



BuiltQuik Design Guide
Designing with the
BuiltQuik
Construction System

SINGLE STOREY

Architect Introduction

We support the design and construction of new homes and buildings, by combining the on-site cost and time efficiency benefits of prefab with the customisable finishes of conventional buildings.

We provide

Pre-engineered, semi-modular, prefab building frames with onsite assembly support.

BuiltQuik pre-certified structural assemblies for customised facades & internal fit outs.

Prefab components, installed by upskilling locally sourced labour & completed by local trades.

Fast-tracked build timeframes of custom homes, with increased cost efficiency at scale.

STEP 1

Consult with local architects and building designers to define the building form, standard frame use, and add-on choices, including preferences for concrete slab or raised builds, and engineering scope if including footings.



STEP 2

BuiltQuik provides a design phase and frame supply quote. With frame design approval to proceed from the client/designer and deposit paid, BQ drafting team provides the updated structural plan to building designer for fit-out detailing.



The BuiltQuik Process from Design to Construction

STEP 4

As the construction certificate has been approved, BQ frame supply deposit invoice to be paid to commence lead-time of 4-6 weeks. The footings are then completed to specifications and the site is prepared for BuiltQuik Frame install process to begin (up to 1 week).

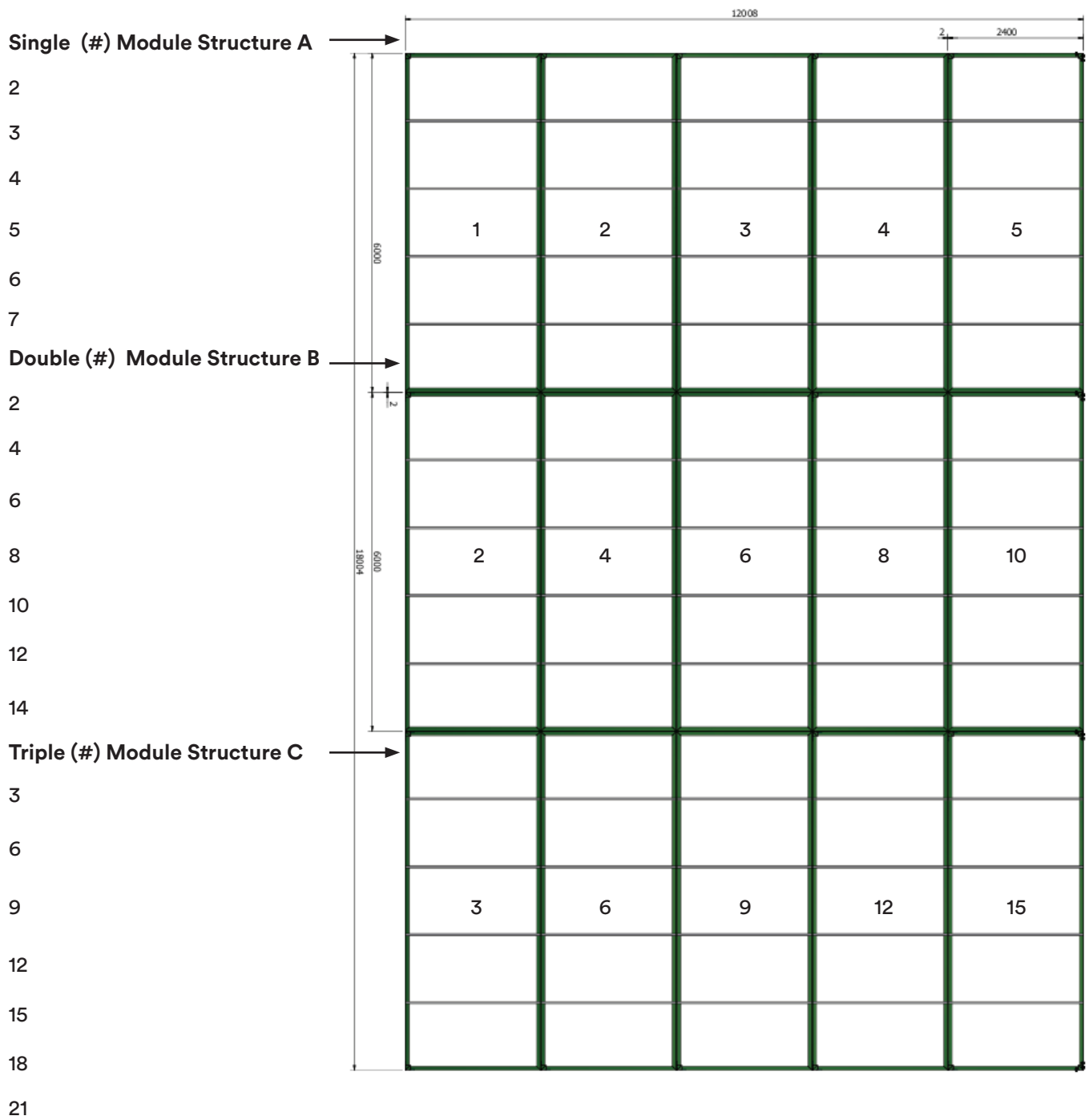


STEP 3

Upon completion and design finalisation, certification review is completed by BQ's partnered engineers. The final design phase payment is received prior to issuing BQ Engineering detail for DA/PCA approval, and for granting construction certificates to start onsite works.



System Design Overview



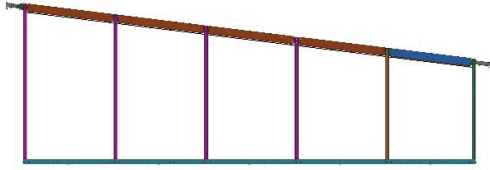
Column Numbers:

1 2 3 4 5 6

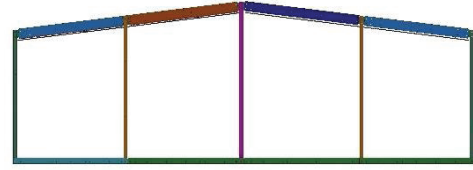
Roof Types

(7 and 14 Degree Standards)

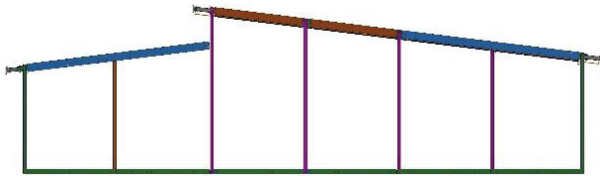
Skillion – SK



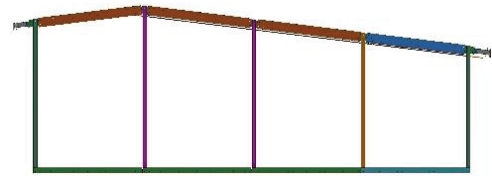
Gable - G



C - Clerestory



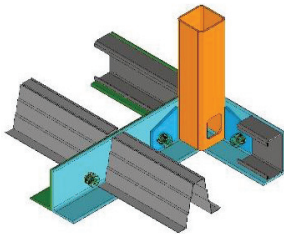
Offset Gable - OG



Base Panel Types

Type 1

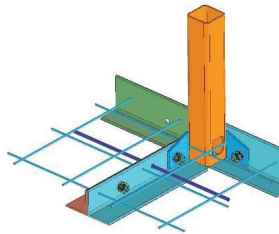
T1A Floor Joist Panel



Type 2

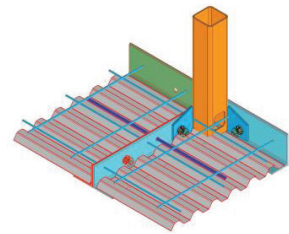
Concrete Slab on Ground

T2A Concrete Slab Angle Panel



Type 3

T3A Suspended Slab on Piers



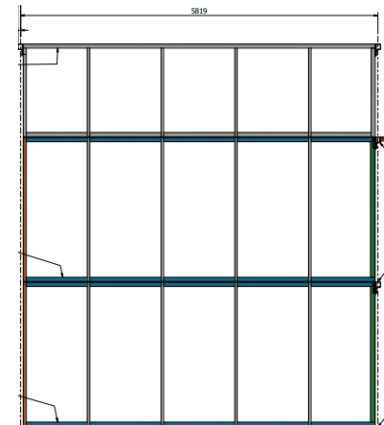
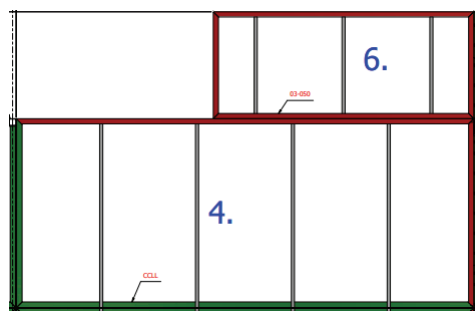
Extension Components

Raked Extensions (Width by 6 or 3 in length)

1.3m (Base Model Width)

2.4m (Base Model Width)

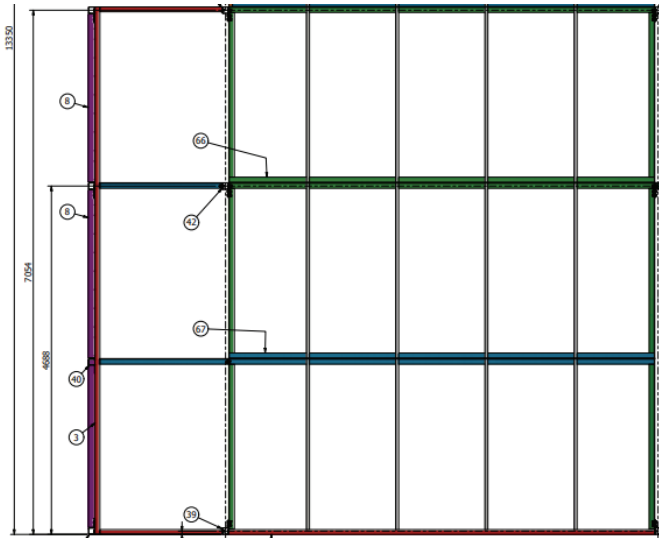
3.6m (Base Model Width)



Flat Room Extensions

3m and 6m Panels

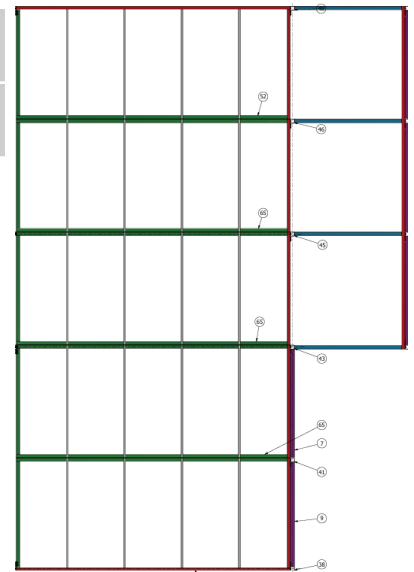
900mm
1.8m
3.6m



Veranda Extensions and Lean-tos

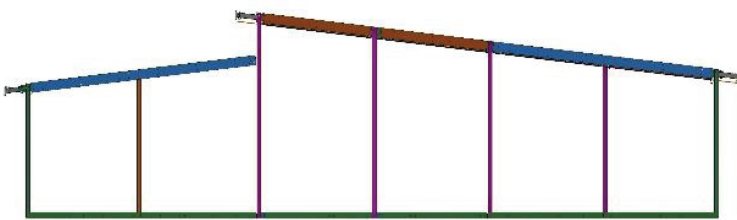
2.4 Veranda Extension

1.5m x 2.4/4.8/7.1	Veranda Extensions
2.4m x 2.4/4.8/7.1	Veranda Extensions



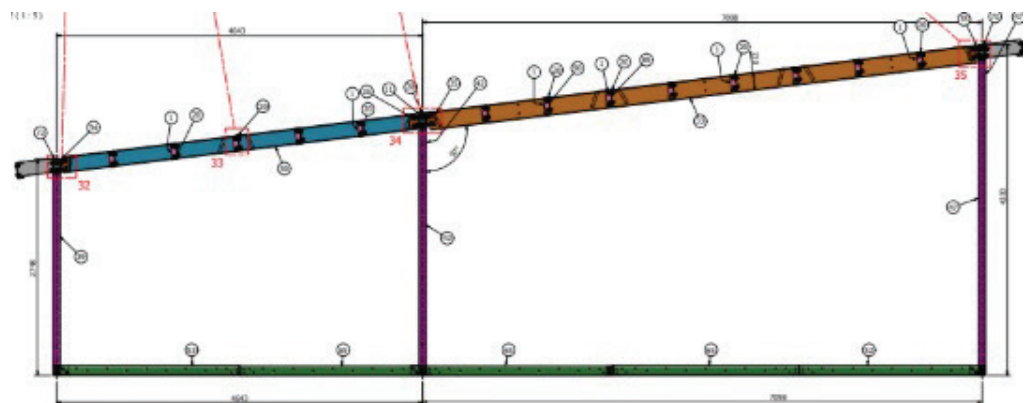
2.4 Lean-to

1.5m x 6m	Lean-to Veranda
1.5m x 6m	Lean-to Veranda
3.6 x 6m	Lean-to Veranda

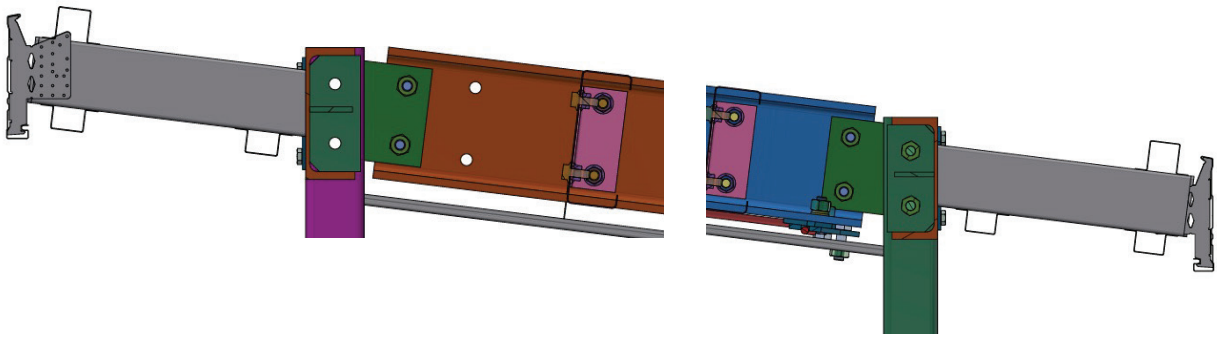


Column Spacing

2.4m	(Standard)
4.6m	↘
7.1m	



Eaves



Cladding Options (3 examples of many)



Corrugated Iron



Weatherboard

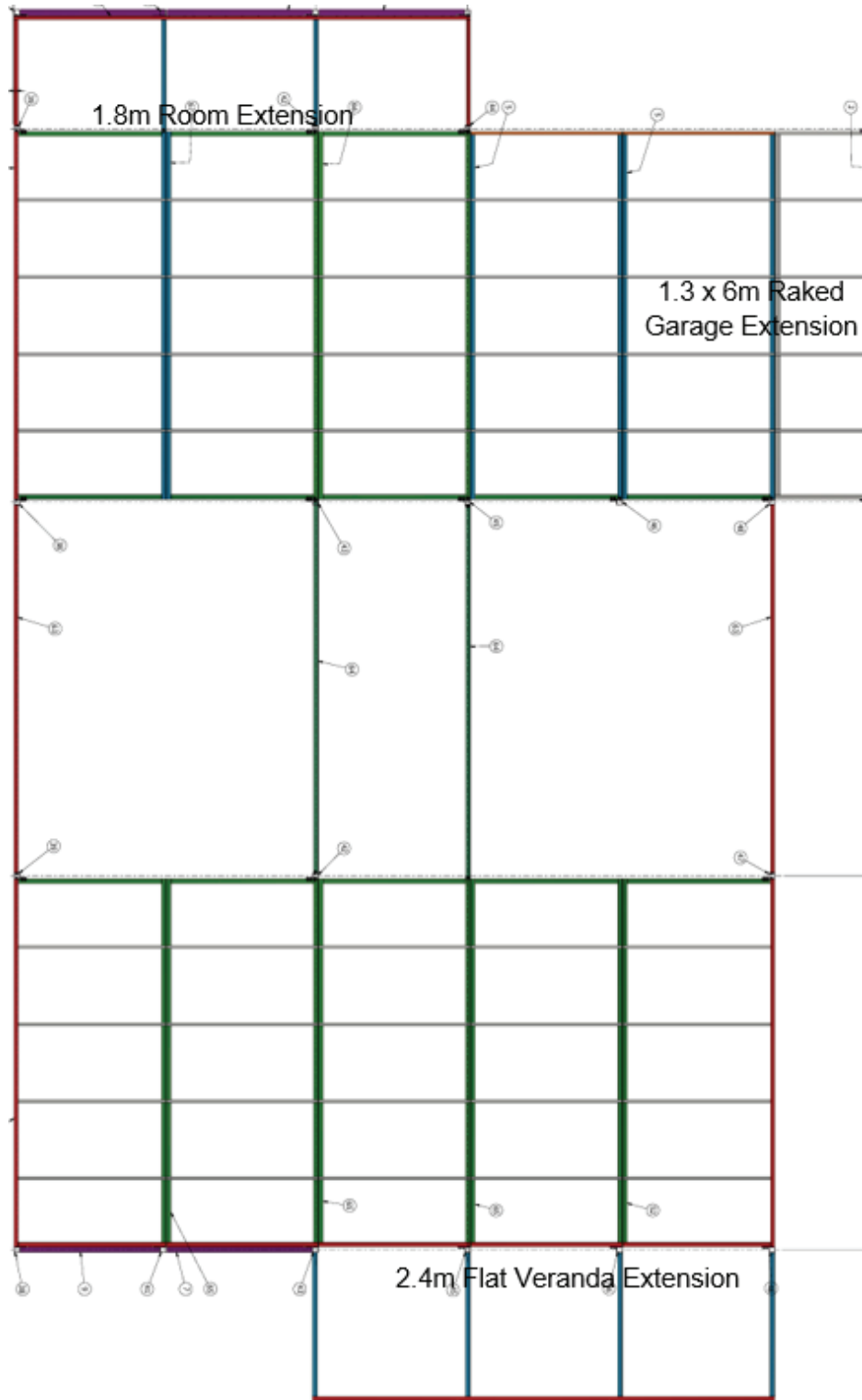


Masonry (Brick)

Example 15 Module Frame + Add Ons

Including:

1.3m	Double Garage Panel
3 Module 1.8m	Room Extension
3 Module 2.4m	Veranda Extension





For more information, please get in touch

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 **builtquik.com.au**