

# IBUILT™

Engineered Wood Products

## IBUILT™ MIDFLOOR DESIGN AND SUPPLY

January 2023

An IBuilt designed midfloor provides assurance for a strong and efficient midfloor.

- Design assistance
- Quality products
- Producer statement
- Simplified installation that minimises wastage
- Site support

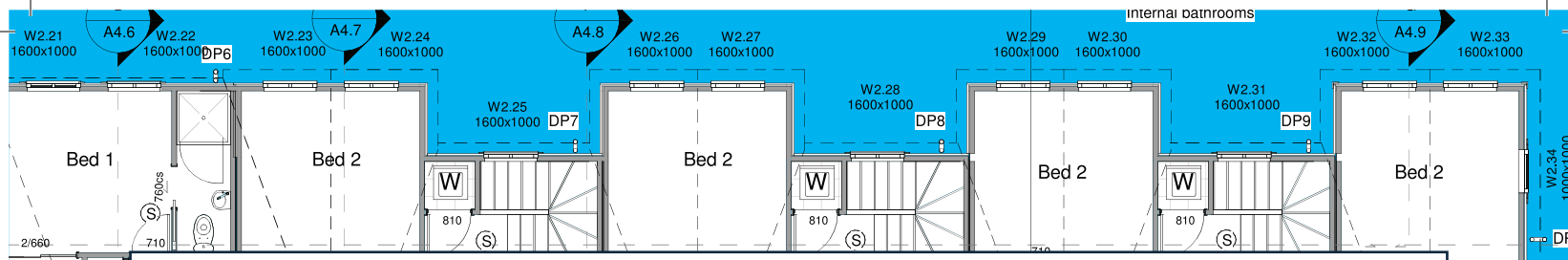
**Nelson Pine**  
NP Frame  
paa

6841 2/G/F

**Nelson Pine**  
NP Frame  
paa

6841 2/G/F

12 388 20 E2 60  
12 388 20 E2 60



When designing your next mid-floor or rafter structure, contact the team at IBuilt to organise a design layout. Whether at preliminary design stage or simply looking for supply alternatives, IBuilt can facilitate a complete design and supply of your midfloor components. Being a proprietary system, a midfloor that has been designed by IBuilt ensures building code compliance and that the floor performs as intended.

All timber midfloor components are either FSC or PEFC certified. IBuilt's midfloor design service is provided at no cost.

IBuilt midfloor components can include the following items:

- MultiStrut joists
- Structural LVL
- Hyne 15C Glulam
- Boundary LVL
- Hangers, brackets and hardware

### Design process

Coordinating with both the architect and engineer, IBuilt's design team utilises CAD drawings to provide preliminary midfloor layouts to identify structural items for the engineer.

### Joists and beams

Joists are designed using load and span parameters that have been independently engineered. Minor beams with simple loads can also be incorporated within IBuilt's scope of works. Any point loaded members identified are noted as specific engineer design (SED) members.

### Fast turn around

After receipt of all required files and information, layout plans with itemised component schedules will be ready in 5-10 working days. Once approved, projects are quoted through a merchant of choice.

### Supply

Midfloor delivery is coordinated with the merchant. Floor packs are individually labelled with the address & number of packs.

All timber components are tagged and labelled for identification; member locations can be referenced back to the easy-to-follow laminated layout plan supplied with every project.

## Producer statement - Design

All midfloor designs from IBuilt can be supplied with a Producer Statement covering the Multistrut system. Additionally for any designs submitted through Auckland Council, IBuilt can supply a site specific PS1 as per their requirements.

IBuilt designers are an approved Auckland Council producer statement author.

## Builder education and site support

IBuilt's experienced support team can provide on-site tutorial sessions for builders not familiar with the system. This ensures components are identified and installed correctly, reducing the chances of errors or shortages. For issues that do arise, the IBuilt team are on hand to make sure any delays are minimised.

For further information about IBuilt's products or services contact the technical team on 0800 022 352 or enquiries@ibuilt.co.nz

**LEGEND**

NOTE: TO ORDER IN THE SHOP, MULTISTRUT INSTALLATION GUIDE ALSO

Quantity	Label	Size	Treatment
25	J1	300x90	H1.2
13	J2	300x90	H1.2
9	J3	300x90	H1.2
3	B1	300x90	H1.2
3	B2	300x90	H1.2

Quantity	Label	Size	Treatment
2	E1	300x45	H1.2
4	E2	300x45	H1.2

Quantity	Label	Size	Treatment
1	L1	275x85	H1.3
1	L2	275x85	H1.3

Quantity	Label	Size	Treatment
1	S1	140x45	H1.2

Quantity	Label	Size	Treatment
6	H105	300x45	H1.2

Symbol	Quantity	Description
▲	1	WIPING LINE (SEE SPEC)
▲	1	MTR SP200 (SEE SPEC)

**PRODUCT LEGEND**

Quantity	Label	Size	Treatment
2	E1	300x45	H1.2
4	E2	300x45	H1.2

**IBUILT** I-Built Midfloor Joist and Beam Layout

Client: [Redacted] Job Number: ET217459  
 Address: [Redacted] Date: 10/11/2022  
 Scale: 1:75  
 Drawn By: AE  
 Checked by:



149 Kerrs Rd, Wiri, Auckland  
 PO Box 76412, Manukau, Auckland 2241, New Zealand  
 Tech Info Line: 0800-022-352  
 Phone: +64-9-268 6540  
 sales@ibuilt.co.nz  
 techinfo@ibuilt.co.nz  
 www.ibuilt.co.nz