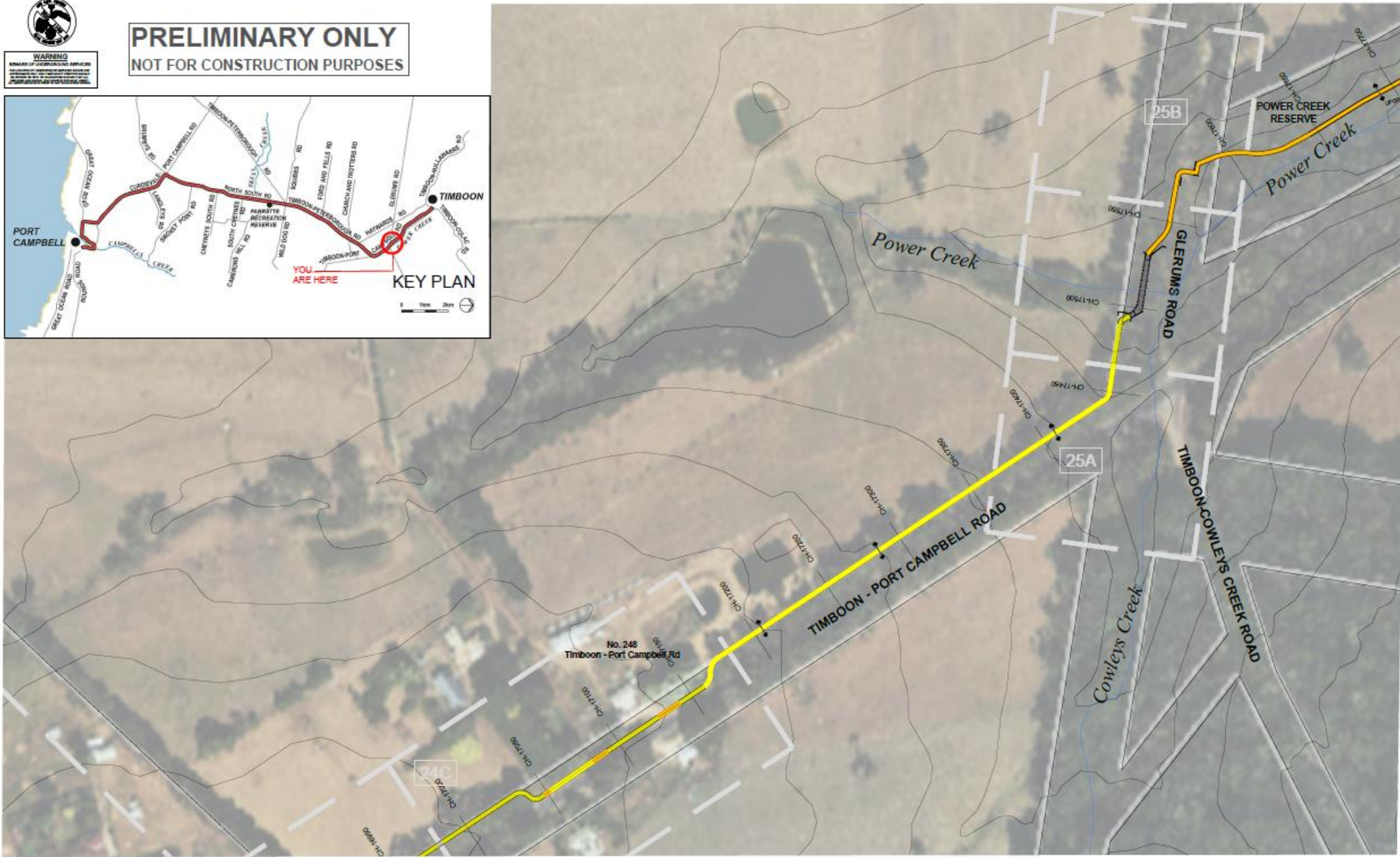




**PRELIMINARY ONLY**  
NOT FOR CONSTRUCTION PURPOSES

**WARNING**  
RENDERING OF UNDESIGNATED FEATURES  
RENDERING OF UNDESIGNATED FEATURES  
RENDERING OF UNDESIGNATED FEATURES



**DRAWING KEY**

**UNSEALD PATH TYPES (REFER DWG 12AT-P1 - P2)**

- TYPE 1A 2.0m WIDE UNSEALD PATH - NO BORDERS
- TYPE 1B 2.0m WIDE UNSEALD PATH - WITH OBSTRUCTION
- TYPE 1C 2.0m WIDE UNSEALD PATH - WITH OBSTRUCTION
- TYPE 1D 2.0m WIDE UNSEALD PATH - WITH OBSTRUCTION

**DRAINAGE (REFER DWG 12AT-D1)**

- 300 x 100 GRATED CATCH PIT (200 x 100)
- CONCRETE CLASSIC RAIN COP (200 x 100)
- CONCRETE HEADWALL (200 x 100)
- CONCRETE HEADWALL (200 x 100)
- TABLE DRAIN (MIN 1.0m WIDE MIN 150 DEPTH)

**ASPHALT PATH TYPES (REFER DWG 12AT-A1 - A3)**

- TYPE 2A 2.0m WIDE ASPHALT PATH - NO HANDRAIL
- TYPE 2B 2.0m WIDE ASPHALT PATH - TIMBER HANDRAIL TO ONE SIDE
- TYPE 2C 2.0m WIDE ASPHALT PATH - WITH RETAINING EDGE AND HANDRAIL TO ONE SIDE
- TYPE 2D 2.0m WIDE ASPHALT PATH - WITH GALV MB RETAINING WALL AND HANDRAIL

**FENCING TYPES (REFER DWG 12AT-F1)**

- TYPE A POST AND RAIL
- TYPE B POST AND RAIL (FRANGIBLE WITH REFLECTORS)
- TYPE C VEHICLE BARRIER, INCLUDING TERMINATOR
- TYPE D WHITE ROADSIDE ROLLBACK (FRANGIBLE WITH REFLECTORS)
- TYPE E HIGH VIS YELLOW ROLLBACK

**ELEVATED BOARDWALK TYPES (REFER DWG 12AT-B1 - B3)**

- TYPE 3A STEEL SLIPLOOR AND HANDRAIL, ONE SIDE (2.0m SPAN)
- TYPE 3B STEEL SLIPLOOR AND HANDRAIL, BOTH SIDES (UP TO 11.0m SPAN)
- TYPE 3C STEEL SLIPLOOR AND HANDRAIL, ONE SIDE (2.0m SPAN)
- TYPE 3D CANTILEVERED STEEL FLOOR WITH TIMBER LOOKOUT RAIL, ONE SIDE
- TYPE 3E TIMBER BOARDWALK WITH HANDRAIL TO ONE SIDE

**SIGNAGE**

- EXISTING SIGN
- DIRECTIONAL SIGN BOARD
- MAIN SIGN WITH MAP
- NEW REGULATORY SIGN

DATE	REVISION/AMENDMENT
21.05.20	B DRAFT SITE COMMENTS 18/05/20
11.05.20	A DRAFT FUNCTIONAL DESIGN



**CLIENT**  
CORANGAMITE SHIRE

**PROJECT TITLE**  
TWELVE APOSTLES TRAIL - TIMBOON TO PORT CAMPBELL DETAILED DESIGN

**DRAWING NAME**  
TIMBOON - PORT CAMPBELL ROAD / TIMBOON - COWLEYS CREEK ROAD INTERSECTION GENERAL ARRANGEMENTS  
CH-16350 to CH-17050

**SCALE BAR**  
0 10 20 30 50m

**SCALE** 1:2000 (BAS)

**DATE** 28/07/2020

**DRAWN** JN & MA

**DESIGN** TBLD

**CHECKED** MB

**DATUM** MGA-54

**DWG No** 12AT-25

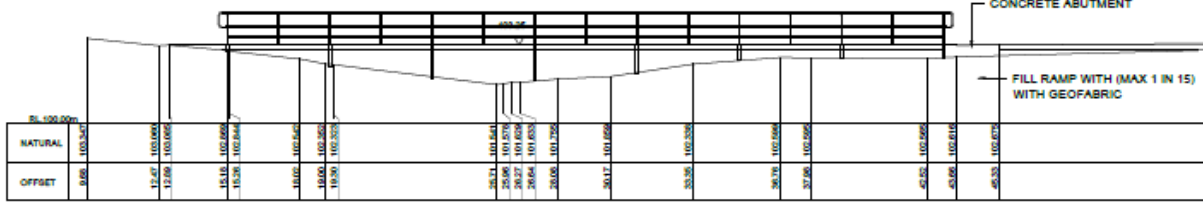
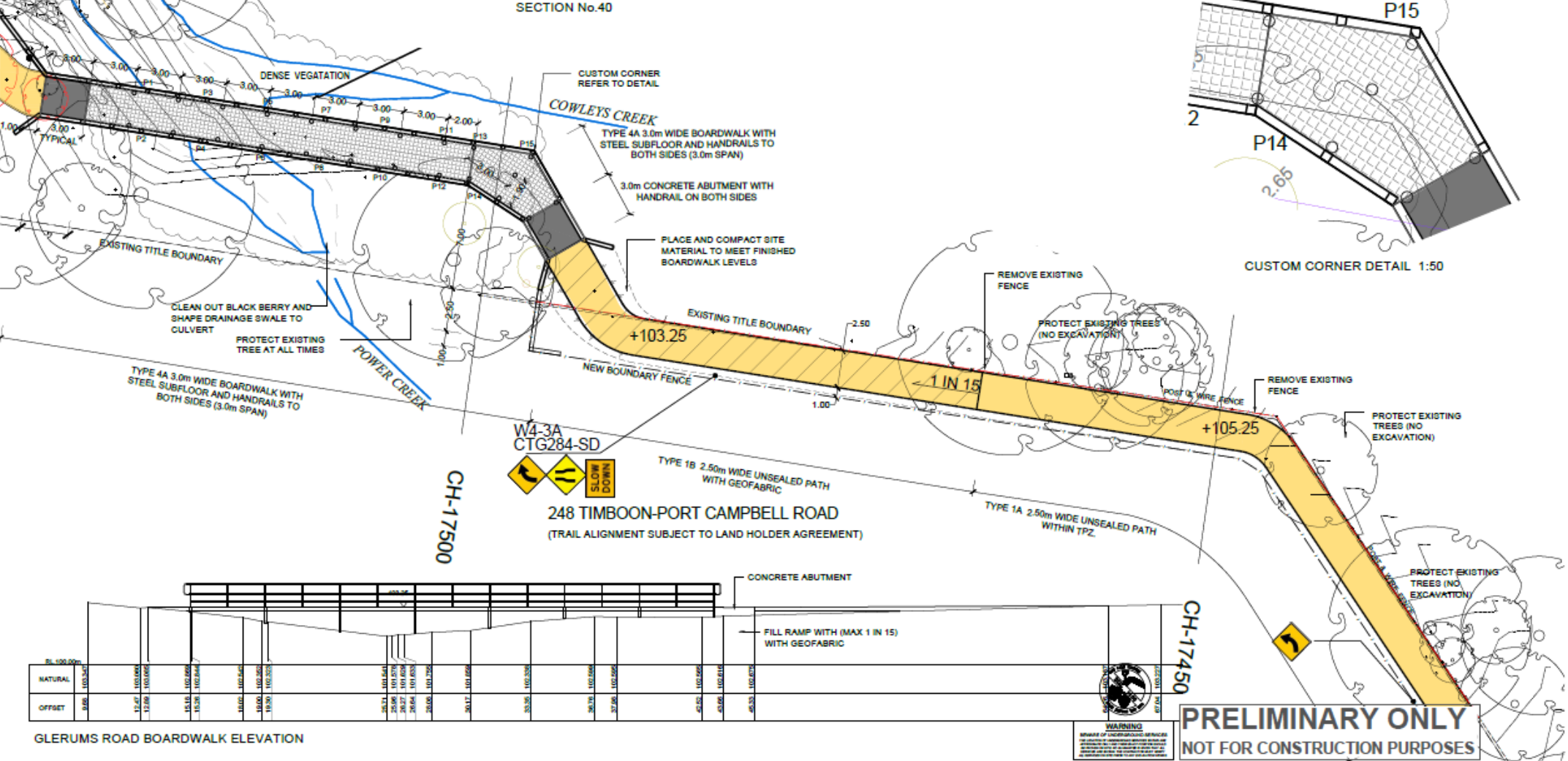
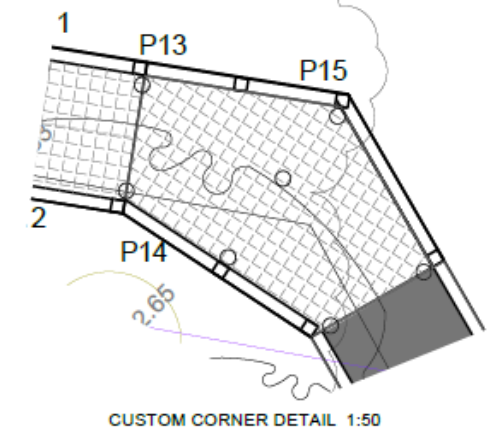
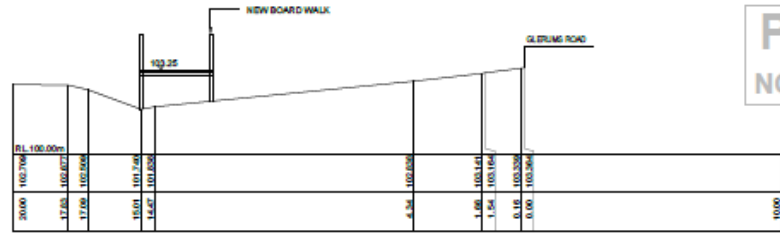
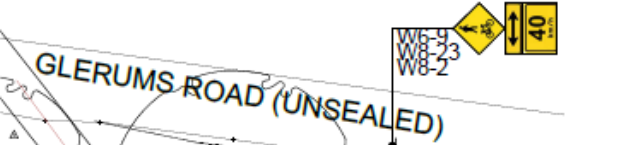
**ACAD REF:** 28/07/20





WARNING  
STATE OF QUEENSLAND SERVICES  
DEPARTMENT OF TRANSPORT AND INFRASTRUCTURE  
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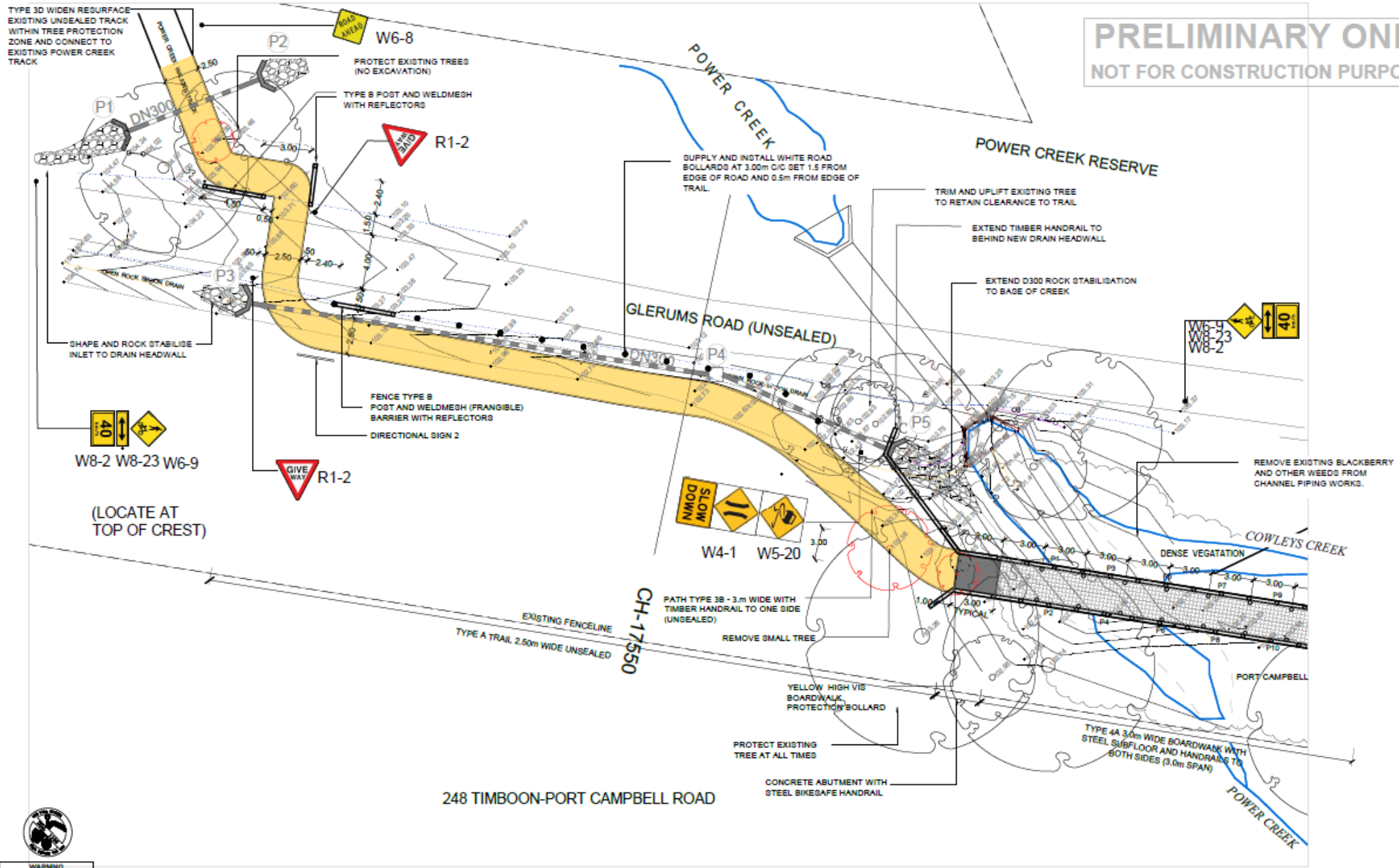
**PRELIMINARY ONLY**  
NOT FOR CONSTRUCTION PURPOSES

DATE	REV	AMENDMENT
21.05.20	B	DRAFT SITE COMMENTS 18/05/20
11.05.20	A	DRAFT FUNCTIONAL DESIGN

CLIENT	PROJECT TITLE	SCALE BAR
	TWELVE APOSTLES TRAIL - TIMBOON TO PORT CAMPBELL DETAILED DESIGN	SCALE 1:500 @ A3
	DRAWING NAME: GLERUMS ROAD BOARDWALK	DATE: MAY 2020
		DRAWN: KJ
		DESIGN: TLD
		CHECKED: MB
		DATUM: MGA-Sd
		DWG No. 12AT-25A
		SCALE REF: 008718

**PRELIMINARY ONLY**  
NOT FOR CONSTRUCTION PURPOSES



**DRAWING KEY**

	UNSEALED PATH TYPES (REFER DWG 12AT-P1 - P2)
	TYPE 1A 2.5m WIDE UNSEALED PATH - NO SIDING
	TYPE 1B 2.5m WIDE UNSEALED PATH - WITH CURB/PAVING
	TYPE 1C WIDER, TOP DRIVE EXISTING PATH DRIVEWAY TO 2.5m
	TYPE 1D WIDER, TOP DRIVE EXISTING PATH DRIVEWAY TO 2.5m
	DRAINAGE (REFER DWG 12AT-D1)
	300x600 GRATED CATCH PIT (300x...)
	CONCRETE HEADWALL (300x...)
	DRINKABLE CONCRETE HEADWALL (300x...)
	TIMBER DRAIN (300x...)
	ROCK STABILISATION (300x...)

**ASPHALT PATH TYPES (REFER DWG 12AT-A1 - A3)**

	TYPE 2A 2.5m WIDE ASPHALT PATH - NO HANDRAIL
	TYPE 2B 3.0m WIDE ASPHALT PATH - TIMBER HANDRAIL TO ONE SIDE
	TYPE 2C 3.0m WIDE ASPHALT PATH - WITH 150mm BEDE AND HAND RAIL TO ONE SIDE
	TYPE 2D 3.0m WIDE ASPHALT PATH - WITH 150mm BEDE AND HAND RAIL TO ONE SIDE
	TYPE 2E 3.0m WIDE ASPHALT PATH - WITH 150mm BEDE AND HAND RAIL TO ONE SIDE

**FENCING TYPES (REFER DWG 12AT-P1)**

	TYPE A POST AND WIRE
	TYPE B POST AND WIRE FRANGIBLE WITH REFLECTORS
	TYPE C VEHICLE BARRIER - INCLUDES TERMINATIONS
	TYPE D WHITE POLYCARBONATE BOLLARD FRANGIBLE WITH REFLECTORS
	TYPE E HIGH VIS YELLOW BOLLARD FRANGIBLE WITH REFLECTORS
	TYPE F HIGH VIS YELLOW BOLLARD FRANGIBLE WITH REFLECTORS

**ELEVATED BOARDWALK TYPES (REFER DWG 12AT-B1 - B3)**

	TYPE 3A STEEL SUBFLOOR AND HANDRAIL - ONE SIDE (3.0m SPAN)
	TYPE 3B STEEL SUBFLOOR AND HANDRAIL - BOTH SIDES (UP TO 11.0m SPAN)
	TYPE 3C STEEL SUBFLOOR AND HANDRAIL - ONE SIDE (3.0m SPAN)
	TYPE 3D CASTLEBRICK STEEL FLOOR WITH TIMBER LOCKOUT RAIL - ONE SIDE
	TYPE 3E TIMBER BOARDWALK WITH HANDRAIL TO ONE SIDE

**DRAINAGE**

	CASTING BED
	CONCRETE BEAM BOARD
	DIAGONAL BEAM WITH NAP
	REINFORCED CONCRETE BEAM

DATE	REV	AMENDMENT
21.05.20	B	DRAFT SITE COMMENTS 19/05/20
11.05.20	A	DRAFT FUNCTIONAL DESIGN



**CLIENT**  
CORANGAMITE SHIRE

**PROJECT TITLE**  
TWELVE APOSTLES TRAIL - TIMBOON TO PORT CAMPBELL DETAILED DESIGN

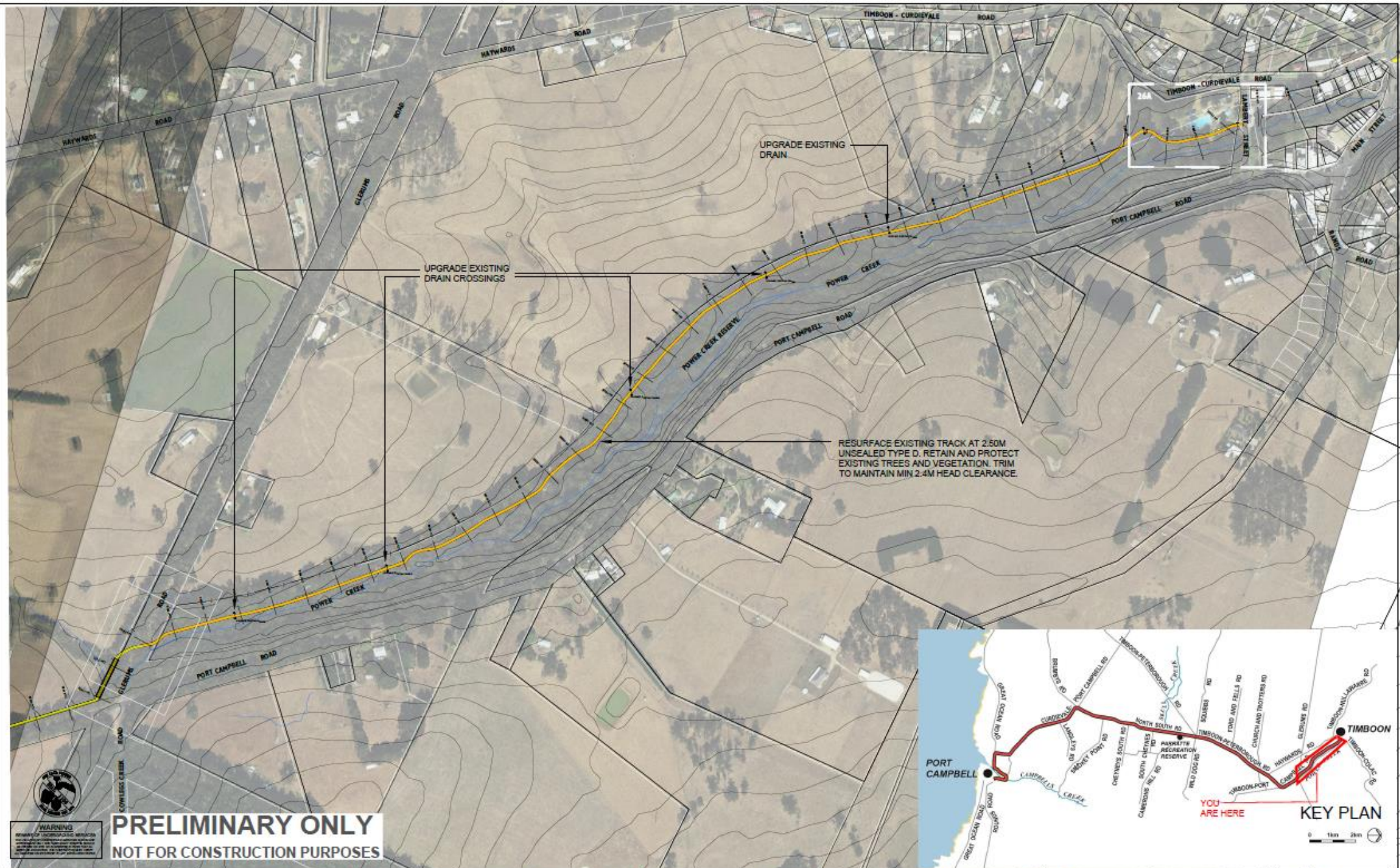
**DRAWING NAME**  
GLERUMS ROAD CROSSING

**THOMPSON BERRILL LANDSCAPE DESIGN P/L in association with O'BRIEN TRAFFIC P/L and STRUCTPLAN P/L**

**SCALE BAR**

SCALE	1:250 @ A3
DATE	MAY 2020
DRAWN	RM
DESIGN	TLD
CHECKED	MB
DATUM	MSA-54
DWG No.	12AT-25B
SCALE REF.	SBRT 02





**PRELIMINARY ONLY**  
NOT FOR CONSTRUCTION PURPOSES

DATE	REV	AMENDMENT
21.05.20	B	DRAFT SITE COMMENTS 18/05/20
11.05.20	A	DRAFT FUNCTIONAL DESIGN

UNSEALED PATH TYPES (REFER DWG 12AT-P1 - P2)	ASPHALT PATH TYPES (REFER DWG 12AT-A1 - A3)	ELEVATED BOARDWALK TYPES (REFER DWG 12AT-B1 - B3)	SIGNAGE
TYPE 1A: 2.5m WIDE UNSEALED PATH, NO BODINGS	TYPE 2A: 3.5m WIDE ASPHALT PATH, NO HANDRAIL	TYPE 4A: STEEL SUBFLOOR AND HANDRAIL - ONE SIDE (3.0m SPAN)	EXISTING SIGN
TYPE 1B: 2.5m WIDE UNSEALED PATH, WITH ORGANIC	TYPE 2B: 3.5m WIDE ASPHALT PATH, TIMBER HANDRAIL TO ONE SIDE	TYPE 4B: STEEL SUBFLOOR AND HANDRAIL - WITH BODING (UP TO 11.0m SPAN)	DIRECTIONAL SIGN BOARD
TYPE 1C: 2.5m WIDE UNSEALED PATH, WITH ORGANIC	TYPE 2C: 3.5m WIDE ASPHALT PATH, WITH RETAINING BODING AND HAND RAIL TO ONE SIDE	TYPE 4C: STEEL SUBFLOOR AND HANDRAIL - ONE SIDE (3.0m SPAN)	MAN SIGN WITH AMP
TYPE 1D: 2.5m WIDE UNSEALED PATH, WITH ORGANIC	TYPE 2D: 3.5m WIDE ASPHALT PATH, WITH GALV. SHEET PILING WALL, NO HANDRAIL	TYPE 4D: CAST/POURED STEEL FLOOR WITH TIMBER LOGCUT RAIL - ONE SIDE	NEW REGULATORY SIGN
TYPE 1E: 2.5m WIDE UNSEALED PATH, WITH ORGANIC	TYPE 2E: 3.5m WIDE ASPHALT PATH, WITH GALV. SHEET PILING WALL, NO HANDRAIL	TYPE 4E: TIMBER BOARDWALK WITH HANDRAIL TO ONE SIDE	
TYPE 1F: 2.5m WIDE UNSEALED PATH, WITH ORGANIC	TYPE 2F: 3.5m WIDE ASPHALT PATH, WITH GALV. SHEET PILING WALL, NO HANDRAIL		

DRAINAGE (REFER DWG 12AT-D1)	FENCING TYPES (REFER DWG 12AT-F1)
BOX & REINFORCED CATCH PIT (CON...)	TYPE A: POST AND RAIL
DNED CLASS 3 REINFORCED CONCRETE (CON...)	TYPE B: POST AND RAIL, FRANGIBLE WITH REFLECTORS
CONCRETE HEADWALL (CON...)	TYPE C: WHEEL BARRIER - INCLUDING TERMINATIONS
DRAINABLE CONCRETE HEADWALL (CON...)	TYPE D: WHITE ROADSIDE BOLLARD (FRANGIBLE WITH REFLECTORS)
TWO-SIDE DRAIN (CON...)	TYPE E: HIGH VIB YELLOW BOLLARD



**CLIENT**  
CORANGAMITE SHIRE

**PROJECT TITLE**  
TWELVE APOSTLES TRAIL - TIMBOON TO PORT CAMPBELL DETAILED DESIGN

**DRAWING NAME**  
POWER CREEK RESERVE  
GLERUMS ROAD TO LAMBERT STREET

**SCALE BAR**  
0 25 50 75 125m

**SCALE**  
1:5000 @ A3

**DATE**  
MAY 2020

**DRAWN**  
KJ

**DESIGN**  
TBL

**CHECKED**  
ME

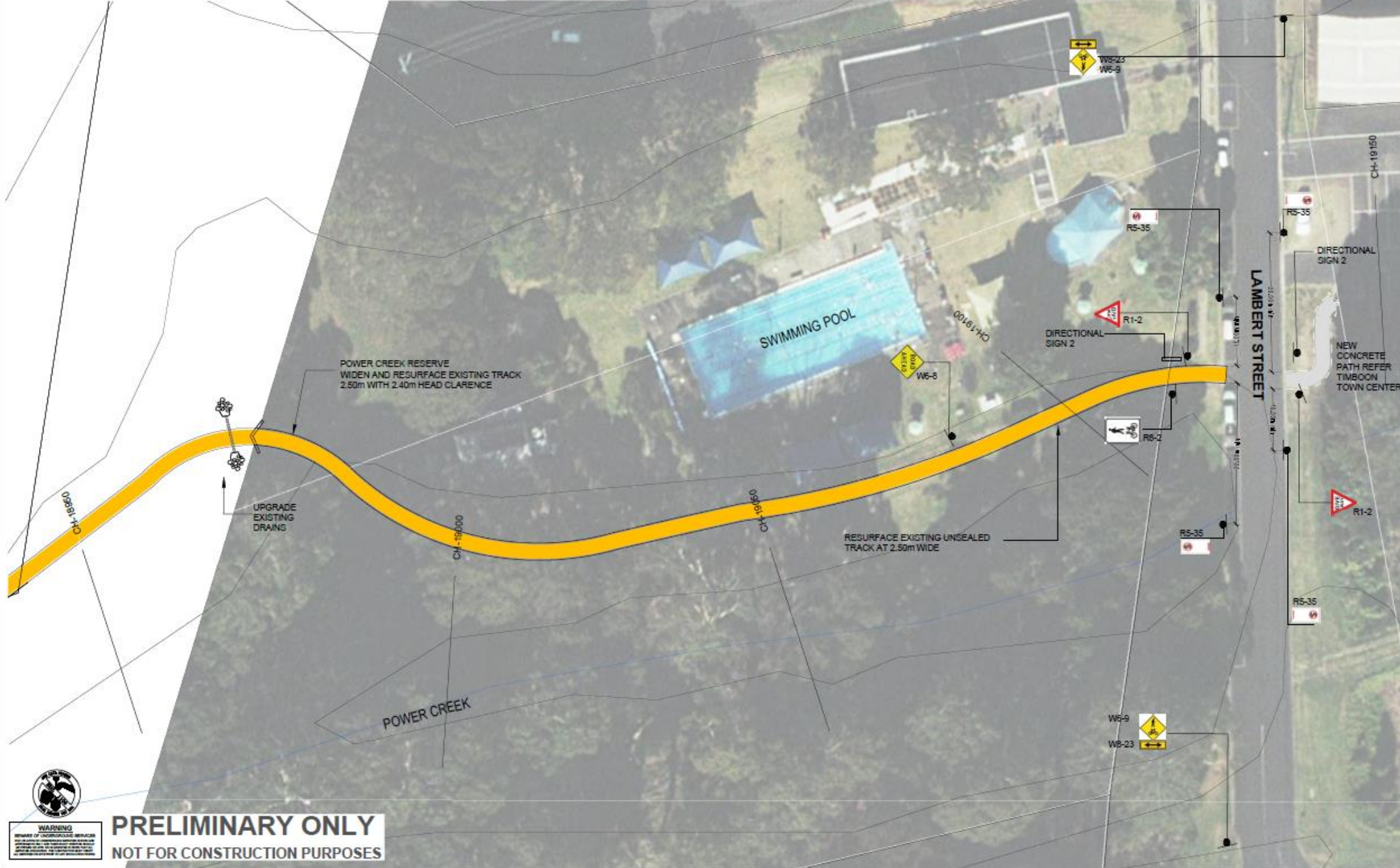
**CAD/LIM**  
MGA-G4

**DWG NO.**  
12AT-26

**ROAD REF.**  
SHR103

**THOMPSON BERRILL LANDSCAPE DESIGN P/L** in association with O'BRIEN TRAFFIC P/L AND STRUCTPLAN P/L





**PRELIMINARY ONLY**  
NOT FOR CONSTRUCTION PURPOSES

**DRAWING KEY**

**UNSEALED PATH TYPES (REFER DWG 12AT-P1 - P2)**

- TYPE 1A: 2.5m WIDE UNSEALED PATH - NO BEDDING
- TYPE 1B: 2.5m WIDE UNSEALED PATH - WITH SUBFABRIC
- TYPE 1C: 3.0m WIDE UNSEALED PATH - WITH RETAINING ROOF AND HAND RAIL TO ONE SIDE
- TYPE 1D: 3.0m WIDE UNSEALED PATH - WITH GULLY AND HAND RAIL TO ONE SIDE

**DRAINAGE (REFER DWG 12AT-D1)**

- 300 x 300mm REINFORCED CONCRETE (RC) DRAIN
- 300 x 300mm REINFORCED CONCRETE (RC) DRAIN WITH GULLY
- CONCRETE HEADWALL (CON...)
- CONCRETE HEADWALL WITH GULLY (CON...)
- TABLE DRAIN (MIN 1.5m WIDE MIN 100 DRAIN)

**ASPHALT PATH TYPES (REFER DWG 12AT-A1 - A3)**

- TYPE 2A: 2.5m WIDE ASPHALT PATH - NO HANDRAIL
- TYPE 2B: 3.0m WIDE ASPHALT PATH - TIMBER HANDRAIL TO ONE SIDE
- TYPE 2C: 3.0m WIDE ASPHALT PATH - WITH RETAINING ROOF AND HAND RAIL TO ONE SIDE
- TYPE 2D: 3.0m WIDE ASPHALT PATH - WITH GULLY AND HAND RAIL TO ONE SIDE

**FENCING TYPES (REFER DWG 12AT-F1)**

- TYPE A: POST AND RAIL
- TYPE B: POST AND RAIL (FRANGIBLE WITH REFLECTORS)
- TYPE C: VEHICLE BARRIER - INCLUDING TERMINATIONS
- TYPE D: WHITE ROADSIDE BOLLARD (FRANGIBLE WITH REFLECTORS)
- TYPE E: HIGH VIB YELLOW BOLLARD

**ELEVATED BOARDWALK TYPES (REFER DWG 12AT-B1 - B3)**

- TYPE A: STEEL SUBFLOOR AND HANDRAIL - ONE SIDE (3.0m SPAN)
- TYPE B: STEEL SUBFLOOR AND HANDRAIL - BOTH SIDES (3.0m SPAN)
- TYPE C: STEEL SUBFLOOR AND HANDRAIL - ONE SIDE (3.0m SPAN)
- TYPE D: CANTILEVERED STEEL FLOOR WITH TIMBER LOCKOUT RAIL - ONE SIDE
- TYPE E: TIMBER BOARDWALK WITH HANDRAIL TO ONE SIDE

**SIGNAGE**

- EXISTING SIGN
- DIRECTIONAL SIGN BOARD
- MAIN SIGN WITH MAP
- NEW REGULATORY SIGN

DATE	REV	AMENDMENT
21.05.20	B	DRAFT SITE COMMENTS 18/05/20
11.05.20	A	DRAFT FUNCTIONAL DESIGN



**CLIENT**  
CORANGAMITE SHIRE

**PROJECT TITLE**  
TWELVE APOSTLES TRAIL - TIMBOON TO PORT CAMPBELL DETAILED DESIGN

**DRAWING NAME**  
DETAIL PLAN  
LAMBERT STREET  
CROSSING TIMBOON

**SCALE BAR**  
0 2.5 5 7.5 12.5m  
SCALE: 1:500 @ A3

**DRAWN** KN  
**DATE** MAY 2020  
**DESIGN** TBLD  
**CHECKED** MB  
**DATUM** MGA54  
**DWG No.** 12AT-26A  
**ACAD REF.** 0488710

**THOMPSON BERRILL LANDSCAPE DESIGN P/L** in association with O'BRIEN TRAFFIC P/L AND STRUCTPLAN P/L