

This checklist is a guide for council staff when verifying that a development application is consistent with the commitments shown on the corresponding BASIX Certificate.

Some commitments may not need to be shown on plans until the Construction Certificate stage: refer to the BASIX Certificate to see which commitments need to be shown at each stage of the assessment process.

BASIX uses specific definitions to ensure an accurate assessment of the water, thermal comfort and energy performance of the dwelling. Consent authorities should refer to these BASIX definitions (available on the website) when determining compliance.

Councils are able to assess the validity of BASIX website on the BASIX website. To access this function, Councils must register with BASIX to receive a login name and password. Contact the BASIX Help Line on 1300 650 908 or [help@basix.nsw.gov.au](mailto:help@basix.nsw.gov.au) to do this.

## PROJECT DETAILS

- Street address, postcode & LGA** shown on BASIX Certificate match rest of DA package.
  - Dwelling type** is correctly identified based on BASIX definitions. **Number of bedrooms** shown on BASIX Certificate is consistent with plans.
  - Site area** shown on BASIX Certificate matches rest of DA package.
  - Roof area** shown on BASIX Certificate matches rest of DA package.
  - Conditioned & Unconditioned floor areas** are in accordance with the BASIX Definitions. These are for BASIX compliance only; they do not replace any other definitions of floor area.
  - Total area of garden & lawn** indicated on submitted plans is consistent with BASIX Certificate.
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## WATER

- Landscape plan** indicates areas and species to be planted (where indigenous or low-water use plant species are nominated).
  - Rainwater tank(s)** shown on plans, tank(s) size stated and tank(s) drawn to scale. If underground tank proposed, then this is clearly stated.
  - Plans show and state **roof area draining to rain tank(s)**, and match the BASIX Certificate.
  - Rainwater tank(s)** meet all other consent authority requirements e.g. height limits at boundary, pump noise standards, insect screens.
  - Size of swimming pool** on plan consistent with volume indicated in BASIX Certificate.
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## THERMAL COMFORT - RAPID

- Floor construction, eaves, insulation and glazed areas** are marked on plans.
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### THERMAL COMFORT – DO-IT-YOURSELF

- Floor/wall/ceiling/roof insulation commitments** and roof colour are marked on plans.
- Wall, floor, ceiling and roof construction types** are marked on plans.
- Glazing** is indicated on plans in accordance with BASIX Certificate and if performance glazing is nominated, check that it is clearly labelled.
- All **shading devices and overshadowing objects** are clearly marked on the plans in accordance with the BASIX Certificate.
- If **floor concession** is claimed, check that 'site slope' or 'flood prone' claim is valid.

### THERMAL COMFORT - SIMULATION

- Assessor Certificate** and ABSA-stamped plans are provided. ABSA Specification block is physically attached to plan. Assessor and Certificate numbers in DA package match those on BASIX Certificate.
- Floor/wall/ceiling/roof insulation commitments and roof colour** in BASIX Certificate are marked on plans.
- If **suspended floor concession** is claimed on BASIX Certificate, check this has been approved by Assessor on Assessor Certificate.

### ENERGY

- Star rating** of any proposed gas hot water system is marked on plans.
- If solar **hot water** (SHW), check that system is drawn to scale (typical two panel SHW system is 4m<sup>2</sup>) and that panels are located with a northerly aspect. Ensure SHW panels will not be significantly overshadowed by neighbouring buildings/trees.
- Any **external air conditioning unit** is marked on plans and is located such that it does not impact on-site or neighbour's amenity (avoid noise source near bedrooms) and complies with any other consent authority requirements.
- Any BASIX **energy efficient lighting** commitment is annotated on plans.
- Any **pool or spa heating system and timer control** is annotated on plans.
- Photovoltaic panels** are not going to be significantly overshadowed.
- Panel area** is approximately drawn to scale: surface area of a 1kWh photovoltaic system is approximately 8 m<sup>2</sup>.

#### BASIX Contacts

T: 1300 650 908

W: [www.basix.nsw.gov.au](http://www.basix.nsw.gov.au)

E: [help@basix.nsw.gov.au](mailto:help@basix.nsw.gov.au)

