



Te Kāhui Whaihanga Practice 2022

Our architectural design & construction process for high-performance Passive House projects

DESIGN PROCESS

B1 Setup

B2-4 Design

B5 Document

**Client** – aspirations, brief & budget

**Context** – site constraints & opportunities

**Compliance** – council & developer constraints & requirements

**Climate** – comfort & energy efficiency inputs

**Concept** – site layout, initial planning & sketches

**Preliminary** – plans, 3d's & outline specification

**Developed** – plans, interior layouts & indicative construction details

**Passive House** – energy & comfort modelling

**Consent** – drawings, specification & documents

**Construction** – details for building & tendering

**Passive House** – pre-construction modelling, documents & submission

**Other** – Lifemark, Homestar etc



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CONSTRUCTION PROCESS

B6 Procure

B7-8 Construct

**Tender** – obtain tender prices from one or multiple builders

**Negotiate** – agree a contract with the preferred builder

**Contract** – contract documents, insurances etc

**Contract Admin** – instructions, variations, payments, compliance

**Observation** – regular site visits to observe progress and adherence to the contract

**Passive House** – observation, on-site testing & documentation

**Throughout all stages -**

**Coordinate** – propose, manage & coordinate consultants & their input

**Health & Safety** – identify project risks, including client aspects & manage H&S in Design