



BUILDING SHEDS  
SINCE 1982

*It's the Real shed.*

# CASE STUDY

N° 1618



## 80 x 40 x 7.9MTR MACHINERY SHED

CLIENT	S&C Smart Pty Ltd
YEAR	2014
PURPOSE	Machinery Storage
LOCATION	Mingenew, Western Australia



### PROJECT BRIEF

Client runs a well managed 22,000 hectare farming operation in the Shire of Mingeneu and required a secure storage shed for the protection of agricultural machinery and implements. Clear accessibility was essential to allow for road trains, seeding bars, harvesters, comb fronts and chaser bins. With the client's property being testament to a tidy and efficient organisation, top quality and finish of the building wasn't optional.

### WHEATBELT STEEL'S ANSWER

A 3,200 square metre fully enclosed 80m x 40m x 7.9m structural web truss shed incorporating 8mtr sliding doors the entire length of each shed side with a 6.5mtr clearance height. The design includes 10 x 16m Clear span trusses which allow an opening of 16mtr per section to enable maximum accessibility.

### CLIENT'S WORDS

*"We are happy with the shed that Wheatbelt built and erected for us, apart from some slight time delay issues that were rectified efficiently, the building suits the purpose it was designed and built for perfectly. We have and will continue to recommend you guys to anyone that needs a shed!" - Stuart Smart, Owner*



10 x 6.5H x 16W Clearspan Openings

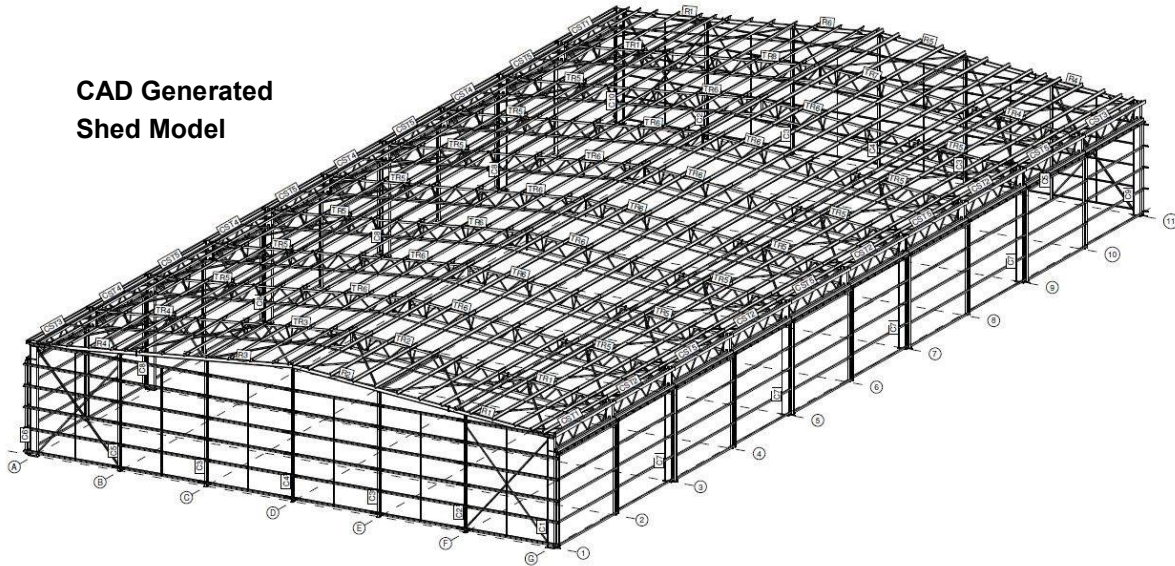


Parallel Cord Web Trusses



20 x 6.5H x 8W Sliding Doors

CAD Generated  
Shed Model



## SHED SPECIFICATIONS

### SHED CONFIGURATION & DIMENSIONS

<b>Configuration</b>	Fully Enclosed
<b>Overall Dimensions (L x W x H)</b>	80m x 40m x 7.9m
<b>Bay Spacing</b>	8.0m
<b>Clearance Height</b>	6.5m

### CONSTRUCTION

<b>Column Construction</b>	Universal Beam (RSJ)
<b>Rafter Construction</b>	Parallel Cord Web Truss
<b>Steelwork Treatment</b>	Shot Blasted Class 2 - Painted Industrial Enamel 75 Microns

### CLADDING, GUTTERS & DOWNPIPES

<b>Cladding Profile</b>	Trimdek®
<b>Roof Cladding Finish</b>	Zincalume, 0.47 TCT
<b>Wall cladding Finish</b>	Zincalume, 0.47 TCT
<b>Gutter Finish</b>	Zincalume
<b>Downpipe Finish</b>	Zincalume

### CUSTOM FEATURES

<b>Doors &amp; Openings</b>	10 x 6.5H x 16W Clearspan Openings 20 x 6.5H x 8W Sliding Doors 4 x PA Doors
<b>Other</b>	Gutters tapered to each corner



Erection Phase



Completed Project



Aerial View