

**BUILDING AUTHORITY ROOF TRUSS CERTIFICATION****PROJECT IDENTIFICATION**Quote Number: **TT02398**Customer: **DEDICATED DEVELOPMENT PTY LTD** Site Address: **638 BURBRIDGE RD  
WEST BEACH SA 5024 AUS  
DWELLING 2**Structure Type: **House**

This is to certify that the prefabricated timber roof trusses and pre-cut hip end members supplied to the above project were manufactured using MULTINAIL metal connectors and detailed using MULTINAIL computer truss design programs, in accordance with the National Construction Code.

The roof truss design and detailing assumes the supporting structure is stable within its own right before the installation of the roof trusses.

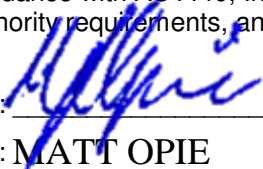
The specifications used in the design of the trusses were as follows :

ROOF SHAPE	: <b>Standard</b>	ROOFING	: <b>Metal Sheet@7kg/m<sup>2</sup></b>
TIMBER	: <b>Dry Softwood</b>	TC Fixing/Restraint	: <b>Metal @ 1200c/1200c</b>
SPACING	: <b>1200 mm</b>	CEILING	: <b>Plaster 10mm Supa Span@7.2kg/m</b>
FASCIA TYPE	: <b>Non-structural</b>	BC Fixing/Restraint	: <b>Direct fix @ 600c/600c</b>
WIND / EXT / INT	: <b>N1 / 0.6 / 0.2</b>	PITCH	: <b>22.5 / 22.5 deg</b>
		OVERHANG	: <b>0 / 0</b>

All designed trusses and pre-cut members utilize the following codes:

AS/NZS 1170.0-2002: Structural Design Actions Part 0: General principles  
AS/NZS 1170.1-2002: Structural Design Actions Part 1: Permanent, imposed and other actions  
AS/NZS 1170.2-2011: Structural Design Actions Part 2: Wind actions  
AS/NZS 1170.3-2003: Structural Design Actions Part 3: Snow and ice actions  
AS 4055-2012: Wind loads for housing  
AS 1720.1-2010: Timber structures Part 1: Design methods  
AS 1720.3-2016: Timber structures Part 3: Design criteria for timber-framed residential buildings  
AS 1720.5-2015: Timber structures Part 5: Nailplated timber roof trusses  
AS 1649-2001: Timber-Methods of test for mechanical fasteners and connectors  
AS 4100-1998: Steel Structures  
AS/NZS 4600-2005: Cold-formed steel structures

All trusses must be braced and erected in accordance with AS4440, Installation of nailplated timber trusses, in conjunction with all local building authority requirements, and any other supplied details.

SIGNATURE :   
NAME : **MATT OPIE**  
POSITION : **DETAILER**  
DATE : **12/02/2019**

For detailed load information, including AC, Solar, Tank and Storage loads, refer to the detailed Engineering and Submission reports and Roof Layout.