.5 | 32.000 |
| 2703 | 17 | 7.7 | 24.700 |
| 2704 | 13.6 | 10.8 | 24.400 |
| 2705 | 4.6 | 17.6 | 22.200 |
| 2706 | 11.7 | 17.9 | 29.600 |
| 2707 | 26.4 | 5.7 | 32.100 |
| 2708 | 23.7 | 3.9 | 27.600 |
| 2801 | 21.6 | 10.8 | 32.400 |
| 2802 | 24.2 | 9.7 | 33.900 |
| 2804 | 13.9 | 10.6 | 24.500 |
| 2805 | 4.6 | 17.5 | 22.100 |
| 2806 | 11.7 | 18 | 29.700 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 2807 | 26.1 | 5.6 | 31.700 |
| 2808 | 23.5 | 4.20 | 27.700 |
| 2901 | 21.3 | 10.7 | 32.000 |
| 2904 | 13.9 | 10.4 | 24.300 |
| 2906 | 11.6 | 18.2 | 29.800 |
| 2907 | 25.6 | 5.9 | 31.500 |
| 2908 | 23.1 | 4.1 | 27.200 |
| 3001 | 21.3 | 10.6 | 31.900 |
| 3002 | 24.2 | 9.8 | 34.000 |
| 3004 | 14 | 10.5 | 24.500 |
| 3006 | 11.6 | 18 | 29.600 |
| 3007 | 25.2 | 6.1 | 31.300 |
| 3008 | 22.9 | 4.1 | 27.000 |
| 3101 | 21.4 | 10.8 | 32.200 |
| 3102 | 23.4 | 10 | 33.400 |
| 3104 | 14.1 | 10.6 | 24.700 |
| 3105 | 4.7 | 17.1 | 21.800 |
| 3106 | 11.6 | 17.9 | 29.500 |
| 3107 | 25.3 | 6 | 31.300 |
| 3108 | 23 | 4.2 | 27.200 |
| 3201 | 23.1 | 11.8 | 34.900 |
| 3202 | 20.7 | 10.4 | 31.100 |
| 3203 | 20.3 | 8.5 | 28.800 |
| 3204 | 18.2 | 12.3 | 30.500 |
| 3205 | 6.9 | 19.7 | 26.600 |
| 3206 | 15 | 19.2 | 34.200 |
| 3207 | 27.6 | 5.1 | 32.700 |
| 3208 | 29 | 4.9 | 33.900 |
| 3401 | 23 | 11.3 | 34.300 |
| 3402 | 17.1 | 8.7 | 25.800 |
| 3403 | 18.9 | 6.9 | 25.800 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 3404 | 13.6 | 10.7 | 24.300 |
| 3405 | 5.3 | 16.4 | 21.700 |
| 3406 | 13.5 | 18 | 31.500 |
| 3407 | 26.2 | 6.3 | 32.500 |
| 3408 | 29.9 | 3 | 32.900 |
| 3501 | 17.7 | 7.7 | 25.400 |
| 3502 | 17 | 6.9 | 23.900 |
| 3505 | 11.9 | 17.6 | 29.500 |
| 3506 | 25.6 | 6.1 | 31.700 |
| 3507 | 23.4 | 4.2 | 27.600 |
| 3601 | 17.5 | 7.7 | 25.200 |
| 3602 | 17.1 | 7 | 24.100 |
| 3604 | 4.5 | 15.50 | 20.000 |
| 3605 | 12 | 17.5 | 29.500 |
| 3606 | 25.8 | 6.1 | 31.900 |
| 3607 | 23.5 | 4.2 | 27.700 |
| 3702 | 17 | 6.80 | 23.800 |
| 3703 | 13.4 | 9.00 | 22.400 |
| 3705 | 12.1 | 17.3 | 29.400 |
| 3802 | 17 | 6.8 | 23.800 |
| 3803 | 13.4 | 9 | 22.400 |
| 3804 | 4.5 | 15.2 | 19.700 |
| 3805 | 12.1 | 17.5 | 29.600 |
| 3901 | 17.6 | 7.40 | 25.000 |
| 3902 | 17.1 | 6.8 | 23.900 |
| 3903 | 13.5 | 8.8 | 22.300 |
| 3904 | 4.5 | 15.3 | 19.800 |
| 3905 | 12.2 | 17.2 | 29.400 |
| 3906 | 26.1 | 6.3 | 32.400 |
| 3907 | 23.8 | 4.2 | 28.000 |
| 4001 | 20.5 | 8.5 | 29.000 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 4002 | 4.4 | 15.6 | 20.000 |
| 4004 | 12.3 | 17.4 | 29.700 |
| 4005 | 19.7 | 4.5 | 24.200 |
| 4101 | 20.6 | 8.5 | 29.100 |
| 4102 | 4.2 | 15.4 | 19.600 |
| 4103 | 4.6 | 15.1 | 19.700 |
| 4104 | 12.3 | 17.1 | 29.400 |
| 4105 | 19 | 4.3 | 23.300 |
| 4201 | 20.7 | 8.9 | 29.600 |
| 4202 | 4.2 | 15.8 | 20.000 |
| 4203 | 4.6 | 15.3 | 19.900 |
| 4204 | 12.3 | 17.3 | 29.600 |
| 4205 | 19 | 4.4 | 23.400 |
| 4301 | 20.7 | 8.1 | 28.800 |
| 4302 | 4.2 | 15.9 | 20.100 |
| 4303 | 4.6 | 15.2 | 19.800 |
| 4304 | 12.4 | 17.1 | 29.500 |
| 4401 | 20.8 | 8.5 | 29.300 |
| 4402 | 4.2 | 15.7 | 19.900 |
| 4403 | 4.7 | 15.1 | 19.800 |
| 4404 | 12.4 | 17.3 | 29.700 |
| 4501 | 20.2 | 8 | 28.200 |
| 4503 | 4.9 | 15.1 | 20.000 |
| 4504 | 12.5 | 17.2 | 29.700 |
| 4505 | 19.2 | 4.4 | 23.600 |
| 4601 | 15.4 | 18.9 | 34.300 |
| 4602 | 12.8 | 18.3 | 31.100 |
| 4603 | 13.5 | 18.5 | 32.000 |
| 4701 | 15.5 | 18.8 | 34.300 |
| 4702 | 12.8 | 17.8 | 30.600 |
| 4703 | 13.9 | 18.1 | 32.000 |

| | Thermal loads | | |
|---|---|---|---|
| Dwelling no. | Area adjusted heating load (in MJ/m²/yr) | Area adjusted cooling load (in MJ/m²/yr) | Area adjusted total load (in MJ/m²/yr) |
| 4801 | 25.4 | 9.1 | 34.500 |
| 4802 | 14.2 | 17.7 | 31.900 |
| 4803 | 8.5 | 19.4 | 27.900 |
| 801 | 24.2 | 10.8 | 35.000 |
| 802 | 26.8 | 6.7 | 33.500 |
| 803 | 24.4 | 9.5 | 33.900 |
| 804 | 10.3 | 10.1 | 20.400 |
| 805 | 8.4 | 10.2 | 18.600 |
| 806 | 25 | 7.8 | 32.800 |
| 807 | 28.5 | 5 | 33.500 |
| 808 | 30.6 | 3.6 | 34.200 |
| 809 | 30.6 | 3.7 | 34.300 |
| 810 | 25.9 | 3.8 | 29.700 |
| 901 | 22.8 | 8.1 | 30.900 |
| 902 | 22.9 | 11 | 33.900 |
| 903 | 13.7 | 11.1 | 24.800 |
| 904 | 9.2 | 11.5 | 20.700 |
| 905 | 8.1 | 10 | 18.100 |
| 906 | 21.1 | 9.2 | 30.300 |
| 907 | 24.2 | 6.4 | 30.600 |
| 908 | 28.3 | 5.4 | 33.700 |
| 909 | 26.4 | 4.6 | 31.000 |
| 910 | 23.20 | 3.90 | 27.100 |
| 1304, 1704 | 13.8 | 11.4 | 25.200 |
| 1401, 1501 | 21.6 | 11 | 32.600 |
| 1607, 1907 | 27.8 | 5.3 | 33.100 |
| 1608, 1708 | 24.2 | 3.6 | 27.800 |
| 1801, 1901 | 21.9 | 10.8 | 32.700 |
| 1904, 2204 | 13.4 | 11.2 | 24.600 |
| 1905, 2105 | 4.4 | 18.1 | 22.500 |
| 1908, 2008 | 24.4 | 3.6 | 28.000 |

| | Thermal loads | | |
|---|---|---|---|
| **Dwelling no.** | **Area adjusted heating load (in MJ/m²/yr)** | **Area adjusted cooling load (in MJ/m²/yr)** | **Area adjusted total load (in MJ/m²/yr)** |
| 2203, 2403 | 17.2 | 7.8 | 25.000 |
| 2205, 2405 | 4.5 | 18.3 | 22.800 |
| 2301, 2501 | 21.6 | 10.6 | 32.200 |
| 2302, 2402 | 23.3 | 9.7 | 33.000 |
| 2306, 2606 | 11.7 | 18.2 | 29.900 |
| 2406, 2506 | 11.6 | 18.1 | 29.700 |
| 2504, 2604 | 13.7 | 10.9 | 24.600 |
| 2702, 2902 | 23.9 | 9.7 | 33.600 |
| 2803, 2903 | 17.1 | 7.7 | 24.800 |
| 2905, 3005 | 4.7 | 17.2 | 21.900 |
| 3003, 3103 | 17.2 | 7.7 | 24.900 |
| 3503, 3603 | 13.2 | 9.1 | 22.300 |
| 3504, 4003 | 4.5 | 15.4 | 19.900 |
| 3701, 3801 | 17.5 | 7.4 | 24.900 |
| 3704, 4502 | 4.5 | 15.6 | 20.100 |
| 3706, 3806 | 25.9 | 5.3 | 31.200 |
| 3707, 3807 | 23.6 | 4.2 | 27.800 |
| All other dwellings | 19.1 | 4.4 | 23.500 |

### (c) Common areas and central systems/facilities

| (i) Water | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table. | | ✔ | ✔ |
| (b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table. | ✔ | ✔ | ✔ |
| (c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table. | ✔ | ✔ | |
| (d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table. | | ✔ | |
| (e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table. | | ✔ | ✔ |
| (f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table. | | ✔ | ✔ |

| Common area | Showerheads rating | Toilets rating | Taps rating | Clothes washers rating |
|---|---|---|---|---|
| All common areas | 4 star (> 6 but <= 7.5 L/min) | 4 star | 5 star | no common laundry facility |

| Central systems | Size | Configuration | Connection (to allow for...) |
|---|---|---|---|
| Swimming pool (No. 1) | Volume: 168 kLs | Location: Building1<br>Pool shaded: no | - |
| Fire sprinkler system (No. 1) | - | So that fire sprinkler test water is contained within the fire sprinkler system for re-use, rather than disposed. | - |

| (ii) Energy | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified. | | ✔ | ✔ |
| (b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified. | | ✔ | ✔ |

| (ii) Energy | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table. | ✔ | ✔ | ✔ |

| | Common area ventilation system | | Common area lighting | | |
|---|---|---|---|---|---|
| **Common area** | **Ventilation system type** | **Ventilation efficiency measure** | **Primary type of artificial lighting** | **Lighting efficiency measure** | **Lighting control system/ BMS** |
| Gym | air conditioning system | time clock or BMS controlled | light-emitting diode | zoned switching | yes |
| Waste Room - Resi | ventilation exhaust only | - | light-emitting diode | motion sensors | yes |
| Lvl.51 Plant Room | ventilation (supply + exhaust) | thermostatically controlled | light-emitting diode | motion sensors | yes |
| Building Manager | air conditioning system | time clock or BMS controlled | light-emitting diode | motion sensors | yes |
| Lvl. 7 Plant space | no mechanical ventilation | - | light-emitting diode | zoned switching with motion sensor | yes |
| Fire stairs - Resi | no mechanical ventilation | - | light-emitting diode | motion sensors | yes |
| Bathrooms - Lvl. 33 | ventilation exhaust only | time clock or BMS controlled | light-emitting diode | motion sensors | yes |
| Lvl. 50 Plant Space | no mechanical ventilation | - | light-emitting diode | zoned switching with motion sensor | yes |
| RESI - PWD | ventilation exhaust only | time clock or BMS controlled | light-emitting diode | motion sensors | yes |
| Service Room - Residential | ventilation supply only | time clock or BMS controlled | light-emitting diode | motion sensors | yes |
| Evening Lounge | air conditioning system | time clock or BMS controlled | light-emitting diode | zoned switching with motion sensor | yes |
| Resi Dinning | air conditioning system | time clock or BMS controlled | light-emitting diode | zoned switching with motion sensor | yes |
| Private Dinning | air conditioning system | time clock or BMS controlled | light-emitting diode | zoned switching with motion sensor | yes |
| Corridor - Lvl.33 | air conditioning system | time clock or BMS controlled | light-emitting diode | zoned switching with motion sensor | yes |
| Ground Lobby | air conditioning system | time clock or BMS controlled | light-emitting diode | zoned switching with motion sensor | yes |
| Resi Hallway | no mechanical ventilation | - | light-emitting diode | motion sensors | yes |

| Central energy systems | Type | Specification |
|---|---|---|
| Swimming pool (No. 1) | Heating source: electric heat pump | Pump controlled by timer: yes |

## 2. Commitments for common areas and central systems/facilities for the development (non-building specific)

### (a) Buildings 'Other'

| (i) Materials | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the “Floor types”, “External wall types”, “Internal wall types”, “Ceiling and roof types”, “Frames” and “Glazing” tables below. | | | ✔ |
| (b) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all specifications included in the tables below. | | ✔ | |
| (c) The applicant must construct the floors, walls, roof, ceiling and roof, windows, glazed doors and skylights of the development in accordance with the specifications listed in the tables below. In the case of glazing, a 5% variance from the area values listed in the “Frames” and “Glazing” tables is permitted. | ✔ | ✔ | ✔ |
| (d) The applicant must show through receipts that the materials purchased for construction are consistent with the specifications listed in the below tables. | | | ✔ |

**Floor types**

| Floor type | Area (m2) | Insulation | Low emissions option |
|---|---|---|---|
| garage floor, frame: suspended concrete slab | 16133.51 | - | - |

**External wall types**

| External wall type | Construction type | Area (m2) | Low emissions option | Insulation |
|---|---|---|---|---|
| External wall type 1 | concrete block/ plasterboard,frame:light steel frame | 1200 | - | - |

**Internal wall types**

| Internal wall type | Construction type | Area (m2) | Insulation |
|---|---|---|---|
| Internal wall type 1 | plasterboard, frame:light steel frame | 700 | - |

**Reinforcement concrete frames/columns**

| Building has reinforced concrete frame/columns? | Volume ($m^3$) | Low emissions option |
|---|---|---|
| - | - | - |

| Ceiling and roof types | | | |
|---|---|---|---|
| Ceiling and roof type | Area (m²) | Roof Insulation | Ceiling Insulation |
| - | - | - | |

| Glazing types | | | Frame types | | | | |
|---|---|---|---|---|---|---|---|
| Single glazing (m²) | Double glazing (m²) | Triple glazing (m²) | Aluminium frames (m²) | Timber frames (m²) | uPVC frames (m²) | Steel frames (m²) | Composite frames (m²) |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

### (b) Common areas and central systems/facilities

| (i) Water | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table. | | ✔ | ✔ |
| (b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table. | ✔ | ✔ | ✔ |
| (c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table. | ✔ | ✔ | |
| (d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table. | | ✔ | |
| (e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table. | | ✔ | ✔ |
| (f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table. | | ✔ | ✔ |

| Common area | Showerheads rating | Toilets rating | Taps rating | Clothes washers rating |
|---|---|---|---|---|
| All common areas | 4 star (> 6 but <= 7.5 L/min) | 4 star | 5 star | no common laundry facility |

| Central systems | Size | Configuration | Connection (to allow for...) |
|---|---|---|---|
| Central water tank - rainwater or stormwater (No. 1) | 5000 | To collect run-off from at least:<br>- 500 square metres of roof area of buildings in the development<br>- 0 square metres of impervious area in the development<br>- 0 square metres of garden/lawn area in the development<br>- 0 square metres of planter box area in the development<br>(excluding, in each case, any area which drains to, or supplies, any other alternative water supply system). | - irrigation of 559 square metres of common landscaped area on the site<br>- car washing in 1 car washing bays on the site |
| Fire sprinkler system (No. 2) | - | So that fire sprinkler test water is contained within the fire sprinkler system for re-use, rather than disposed. | - |

| (ii) Energy | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|---|---|---|
| (a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified. | | ✔ | ✔ |
| (b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified. | | ✔ | ✔ |
| (c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table. | ✔ | ✔ | ✔ |

| | Common area ventilation system | | Common area lighting | | |
|---|---|---|---|---|---|
| Common area | Ventilation system type | Ventilation efficiency measure | Primary type of artificial lighting | Lighting efficiency measure | Lighting control system/ BMS |
| Lift bank (No. 1) | - | - | light-emitting diode | connected to lift call button | yes |
| Lift bank (No. 2) | - | - | light-emitting diode | connected to lift call button | yes |
| Carpark | ventilation (supply + exhaust) | carbon monoxide monitor + VSD fan | light-emitting diode | zoned switching with motion sensor | yes |
| Main Switch Room | ventilation supply only | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Residential Waste | ventilation exhaust only | - | light-emitting diode | motion sensors | yes |
| Chute Discharge Room | ventilation exhaust only | - | light-emitting diode | motion sensors | yes |
| FOGO | ventilation exhaust only | - | light-emitting diode | motion sensors | yes |
| Carpark Ventilation Fan Room | ventilation supply only | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Substation | ventilation (supply + exhaust) | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Residential Communications | ventilation supply only | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Grease Arrestor | ventilation supply only | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Fire Pump Room | ventilation supply only | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Fire Water Storage Tank Room | ventilation supply only | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Rainwater Tank | ventilation (supply + exhaust) | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Cold Water Plant | ventilation (supply + exhaust) | thermostatically controlled | light-emitting diode | manual on / manual off | yes |

| | Common area ventilation system | | Common area lighting | | |
|---|---|---|---|---|---|
| **Common area** | **Ventilation system type** | **Ventilation efficiency measure** | **Primary type of artificial lighting** | **Lighting efficiency measure** | **Lighting control system/ BMS** |
| Hot Water Plant | ventilation (supply + exhaust) | thermostatically controlled | light-emitting diode | manual on / manual off | yes |
| Firestairs - Basement | no mechanical ventilation | - | light-emitting diode | motion sensors | yes |
| Basement Storage Area | no mechanical ventilation | - | light-emitting diode | motion sensors | yes |
| Service Corridor | ventilation supply only | time clock or BMS controlled | light-emitting diode | motion sensors | yes |
| Service Room - Basement | ventilation supply only | time clock or BMS controlled | fluorescent | motion sensors | yes |
| Fire Control Room | ventilation supply only | time clock or BMS controlled | light-emitting diode | manual on / manual off | yes |

| Central energy systems | Type | Specification |
|---|---|---|
| Lift bank (No. 1) | gearless traction with V V V F motor and regenerative drive | Number of levels (including basement): 39<br>number of levels from the bottom of the lift shaft to the top of the lift shaft: 56<br>number of lifts: 3<br>lift load capacity: >= 1001 kg but <= 1500kg |
| Lift bank (No. 2) | gearless traction with V V V F motor and regenerative drive | Number of levels (including basement): 39<br>number of levels from the bottom of the lift shaft to the top of the lift shaft: 56<br>number of lifts: 3<br>lift load capacity: >= 1001 kg but <= 1500kg |
| Central hot water system (No. 1) | electric heat pump – air sourced | Piping insulation (ringmain & supply risers):<br>(a) Piping external to building: R0.3 (~13 mm);<br>(b) Piping internal to building: R0.3 (~13 mm)<br>(c) Unit Efficiency: 3.0 < COP <= 3.5 |
| Alternative energy supply | Photovoltaic system | Rated electrical output (min): 50 peak kW |
| Other | Building management system installed?: yes | - |

## Notes

| |
|---|
| 1. In these commitments, "applicant" means the person carrying out the development. |
| 2. The applicant must identify each dwelling, building and common area listed in this certificate, on the plans accompanying any development application, and on the plans and specifications accompanying the application for a construction certificate / complying development certificate, for the proposed development, using the same identifying letter or reference as is given to that dwelling, building or common area in this certificate. |
| 3. This note applies if the proposed development involves the erection of a building for both residential and non-residential purposes (or the change of use of a building for both residential and non-residential purposes). Commitments in this certificate which are specified to apply to a "common area" of a building or the development, apply only to that part of the building or development to be used for residential purposes. |
| 4. If this certificate lists a central system as a commitment for a dwelling or building, and that system will also service any other dwelling or building within the development, then that system need only be installed once (even if it is separately listed as a commitment for that other dwelling or building). |
| 5. If a star or other rating is specified in a commitment, this is a minimum rating. |
| 6. All alternative water systems to be installed under these commitments (if any), must be installed in accordance with the requirements of all applicable regulatory authorities. NOTE: NSW Health does not recommend that stormwater, recycled water or private dam water be used to irrigate edible plants which are consumed raw, or that rainwater be used for human consumption in areas with potable water supply. |

## Legend

| |
|---|
| 1. 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). |
| 2. Commitments identified with a "✔" in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development. |
| 3. Commitments identified with a "✔" in the "Certifier check" column must be certified by a certifying authority as having been fulfilled. (Note: a certifying authority must not issue an occupation certificate (either interim or final) for a building listed in this certificate, or for any part of such a building, unless it is satisfied that each of the commitments whose fulfilment it is required to monitor in relation to the building or part, has been fulfilled). |

# Appendix B NatHERS Group Certificate

Refer to next page.

# Nationwide House Energy Rating Scheme®
# Class 2 Summary
# NatHERS® Certificate No. NU0FQWEBC1

**Generated on 7 Aug 2025 using FirstRate5 v5.5.5a**

## Property

| | |
|---|---|
| **Address** | 153-157 Walker Street,<br>North Sydney, NSW, 2060 |
| **Lot/DP** | |
| **NatHERS Climate Zone** | Sydney RO (Observatory Hill) |

## Accredited assessor

| | |
|---|---|
| **Name** | E-LAB Consulting |
| **Business name** | E-LAB Consulting |
| **Email** | navid.aghdaei@e-lab.com.au |
| **Phone** | 0447343451 |
| **Accreditation No.** | DMN/20/1972 |

**Assessor Accrediting Organisation**
Design Matters National

## Verification

To verify this certificate, scan the QR code or visit https://www.fr5.com.au/QRCodeLanding?PublicId=NU0FQWEBC1&GrpCert=1
When using either link, ensure you are visiting www.fr5.com.au.

**National Construction Code (NCC) requirements**

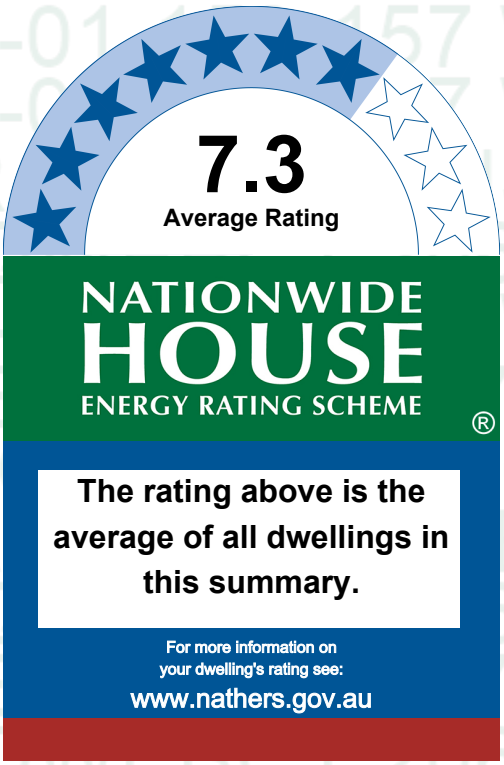
The NCC allows the use of NatHERS accredited software to comply with the energy efficiency requirements for houses (Class 1 buildings) and apartments (Class 2 sole-occupancy units and Class 4 parts of buildings). The applicable requirements for houses are detailed in Specification 42 of NCC Volume Two. For apartments the requirements are detailed in clauses J3D3 and J3D15 of NCC Volume One.

NCC 2022 includes enhanced thermal performance requirements for houses and apartments. It also includes a new whole-of-home annual energy use budget which applies to the major equipment in the home.

The NCC, and associated ABCB Standards and support material, can be accessed at www.abcb.gov.au.

Note, variations and additions to the NCC energy efficiency requirements may apply in some states and territories.

## Thermal performance Star rating




## NCC heating and cooling maximum loads MJ/m²/p.a.

**Limits taken from ABCB Standard 2022**

| | Heating | Cooling |
|---|---|---|
| **Modelled block average** | 17.5 | 10.5 |
| **Maximum allowable limit** | N/A | N/A |

## Whole of Home performance rating

No Whole of Home performance rating conducted for this summary certificate
or
not completed for all dwellings

**The rating above is the lowest of all dwellings in this summary**

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| 67R87V7VR7 | 08-01 | 24.0 ( N/A ) | 10.8 ( N/A ) | 34.8 | 6.5 | NA |
| 4CX2KNEP9R | 08-02 | 26.8 ( N/A ) | 6.7 ( N/A ) | 33.5 | 6.7 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| 9JPTDFW619 | 08-03 | 24.4 ( N/A ) | 9.5 ( N/A ) | 33.9 | 6.6 | NA |
| X1LGXRSQQ7 | 08-04 | 10.3 ( N/A ) | 10.1 ( N/A ) | 20.4 | 8.2 | NA |
| O6J7G51G93 | 08-05 | 8.4 ( N/A ) | 10.2 ( N/A ) | 18.6 | 8.4 | NA |
| JXPHVWS751 | 08-06 | 25.0 ( N/A ) | 7.8 ( N/A ) | 32.8 | 6.7 | NA |
| 9B3RKD0QF2 | 08-07 | 28.5 ( N/A ) | 5.0 ( N/A ) | 33.5 | 6.7 | NA |
| 4Y8CCCARMH | 08-08 | 30.7 ( N/A ) | 3.6 ( N/A ) | 34.3 | 6.6 | NA |
| NP680ALDVA | 08-09 | 30.6 ( N/A ) | 3.7 ( N/A ) | 34.3 | 6.6 | NA |
| 8VUY8ND2XD | 08-10 | 25.9 ( N/A ) | 3.8 ( N/A ) | 29.7 | 7 | NA |
| ELBH8VYNFT | 09-01 | 23.6 ( N/A ) | 8.1 ( N/A ) | 31.7 | 6.8 | NA |
| WAUYOUE51K | 09-02 | 22.9 ( N/A ) | 11.0 ( N/A ) | 33.9 | 6.6 | NA |
| 2X4E3JDJEZ | 09-03 | 13.7 ( N/A ) | 11.1 ( N/A ) | 24.8 | 7.7 | NA |
| 9I4JDBNZ9E | 09-04 | 9.2 ( N/A ) | 11.5 ( N/A ) | 20.7 | 8.2 | NA |
| L78CO8A6KO | 09-05 | 8.1 ( N/A ) | 10.0 ( N/A ) | 18.1 | 8.4 | NA |
| IHANKRQ7NZ | 09-06 | 21.1 ( N/A ) | 9.2 ( N/A ) | 30.3 | 6.9 | NA |
| SPJPUOGKUN | 09-07 | 24.2 ( N/A ) | 6.4 ( N/A ) | 30.6 | 6.9 | NA |
| GO6W84Y2Z5 | 09-08 | 28.3 ( N/A ) | 5.4 ( N/A ) | 33.7 | 6.6 | NA |
| JG9ZQ1HQ9V | 09-09 | 26.4 ( N/A ) | 4.6 ( N/A ) | 31.0 | 6.9 | NA |
| UQMJW6YSRA | 09-10 | 23.2 ( N/A ) | 3.9 ( N/A ) | 27.1 | 7.4 | NA |
| 1ZL7H4KNOQ | 10-01 | 23.4 ( N/A ) | 9.0 ( N/A ) | 32.4 | 6.8 | NA |
| 2YHRPLQT92 | 10-02 | 21.5 ( N/A ) | 11.4 ( N/A ) | 32.9 | 6.7 | NA |
| G0L82ZCWAC | 10-03 | 15.7 ( N/A ) | 8.0 ( N/A ) | 23.7 | 7.8 | NA |
| GGKZET4BSW | 10-04 | 13.3 ( N/A ) | 11.9 ( N/A ) | 25.2 | 7.6 | NA |
| R3CS36I43K | 10-05 | 11.0 ( N/A ) | 10.7 ( N/A ) | 21.7 | 8 | NA |
| 4JHVKRIA93 | 10-06 | 19.1 ( N/A ) | 9.1 ( N/A ) | 28.2 | 7.2 | NA |
| WOOFZ5AI0T | 10-07 | 22.7 ( N/A ) | 7.4 ( N/A ) | 30.1 | 6.9 | NA |
| QOBNLNY3F6 | 10-08 | 25.8 ( N/A ) | 7.5 ( N/A ) | 33.3 | 6.7 | NA |
| QH20WBWV5D | 10-09 | 26.8 ( N/A ) | 5.4 ( N/A ) | 32.2 | 6.8 | NA |
| 7P9JHOCPYU | 10-10 | 23.9 ( N/A ) | 4.1 ( N/A ) | 28.0 | 7.2 | NA |
| NUHIBT5WZI | 11-01 | 22.0 ( N/A ) | 11.3 ( N/A ) | 33.3 | 6.7 | NA |
| 91XJ08RBSS | 11-02 | 21.8 ( N/A ) | 10.7 ( N/A ) | 32.5 | 6.8 | NA |
| 67U8N0056U | 11-03 | 15.9 ( N/A ) | 8.1 ( N/A ) | 24.0 | 7.8 | NA |
| 73B9G1CHH5 | 11-04 | 13.4 ( N/A ) | 11.6 ( N/A ) | 25.0 | 7.6 | NA |
| 3A0ELTUJTE | 11-05 | 10.9 ( N/A ) | 10.5 ( N/A ) | 21.4 | 8.1 | NA |
| XSXAA53L4K | 11-06 | 18.6 ( N/A ) | 10.1 ( N/A ) | 28.7 | 7.2 | NA |
| TPQJXLM0DQ | 11-07 | 20.1 ( N/A ) | 8.7 ( N/A ) | 28.8 | 7.2 | NA |
| 7M9N1FVT9F | 11-08 | 20.9 ( N/A ) | 13.6 ( N/A ) | 34.5 | 6.6 | NA |
| S274SMJBQN | 11-09 | 26.9 ( N/A ) | 5.4 ( N/A ) | 32.3 | 6.8 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| WJZGX1O9ZV | 11-10 | 23.4 ( N/A ) | 4.1 ( N/A ) | 27.5 | 7.3 | NA |
| P5GNNE31ND | 12-01 | 22.1 ( N/A ) | 11.3 ( N/A ) | 33.4 | 6.7 | NA |
| 8XVW50IZQ7 | 12-02 | 20.9 ( N/A ) | 11.0 ( N/A ) | 31.9 | 6.8 | NA |
| 4WPKLPYJ90 | 12-03 | 16.1 ( N/A ) | 8.2 ( N/A ) | 24.3 | 7.7 | NA |
| QIGPKFH0A6 | 12-04 | 13.7 ( N/A ) | 11.5 ( N/A ) | 25.2 | 7.6 | NA |
| 28NAHEZBYO | 12-05 | 11.2 ( N/A ) | 10.7 ( N/A ) | 21.9 | 8 | NA |
| I4YA6R4GHG | 12-06 | 17.5 ( N/A ) | 11.0 ( N/A ) | 28.5 | 7.2 | NA |
| STC9GMSNDD | 12-07 | 16.9 ( N/A ) | 8.8 ( N/A ) | 25.7 | 7.5 | NA |
| 3H8GX7DCQN | 12-08 | 19.0 ( N/A ) | 16.1 ( N/A ) | 35.1 | 6.4 | NA |
| 2E3MJSNSS9 | 12-09 | 27.2 ( N/A ) | 5.3 ( N/A ) | 32.5 | 6.8 | NA |
| VDJZU4AQWX | 12-10 | 23.7 ( N/A ) | 3.7 ( N/A ) | 27.4 | 7.3 | NA |
| 7MMXNFJSCQ | 13-01 | 22.3 ( N/A ) | 11.2 ( N/A ) | 33.5 | 6.7 | NA |
| 2K6FZNN45S | 13-02 | 21.1 ( N/A ) | 10.9 ( N/A ) | 32.0 | 6.8 | NA |
| W2W3L0ZIWV | 13-03 | 16.2 ( N/A ) | 8.2 ( N/A ) | 24.4 | 7.7 | NA |
| G4KM634910 | 13-04 | 13.8 ( N/A ) | 11.4 ( N/A ) | 25.2 | 7.6 | NA |
| UY3OPL4E72 | 13-05 | 11.2 ( N/A ) | 10.8 ( N/A ) | 22.0 | 8 | NA |
| LN1LF868WM | 13-06 | 14.9 ( N/A ) | 11.3 ( N/A ) | 26.2 | 7.4 | NA |
| M01PQCDF21 | 13-07 | 13.0 ( N/A ) | 9.5 ( N/A ) | 22.5 | 7.9 | NA |
| 8CFN9QU8C7 | 13-08 | 14.9 ( N/A ) | 18.3 ( N/A ) | 33.2 | 6.7 | NA |
| J24BXJCUQL | 13-09 | 27.3 ( N/A ) | 5.3 ( N/A ) | 32.6 | 6.7 | NA |
| T0R74BDGOQ | 13-10 | 23.8 ( N/A ) | 3.8 ( N/A ) | 27.6 | 7.3 | NA |
| UBX5UPAI5L | 14-01 | 21.7 ( N/A ) | 11.1 ( N/A ) | 32.8 | 6.7 | NA |
| X2DHUD6U1V | 14-02 | 22.0 ( N/A ) | 10.2 ( N/A ) | 32.2 | 6.8 | NA |
| VC3WR7C7YX | 14-03 | 16.3 ( N/A ) | 8.0 ( N/A ) | 24.3 | 7.7 | NA |
| ZIOISV9Q0W | 14-04 | 14.0 ( N/A ) | 11.5 ( N/A ) | 25.5 | 7.6 | NA |
| A86EO43T2I | 14-05 | 11.4 ( N/A ) | 10.8 ( N/A ) | 22.2 | 7.9 | NA |
| 1RZYQUTM43 | 14-06 | 13.2 ( N/A ) | 11.7 ( N/A ) | 24.9 | 7.6 | NA |
| PN9GRPXK6H | 14-07 | 11.5 ( N/A ) | 9.9 ( N/A ) | 21.4 | 8.1 | NA |
| Z8EJ1Z0K8K | 14-08 | 13.0 ( N/A ) | 19.2 ( N/A ) | 32.2 | 6.8 | NA |
| PTYE10DL2S | 14-09 | 27.5 ( N/A ) | 5.3 ( N/A ) | 32.8 | 6.7 | NA |
| 0BHIXGK9SA | 14-10 | 24.0 ( N/A ) | 3.5 ( N/A ) | 27.5 | 7.3 | NA |
| 2R0Q17PM8Z | 15-01 | 21.7 ( N/A ) | 11.1 ( N/A ) | 32.8 | 6.7 | NA |
| GHN9UVR6LO | 15-02 | 22.2 ( N/A ) | 10.3 ( N/A ) | 32.5 | 6.8 | NA |
| QGBWZRH596 | 15-03 | 16.3 ( N/A ) | 8.2 ( N/A ) | 24.5 | 7.7 | NA |
| 0LZF7MVYAK | 15-04 | 14.1 ( N/A ) | 11.4 ( N/A ) | 25.5 | 7.6 | NA |
| 9426GICENE | 15-05 | 4.3 ( N/A ) | 18.8 ( N/A ) | 23.1 | 7.9 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| ISHXLF7K66 | 15-06 | 11.1 ( N/A ) | 18.8 ( N/A ) | 29.9 | 7 | NA |
| 5TWN5C29W4 | 15-07 | 27.6 ( N/A ) | 5.2 ( N/A ) | 32.8 | 6.7 | NA |
| ERYJB32WUE | 15-08 | 24.1 ( N/A ) | 3.6 ( N/A ) | 27.7 | 7.3 | NA |
| 0XJFZSH9A0 | 16-01 | 21.8 ( N/A ) | 11.0 ( N/A ) | 32.8 | 6.7 | NA |
| F7F6ZRHTTT | 16-02 | 22.4 ( N/A ) | 9.8 ( N/A ) | 32.2 | 6.8 | NA |
| THLGV5FAPI | 16-03 | 16.5 ( N/A ) | 8.3 ( N/A ) | 24.8 | 7.7 | NA |
| XA4G9ORQIP | 16-04 | 13.9 ( N/A ) | 11.5 ( N/A ) | 25.4 | 7.6 | NA |
| O4Z9UF9EMS | 16-05 | 4.2 ( N/A ) | 18.8 ( N/A ) | 23.0 | 7.9 | NA |
| GMNSA2U6QF | 16-06 | 11.1 ( N/A ) | 18.9 ( N/A ) | 30.0 | 7 | NA |
| 85WGOCQG92 | 16-07 | 27.8 ( N/A ) | 5.3 ( N/A ) | 33.1 | 6.7 | NA |
| 7QHO0VKY8K | 16-08 | 24.2 ( N/A ) | 3.6 ( N/A ) | 27.8 | 7.3 | NA |
| G3YDH18QLQ | 17-01 | 21.9 ( N/A ) | 10.9 ( N/A ) | 32.8 | 6.7 | NA |
| UM3I78OQUW | 17-02 | 22.6 ( N/A ) | 9.8 ( N/A ) | 32.4 | 6.8 | NA |
| 9QRVCYEXGQ | 17-03 | 18.8 ( N/A ) | 7.9 ( N/A ) | 26.7 | 7.4 | NA |
| YN9HXLAEW2 | 17-04 | 13.8 ( N/A ) | 11.4 ( N/A ) | 25.2 | 7.6 | NA |
| JF8V2CO2TF | 17-05 | 4.3 ( N/A ) | 18.5 ( N/A ) | 22.8 | 7.9 | NA |
| VZGMSJ7VVL | 17-06 | 11.2 ( N/A ) | 18.8 ( N/A ) | 30.0 | 7 | NA |
| 3YMWUZNLWR | 17-07 | 27.7 ( N/A ) | 5.2 ( N/A ) | 32.9 | 6.7 | NA |
| ZV5URCZVY8 | 17-08 | 24.2 ( N/A ) | 3.6 ( N/A ) | 27.8 | 7.3 | NA |
| SXK02HVF8Z | 18-01 | 21.9 ( N/A ) | 10.9 ( N/A ) | 32.8 | 6.7 | NA |
| U2KKQFYXIA | 18-02 | 22.7 ( N/A ) | 9.8 ( N/A ) | 32.5 | 6.8 | NA |
| U4QH244KWP | 18-03 | 16.8 ( N/A ) | 8.2 ( N/A ) | 25.0 | 7.6 | NA |
| UAW7A2MA30 | 18-04 | 13.6 ( N/A ) | 11.2 ( N/A ) | 24.8 | 7.7 | NA |
| NOAPG2UAG4 | 18-05 | 4.3 ( N/A ) | 18.2 ( N/A ) | 22.5 | 7.9 | NA |
| 5BD6MNDNGR | 18-06 | 11.3 ( N/A ) | 18.5 ( N/A ) | 29.8 | 7 | NA |
| AVOM9T9MNG | 18-07 | 27.7 ( N/A ) | 5.3 ( N/A ) | 33.0 | 6.7 | NA |
| VQ3CQM89X4 | 18-08 | 24.3 ( N/A ) | 3.6 ( N/A ) | 27.9 | 7.3 | NA |
| GFQ4VK4HYM | 19-01 | 22.0 ( N/A ) | 10.8 ( N/A ) | 32.8 | 6.7 | NA |
| XZNCXAQKKP | 19-02 | 22.8 ( N/A ) | 9.8 ( N/A ) | 32.6 | 6.7 | NA |
| P4Q7Z44JSU | 19-03 | 16.8 ( N/A ) | 8.3 ( N/A ) | 25.1 | 7.6 | NA |
| TH8XB0933J | 19-04 | 13.4 ( N/A ) | 11.2 ( N/A ) | 24.6 | 7.7 | NA |
| VDXH8EPDJP | 19-05 | 4.4 ( N/A ) | 18.1 ( N/A ) | 22.5 | 7.9 | NA |
| ZOEZHXV1I8 | 19-06 | 11.4 ( N/A ) | 18.4 ( N/A ) | 29.8 | 7 | NA |
| W95M350JG8 | 19-07 | 27.8 ( N/A ) | 5.3 ( N/A ) | 33.1 | 6.7 | NA |
| SSEBCH88AK | 19-08 | 24.4 ( N/A ) | 3.6 ( N/A ) | 28.0 | 7.3 | NA |
| KETF29ETGX | 20-01 | 22.0 ( N/A ) | 10.7 ( N/A ) | 32.7 | 6.7 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| YXTPVSBN0M | 20-02 | 22.9 ( N/A ) | 10.4 ( N/A ) | 33.3 | 6.7 | NA |
| XGCZNHBU5P | 20-03 | 17.0 ( N/A ) | 8.1 ( N/A ) | 25.1 | 7.6 | NA |
| QOEIQIQL7M | 20-04 | 13.3 ( N/A ) | 11.4 ( N/A ) | 24.7 | 7.7 | NA |
| U9VHXJ2GY7 | 20-05 | 4.4 ( N/A ) | 17.9 ( N/A ) | 22.3 | 7.9 | NA |
| ZLCW3EC42V | 20-06 | 11.4 ( N/A ) | 18.3 ( N/A ) | 29.7 | 7 | NA |
| 7UY1HJSK9M | 20-07 | 27.7 ( N/A ) | 5.4 ( N/A ) | 33.1 | 6.7 | NA |
| C0PO1XV4CD | 20-08 | 24.4 ( N/A ) | 3.6 ( N/A ) | 28.0 | 7.3 | NA |
| P5670FMSPM | 21-01 | 22.1 ( N/A ) | 10.7 ( N/A ) | 32.8 | 6.7 | NA |
| GVTMOAK3AN | 21-02 | 23.3 ( N/A ) | 9.8 ( N/A ) | 33.1 | 6.7 | NA |
| 1RHL595Y4F | 21-03 | 16.9 ( N/A ) | 8.0 ( N/A ) | 24.9 | 7.6 | NA |
| SH2YGBY1AB | 21-04 | 13.3 ( N/A ) | 11.3 ( N/A ) | 24.6 | 7.7 | NA |
| 6A5XGQGD90 | 21-05 | 4.4 ( N/A ) | 18.1 ( N/A ) | 22.5 | 7.9 | NA |
| N13YM7YUC1 | 21-06 | 11.5 ( N/A ) | 18.2 ( N/A ) | 29.7 | 7 | NA |
| JYXK3834FN | 21-07 | 27.8 ( N/A ) | 5.4 ( N/A ) | 33.2 | 6.7 | NA |
| MT28R0VUFO | 21-08 | 24.4 ( N/A ) | 4.1 ( N/A ) | 28.5 | 7.2 | NA |
| 22YE21NDMI | 22-01 | 22.1 ( N/A ) | 10.6 ( N/A ) | 32.7 | 6.7 | NA |
| NDYJ2INU3H | 22-02 | 23.1 ( N/A ) | 10.2 ( N/A ) | 33.3 | 6.7 | NA |
| G26QMJXDI2 | 22-03 | 17.2 ( N/A ) | 7.8 ( N/A ) | 25.0 | 7.6 | NA |
| LEOY9Q9TSC | 22-04 | 13.4 ( N/A ) | 11.2 ( N/A ) | 24.6 | 7.7 | NA |
| U0S79I4TGI | 22-05 | 4.5 ( N/A ) | 18.3 ( N/A ) | 22.8 | 7.9 | NA |
| NB080P5CZ8 | 22-06 | 11.6 ( N/A ) | 17.8 ( N/A ) | 29.4 | 7.1 | NA |
| 2T506JZAKL | 22-07 | 27.6 ( N/A ) | 5.4 ( N/A ) | 33.0 | 6.7 | NA |
| I4C1W739WF | 22-08 | 24.4 ( N/A ) | 3.7 ( N/A ) | 28.1 | 7.2 | NA |
| 8PY8HKNQ7T | 23-01 | 21.8 ( N/A ) | 10.6 ( N/A ) | 32.4 | 6.8 | NA |
| V73TJB41A0 | 23-02 | 23.3 ( N/A ) | 9.7 ( N/A ) | 33.0 | 6.7 | NA |
| T4J4AT88L3 | 23-03 | 17.4 ( N/A ) | 7.5 ( N/A ) | 24.9 | 7.6 | NA |
| W5PU9N46TV | 23-04 | 13.5 ( N/A ) | 10.9 ( N/A ) | 24.4 | 7.7 | NA |
| 5IC10KBTSV | 23-05 | 4.5 ( N/A ) | 18.2 ( N/A ) | 22.7 | 7.9 | NA |
| CC96WEG38Y | 23-06 | 11.7 ( N/A ) | 18.2 ( N/A ) | 29.9 | 7 | NA |
| MPFE70SJU5 | 23-07 | 27.5 ( N/A ) | 5.4 ( N/A ) | 32.9 | 6.7 | NA |
| 7LVKQ0Y29Q | 23-08 | 24.3 ( N/A ) | 3.7 ( N/A ) | 28.0 | 7.2 | NA |
| 4R7CUYOXKK | 24-01 | 21.7 ( N/A ) | 10.6 ( N/A ) | 32.3 | 6.8 | NA |
| E4A3I6X63Q | 24-02 | 23.3 ( N/A ) | 9.7 ( N/A ) | 33.0 | 6.7 | NA |
| JGRON3S6AZ | 24-03 | 17.2 ( N/A ) | 7.8 ( N/A ) | 25.0 | 7.6 | NA |
| NSVB0JXDFM | 24-04 | 13.5 ( N/A ) | 10.8 ( N/A ) | 24.3 | 7.7 | NA |
| UYR9WB08EK | 24-05 | 4.5 ( N/A ) | 18.3 ( N/A ) | 22.8 | 7.9 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| BCJRQC29MQ | 24-06 | 11.6 ( N/A ) | 18.1 ( N/A ) | 29.7 | 7 | NA |
| 60R87FA405 | 24-07 | 27.2 ( N/A ) | 5.5 ( N/A ) | 32.7 | 6.7 | NA |
| 3700EKEHEG | 24-08 | 24.1 ( N/A ) | 3.7 ( N/A ) | 27.8 | 7.3 | NA |
| XR65AFYNEG | 25-01 | 21.7 ( N/A ) | 10.6 ( N/A ) | 32.3 | 6.8 | NA |
| XG9PK2RXIG | 25-02 | 23.5 ( N/A ) | 9.5 ( N/A ) | 33.0 | 6.7 | NA |
| J6QQQEOZQV | 25-03 | 17.3 ( N/A ) | 7.8 ( N/A ) | 25.1 | 7.6 | NA |
| J1DVBWQI46 | 25-04 | 13.7 ( N/A ) | 10.9 ( N/A ) | 24.6 | 7.7 | NA |
| 4HVIW86XNC | 25-05 | 4.5 ( N/A ) | 17.9 ( N/A ) | 22.4 | 7.9 | NA |
| PD6BC1VOWY | 25-06 | 11.6 ( N/A ) | 18.1 ( N/A ) | 29.7 | 7 | NA |
| WIU8XNRRKJ | 25-07 | 27.0 ( N/A ) | 5.6 ( N/A ) | 32.6 | 6.8 | NA |
| 2JKPLTUVMQ | 25-08 | 24.0 ( N/A ) | 3.9 ( N/A ) | 27.9 | 7.3 | NA |
| A4EOUN8EXD | 26-01 | 21.6 ( N/A ) | 10.6 ( N/A ) | 32.2 | 6.8 | NA |
| MH8ZQ0FJZY | 26-02 | 23.9 ( N/A ) | 9.5 ( N/A ) | 33.4 | 6.7 | NA |
| XO028MOL6A | 26-03 | 17.6 ( N/A ) | 7.7 ( N/A ) | 25.3 | 7.6 | NA |
| FSV72OIZHL | 26-04 | 13.7 ( N/A ) | 10.9 ( N/A ) | 24.6 | 7.7 | NA |
| WBXD2LU2Y9 | 26-05 | 4.6 ( N/A ) | 18.0 ( N/A ) | 22.6 | 7.9 | NA |
| N5CBY12QZG | 26-06 | 11.7 ( N/A ) | 18.2 ( N/A ) | 29.9 | 7 | NA |
| O2FMWO2QG7 | 26-07 | 26.8 ( N/A ) | 5.6 ( N/A ) | 32.4 | 6.8 | NA |
| YRTAQKEU0V | 26-08 | 23.9 ( N/A ) | 3.9 ( N/A ) | 27.8 | 7.3 | NA |
| XUSZAU0ZOK | 27-01 | 21.6 ( N/A ) | 10.6 ( N/A ) | 32.2 | 6.8 | NA |
| 8LK1JHS3BG | 27-02 | 23.9 ( N/A ) | 9.7 ( N/A ) | 33.6 | 6.6 | NA |
| A2RDD1H708 | 27-03 | 17.7 ( N/A ) | 7.6 ( N/A ) | 25.3 | 7.6 | NA |
| JH0UKMDAJB | 27-04 | 13.6 ( N/A ) | 10.8 ( N/A ) | 24.4 | 7.7 | NA |
| SJXJSNH11J | 27-05 | 4.6 ( N/A ) | 17.6 ( N/A ) | 22.2 | 7.9 | NA |
| 1LSTKSJUBD | 27-06 | 11.7 ( N/A ) | 17.9 ( N/A ) | 29.6 | 7.1 | NA |
| LW4CB0VZR6 | 27-07 | 26.4 ( N/A ) | 5.7 ( N/A ) | 32.1 | 6.8 | NA |
| ESUAYBRBPL | 27-08 | 23.7 ( N/A ) | 3.9 ( N/A ) | 27.6 | 7.3 | NA |
| ZRNWU7ZGJ2 | 28-01 | 21.6 ( N/A ) | 10.8 ( N/A ) | 32.4 | 6.8 | NA |
| DS8FZ6PUH1 | 28-02 | 24.2 ( N/A ) | 9.7 ( N/A ) | 33.9 | 6.6 | NA |
| LNSGC9XCB6 | 28-03 | 17.6 ( N/A ) | 7.7 ( N/A ) | 25.3 | 7.6 | NA |
| AHE0N4IHRD | 28-04 | 13.9 ( N/A ) | 10.6 ( N/A ) | 24.5 | 7.7 | NA |
| BOPY2VUPK2 | 28-05 | 4.6 ( N/A ) | 17.5 ( N/A ) | 22.1 | 7.9 | NA |
| V64YTHGTRL | 28-06 | 11.7 ( N/A ) | 18.0 ( N/A ) | 29.7 | 7 | NA |
| HGLA16NI15 | 28-07 | 26.1 ( N/A ) | 5.6 ( N/A ) | 31.7 | 6.8 | NA |
| QOUZ8E9AQD | 28-08 | 23.5 ( N/A ) | 4.2 ( N/A ) | 27.7 | 7.3 | NA |
| RPQ00T6T74 | 29-01 | 21.4 ( N/A ) | 10.8 ( N/A ) | 32.2 | 6.8 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| 119XOF4UBL | 29-02 | 23.9 ( N/A ) | 9.7 ( N/A ) | 33.6 | 6.7 | NA |
| 1WIDQ5I60F | 29-03 | 17.6 ( N/A ) | 7.6 ( N/A ) | 25.2 | 7.6 | NA |
| ZMRWRTK0XL | 29-04 | 13.9 ( N/A ) | 10.4 ( N/A ) | 24.3 | 7.7 | NA |
| GQNXDVAWKQ | 29-05 | 4.7 ( N/A ) | 17.2 ( N/A ) | 21.9 | 8 | NA |
| 4IZ46TGG6F | 29-06 | 11.6 ( N/A ) | 18.2 ( N/A ) | 29.8 | 7 | NA |
| SYPH4LU32Y | 29-07 | 25.6 ( N/A ) | 5.9 ( N/A ) | 31.5 | 6.9 | NA |
| O3ZFGKMANP | 29-08 | 23.1 ( N/A ) | 4.1 ( N/A ) | 27.2 | 7.3 | NA |
| 9NOH4SE9ZR | 30-01 | 21.3 ( N/A ) | 10.8 ( N/A ) | 32.1 | 6.8 | NA |
| 9TQMFXT0IH | 30-02 | 24.2 ( N/A ) | 9.8 ( N/A ) | 34.0 | 6.6 | NA |
| 76LKXRDIHL | 30-03 | 17.8 ( N/A ) | 7.7 ( N/A ) | 25.5 | 7.6 | NA |
| 9N0RMI46MP | 30-04 | 14.0 ( N/A ) | 10.5 ( N/A ) | 24.5 | 7.7 | NA |
| CK5L9W0DVF | 30-05 | 4.7 ( N/A ) | 17.2 ( N/A ) | 21.9 | 8 | NA |
| KY6OX1TFC7 | 30-06 | 11.6 ( N/A ) | 18.0 ( N/A ) | 29.6 | 7.1 | NA |
| S0KHL6B4XU | 30-07 | 25.2 ( N/A ) | 6.1 ( N/A ) | 31.3 | 6.9 | NA |
| CVBY920NA9 | 30-08 | 22.9 ( N/A ) | 4.1 ( N/A ) | 27.0 | 7.4 | NA |
| ZYRS61L7M0 | 31-01 | 21.4 ( N/A ) | 10.6 ( N/A ) | 32.0 | 6.8 | NA |
| GY4YK5EHSG | 31-02 | 23.4 ( N/A ) | 10.0 ( N/A ) | 33.4 | 6.7 | NA |
| 9W0XZFMJLJ | 31-03 | 17.9 ( N/A ) | 7.7 ( N/A ) | 25.6 | 7.6 | NA |
| WEPG1WX31I | 31-04 | 14.1 ( N/A ) | 10.6 ( N/A ) | 24.7 | 7.7 | NA |
| QECILGH2OR | 31-05 | 4.7 ( N/A ) | 17.1 ( N/A ) | 21.8 | 8 | NA |
| WVI6PX8RSF | 31-06 | 11.6 ( N/A ) | 17.9 ( N/A ) | 29.5 | 7.1 | NA |
| O4PKYU6CNZ | 31-07 | 25.3 ( N/A ) | 6.0 ( N/A ) | 31.3 | 6.9 | NA |
| G7IP4K1RD0 | 31-08 | 23.0 ( N/A ) | 4.2 ( N/A ) | 27.2 | 7.4 | NA |
| NY0IG78PNN | 32-01 | 23.2 ( N/A ) | 11.8 ( N/A ) | 35.0 | 6.5 | NA |
| H2XD80Q3LV | 32-02 | 20.7 ( N/A ) | 10.4 ( N/A ) | 31.1 | 6.9 | NA |
| JZVURWRVV7 | 32-03 | 20.5 ( N/A ) | 8.2 ( N/A ) | 28.7 | 7.2 | NA |
| RFD2YRRZHE | 32-04 | 18.2 ( N/A ) | 12.3 ( N/A ) | 30.5 | 6.9 | NA |
| JG3DOI83S6 | 32-05 | 6.9 ( N/A ) | 19.7 ( N/A ) | 26.6 | 7.4 | NA |
| L0C4N71T1U | 32-06 | 15.0 ( N/A ) | 19.2 ( N/A ) | 34.2 | 6.6 | NA |
| TXHLVG3S9U | 32-07 | 27.6 ( N/A ) | 8.6 ( N/A ) | 36.2 | 6.4 | NA |
| ROC7RY8KAT | 32-08 | 29.3 ( N/A ) | 5.2 ( N/A ) | 34.5 | 6.6 | NA |
| EITGVBPRLX | 34-01 | 23.0 ( N/A ) | 11.3 ( N/A ) | 34.3 | 6.6 | NA |
| HSSPUP6BCG | 34-02 | 17.1 ( N/A ) | 8.7 ( N/A ) | 25.8 | 7.5 | NA |
| JQ9MNXIUOA | 34-03 | 18.9 ( N/A ) | 6.9 ( N/A ) | 25.8 | 7.5 | NA |
| ENPEY2V3TZ | 34-04 | 13.6 ( N/A ) | 10.7 ( N/A ) | 24.3 | 7.7 | NA |
| GMXCDYSPS0 | 34-05 | 5.3 ( N/A ) | 16.4 ( N/A ) | 21.7 | 8.1 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| BPAZZNNRYI | 34-06 | 13.5 ( N/A ) | 18.0 ( N/A ) | 31.5 | 6.9 | NA |
| KGK2GTOZD0 | 34-07 | 26.4 ( N/A ) | 6.6 ( N/A ) | 33.0 | 6.7 | NA |
| KA1KX7ZWHS | 34-08 | 30.0 ( N/A ) | 3.5 ( N/A ) | 33.5 | 6.7 | NA |
| 9YN7SODS1I | 35-01 | 17.7 ( N/A ) | 7.7 ( N/A ) | 25.4 | 7.6 | NA |
| 42RUTB43IA | 35-02 | 17.0 ( N/A ) | 6.9 ( N/A ) | 23.9 | 7.8 | NA |
| 4G49COXT9A | 35-03 | 13.2 ( N/A ) | 9.1 ( N/A ) | 22.3 | 7.9 | NA |
| UJK1VMM4TC | 35-04 | 4.5 ( N/A ) | 15.4 ( N/A ) | 19.9 | 8.3 | NA |
| OK4HUSBG4U | 35-05 | 11.9 ( N/A ) | 17.6 ( N/A ) | 29.5 | 7.1 | NA |
| B2A6O45F3Y | 35-06 | 25.6 ( N/A ) | 6.1 ( N/A ) | 31.7 | 6.8 | NA |
| HA84JQD84A | 35-07 | 23.4 ( N/A ) | 4.2 ( N/A ) | 27.6 | 7.3 | NA |
| 2JZHBZ8OJ7 | 36-01 | 17.5 ( N/A ) | 7.7 ( N/A ) | 25.2 | 7.6 | NA |
| C9NIOXGCI8 | 36-02 | 17.1 ( N/A ) | 7.0 ( N/A ) | 24.1 | 7.7 | NA |
| OV9NF36Q2O | 36-03 | 13.2 ( N/A ) | 9.1 ( N/A ) | 22.3 | 7.9 | NA |
| YFVET24Z26 | 36-04 | 4.5 ( N/A ) | 15.5 ( N/A ) | 20.0 | 8.3 | NA |
| NKMD3SI65A | 36-05 | 12.0 ( N/A ) | 17.5 ( N/A ) | 29.5 | 7.1 | NA |
| X1A3AI1XM7 | 36-06 | 25.8 ( N/A ) | 6.1 ( N/A ) | 31.9 | 6.8 | NA |
| KH1G9M7CKJ | 36-07 | 23.5 ( N/A ) | 4.2 ( N/A ) | 27.7 | 7.3 | NA |
| RLZLO5EIR8 | 37-01 | 17.5 ( N/A ) | 7.4 ( N/A ) | 24.9 | 7.6 | NA |
| A7RDSKMKB3 | 37-02 | 17.0 ( N/A ) | 6.8 ( N/A ) | 23.8 | 7.8 | NA |
| 2YN7OL8AO6 | 37-03 | 13.4 ( N/A ) | 9.0 ( N/A ) | 22.4 | 7.9 | NA |
| CODIQHMTTV | 37-04 | 4.5 ( N/A ) | 15.6 ( N/A ) | 20.1 | 8.2 | NA |
| JIUV3MTDWM | 37-05 | 12.1 ( N/A ) | 17.3 ( N/A ) | 29.4 | 7.1 | NA |
| HNFZT1LZUY | 37-06 | 25.9 ( N/A ) | 5.3 ( N/A ) | 31.2 | 6.9 | NA |
| HT2K9ZAZ3U | 37-07 | 23.6 ( N/A ) | 4.2 ( N/A ) | 27.8 | 7.3 | NA |
| 214YTD9PH6 | 38-01 | 17.5 ( N/A ) | 7.4 ( N/A ) | 24.9 | 7.6 | NA |
| RAPPSWHNM2 | 38-02 | 17.0 ( N/A ) | 6.8 ( N/A ) | 23.8 | 7.8 | NA |
| QNTNB5SL4B | 38-03 | 13.4 ( N/A ) | 9.0 ( N/A ) | 22.4 | 7.9 | NA |
| N9XZDERCNX | 38-04 | 4.5 ( N/A ) | 15.2 ( N/A ) | 19.7 | 8.3 | NA |
| KDZGYDULGM | 38-05 | 12.1 ( N/A ) | 17.5 ( N/A ) | 29.6 | 7.1 | NA |
| W92DMAGMWW | 38-06 | 25.9 ( N/A ) | 5.3 ( N/A ) | 31.2 | 6.9 | NA |
| X5JQ02RGCK | 38-07 | 23.6 ( N/A ) | 4.2 ( N/A ) | 27.8 | 7.3 | NA |
| U1HC8FVXX1 | 39-01 | 17.6 ( N/A ) | 7.4 ( N/A ) | 25.0 | 7.6 | NA |
| 7S0ZZU961K | 39-02 | 17.1 ( N/A ) | 6.8 ( N/A ) | 23.9 | 7.8 | NA |
| NKDX4NBMXG | 39-03 | 13.5 ( N/A ) | 8.8 ( N/A ) | 22.3 | 7.9 | NA |
| TIIG64O8CO | 39-04 | 4.5 ( N/A ) | 15.3 ( N/A ) | 19.8 | 8.3 | NA |
| 3IDYQLH4PN | 39-05 | 12.2 ( N/A ) | 17.2 ( N/A ) | 29.4 | 7.1 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| 7WZJWJ9CTR | 39-06 | 26.1 ( N/A ) | 6.3 ( N/A ) | 32.4 | 6.8 | NA |
| 9RJRQO33X9 | 39-07 | 23.8 ( N/A ) | 4.2 ( N/A ) | 28.0 | 7.3 | NA |
| E86LSUF0K3 | 40-01 | 20.5 ( N/A ) | 8.5 ( N/A ) | 29.0 | 7.1 | NA |
| 3RONU1BN18 | 40-02 | 4.4 ( N/A ) | 15.6 ( N/A ) | 20.0 | 8.3 | NA |
| IKLH826A44 | 40-03 | 4.5 ( N/A ) | 15.4 ( N/A ) | 19.9 | 8.3 | NA |
| EZEJCTLFWJ | 40-04 | 12.3 ( N/A ) | 17.4 ( N/A ) | 29.7 | 7 | NA |
| 1WMCUKQTGM | 40-05 | 19.7 ( N/A ) | 4.5 ( N/A ) | 24.2 | 7.7 | NA |
| HAP3DOUU3T | 41-01 | 20.6 ( N/A ) | 8.5 ( N/A ) | 29.1 | 7.1 | NA |
| CFPMM8P491 | 41-02 | 4.2 ( N/A ) | 15.4 ( N/A ) | 19.6 | 8.3 | NA |
| 4I1KUHSPJE | 41-03 | 4.6 ( N/A ) | 15.1 ( N/A ) | 19.7 | 8.3 | NA |
| OK6OA8W4FM | 41-04 | 12.3 ( N/A ) | 17.1 ( N/A ) | 29.4 | 7.1 | NA |
| 09IPZ6WNJA | 41-05 | 19.0 ( N/A ) | 4.3 ( N/A ) | 23.3 | 7.8 | NA |
| 9GXIWJXB1T | 42-01 | 20.7 ( N/A ) | 8.9 ( N/A ) | 29.6 | 7.1 | NA |
| DIAKRJLXCP | 42-02 | 4.2 ( N/A ) | 15.8 ( N/A ) | 20.0 | 8.3 | NA |
| E5TLZVGL1M | 42-03 | 4.6 ( N/A ) | 15.3 ( N/A ) | 19.9 | 8.3 | NA |
| VKXJBEPZC0 | 42-04 | 12.3 ( N/A ) | 17.3 ( N/A ) | 29.6 | 7 | NA |
| 36E3YAPPEU | 42-05 | 19.0 ( N/A ) | 4.4 ( N/A ) | 23.4 | 7.8 | NA |
| GKC86048PM | 43-01 | 20.7 ( N/A ) | 8.1 ( N/A ) | 28.8 | 7.2 | NA |
| 4G0QON2KTA | 43-02 | 4.2 ( N/A ) | 15.9 ( N/A ) | 20.1 | 8.2 | NA |
| 2QURSOB1XV | 43-03 | 4.6 ( N/A ) | 15.2 ( N/A ) | 19.8 | 8.3 | NA |
| FCDIIR8IHK | 43-04 | 12.4 ( N/A ) | 17.1 ( N/A ) | 29.5 | 7.1 | NA |
| OJGS0NKB11 | 43-05 | 19.1 ( N/A ) | 4.4 ( N/A ) | 23.5 | 7.8 | NA |
| 15D3DVK73Z | 44-01 | 20.8 ( N/A ) | 8.5 ( N/A ) | 29.3 | 7.1 | NA |
| W5NGLYUGHN | 44-02 | 4.2 ( N/A ) | 15.7 ( N/A ) | 19.9 | 8.3 | NA |
| E35KP52AIW | 44-03 | 4.7 ( N/A ) | 15.1 ( N/A ) | 19.8 | 8.3 | NA |
| X7786NWRFR | 44-04 | 12.4 ( N/A ) | 17.3 ( N/A ) | 29.7 | 7 | NA |
| HA040893NH | 44-05 | 19.1 ( N/A ) | 4.4 ( N/A ) | 23.5 | 7.8 | NA |
| BDBZNXTN3A | 45-01 | 20.2 ( N/A ) | 8.0 ( N/A ) | 28.2 | 7.2 | NA |
| O3D7Z02BQ0 | 45-02 | 4.5 ( N/A ) | 15.6 ( N/A ) | 20.1 | 8.2 | NA |
| T5GLTHAEAX | 45-03 | 4.9 ( N/A ) | 15.1 ( N/A ) | 20.0 | 8.3 | NA |
| 3LJBHUHJF0 | 45-04 | 12.5 ( N/A ) | 17.2 ( N/A ) | 29.7 | 7 | NA |
| QFRTG3E26X | 45-05 | 19.2 ( N/A ) | 4.4 ( N/A ) | 23.6 | 7.8 | NA |
| JSFEWPOAVI | 46-01 | 15.4 ( N/A ) | 18.9 ( N/A ) | 34.3 | 6.6 | NA |
| ORL1MEF8C0 | 46-02 | 12.8 ( N/A ) | 18.3 ( N/A ) | 31.1 | 6.9 | NA |
| H8AUYF9O1T | 46-03 | 13.5 ( N/A ) | 18.5 ( N/A ) | 32.0 | 6.8 | NA |
| A6XN4JQ6CO | 47-01 | 15.5 ( N/A ) | 18.8 ( N/A ) | 34.3 | 6.6 | NA |

## Summary of all dwellings

| Certificate number and link | Unit number | Heating load (load limit) [MJ/m²/p.a.] | Cooling load (load limit) [MJ/m²/p.a.] | Total load [MJ/m²/p.a.] | Star rating | Whole of Home Rating |
|---|---|---|---|---|---|---|
| KSUF2HC0P3 | 47-02 | 12.8 ( N/A ) | 17.8 ( N/A ) | 30.6 | 6.9 | NA |
| 769UFJC0CO | 47-03 | 13.9 ( N/A ) | 18.1 ( N/A ) | 32.0 | 6.8 | NA |
| 4Q8QW67FU4 | 48-01 | 25.4 ( N/A ) | 9.1 ( N/A ) | 34.5 | 6.6 | NA |
| W0JLDYRTG3 | 48-02 | 14.2 ( N/A ) | 17.7 ( N/A ) | 31.9 | 6.8 | NA |
| CFUQL0J249 | 48-03 | 8.5 ( N/A ) | 19.4 ( N/A ) | 27.9 | 7.3 | NA |

# Explanatory notes

### About this report

The thermal performance star rating in this Certificate is the average rating of all NCC Class 2 dwellings in an apartment block. The Whole of Home performance rating in this Certificate is the lowest rating for the apartment block. Individual unit ratings are listed in the 'Summary of all dwellings' section of this Certificate. (accessible via link).

NatHERS ratings use computer modelling to evaluate a home's energy effi ciency and performance. They use localised climate data and standard assumptions on how people use their home to predict the energy loads and energy value*. The thermal performance star rating uses the home's building specifi cations, layout, orientation and fabric (i.e. walls, windows, floors, roofs and ceilings) to predict the heating and cooling energy loads. The Whole of Home performance rating uses information about the home's appliances and onsite energy production and storage to estimate the homes energy value*.

For more details about an individual dwelling's assessment, refer to the individual dwelling's NatHERS Certificate (accessible via link)

### Accredited Assessors

For high quality NatHERS Certificates, always use an accredited or licenced assessor registered with an Assessor Accrediting Organisation (AAO). AAOs have strict quality assurance processes, and professional development requirements ensuring consistently high standards for assessments.

Non-accredited assessors (Raters) have no ongoing training requirements and are not quality assured.

Licensed assessors in the Australian Capital Territory (ACT) can produce assessments for regulatory purposes only, using endorsed software, as listed on the ACT licensing register

Any queries about this report should be directed to the assessor. If the assessor is unable to address questions or concerns, contact the AAO specifi ed on the front of this certificate.

### Disclaimer

The NatHERS Certificate format is developed by the NatHERS Administrator. However, the content in certificates is entered by the assessor. It is the assessor's responsibility to use NatHERS accredited software correctly and follow the NatHERS Technical Note to produce a NatHERS Certificate.

The predicted annual energy use, cost and greenhouse gas emissions in this NatHERS Certificate are an estimate based on an assessment of the dwelling's design by the assessor. It is not a prediction of actual energy use, cost or emissions. The information and ratings may be used to compare how other dwellings are likely to perform when used in a similar way.

Information presented in this report relies on a range of standard assumptions (both embedded in NatHERS accredited software and made by the assessor who prepared this report), including assumptions about occupancy, behaviour, appliance performance, indoor air temperature and local climate.

Not all assumptions made by the assessor while using the NatHERS accredited software tool are presented in this report and further details or data fi les may be available from the assessor