

# SPECIFICATION

for the construction of

## Mount Beauty & District Men's Shed Extension

at  
Tennis Court Avenue, Mount Beauty

October 2019

**Issue A**



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## SECTION 05 PROJECT SPECIFICATIONS - SCHEDULES

### 1. DEMOLITION

Remove window to existing toilets. Make good. Remove downpipe where shown on drawings.

### 2. EXCAVATION AND FILL

Excavation and foundation preparation has been done.

Excavate for raft slab and edge beams to engineer's design.

Termite control: Provide 150mm visual barrier to perimeter of concrete slab. Refer Concrete section for additional termite treatment.

### 3. STORM DRAINAGE

Install downpipes where shown on drawings to match existing. Stormwater connection by others

### 4. CONCRETE

Supply and install termite control, concrete, reinforcing steel, formwork, for strip footings, floor slabs, paving, pits, curbs etc.

Concrete to be built in accordance with AS2870 Residential Slabs & Footings.

Construct concrete raft slab, edge beams and internal beams as per engineering drawings.

Item	Description
Reinforcing steel:	Clean, no mud, oil or rust. Provide bar chairs
Waterproofing membrane:	0.2mm thick plastic premium quality
Concrete	20mPa strength at 28 days. Use no additives without authority
Termite control	Provide <b>Termimesh stainless steel mesh or Kordon sheet</b> to all slab penetrations.

### 5. METAL FRAMING

Supply and install steel portal frames, wall frames, roof framing, verandah columns to engineer's specifications.

### 6. CARPENTRY

Supply & erect wall and floor framing as shown. All timber framing to be termite resistant treated.

<b>Carpentry</b>				
ITEM	Stress Grade	TIMBER NAME	SIZE	SPACING
Bottom Plate	MGP10	Radiata pine	90 x 45	
Top Plate	MGP10	Radiata pine	2 off 90 x 45	
Studs	MGP10	Radiata pine	90 x 45	450 centres
Noggings	MGP10	Radiata pine	90 x 45	
Floor joists		Refer Struct Eng comps		
Floor sheet		T&G Particleboard	19mm min	

### 7. THERMAL INSULATION

Provide thermal insulation as below.

Item	Description	R-Rating	Manufacturer
Wall insulation	AirCell	R 2.0	Kingspan
Roof insulation & sarking	AirCell	R 2.0	Kingspan

### 8. METAL ROOFING, CLADDING & PLUMBING

Metal roofing, downpipes, gutters.

Item	Description	Finish / Colour	Supplier	Dimensions
Metal Roof corrugated	CustomOrb	'Evening Haze' Colorbond	Lysaght	0.47mm gauge
Safety mesh	Below roof sheet	Galvanised	AusMesh	300x150x2
Roof ventilators	Whirlybird 2 off	'Evening Haze' Powdercoat		300 diam
Eaves Gutters	Quad 115	'Woodland Grey' Colorbond	Lysaght	90 x 115
Downpipes	Circular	'Gully' Colorbond		
Metal Wall Cladding	Longspan	'Gully' Colorbond	Stramit	0.42mm gauge

## 9. DOORS & DOOR FRAMES

Install external doors, door frames, as per schedule following.

Timber doors, paint finish

Deadlocks & Keylocks: Lockwood, key to match existing locks.

Lever handle: Lockwood 1370 series brass 'Tempo' 71, round rose

Door No	Location	Description	Height x width	Finish	Door Hardware	Screen Seal
D10	Extension	External swing, solid core	2040 x 920	Enamel paint	Deadlock, free release lever	Weatherseal
D11	Extension	Internal, swing, solid core	2040 x 920	Enamel paint	Lever, passage latch	
D12	Tool Store	Internal, swing, solid core	2040 x 920	Enamel paint	Lever, passage latch	
D13	Material Store	Internal, swing, solid core	2040 x 920	Enamel paint	Lever, passage latch	
D14	Office	Internal, swing, solid core	2040 x 920	Enamel paint	Lever, passage latch	

## 10. WINDOWS, WINDOW FRAMES & GLAZING

Single glazed windows, safety glass minimum 4mm toughened

Powdercoated aluminium frame, Bradnams by Wunderbar.

Number	Location	Description	Height	Width	Head	Hardware
W10	Extension	Sliding	1000	1500	2100	Key lock
W11	Extension	Sliding	1000	1500	2100	Key lock
W12	Extension	Sliding	1000	1500	2100	Key lock

## 11. ROLLER SHUTTER DOORS

Supply & install powdercoated metal roller shutter doors, B&D or similar approved.

Number	Location	Height	Width	Head	Hardware
RD3	Extension	2400	2400	2400	Key lock
RD4	Extension	2400	1800	2400	Key lock

## 12. ELECTRICAL DISTRIBUTION

Supply and installation of electrical transmission and reticulation materials from mains supply to required electrical power and light outlets. Locations to be confirmed. Quantities allowed for pricing only.

### ELECTRICAL FITTINGS SCHEDULE

ITEM	LOCATION	MAKE & MODEL	DESCRIPTION	FINISH, COLOUR
<b>INTERNAL LIGHT FITTINGS</b>				
Ceiling mounted			LED fitting, 9 off, TBS	
<b>EXTERNAL LIGHT FITTINGS</b>				
Floodlight			LED fitting, 2 off, TBS	
<b>SWITCHING &amp; ACCESSORIES</b>				
Switches		Clipsal 2000	2000 series, 4 off, @1000FFL	white
Internal GPOs		Clipsal 2025	2000 Series, 8 off @ 300 FFL	White

## 13. FIRE EXTINGUISHERS

Provide fire extinguishers to comply with AS2444.