Truss Tech Ltd
20 Wolter Cres, Cromwell, , , Ph 03 445 4030, Fax 03 455 4031

Date: 02-08-2016
Ver 4.3.2

Fabricator / Designer Statement

Job Ref: **160719P**

This statement may be used by the Building Consent Authority for compliance purposes and is issued by a licensed truss fabricator using the Pryda Build software.

CLIENT Name: *NZCAD*

SITE Details:

Address : *Creighton*
Northlake Development

City: *Wanaka*

Post Code:

Nominal Design Criteria:

Design working life: 50 years
Building importance: Residential
Roofing: Longrun (6.0 kg/sq.m)
Ceiling: 13mm Gib-board (8.5 kg/sq.m)
Top chord purlins: 900 mm

BC restraints: Battens at 1800 mm crs
Standard truss spacing: 900 mm
Standard roof pitch: 35.00 deg.
Ult. design wind speed: 44 m/s (wind classification = High)

Max. eaves height: 3 m
Max. ridge height: 8 m

Int pressure coeff. up: 0.2
Overhang Condition: Metal fascia

Design roof snow load: 640 Pa
(incl. probability factor)
Ground snow load: 1300 Pa
Location: Region N5 - Otago/Southland
Altitude above sea level: 380 m
Imposed floor loads: 1.5 kPa '1.8 kN

The correctness of the Design Criteria used by the Pryda Build truss design software is the responsibility of the fabricator.
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: This statement must be read in conjuction with the truss layout and detail sheets.

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.

All trusses have been manufactured in accordance with the fabrication specifications provided by Pryda, and shall be 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.

Timber verification and grading values are in accordance with clause B1 and timber treatment in accordance with clause B2 of the New Zealand Building Code.

I/we confirm that the trusses for this project have been manufactured in accordance with the fabrication specifications provided by Pryda New Zealand

Name: Liam Robertson Position: Designer

Signed: _____ Date: 02-08-2016

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Producer Statement - PS1 - Design

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This producer statement applies to the structural engineering design software "Pryda Build" supplied by Pryda NZ to

Truss Tech Ltd

These truss designs are in accordance with sound and widely accepted engineering principles. I believe on reasonable grounds that if constructed in accordance with the design, the trusses will comply with relevant requirements of the New Zealand Building Code, Clause B1 and Verification Method B1/VM1. The durability shall comply with the New Zealand Building Code, Clause B2, for building importance level 2 and a design working life of 50 years.

In addition to the above, this software also complies in part with:

ANSI / TPI 1 - 2002 National Design Standard for metal plate connected wood truss construction.

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

The truss designs require that the supporting structure is stable in its own right, and that the trusses will be braced in accordance with the New Zealand Building Code Standard NZS 3604:2011, and any supplementary details provided, including but not limited to Pryda Installation Guides.

Pryda NZ holds a current policy of Professional Indemnity Insurance with cover no less than NZ$2 million. The policy includes the engineering design processes used in the software.

On behalf of Pryda NZ (a division of ITW New Zealand)

D. Scheibmair

Daniel Scheibmair
NZ Engineering Manager
BE, ME (Hons), CPEng, IntPE, MIPENZ (261677)
Pryda New Zealand