

**Producer Statement**

**Truss Design Criteria**

**CLIENT Name:** Buxton Construction

**SITE Details:**

**Address :** stage 3 part 1 RT - Assisi Centre Redov  
230 Rosanna rd, Rosanna

**City:**

**Post Code:** **State:**

**Nominal Design Criteria:**

**Building importance:** Commercial

**Roofing:** Sheet steel (0.48mm) (5.6 kg/sq.m)

**Ceiling:** 13mm plasterboard (8.5 kg/sq.m)

**Top chord purlins:** 900 mm

**BC restraints:** Battens at 450 mm

**Standard truss spacing:** 900 mm

**Standard roof pitch:** 10.00 deg.

**Ult. design wind speed:** 40 m/s

**Region:** A1-A5

**Terrain category:** 2.5

**Max. eaves height:** 3 m

**Max. ridge height:** 8 m

**Shielding Classification:** None  
**Topographic Classification:** T<sub>1</sub>

**Int pressure coeff. up:** 0.2

**Overhang Condition:** Metal fascia

Note : 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: The standard trusses in this job have been designed for wind conditions assuming a fully hipped (or Dutch hip) roof.

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 2012), Volume One, Specification A1.3 and Volume Two, Part 1.4.

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

AS 1684.1-1999 Residential timber - framed construction, Part1, Design Criteria

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.

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Job Ref: 802117S3P1

Note 1: All timber framing nails are machine-driven, glue coated, or annular/helical deformed shank.  
Use specified fixings with Pryda connectors as noted.

Note 2: Tie-downs and truss-to-truss connections not yet designed.