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New Zealand Wood Products Ltd
PO Box 13647
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Ref 1763: Structural review of Hyne Design V7 software for New Zealand.

I have structurally reviewed the Hyne Design software version 7.3.1.2 produced by HR Design Group Ltd in accordance with sound engineering practice and with the following standards:

AS/NZS1170:2002
NZS3603:1993, including Amendment4
NZS3604:2011

The program enables the user to design rafters, beams, bearers, joists and wall frame components for domestic applications. Timber products available are Hyne 17C, 18, 21, LGL, MGP10, MGP12; LP Building Products LPI 53-T and LPI 70-T timber I beams, generic LVL11 / 13 grades and solid radiata pine grade SG8.

The review has consisted of running a range of typical scenarios through the software. No review of the internal program logic and programming code has been undertaken.

I am satisfied that with proper use by appropriately qualified personal the results from the software will enable selection of components to comply with the structural requirements of the New Zealand Building Code, subject to correct installation in accordance with the component suppliers' requirements.

Yours faithfully

A handwritten signature in blue ink, appearing to read 'D Reid'.

David Reid
STRUCTURAL ENGINEER, IPENZ Member ID 121639.

Structural Timber Engineering

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