

Producer StatementJob Ref: **18RICHMAN****Truss Design Criteria****CLIENT Name:** **VTFE****SITE Details:**Address : 18 RICHMAN AVE
PROSPECT

City:

Post Code: State:

Nominal Design Criteria:

Building importance: Residential (Importance Level 2)
Roofing: Sheet steel (0.48mm) (5.6 kg/sq.m)
Ceiling: 10mm plasterboard (7.2 kg/sq.m)
Top chord battens: 1200 mm

BC restraints: Direct (nail/screw restraint) at 600 mm crs
Standard truss spacing: 1200 mm
Standard roof pitch: 20.00 deg.
Ult. design wind speed: 34 m/s (wind classification = N1)
Max. eaves height: 3 m
Max. ridge height: 8 m
Int pressure coeff. up: 0.2
Overhang Condition: No fascia

Note : Where relevant, a structural fascia beam is required at all hip and dutch hip corners to support the short creeper/rafter overhangs, as shown in AS4440-2004

Note: Ceiling lining must be fixed to the bottom chords of trusses with nails or screws at maximum 600 mm centres.

Note: This statement must be read in conjunction with the truss layout and detail sheets.

Note: Some trusses in this job support roofing and ceiling materials that are different to this nominal data (see individual truss detail sheets).

Note: The Structural Timber products supplied in this building stores approximately '660' kg of carbon.

Compliance:

The truss designs for this job have been determined using computer software provided by Pryda Australia, using sound and widely accepted engineering principles. In particular, loadings and designs are performed in accordance with the Standards adopted by primary reference in the National Construction Code (NCC 2019), Part A4.0 and Schedule 4 of Volume One and Two.

In addition, the following secondary referenced Australian Standards also apply:

AS 1649-2001 Timber - Methods of test for mechanical fasteners and connectors - Basic working loads and characteristic strengths

The software used in the preparation of these designs complies with the requirements in the ABCB "Protocol for Structural Software" (Version 2011.2), where applicable. A copy of the Compliance Document referenced therein is held at the Pryda office in Melbourne, Australia, and is available for examination by approval authorities and other building practitioners if required.

The person signing this Statement has been trained in the use of this software (Training certificate ID: PB4R000960).

All trusses shall be manufactured in accordance with the fabrication specifications provided by Pryda, and installed, connected and braced in accordance with the recommendations given in - : AS4440:2004 "Installation of nailplated timber roof trusses" and any other supplementary details that may be provided, such as the Pryda Installation Guides.

All truss designs and their connections have been designed using Pryda design software. Additional items such as roof/ceiling plane bracing, special notes, supplementary timber, etc., which may be shown on the plan drawings are the responsibility of others.

Name: Nick MartinPosition: DetailerSigned: Date: 02-09-2020

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<i>Supporting Truss</i>	<i>Supported Truss</i>	<i>Top Chord</i>	<i>Bottom Chord</i>
(Various)	J3	1/MG	-
	J8	1/MG	-
	J9	1/MG	-
	J1	1/MG	-
TG3	J2	1/MG	-
	J3	1/MG	-
	J4	1/MG	-
	J5	1/MG	-
TG4	J6	1/MG	-
	J7	1/MG	-
	J8	1/MG	-
	J9	1/MG	-

Fixing Summary:

<i>Connector</i>	<i>Description</i>	<i>Total</i>	<i>Fixing Method (per connector)</i>	
Primary			<i>Girder</i>	<i>Supported Truss</i>
TB35/12	Truss boot	8	8/12g-11x35 screws	12/12g-11x35 screws
Secondary			<i>Supporting Truss</i>	<i>Supported Truss</i>
MG	Multigrip	21	6/35x3.15d nails	4/35x3.15d nails
Tiedown			<i>Support</i>	<i>Truss</i>
SB083/30	Strapbrace (4 nails per leg)	39	8/35x3.15d nails	1/35x3.15d nails