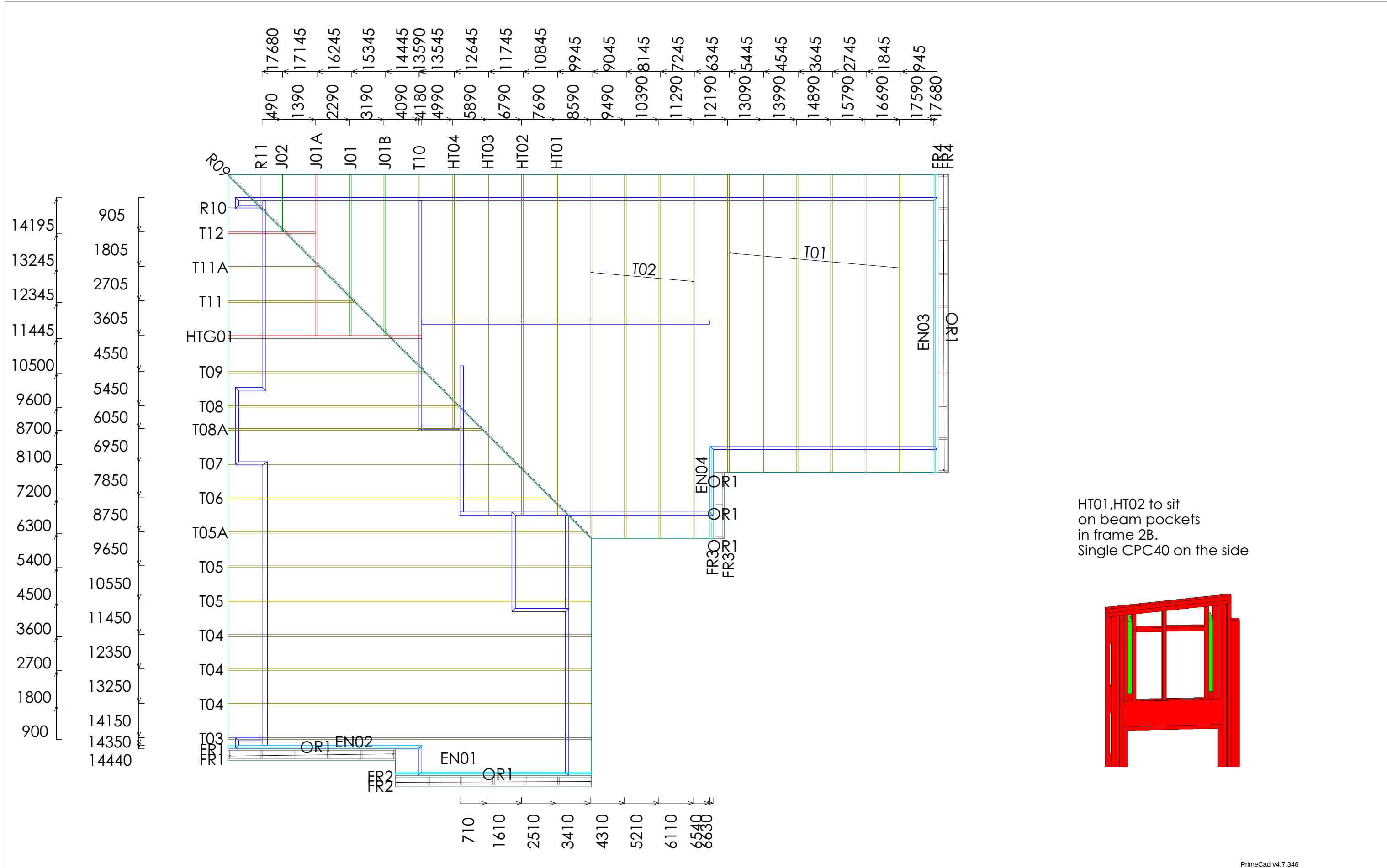
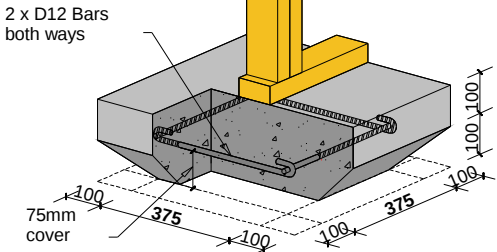
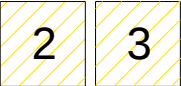


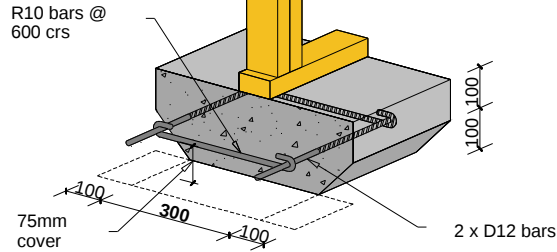
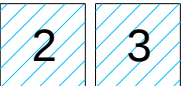


SLAB THICKENING & STUD REQUIREMENTS

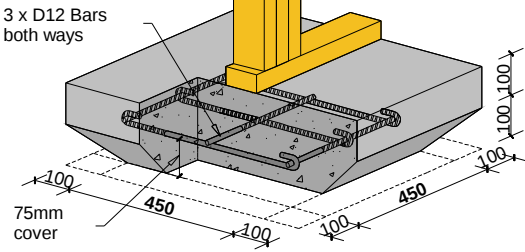
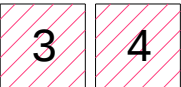
TYPE FP1
375mm² Pad



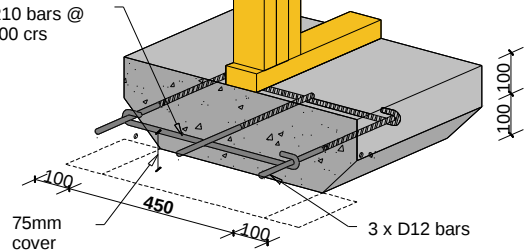
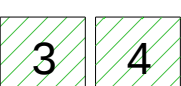
TYPE FS1
300mm Strip



TYPE FP2
450mm² Pad



TYPE FS2
450mm Strip

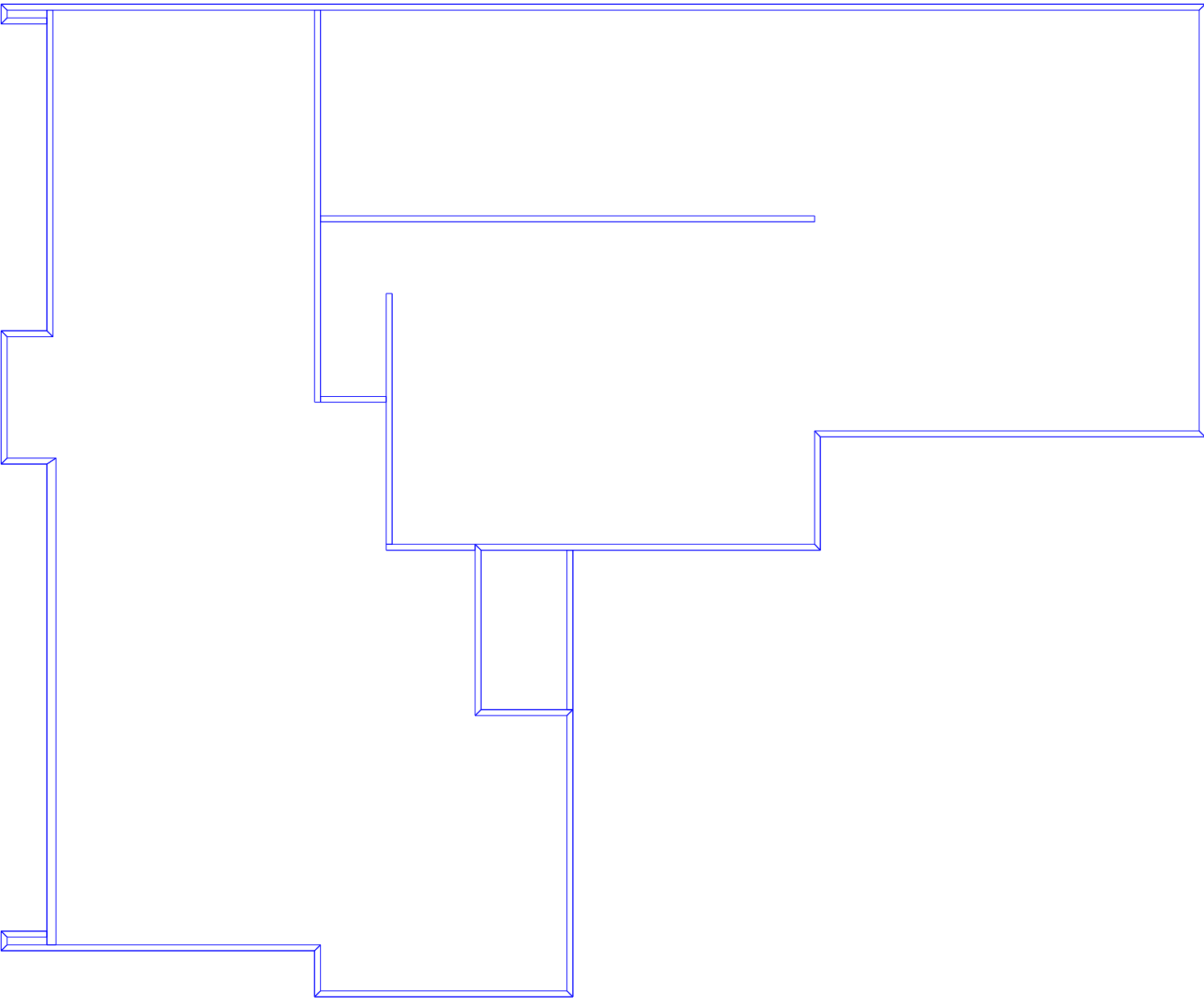


Notes:
- The numbers found in the hatched areas are the numbers of studs required below each truss
- Standard 100mm reinforcing concrete slab, as per NZS3604:2011

Refer to:
MiTek Internal Load Bearing on Concrete Floor Slabs 10/2011
MiTek Structural Fixings **On-Site Guide** for Building Code Compliance



Concrete Slab
Thickening
Guide



NO SLAB THICKENING REQUIRED



34 Carncross Street
Mosgiel
Ph 03 484 7280

Site Address :
Sentinel Homes
Burgess & Allen
7 Whitehaven St
Oamaru

Sheet Title :
WDC 24009002
As Built Truss Layout

Date : 5 Aug.2024
Scale : 1: 100
Drawn : Craig Murphy
System : MiTek 20/20

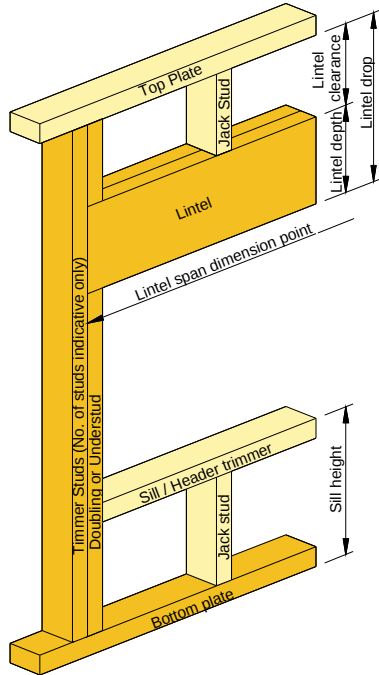
Job Details:
Roof Pitch : 5.00deg
Roof Material : Longrun Iron .55mm
Ceiling Material : Rondo on clips
Wind Zone : High
Roof Snow Load : 0.630kPa

Truss Centres : 900mm
Roof Live Load : 0.250kPa
Floor Live Load :
Wind Speed : 44m/s
Overhang : 600mm



Job Title :
252947D
Sheet :
2
Revision Number :

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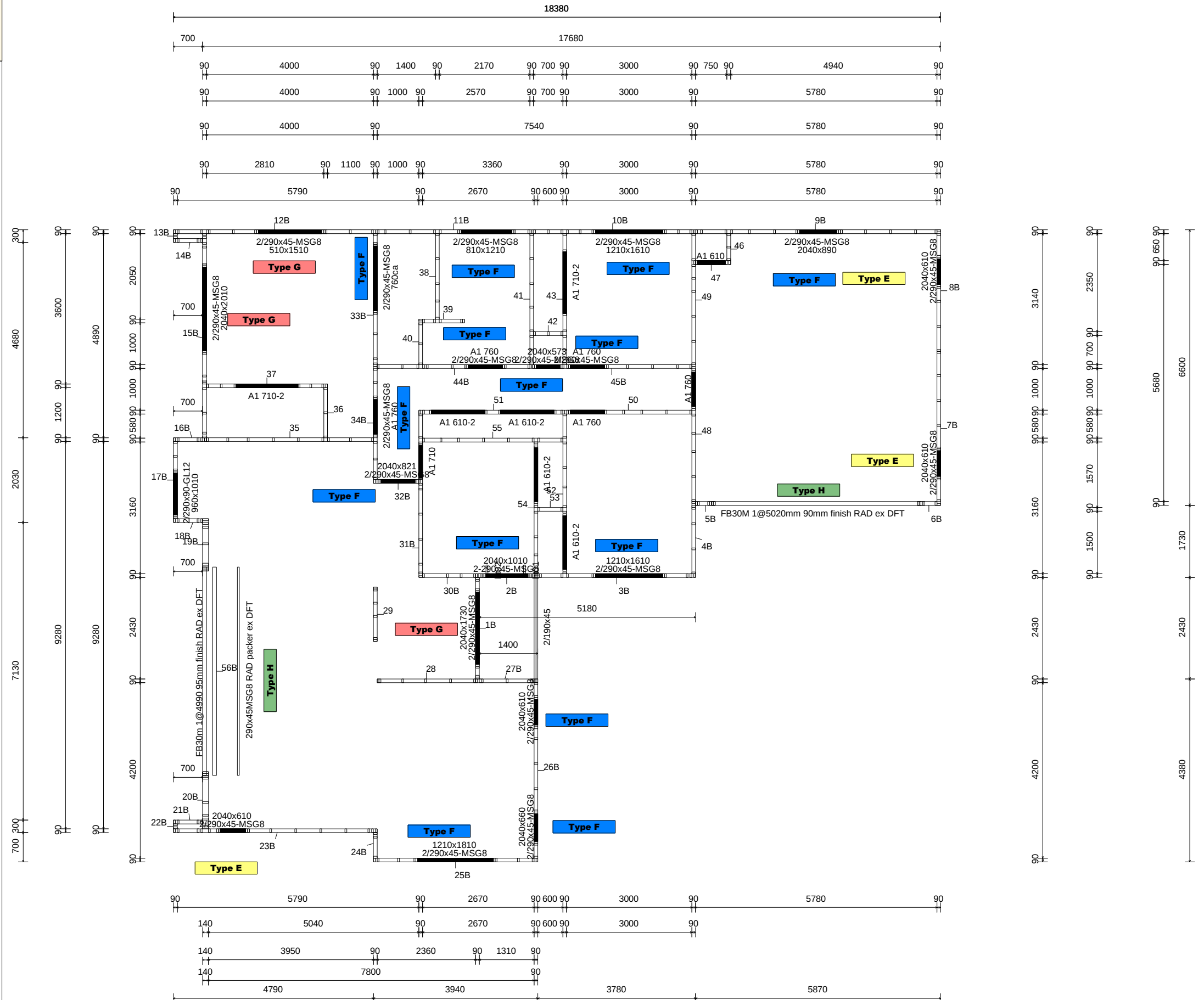


TYPE G
7.5 kN

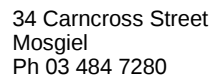
TYPE H
13.5 kN

Plates are skewed nailed to studs as per NZS 3604:2011.
All linels not shown on plans have been sized from MiTek Gangnam Linets, Beams, Joists & Rafters, MiTek Fitch Beams or CHH Design IT Software.
PlaceMakers Frame & Truss provide this information as their recommendations only.
The recommended fixing systems in this wall framing layout may need additional fixings to comply with the building code NZS3604:2011.
All building contractors or their subcontractors are responsible for ensuring in particular areas "that appropriate additional fixings are fitted on site, where required, to ensure compliance" with the building code.
All building contractors or their subcontractors are responsible for checking frames are correct before the manufacture or installation of complementary building products.

Refer to:
LUMBERLOK Intel 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)



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Site Address :

Sheet Title :

WDC 24009002
As Built Truss Layout

Date : 5 Aug,2024	Drawn : Craig Murphy
Scale : 1: 100	System : MiTek 20/20

Job Details:

Roof Pitch : 5.00deg
Roof Material : Longrun Iron .55mm
Ceiling Material : Rondo on clips
Wind Zone : High
Roof Snow Load : 0.630kPa

Truss Centres : 900mm
Roof Live Load : 0.250kPa
Floor Live Load :
Wind Speed : 44m/s
Overhang : 600mm



Job Title :

252947D

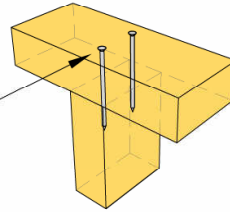
Sheet :
3
Revision Number :

TYPE A - 0.7 kN

*Images are indicative only.
Timber sizes may vary.

Non-Load Bearing Walls

2 x 90mm x 3.15 Ø plain
steel wire nails driven
vertically through single Top
Plate into stud



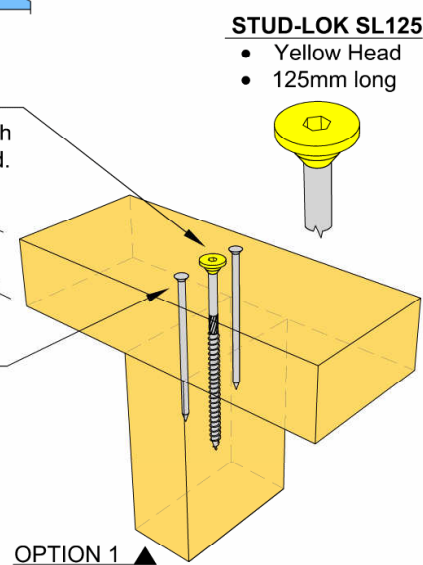
TYPE B - 4.7 kN

Load Bearing Walls

1 x STUD-LOK **SL125**
screwed vertically through
single Top Plate into stud.

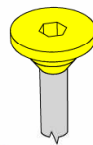
Max.Top Plate
Depth = 45mm

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



OPTION 1 ▲

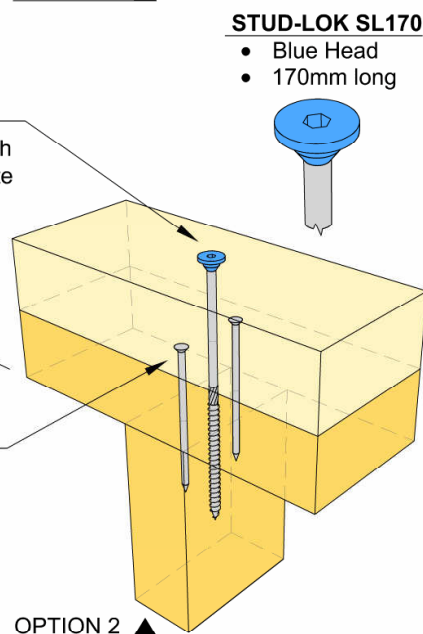
STUD-LOK SL125
• Yellow Head
• 125mm long



1 x STUD-LOK **SL170**
screwed vertically through
single or double Top Plate
into stud.

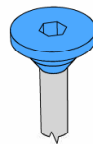
Max.Top Plate
Depth = 90mm

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

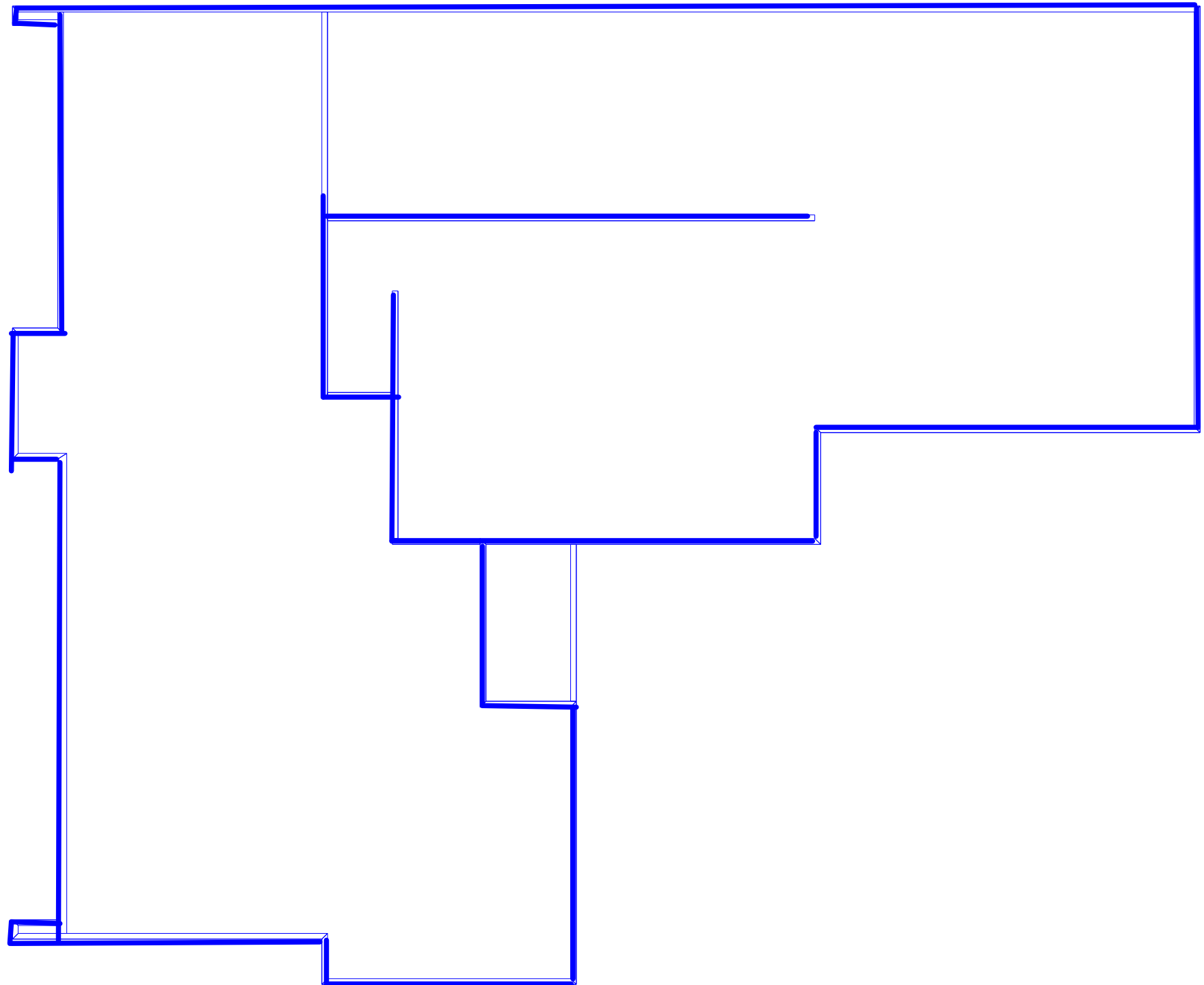


OPTION 2 ▲

STUD-LOK SL170
• Blue Head
• 170mm long



(Alternative to NZS 3604:2011 Section 8)



34 Carncross Street
Mosgiel
Ph 03 484 7280

Site Address :

Sentinel Homes
Burgess & Allen
7 Whitehaven St
Oamaru

Sheet Title :

WDC 24009002
As Built Truss Layout

Date : 5 Aug.2024

Drawn : Craig Murphy

Scale : 1: 100

System : MiTek 20/20

Job Details:

Roof Pitch : 5.00deg
Roof Material : Longrun Iron .55mm
Ceiling Material : Rondo on clips
Wind Zone : High
Roof Snow Load : 0.630kPa

Truss Centres : 900mm
Roof Live Load : 0.250kPa
Floor Live Load :
Wind Speed : 44m/s
Overhang : 600mm

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Job Title :

252947D

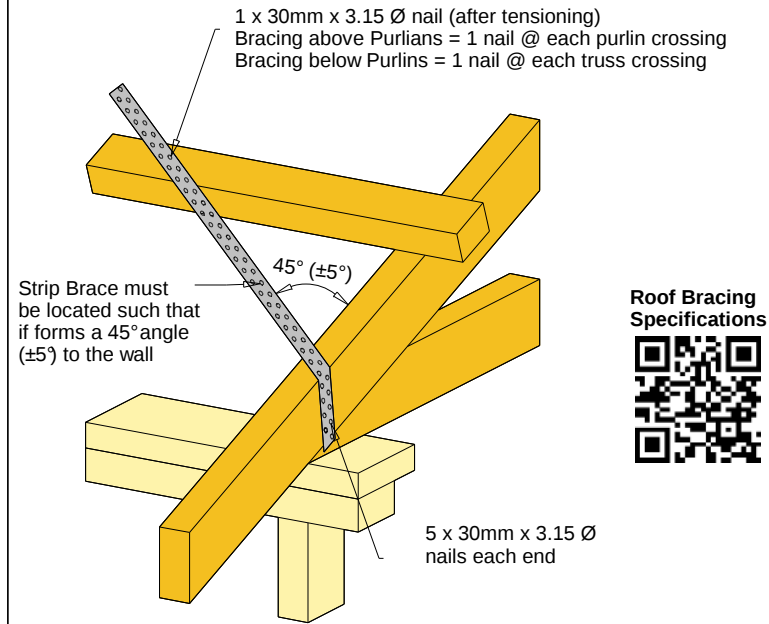
Sheet :

4

Revision Number :

LUMBERLOK[®]

ROOF BRACING



Refer to:
LUMBERLOK Roof Bracing Specifications 10/2011
MiTek Structural Fixings **On-Site Guide** for Building Code Compliance
(As per NZS 3604:2011)



LUMBERLOK[®]

TRUSS FIXINGS

- D - Pair of Wire Dogs and 2 x 90mm 3.15mm skew nails
- X - LUMBERLOK JH47x90 Joist Hanger
- Z - LUMBERLOK JH47x120 Joist Hanger
- P - LUMBERLOK JH47x190 Joist Hanger
- E - LUMBERLOK JH95x165 Joist Hanger
- T - LUMBERLOK CT200 Ceiling Tie
- O - Pair of LUMBERLOK CT200 Ceiling Ties
- H - LUMBERLOK CT400 Cyclone Tie
- B - LUMBERLOK CT600 Cyclone Tie
- 4 - LUMBERLOK Multi Grip
- M - Pair of LUMBERLOK Multi Grips
- NP - LUMBERLOK Nailon Plate
- N - LUMBERLOK N21 Diagonal Cleat
- V - LUMBERLOK CPC40 Cleat
- W - Pair of LUMBERLOK CPC40 Cleats
- K - LUMBERLOK TTP 16kN Truss to Top Plate set
- G - LUMBERLOK TTP 9kN Truss to Top Plate set

Joist Hanger Installation



CT200 Truss to Top Plate Fixing Installation



16kN & 9kN Truss to Top Plate Fixing Installation



Notes:
All other areas must have the minimum 2 x 90mm 3.15mm skew nails and 2 x wire dogs for truss to top plate connections

Refer to:
LUMBERLOK Timber Connectors Characteristic Loadings Data Brochure 08/2014



34 Carncross Street
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Sheet Title :
WDC 24009002
As Built Truss Layout

Date : 5 Aug. 2024
Scale : 1: 100
Drawn : Craig Murphy
System : MiTek 20/20

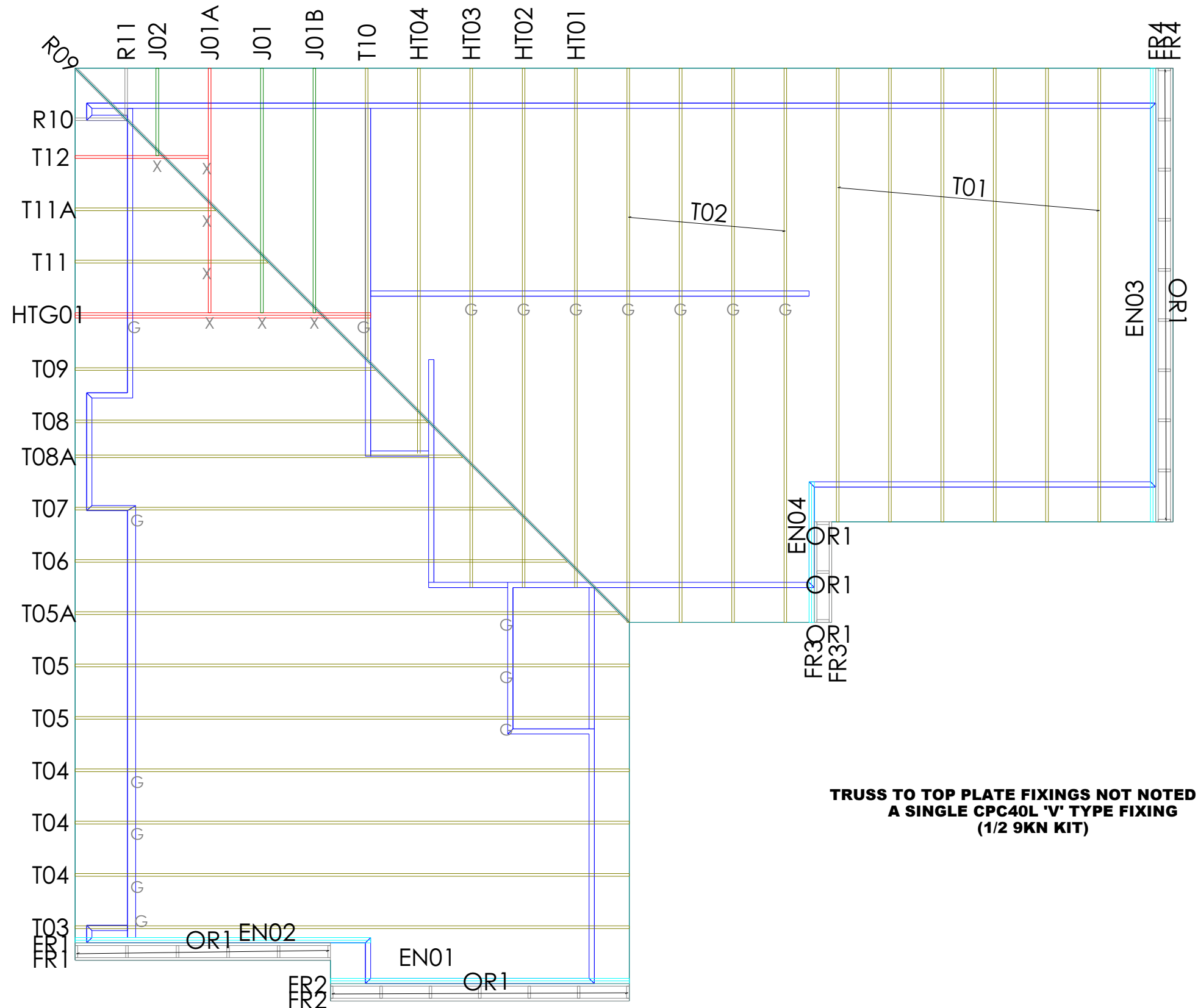
Job Details:
Roof Pitch : 5.00deg
Roof Material : Longrun Iron .55mm
Ceiling Material : Rondo on clips
Wind Zone : High
Roof Snow Load : 0.630kPa

Truss Centres : 900mm
Roof Live Load : 0.250kPa
Floor Live Load :
Wind Speed : 44m/s
Overhang : 600mm



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Job Title :
252947D
Sheet :
5
Revision Number :



**TRUSS TO TOP PLATE FIXINGS NOT NOTED ARE
A SINGLE CPC40L 'V' TYPE FIXING
(1/2 9KN KIT)**