

**BUILDING AUTHORITY ROOF TRUSS CERTIFICATION****PROJECT IDENTIFICATION**Quote Number: **TT02361**Customer: **D'ANDREA**Site Address: **50-52 WINDSOR ST  
MAGILL SA 5072 AUS  
DWLG 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.

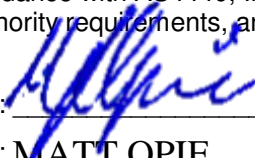
The specifications used in the design of the trusses were as follows :

ROOF SHAPE	: <b>Standard</b>	ROOFING	: <b>Metal Sheet@9kg/m<sup>2</sup></b>
TIMBER	: <b>Dry Softwood</b>	TC Fixing/Restraint	: <b>Softwood @ 1200c/1200c</b>
SPACING	: <b>1200 mm</b>	CEILING	: <b>Plaster 10mm Supa Span@9.2kg/m</b>
FASCIA TYPE	: <b>Non-structural</b>	BC Fixing/Restraint	: <b>Softwood @ 600c/600c</b>
WIND / EXT / INT	: <b>N1 / 0.6 / 0.2</b>	PITCH	: <b>20.0 / 20.0 deg</b>
		OVERHANG	: <b>550 / 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 : **3/12/2018**

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