GB4230B

EXISTING

E123.45

T124.80

PROPOSED

F124.68

T124.80

1 in 150

 $\circ \Sigma$

CH20.06

LEGEND

DESCRIPTION

WATER RECYCLED

OPTIC FIBRE

GAS MAIN

UNDERGROUND ELECTRICITY

TELSTRA & SERVICE PIT

BRANCH SEWER & MANHOLE

COUNCIL STORMWATER PITS

MWC STORMWATER DRAIN & PIT

STORMWATER DRAINAGE PIT NUMBER

AG DRAIN AND FLUSHER

MWC STORMWATER PITS

GAS & WATER CONDUITS

PAVEMENT SAWCUT LINE

SURFACE CONTOUR MINOR

SURFACE CONTOUR MAJOR

BATTER LEVEL (TOP / TOE)

LIGHT & POLE (BY OTHERS)

PERMANENT SURVEY MARK

TEMPORARY BENCH MARK

SURFACE LEVEL

SIGN AND POST

BOLLARD

ROAD CHAINAGES

LOT CHAINAGE

SETOUT POINT

LIMIT OF WORKS

FILL EXTENTS

ROCK BEACHING

EXCAVATION GREATER THAN 0.20m

FILLING GREATER THAN 0.20m

PARKING BAY/PAVED AREA

RETAINING WALL - TIMBER

FENCE - TREE PROTECTION

FENCE - VEHICLE EXCLUSION

FENCES

GUARD RAIL

TREE TO BE REMOVED

VEGETATION LINE

RETAINING WALL - CONCRETE

RETAINING WALL - ROCK/STONE

GRASSED MAINTENANCE ACCESS TRACK

GRAVEL MAINTENANCE ACCESS TRACK

TREE (& SURVEYED CANOPY) TO BE RETAINED

BATTER

EARTHWORKS GRADE

CONCRETE VEHICLE CROSSING

RIDGE / CHANGE OF GRADE LINE

COUNCIL STORMWATER DRAIN & PIT

STORMWATER DRAINAGE PROPERTY INLETS

OVERHEAD TELSTRA

SEWER & MANHOLE

SEWER RISING MAIN

CENTRAL INVERT

HOUSE DRAIN

OVERHEAD ELECTRICITY & POLE

WATER MAIN, VALVE AND HYDRAN

GENERAL NOTES

A. GENERAL

1. ALL WORK TO BE CARRIED OUT TO CITY OF GREATER BENDIGO SPECIFICATIONS, STANDARD DRAWINGS AND TO THE SATISFACTION OF COUNCILS SENIOR SURVEILLANCE OFFICER OR HIS REPRESENTATIVE.

2. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA).

3. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.

4. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND ONLY RE-TOPSOILED ON THE DIRECTION OF THE ENGINEER, TO THE FINAL FILL LEVELS SHOWN ON THE DRAWINGS. ALL FILLING IS TO BE:

- APPROVED BY THE PROJECT GEOTECHNICAL CONSULTANT.
- PLACED IN LAYERS NOT EXCEEDING 200MM LOOSE THICKNESS. MOISTURE CONDITIONED TO WITHIN 85% TO 115% OF OPTIMUM MOISTURE CONTENT
- COMPACTED TO A MINIMUM 95% (STANDARD) DRY DENSITY RATIO. – PLACED UNDER "LEVEL 1" SUPERVISION IN ACCORDANCE WITH AS 3798–1996

5. EXISTING DEPRESSIONS & DRAINS TRAVERSING THE SITE ARE TO BE CLEANED OUT AND DESLUDGED TO FIRM BASE AND FILLED TO FINISHED SURFACE LEVELS TO THE SPECIFIED COMPACTION STANDARDS.

6. TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBM'S THEREAFTER.

7. POSITION CONDUITS SO THAT A MINIMUM DISTANCE BETWEEN TAPPING IS 1.0M. CONDUITS TO BE LOCATED MIDWAY BETWEEN FENCE LINE OF LOT, UNLESS OTHERWISE SHOWN.

8. BEFORE COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 1.5 M DEEP, THE REQUIRED NOTICE IS TO BE SENT TO THE VICTORIAN WORKCOVER AUTHORITY IN ACCORDANCE WITH THE MINES ACT, 1958 NO 6320 SECTION 385 AND THE OCCUPATIONAL HEALTH AND SAFETY ACT 1985. THIS NOTIFICATION MUST BE RECEIVED BY THE AUTHORITY AT LEAST 3 DAYS PRIOR TO COMMENCING EXCAVATIONS, AND A COPY OF THE NOTIFICATION MUST BE PROVIDED TO THE SUPERINTENDENT.

9. COUNCIL'S REPRESENTATIVE IS TO BE NOTIFIED IN WRITING SEVEN (7) DAYS PRIOR TO THE COMMENCEMENT OF WORKS.

10. NO EXCAVATION WITHIN 5M OF ANY EXISTING TREE WITHOUT APPROVAL OF THE ENGINEER

11. NO BLASTING IS PERMITTED WITHIN THE CITY OF GREATER BENDIGO WITHOUT OBTAINING COUNCIL'S SPECIAL DISPENSATION.

12. EXCAVATED MATERIAL SURPLUS TO FILLING REQUIREMENTS OF THE WORKS SHALL BE REMOVED FROM SITE AS SPECIFIED.

13. ALL SURPLUS ROCK, CONCRETE AND BITUMINOUS RUBBLE SHALL BE DISPOSED OFF SITE AS SPECIFIED. THE CONTRACTOR SHALL CHECK WITH SUPERINTENDENT WHETHER ANY LARGE ROCKS ARE REQUIRED FOR LANDSCAPE PURPOSES PRIOR TO DISPOSAL.

14. NATURESTRIPS AND ALL AREAS OF CUT OUTSIDE ROAD RESERVE TO BE SURFACED WITH 100MM MINIMUM COMPACTED LAYER OF

B. ROAD WORKS

1. FOOTPATHS ARE TO BE 1.5M WIDE UNLESS SHOWN OTHERWISE. FOOTPATHS TO BE CONSTRUCTED TO THE CITY OF GREATER

2. CONSTRUCT LAYBACK SECTION AT VEHICLE CROSSING, REVERSING BAYS AND CAR PARKING BAYS AND PRAM CROSSING TO THE CITY OF GREATER BENDIGO STANDARDS.

3. ALL CHAINAGES REFER TO ROAD PAVEMENT CENTRELINES EXCEPT IN COURT HEADS AND INTERSECTIONS WHERE CHAINAGES REFER TO BACK OF KERB.

4. THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE

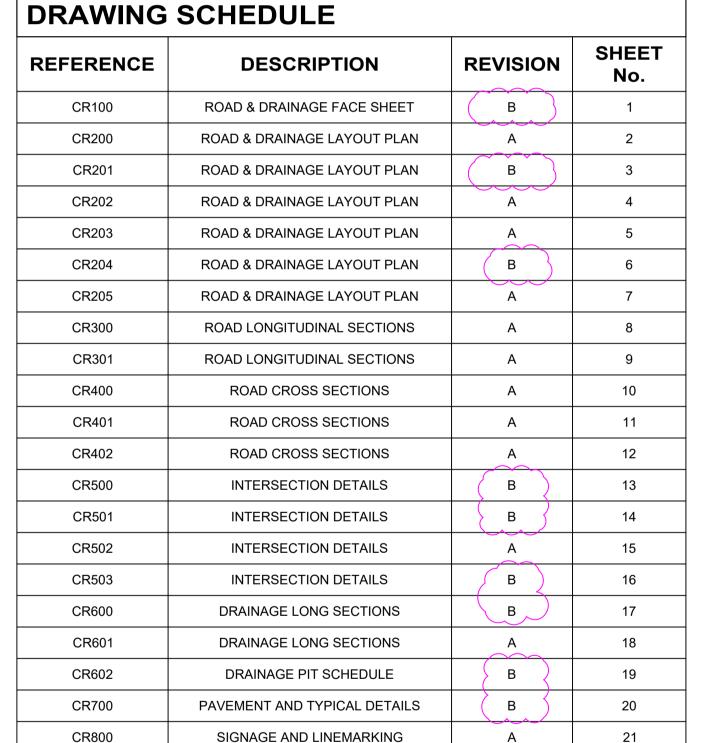
CAUSED TO ALLOTMENTS MUST BE MADE GOOD.

- 5. ALL BATTERS SHALL BE TO THE CITY OF GREATER BENDIGO STANDARDS.
- CUT 1 IN 12 UNLESS OTHERWISE SHOWN. - FILL 1 IN 12 UNLESS OTHERWISE SHOWN.
- 6. ALL SET OUT INFORMATION GIVEN IS TO LIP OF KERB UNLESS OTHERWISE SHOWN.
- 7. WHERE CRUSHED ROCK IS SHOWN UNDER CONCRETE FOOTPATHS CONSTRUCTED ON FILL. THE CRUSHED ROCK IS TO BE 20MM CLASS 3. WHERE CUT BATTERS ARE STEEPER THAN 1:6 THEY MUST BE HYDRO MULCHED.

8. SUBGRADE BE COMPACTED TO A MINIMUM OF 98% STANDARD MAXIMUM DRY DENSITY (AS3798), WITH THE SUBBASE COMPACTED IN ACCORDANCE WITH SCALE C INVICROADS TABLE 304.071 USING FINE CRUSHED ROCK AND THE BASE COURSE TO AN AVERAGE OF 100% MINIMUM MODIFIED DRY DENSITY. ANY FILLING BENEATH ROAD PAVEMENT AREAS TO BE COMPACTED TO 100% OF MAXIMUM DRY DENSITY.COMPACTION TESTING TO BE AS PER COUNCIL REQUIREMENTS.

9. ANY BACKFILL WITHIN 1.0M OF A COUNCIL ASSET (FOOTPATH OR ROAD) IS TO BE FCR. FILL MATERIAL IS ACCEPTABLE IF COMPACTED TO ENSURE 95% COMPACTION. COMPACTION TESTING TO BE PERFORMED AT ONE PER 60M OF TRENCH.

10. CONCRETE TO HAVE 28DAY STRENGTH OF 25MPA UNLESS NOTED OTHERWISE

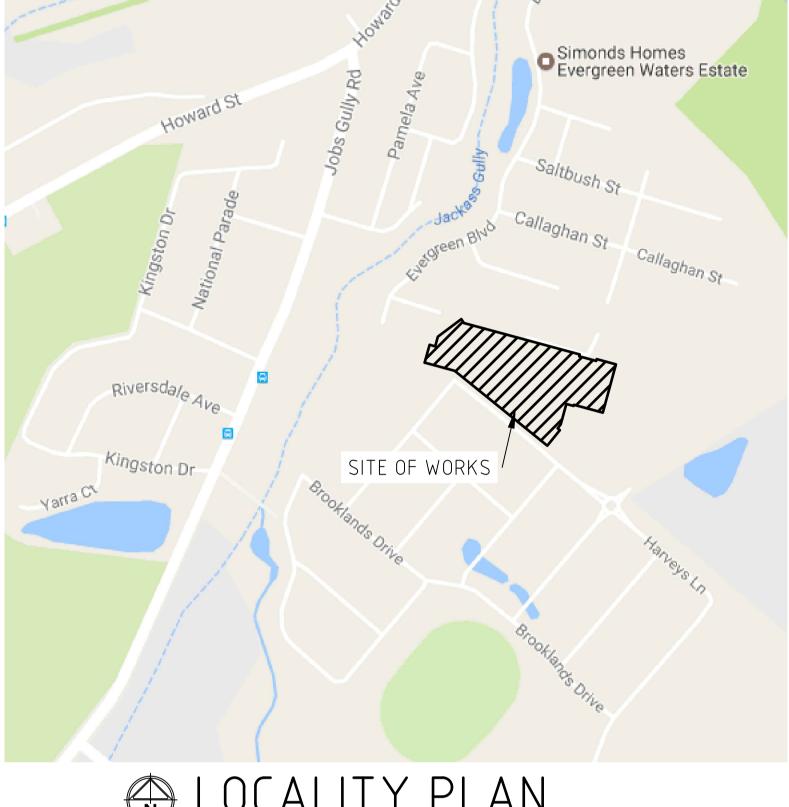


GREATER BENDIGO CITY COUNCIL

ENGINEERING PLANS

APPROVED BY: Peter Brasier

DATE: 29 June 2020



NOT TO SCALE **VICROADS:** 607 S3 APPROVED DRAINAGE PLAN PLANNING AND ENVIRONMENT ACT 1987 **GREATER BENDIGO PLANNING SCHEME** NO: DS/226/2010 Stage 3 Delegated Officer: Liz Commadeur For and on behalf of the City of Greater Bendigo Date: 9 July 2020 All of this Document

SERVICE LOCATION TABLE

ROAD NAME	POTABLE WATER		GAS		NBN (TELECOM)		ELECTRICITY				RECYCLED WATER	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	E OFFSET	POLE		U/G (U/G CABLE		OFFSET
	SIDE						SIDE	OFFSET	SIDE	OFFSET	SIDE	UFFSET
EUCALYPTUS STREET (LOTS 73 - 81)	N	2.70	N	1.80	S	1.90	S	0.8x	S	2.60	N	2.20
EUCALYPTUS STREET (LOTS 57 -61)	S	2.70	S	1.80	N	1.90	N	0.8x	N	2.40	S	2.20
OAKWOOD AVENUE (LOTS 69 - 70)	E	2.70	Е	1.80	W	13.9	W	0.8x	W	14.4	Е	2.20
OAKWOOD AVENUE (LOTS 71 - 72)	W	5.50	W	4.60	W	13.9	W	0.8x	W	14.4	W	5.00
REEF LANE	S	2.70	S	1.80	N	1.90	N	0.8x	N	2.40	S	2.20

- 1. TELECOMMUNICATIONS AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's.
- GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
- 3. \times = OFFSET FROM BACK OF KERB

WARNING
UNDERGROUND/OVE
TION OF SERVICES ARE API

BEWARE OF **ERHEAD SERVICES** PROXIMATE ONLY THE LOCAT AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

ACA					
\Civil\					
310\C					
0731					
0\3					
G:\3					
tion	В	AMENDED SHEETS CR204, CR500-501, CR503, CR602, CR700	B. I.	JUN 2020	
location	Α	PRELIMINARY ISSUE	B. I.	JUN 2020	
file	Rev	Amendments	Approved	Date	



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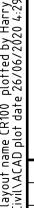
	_				
16 Bridge Street Bendigo Victoria 3550 Australia T 61 3 5448 2500					
	spiire.com.au	ABN 55 050 029 635			

Designed	Checked
H. OAKLEY-WARREN	B. IBBS
Authorised	Date
B. IBBS	JUN 2020

GOLDEN GROVE STAGE 3 EUCALYPTUS ST, JACKASS FLAT

ROAD & DRAINAGE FACE SHEET FACE SHEET CITY OF GREATER BENDIGO DS/226/2010 AND AM/904/2011A

WARRINGAL VIEWS P/L



PRELIMINARY 307310CR100

