

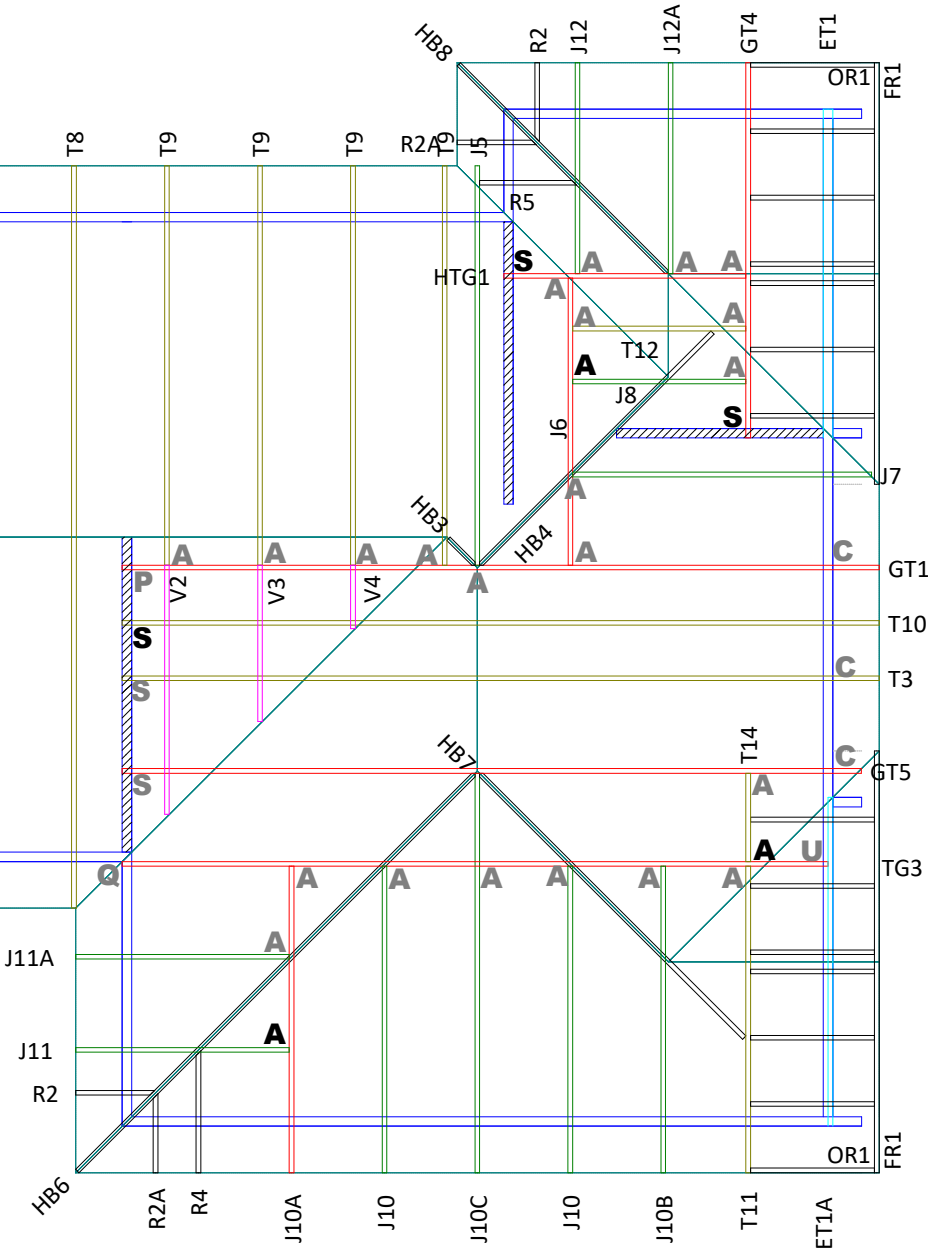
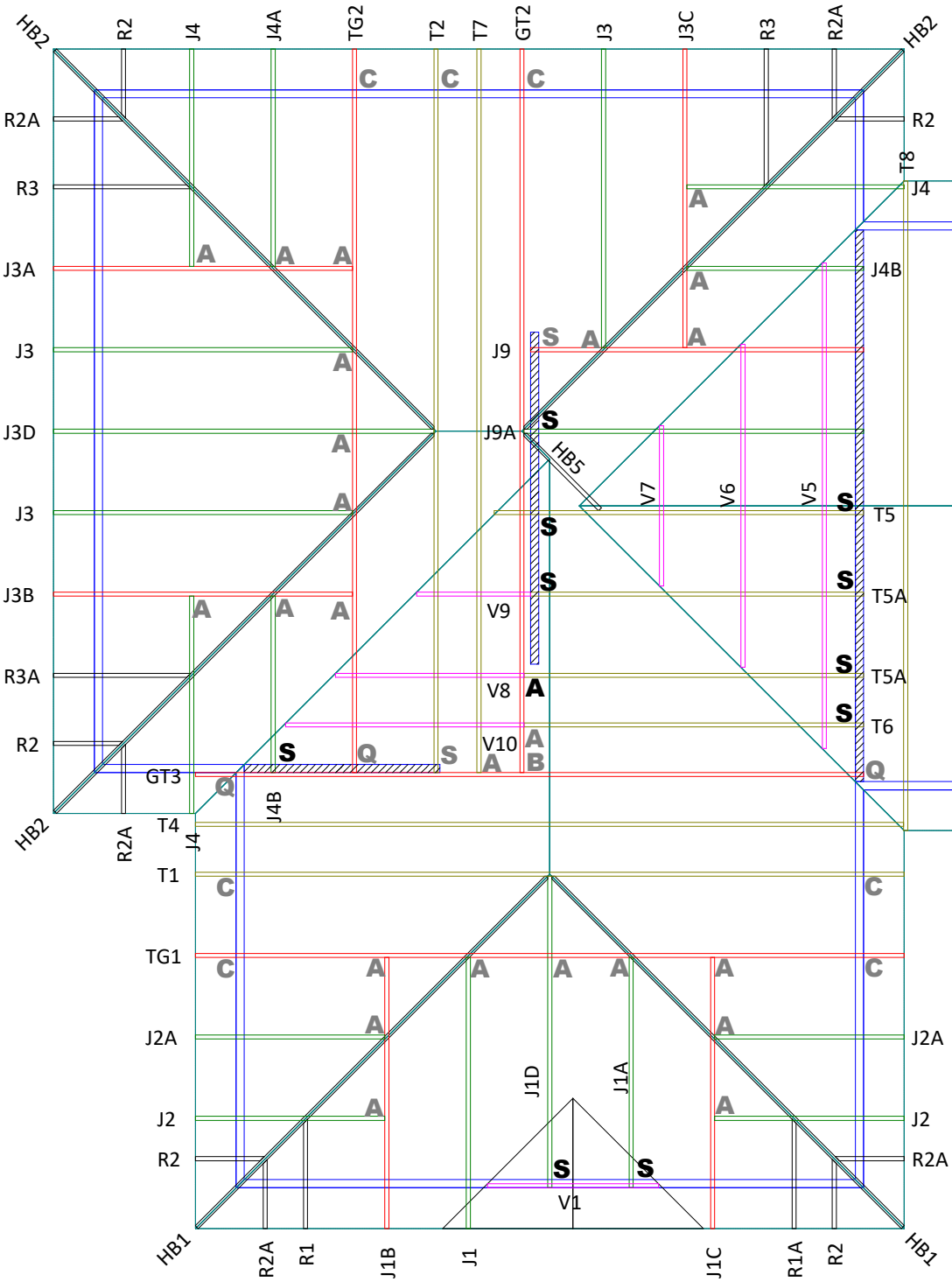
AS BUILT FINAL LAYOUT

For valley/saddle truss fixing unless stated otherwise use a pair of wire dogs at 900mm centres for up to and including a very high wind zone.
Or a pair of CT200's at 900mm centres for extra high wind zone.
This fixing is to meet the minimum requirements as per NZS3604.



**Your
Building Partner**

Consent Number: BC230719



CARTERS
Carters National Office
0800 Carters

JOB No **389577M1**

Client: Homes by Parklane Ltd.
Job: Bhutani Puri
Site: Lot 128 24 Westmoor Blvd
Springston

Pitch: 25.0deg
Roof Type: Longrun
Overhang: 450mm
Wind Area: High
Roof Snow: 0.441kPa
Ceiling Restraint Centres:600mm

Trusses and rafters at 900mm
max centres unless stated otherwise.
This layout is to be read in conjunction
with the Architectural plans.

DRAWN Scott Robertson 11 Sep,2023

FIXINGS

- A = 47x90 Joist Hanger**
- B = 47x120 Joist Hanger**
- C = CT200 (pair)**
- D = 47x190 Joist Hanger**
- E = 95x165 Joist Hanger**
- F = SH-140 Split Hanger**
- G = SH-180 Split Hanger**
- H = SH-220 Split Hanger**
- J = 2x6kN Strap (12kN Total)**
- K = 6kN Strap**
- L = Multigrip (single)**
- M = Multigrips (pair)**
- N = Nailon Plate (240x110x1)**
- P = 16kN Pack**
- Q = 9kN Pack**
- S = CPC 40 Single Cleat**
- T = CPC 40 Short (pair)**
- U = CPC 80 Single Cleat**
- V = 16kN Uplift**
- W= 24kN Uplift**
- X = 25kN Uplift**
- Y = 35kN Uplift**
- Z = 45kN Uplift**

Unless otherwise indicated, all specified truss fixings are to use L/Lok product nail fasteners (as per the MiTek On-site Guide) when the choice of using screws or nails is optional.

All truss to frame fixings require 2 additional 2/90x3.15dia skew nails.

All truss fixings not indicated as above must have 2 wire dogs for cross joints and 2/90x3.15dia nails for butt joints.

Fixings shown are for fixing trusses to the top plate. Any other point load uplift fixings down through the framing stud to top plate, stud to bottom plate, bottom plate to floor remain the responsibility of the architect / draughtsman.

Please contact your local CARTERS Manufacturing Branch, for any queries regarding this layout, or if any on site remedial work is required.
No modifications to Roof Trusses or Wall Frames are to be undertaken without first obtaining written authority from CARTERS.

Truss Layout

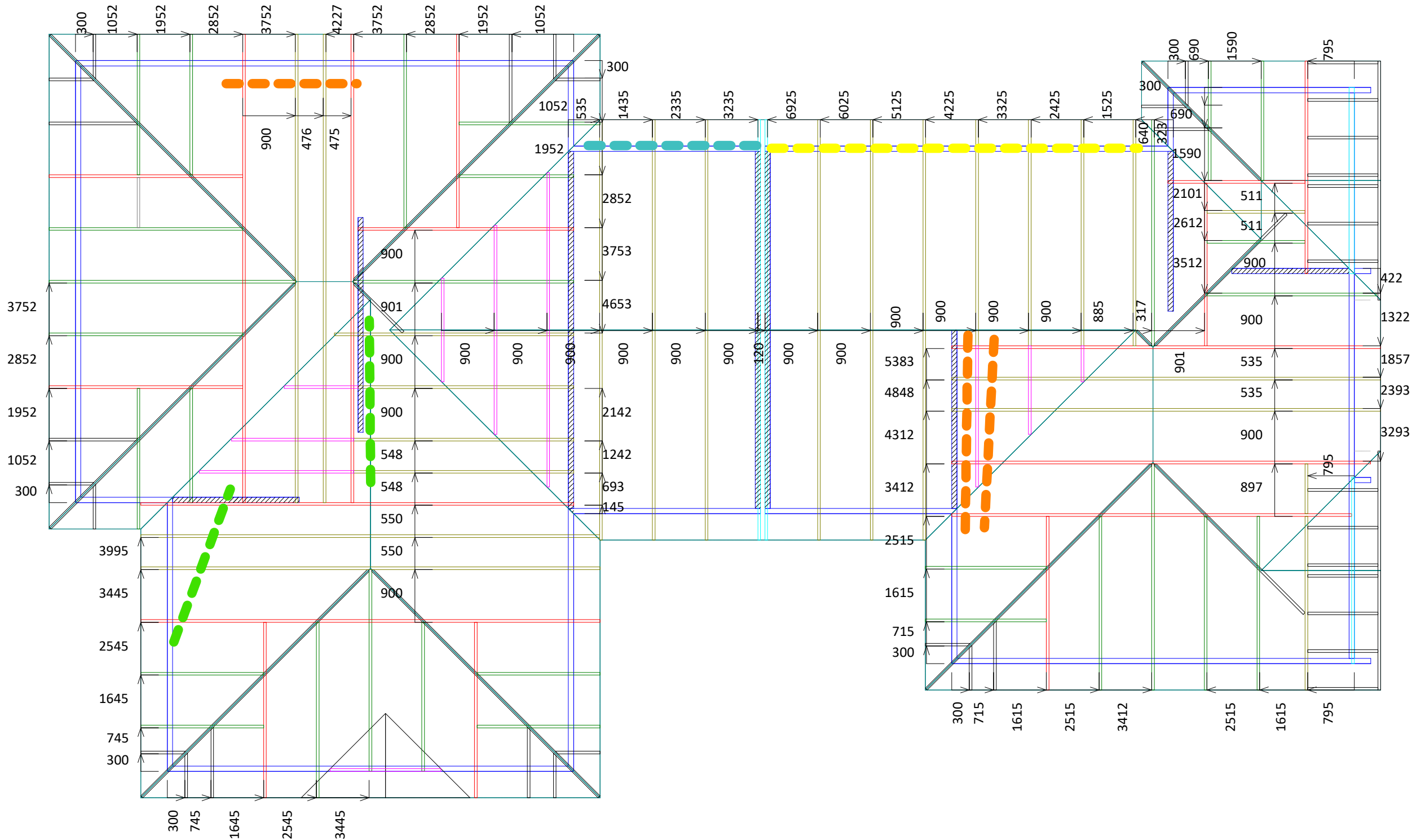
All gable trusses are designed to suit cladding manufacturer's framing requirements.
If a gable truss requires a windbeam brace, the type of MiTek brace will be noted as such on the layout.

AS BUILT FINAL LAYOUT



Your Building Partner

Consent Number: BC230719



CARTERS
Carters National Office
0800 Carters

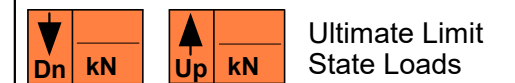
JOB No **389577M1**

Client: Homes by Parklane Ltd.
Job: Bhutani Puri
Site: Lot 128 24 Westmoor Blvd
Springston

Pitch: 25.0deg
Roof Type: Longrun
Overhang: 450mm
Wind Area: High
Roof Snow: 0.441kPa
Ceiling Restraint Centres:600mm

Trusses and rafters at 900mm max centres unless stated otherwise. This layout is to be read in conjunction with the Architectural plans.

DRAWN Scott Robertson	11 Sep,2023
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Notification of point loaded lintels or point loads on internal walls where the downward load is higher than 8kN (85mm raft type slab) or 10kN (100mm standard slab), or the upward load is greater than 10kN.

No allowance for any loading within the truss space has been allowed for including storage unless specificl stated.

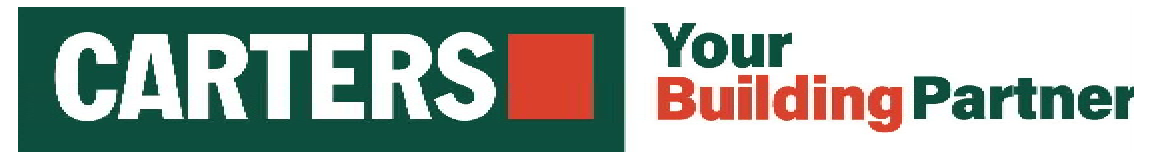
Any roof loads as stated on this layout over 16kN up or down are outside the scope of NZS3604, and the architect / draughtsperson is responsible for the design to transfer the loads to the ground.

Coloured Lines
Indicate Left Hand
Side of Truss

Truss Dimensions

Please contact your local CARTERS Manufacturing Branch, for any queries regarding this layout, or if any on site remedial work is required. No modifications to Roof Trusses or Wall Frames are to be undertaken without first obtaining written authority from CARTERS.

BC230719



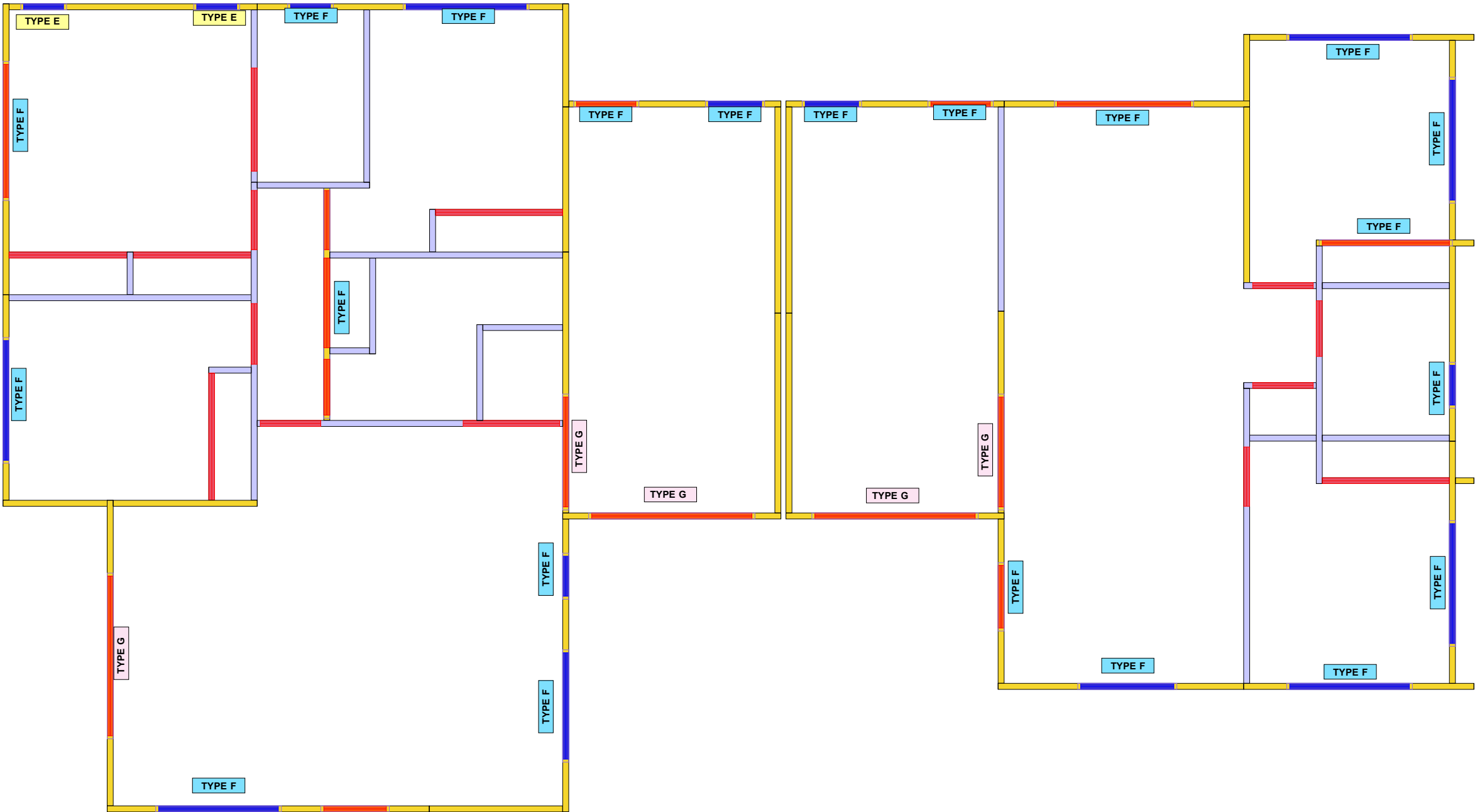
Unless otherwise stated the timber grade for all lintels is SG8. Lintels not shown are to be selected as per NZS3604: 2011 or designed by an engineer as required.

As Built Final Layout

BC230719



Your Building Partner



Lintel and Stud to Top Plate fixing details are included with the reports

TOP PLATE TO STUD FIXING OPTIONS

TYPE A - 0.7 kN

Non-Load Bearing Walls

2 x 90mm x 3.15 Ø plain steel wire nails driven vertically into stud.

TYPE B - 4.7 kN

Load Bearing Walls

LUMBERLOK® LINTEL FIXING

TYPE E	= 1.4kN
TYPE F	= 4.0kN
TYPE G	= 7.5kN
TYPE H	= 13.5kN
SED	= Specific Engineering Design

Refer to:
LUMBERLOK Lintel Fixing Schedule 10/2011,
MiTek Structural Fixings On-Site Guide for Building Code Compliance
(Alternative to Table 8.14 & Figure 8.12 NZS 3604:2011)

If Barrier Ply or Rab Board is used and nailed in accordance with it's Installation Guide, it replaces the need for the Stud to Top Plate Fixings Type B

Every Facet an Advantage.

Drawn: Scott Robertson

Date: 12/09/2023

Job No: **CY1389577M1**

Customer: Homes By Parklane Ltd

Job Name: AS034 Bhutani Puri Lot 128 24 Westmoor Blvd

Address: 24 WESTMOOR BOULEVARD
Springston, Selwyn District 7614

Level 1 Frames

Please contact your local CARTERS Manufacturing Branch, for any queries regarding this layout, or if any on site remedial work is required.

No modifications to Roof Trusses or Wall Frames are to be undertaken without first obtaining written authority from CARTERS.

The lintels have been sized using one of the following:

The MiTek SAPHIRE Component Design Software.

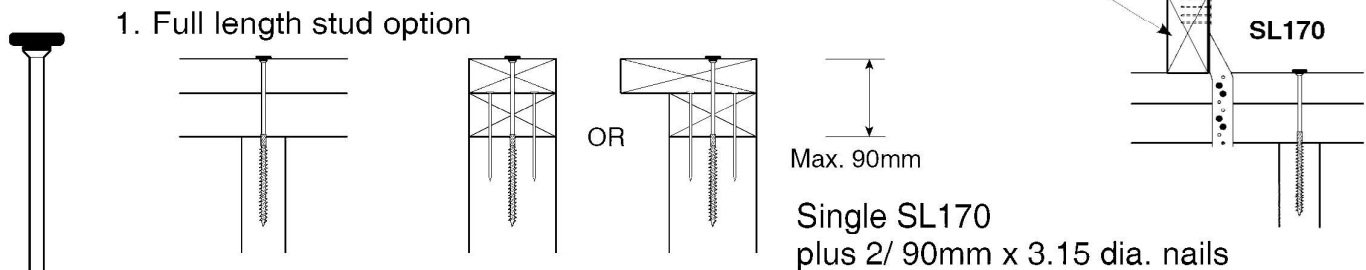
hy90, hyONE and hySPAN lintels have been sized using the designIT for houses - New Zealand series 6 software.

GANGLAM and FLITCH BEAMS have been sized using the MiTek Beam Program V1.10 June 2011.

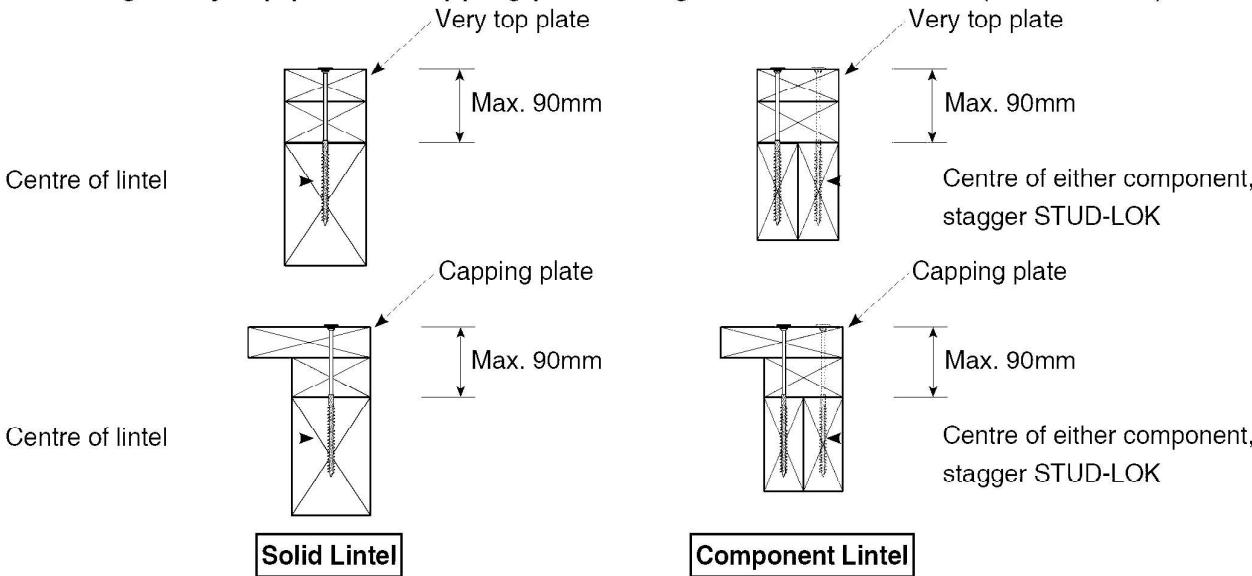
Unless otherwise stated the timber grade for all lintels is SG8. Lintels not shown are to be selected as per NZS3604: 2011 or designed by an engineer as required.

STUD-LOK SL170 - Blue Head

Fix through very top plate or capping plate

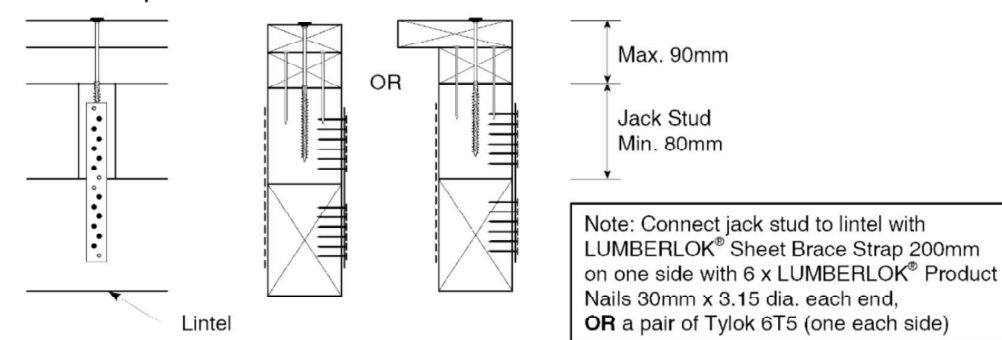


Fix through very top plate or capping plate using STUD-LOK SL170 (@ stud crs.)



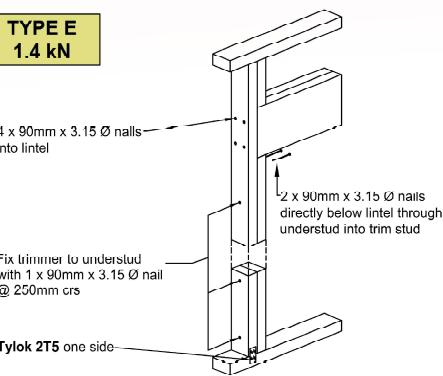
Fix through very top plate or capping plate

Jack stud option

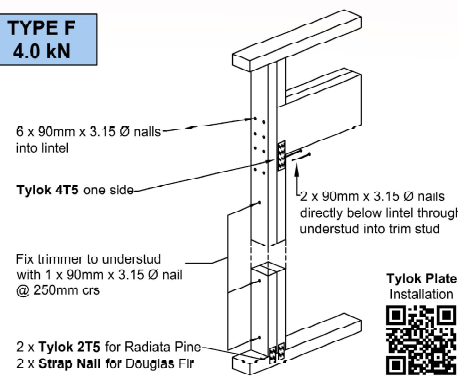


LINTEL FIXING OPTIONS

TYPE E 1.4 kN



TYPE F 4.0 kN



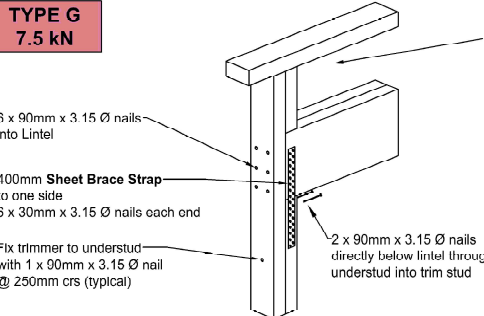
NOTES:

- For fixing of jack studs to lintel and top plate, refer to **Stud to Top Plate Fixing Schedule**
- Stud numbers indicative only. Refer to Table 8.5 NZS 3604:2011

Refer to:
LUMBERLOK Lintel Fixing Schedule 10/2011,
MiTek Structural Fixings **On-Site Guide** for
Building Code Compliance
(Alternative to Table 8.14 & Figure 8.12
NZS 3604:2011)



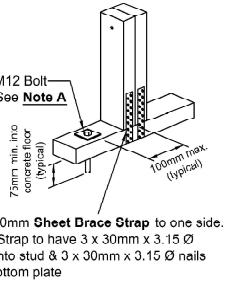
TYPE G 7.5 kN



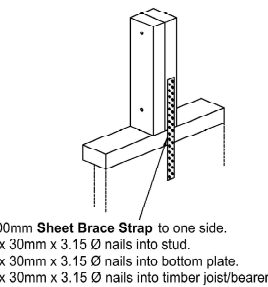
For fixing of jack studs to lintel and top plate, refer to **Stud to Top Plate Fixing Schedule**

Stud numbers indicative only.
Refer to Table 8.5 NZS 3604:2011

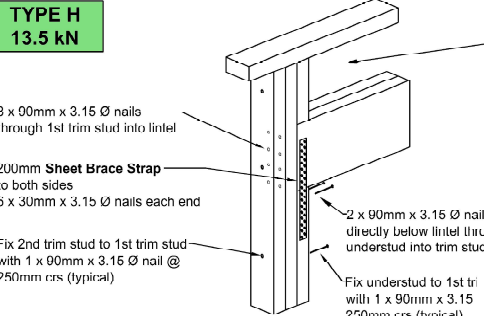
Note A:
M12 proprietary concrete fixing bolt with 50x50x3mm square washer
or
M12 x 150mm coach screw with 50x50x3mm square washer into timber joist/bearer



OR



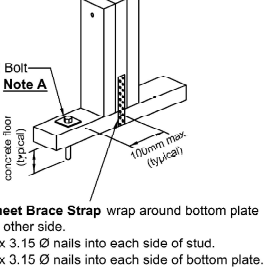
TYPE H 13.5 kN



For fixing of jack studs to lintel and top plate, refer to **Stud to Top Plate Fixing Schedule**

Stud numbers indicative only.
Refer to Table 8.5 NZS 3604:2011

Note A:
M12 proprietary concrete fixing bolt with 50x50x3mm square washer
or
M12 x 150mm coach screw with 50x50x3mm square washer into timber joist/bearer



OR

