

## 102 Caulfield North

**BUILDER** / Quadrant Building Pty Ltd

**ARCHITECT** / Amnon Weber Architecture

**LOCATION** / 102 Balaclava Road, Caulfield North (VIC)

**TOTAL L/M OF STEEL FRAME SUPPLIED** / 6708

**TOTAL M<sup>2</sup> OF SBS GROUP FOOTPRINT AREA** / 682.74

**FLOOR COUNT** / 4

### THE PROJECT CHALLENGE /

As the design of the roof truss shapes most likely could not have been fabricated from timber, an accurate, reliable and easy to install steel frame system was required.

### THE SBS STEEL SOLUTION /

- The in-house design and construct approach for the top floor and roof truss framing ensured a controlled LGS alternative, removing unnecessary structural steel from the design.

In the builder's own words:

- Seeing the complete structure in a fly through 3D model greatly assisted with foreseeing some design shortfalls. Some additions and amendments were made to the design early on and implemented seamlessly on site.
- The 3D model enabled us to determine where additional support for roofing was required and how the draining of the roof will work.
- Frames were delivered to site pre-assembled and erected in-situ quickly.

*Richard V (Construction Manager)*

