



# SOUTHERN ELEVATION

SCALE 1 : 50 AT A1 1 : 100 AT A3

ROCKHAMPTON REGIONAL COUNCIL

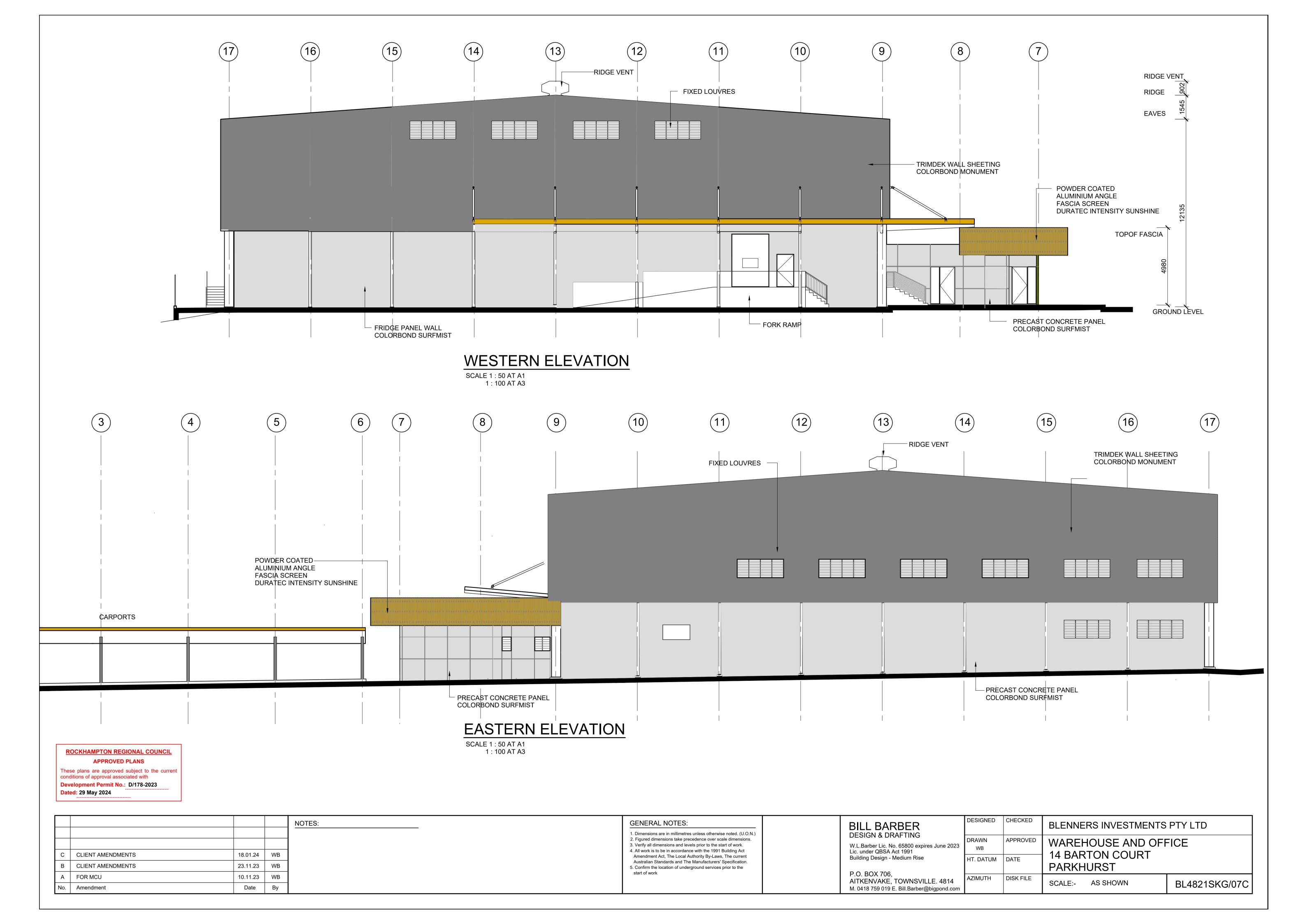
APPROVED PLANS

These plans are approved subject to the current conditions of approval associated with

Development Permit No.: D/178-2023

Dated: 29 May 2024

					GENERAL NOTES:  1. Dimensions are in millimetres unless otherwise noted. (U.O.N.)	Inless otherwise noted (LLON)	BILL BARBER DESIGN & DRAFTING W.L.Barber Lic. No. 65800 expires June 2023 Lic. under QBSA Act 1991	DESIGNED	CHECKED	BLENNERS INVESTMENTS	S PTY LTD
C		CLIENT AMENDMENTS 18.01.24	WB		2. Figured dimensions take precedence over scale dimensions.			WB		1/ BARTON COURT	
В	С	CLIENT AMENDMENTS 23.11.23	WB			Building Design - Medium Rise P.O. BOX 706,	HT. DATUM	DATE	PARKHURST		
A No.		FOR MCU 10.11.23 Amendment Date	WB By				AITKENVAKE, TOWNSVILLE. 4814 M. 0418 759 019 E. Bill.Barber@bigpond.com		DISK FILE	SCALE:- AS SHOWN	BL4821SKG/06C



#### legend



A grade Green Couch or similar on minimum 75mm depth of imported topsoil on prepared subgrade - ensure turf areas fall towards back of kerb on footpaths at 2% grade



## PLANTING BEDS - Type 1

Typically 300mm depth of imported topsoil and 75mm depth of organic mulch over prepared subgrade - refer Specification Notes



## PLANTING BEDS - Type 2

Typically 500mm depth of imported topsoil and 75mm depth of organic mulch over prepared subgrade - refer Specification Notes



#### TREE PLANTERS - Street and Easement

Typically 900mm depth of imported topsoil and 100mm depth of organic mulch over prepared subgrade - refer detail on this drawing



#### EXISTING STREET TREES RETAINED (Cupaniopsis\*) -

**CONCRETE GARDEN EDGE - Street and Easement Trees** 

retain and protect from damage existing street trees - confirm species\*, no.s, locations and health of trees - where health of a tree is poor seek advice from Council and if required replace with a new tree as per the Planting Plan - install a protective fence (1200mm high, 1.5 metres from tree) around each existing tree consisting of star pickets (4 no.) and 3 strands of wire with flagging - remove fence on completion of all works



## refer detail on this drawing

# \_\_\_\_IRC\_\_\_\_

#### **IRRIGATION CONDUITS**

Class 9 PVC pipe at 450mm cover -

extent, location and size determined by irrigation contractor

## **NEW TREES**

refer Planting Plan on LA-WD-03 and details on this drawing

#### **EXISTING/NEW SERVICES**

confirm locations and depths of all underground services prior to any excavation works -Note - not all services may be shown on this plan

#### **DIRECTION** of surface fall -

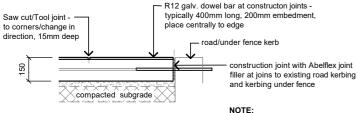
cut, trim, fill as required to achieve min. 2% fall across footpath to kerb lines as shown - refer Civil Dwgs for all other finished levels, falls, swales etc

## **EQUAL Levels -**

denotes equal levels between adjacent surfaces

# concrete edge on 30mm crusher dust layer - 125mm x 150mm deep, min. N25 concrete mix. R10 galv, bar centrally, steel turf on 75mm trowel finish to top surface mulch - typically 100mm deep finish 25mm below top of edge planting bed - trees subgrade

## typical section



typical elevation

edge is covered by a 12 month defects liability period

#### concrete edge detail - street and easement trees

1:10 at A1

#### SPECIFICATION NOTES

Generally refer to and comply with Rockhampton Regional Council Specification SC6.12 Landscape Design and Street Trees Planning Scheme Policy for all the works as detailed and more specifically in accordance with the general specification notes following.

#### SITE PREPARATION WORKS:

Prepare areas for turfing and planting as follows:

Remove all weeds, rubbish, builders rubble, existing grass cover etc from areas of turf and planting, including to footpath and area in easement to extent shown/as required.

Allow to excavate and remove existing subgrade materials to a depth to accommodate new topsoil, mulch and turf depths etc to suit finished levels of existing/new kerbing/paths as follows:

Turf Areas - excavate and remove subgrade material as required to achieve free draining turfed areas with specified depths of topsoil (minimum 75mm) - trim and grade subgrade to ensure all turf areas have minimum 2% fall in direction towards kerbs as shown on the plans - any/all new turf in the easement to be placed to existing grade and to finish neatly with all existing grass cover

Planting Beds - excavate and remove subgrade material to 400mm depth (Type 1), 600mm depth (Type 2) and 1000mm depth for street and easement trees all as required to achieve free draining site with specified depths of topsoil (300mm, 500mm and 900mm) and mulch (75mm and 100mm) - note that planting beds can be mounded with topsoil where room permits to minimise excavation works. Subgrade Cultivation - to 'clay' subgrade, allow to cultivate subgrade to 150mm depth (planting beds) or 100mm depth (turfed areas) and add gypsum at rate of 2kg.sq.metre during

cultivation works: to 'sandy' subgrade, allow to add Dynamic Lifter plus or equal product to subgrade at rates recommended by Manufacturer prior to topsoiling.

#### CONCRETE EDGE:

Refer to detail this drawing

#### IRRIGATION SYSTEM:

Refer Specification note on this drawing

#### **EXISTING SERVICES:**

The contractor is responsible for ascertaining the types, locations and depths of all underground services on the footpath, in the easement and within the site prior to commencing any excavation works. Some services are shown on the plans (based on Site Survey data) but other services may be present and not shown on these plans.

#### STREET/EASEMENT TREES:

Allow to plant all specified street/easement trees as per the detail on this drawing.

#### TREES in PLANTING BEDS:

Allow to plant all specified trees in planting beds as per the detail on this drawing.

Organic mulch to Planting Beds and Street/Easement trees to be a pine chip of 25mm size typically free of all weeds, soil, sticks, litter and other deleterious matter. Finely shredded waste mulch will not be approved for use.

#### TOPSOIL:

Refer standard Council specification but generally planting bed topsoil be to be free draining with a minimum 20% organic material and free of all weeds and the like. Turf topsoil to be a free draining sandy loam with a minimum 5% organic content suitable for use under turf.

#### Backfill to tree holes to be 70% excavated material mixed with 15% well composted organic material and 15% course sand and 4 no. Agriform slow release fertiliser tablets; Install 1 no. HWD stake to trees (as per street trees) but tree as scheduled only if tree(s) require support - stake not shown on detail: Confirm locations and depths of all underground services prior to undertaking any excavation works 300mm depth of topsoil to all planting beds - excavate and remove subgrade 75mm depth of organic mulch finish 25mm below top of kerbs materials as required and edges kerb to car parks and the like tree root ball excavate and remove topsoil and . subgrade to accommodate tree root ball voavated material to 0.8m x 0.8m x 750mm depth of be used as backfill - see note. excavation (45 litre trees)

## tree planting detail - planting beds within site

indicative and not to scale

#### IRRIGATION SYSTEM:

Generally refer to and comply with Rockhampton Regional Council Specification **SC6.12** Landscape Design and Street Trees Planning Scheme Policy for all the works as detailed and more specifically in accordance with the general specification notes following.

The Contractor is to design and install a fully automatic, underground and permanent irrigation system to deliver 32mm of water per week to all planting beds and turfed areas shown on the drawings, including the footpath and street/easement trees. Any/all new turf in the easement is not included as an area to be covered by the new irrigation system (this turf to be hand watered for establishment only).

The contractor is to supply a design (CAD) drawing of the proposed irrigation system - prepared by a suitably experienced irrigation designer - to the Superintendent for Client approval prior to commencing any works.

#### Minimum system requirements as follows:

pop-up sprinklers to turfed areas spaced head to head and positioned to avoid overspray onto roadways, driveways, planting beds and the like;

drip irrigation (16mm 'Netafim" techline at 500mm ccs and 50mm soil cover) to planting beds and including to street/easement tree planters - see note below

2 no. drip rings (12 drippers in total) around base of each street and easement tree - place drip ring under 100mm depth of mulch and stake drip lines in place with galv. stakes to prevent drip rings becoming exposed thru mulch layer;

mainlines at 450mm cover, lateral lines at 300mm cover;

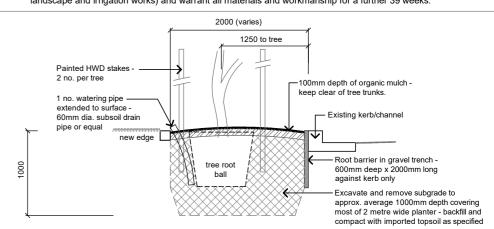
single automatic Controller, of appropriate size, in a lockable and weatherproof meter box fixed to a wall as directed by the Superintendent - source/install 10 amp power supply for controller and

. Council approved backflow/RPZV/filter installed by a licensed plumber and located after town water supply (meter) as advised by the Superintendent - approx. location only shown on the plan. Allow to install irrigation conduits under driveways/payements where shown - exact sizes and

numbers to be determined by contractor - co-ordinate with the civil contractor. Provide a scaled CAD drawn "as-built" irrigation plan (2 copies) to the Superintendent showing all

infrastructure with dimensions/offsets as required on completion of the works. Allow to provide instructions/training to the Client's landscape maintenance staff, if required, on how

to operate and maintain the system. Maintain and operate the system for 13 weeks (commencing date of Practical Completion of both landscape and irrigation works) and warrant all materials and workmanship for a further 39 weeks.



#### street tree planting detail - typical section

#### **NOTES: Street Trees**

locate and identify any existing underground services prior to commencing any excavation works for street trees -(Note - a reduced area and/or depth of excavation may be approved to avoid existing services);

do not damage existing kerbing (and subsoil drains) when installing root barriers or undertaking excavation works repair any damage as instructed by Council Field Officers;

excavate and remove subgrade material to approx. 1000mm depth - dispose of material off site; install approved root barrier product, 600mm deep, 2000mm long approx., against kerb as recommended by Manufacturer and prior to placing topsoil backfill;

supply imported garden loam/topsoil - mixed with compost/manure - and place into excavated tree holes and planting areas generally - lightly compact soil during placement to avoid settlement after planting;

install 1 no. pipe to the surface as a watering pipe and install irrigation drip rings at the appropriate time; excavate into new topsoil layer for tree root balls and place tree in position and plumb vertical and at a depth that root ball is covered by 50mm mulch layer after settlement - do not plant trees too low;

backfill and compact topsoil around root ball, placing 8 no. Agriform slow release fertiliser tablets around rootball during backfilling;

supply and place 100mm depth of organic mulch to planter and to cover root ball of trees; install 2 no. HWD painted stakes - 50x50x2000mm long (400mm into ground), colour "Heritage Green" - install

parallel to kerb (not as shown on detail) and 400mm from tree trunk.

scale:

## NOTES: Easement Trees

allow to plant easement trees on 1:4 existing batter slope with garden edge surround as shown on the plans; the above detail to be used for these trees with regards excavation depth, topsoil and mulch depths, watering pipe and irrigation drip rings, fertiliser tablets, hardwood stakes (2 no.) and so on - no root barrier required for these trees; locate and identify any existing underground services prior to commencing any excavation works for easement trees -

(Note - a reduced area and/or depth of excavation may be approved to avoid existing services); do not damage existing kerbing and fencing when installing trees or undertaking excavation works.

14 Barton Court, Parkhurst

**WAREHOUSE and OFFICE** 

LANDSCAPE WORKS

Legend, Specification Notes and Details

LA-WD-02(A)

December 2023 **BAR-017** 

# **ROCKHAMPTON REGIONAL COUNCIL**

APPROVED PLANS These plans are approved subject to the current

Development Permit No.: D/178-2023

Dated: 29 May 2024

MADDEN

Dec 2023

**Landscape Architects Pty Ltd** Sunshine Coast

M: 0407 632833

REV A Feb 29 2024 Change in carpark layout and Office size reduced

Plan issued for OP Works approval and construction

**Blenner Investments Pty Ltd** 

