LEGEND

GENERAL

- KERB — 'TYPE'
- STORMWATER DRAIN PIPE & PIT — 300ø
- PIT NUMBER — 01
- TABLE DRAIN
- SIGN POSITION AND ORIENTATION
- STREET SIGN
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK — TBM
- SAFETY BARRIER

SERVICES

- AG DRAIN — AG
- WATER MAIN (POTABLE) — W
- WATER RECYCLED (NON DRINKING) — NDW
- GAS MAIN — G
- ELECTRICAL CABLES — E
- TELSTRA CABLES — T
- SEWER MAIN — S

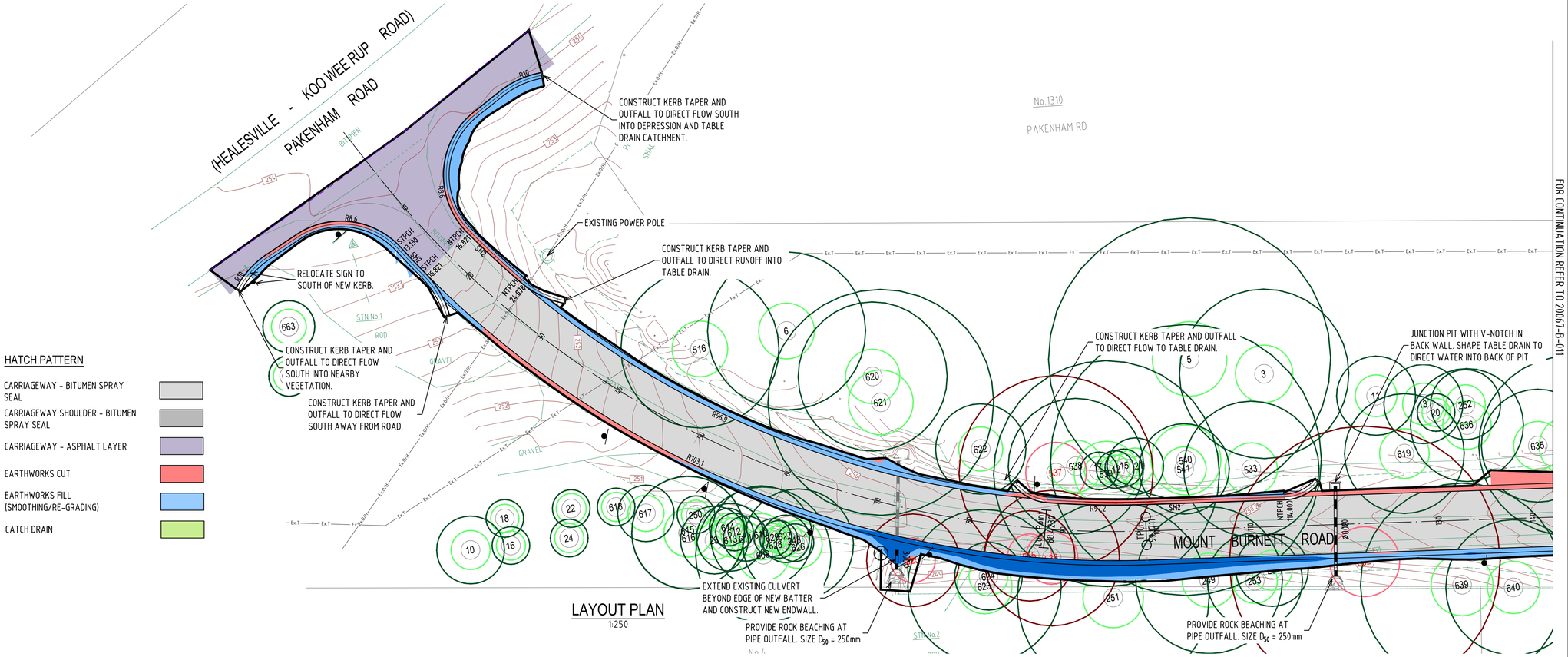
- NOTE EXISTING SERVICES ARE SHOWN GREY AND PREFIXED WITH "Ex"

MISCELLANEOUS

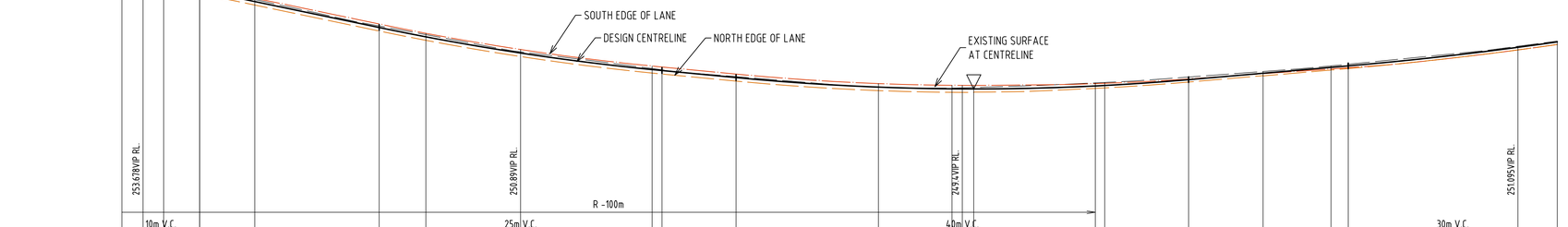
TREE TO BE REMOVED
(REFER TREE PLANS AND TREE TABLES FOR IDs AND DETAILS)

HATCH PATTERN

- CARRIAGEWAY - BITUMEN SPRAY SEAL
- CARRIAGEWAY SHOULDER - BITUMEN SPRAY SEAL
- CARRIAGEWAY - ASPHALT LAYER
- EARTHWORKS CUT
- EARTHWORKS FILL (SMOOTHING/RE-GRADING)
- CATCH DRAIN



LAYOUT PLAN
1:250



| | | |

FOR CONTINUATION REFER TO 20067-B-010

FOR CONTINUATION REFER TO 20067-B-012

JUNCTION PIT WITH V-NOTCH IN BACK WALL. SHAPE TABLE DRAIN TO DIRECT WATER INTO BACK OF PIT

FCR RESIDENTIAL

3.75

0.5m WIDE SHOULDER

CONSTRUCT SMALL CHANNEL (APPROX. 75mm DEPTH) BEHIND SHOULDER TO CAPTURE LOW FLOWS OFF ROAD.

4.70

EXISTING POWER POLE

FCR RESIDENTIAL

LIGHTLY RESHEET EXISTING GRAVEL AREA. GRADE EVENLY FROM BACK OF SMALL CHANNEL TO EXISTING EDGE OF GRAVEL AREA. RESHAPE AREAS AROUND PROPERTY ENTRANCES IF NECESSARY TO PREVENT WATER ENTERING.

LOCATE EXISTING DRAINAGE PIPE AND MAINTAIN DURING CONSTRUCTION.

CONSTRUCT KERB TAPER AND OUTFALL TO DIRECT FLOW TO TABLE DRAIN.

INSTALL INGAL EZY-GUARD SMART SAFETY BARRIER BETWEEN CH228 AND CH326. REFER DETAILS DRAWING 20067-B-250.

CONSTRUCT 0.8m BERM AT BACK OF SHOULDER TO ALLOW FOR CONSTRUCTION OF SAFETY BARRIER.

MOUNT BURNETT ROAD

GRAVEL

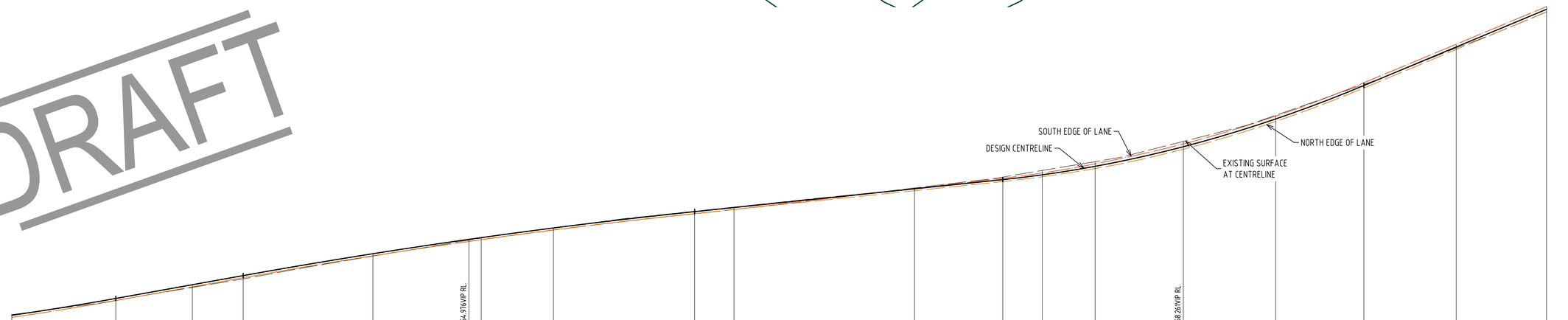
SHED

No.16

R262.2

R768.1

DRAFT



HORIZONTAL GEOMETRY
VERTICAL GEOMTERY
DESIGN GRADELINE

Datum RL 248.000

DESIGN LINE LEVEL	251.426	252.171	252.779	253.183	254.151	254.787	254.864	255.291	256.014	256.195	257.025	257.431	257.642	258.019	258.888	260.116	261.597	263.303	264.971
DESIGN NORTH LIP OF KERB LEVEL	251.333	252.078	252.686	253.090	254.058	254.694	254.780	255.207	255.930	256.111	256.941	257.347	257.558	257.920	258.776	260.004	261.485	263.191	264.859
DESIGN SOUTH LIP OF KERB LEVEL	251.333	252.078	252.686	253.090	254.058	254.694	254.771	255.198	255.921	256.107	257.036	257.490	257.723	258.129	259.012	260.240	261.721	263.427	265.095
EXISTING SURFACE LEVEL AT DESIGN LINE	251.454	252.088	252.658	253.037	254.045	254.751	254.843	255.288	256.032	256.216	257.063	257.541	257.838	258.226	259.121	260.279	261.646	263.253	264.85
CHAINAGE	140.000	151.524	160.000	165.638	180.000	190.638	192.000	200.000	215.638	220.000	240.000	249.776	254.147	260.000	269.776	280.000	289.776	300.000	310.000
SUPERELEVATION	BOTH -3%										LHS -3%						LHS -4%		RHS 4%

140.000 218.947 237.804 256.661 262.947 310.000

LONGITUDINAL SECTION
H 1:250 V 1:100

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
5	MINOR AMENDMENTS TO INCLUDE SAFETY BARRIER	JW	CS	TL	29.01.2021
4	DETAILED DESIGN SUBMISSION	JW	CS	MD / TL	02.12.2020
3	COUNCIL COMMENTS	JW	CS	TL	03.11.2020
2	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	07.10.2020
1	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	16.09.2020
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	-	-	-	-

H 0 5 10
V 0 1 2 3 4 5m
SCALE H 1:500 V 1:200 @ A3
H 1:250 V 1:100 @ A1

Cardinia

PGA REF: E20067-B
DESIGN BY: T LOGAN
SURVEY BY: PGA
APPROVED FOR CONSTRUCTION BY:
APPROVED DATE:

PGA
Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors
ABN 53 123 888 326
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400 Facsimile: (03) 9859 5022
Email: paro@pga.net.au Web: www.pga.net.au
ISO 9001 Quality Management FS521077

DESIGN PROJECT - PACKAGE 1

MOUNT BURNETT ROAD
CARDINIA SHIRE COUNCIL

LAYOUT PLAN & LONGITUDINAL SECTION - SHEET 2 OF 11

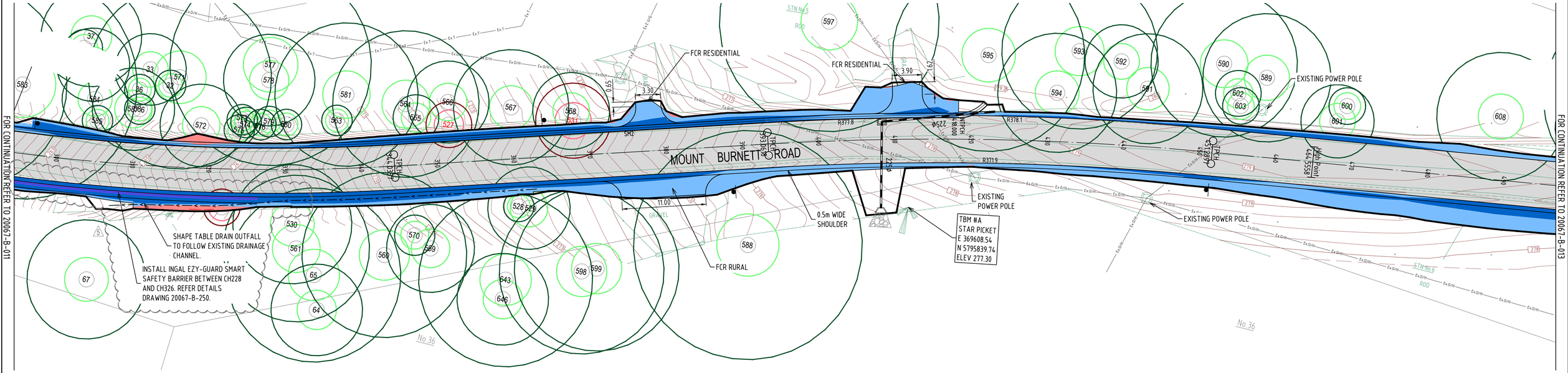
CARDINIA SHIRE COUNCIL

SCALE @ A1: AS SHOWN
DRAWING No: 20067-B-011
REV: 5

FILE: E:\CARDINIA SHIRE\E20067 - RD PACK 1 - MORRISON RD AND MT BURNETT RD\1.B-MOUNT BURNETT\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT DWG\20067-B-011.DWG PLOT INFO: THOMAS LOGAN @ 12:16 PM ON December 15, 2021

FOR CONTINUATION REFER TO 20067-B-011

FOR CONTINUATION REFER TO 20067-B-013



DESIGN CENTRELINE

EXISTING SURFACE AT CENTRELINE

SOUTH EDGE OF LANE

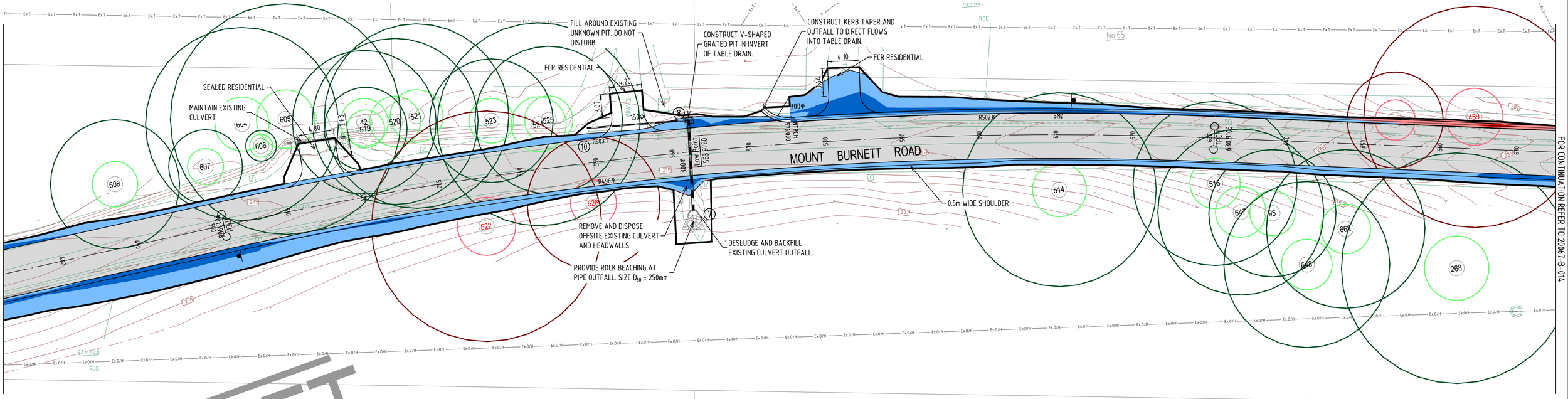
NORTH EDGE OF LANE

281.466 IUP RL

| | | |

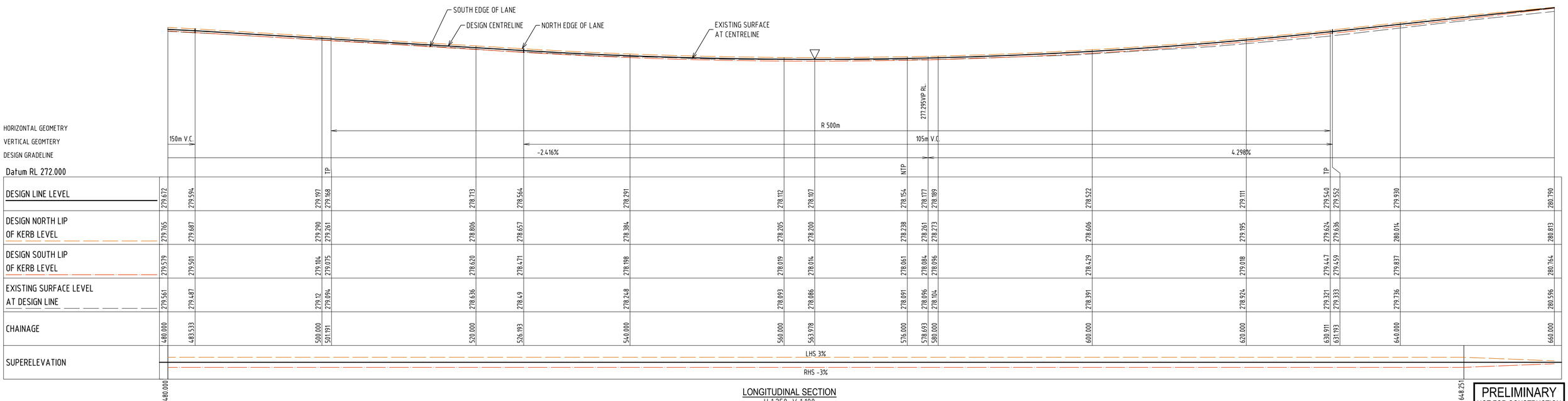
FOR CONTINUATION REFER TO 20067-B-012

FOR CONTINUATION REFER TO 20067-B-014



LAYOUT PLAN
1:250

DRAFT



480.000	483.533	500.000	501.191	520.000	526.193
279.672	279.594	279.197	279.168	278.713	278.564
279.765	279.687	279.290	279.261	278.806	278.657
279.579	279.501	279.104	279.075	278.620	278.471
279.561	279.487	279.12	279.094	278.636	278.49

540.000	560.000	563.978	576.000	578.693	580.000
278.291	278.112	278.107	278.154	278.177	278.189
278.384	278.205	278.200	278.238	278.261	278.273
278.198	278.019	278.014	278.061	278.084	278.096
278.248	278.093	278.086	278.091	278.096	278.104

600.000	620.000	630.911	631.193	640.000	660.000
278.522	279.111	279.540	279.552	279.930	280.790
278.606	279.195	279.624	279.636	280.014	280.813
278.429	279.018	279.447	279.459	279.837	280.764
278.391	278.924	279.321	279.333	279.736	280.596

LONGITUDINAL SECTION
H 1:250 V 1:100

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
4	DETAILED DESIGN SUBMISSION	JW	CS	MD / TL	02.12.2020
3	COUNCIL COMMENTS	JW	CS	TL	03.11.2020
2	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	07.10.2020
1	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	16.09.2020
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	-	-	-	-

H 0 5 10
V 0 1 2 3 4 5m
SCALE H 1:500 V 1:200 @ A3
H 1:250 V 1:100 @ A1

Cardinia

PGA REF: E20067-B
DESIGN BY: T LOGAN
SURVEY BY: PGA
APPROVED FOR CONSTRUCTION BY:
APPROVED DATE:

PGA
Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors
ABN 53 123 888 326
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400 Facsimile: (03) 9859 5022
Email: paro@pga.net.au Web: www.pga.net.au

bsi. ISO 9001 Quality Management FS521077

DESIGN PROJECT - PACKAGE 1

MOUNT BURNETT ROAD
CARDINIA SHIRE COUNCIL

LAYOUT PLAN & LONGITUDINAL SECTION - SHEET 4 OF 11

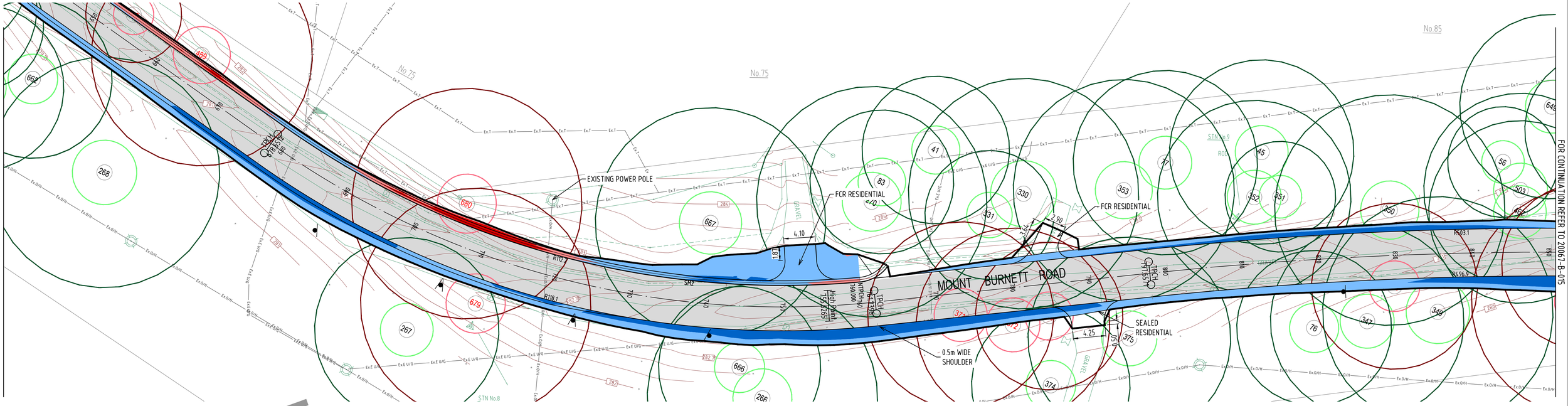
CARDINIA SHIRE COUNCIL

SCALE @ A1: AS SHOWN
DRAWING No: 20067-B-013
REV: 4

FILE: E:\CARDINIA SHIRE\E20067 - RD PACK 1 - MORRISON RD AND MT BURNETT RD\1.B-MOUNT BURNETT\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT DWG\20067-B-013.DWG PLOT INFO: THOMAS LOGAN @ 12:19 PM ON December 15, 2021

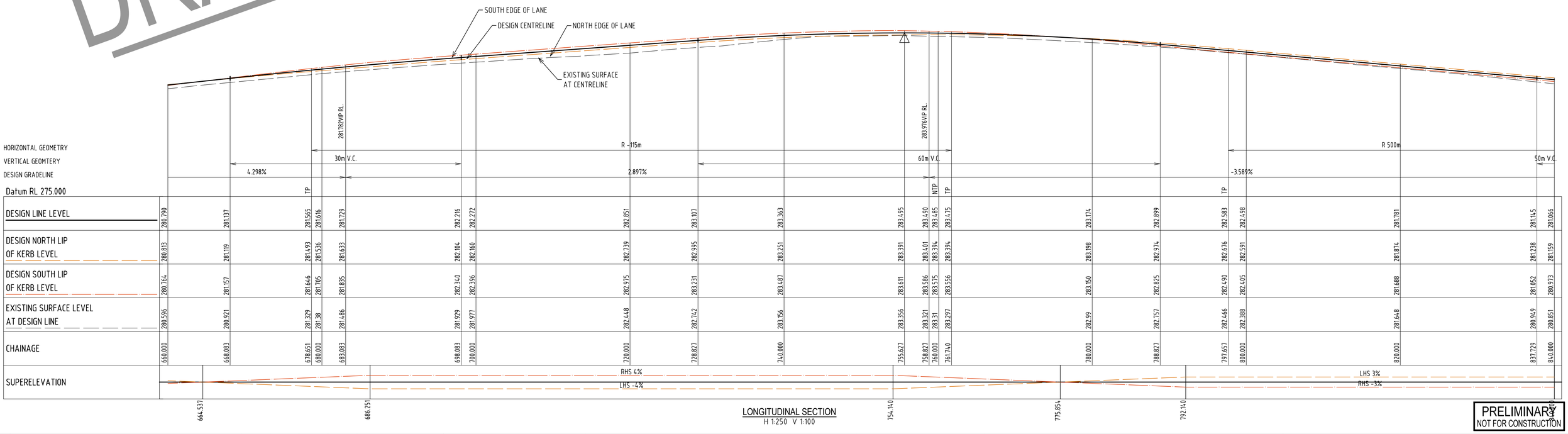
FOR CONTINUATION REFER TO 20067-B-013

FOR CONTINUATION REFER TO 20067-B-015



LAYOUT PLAN
1:250

DRAFT



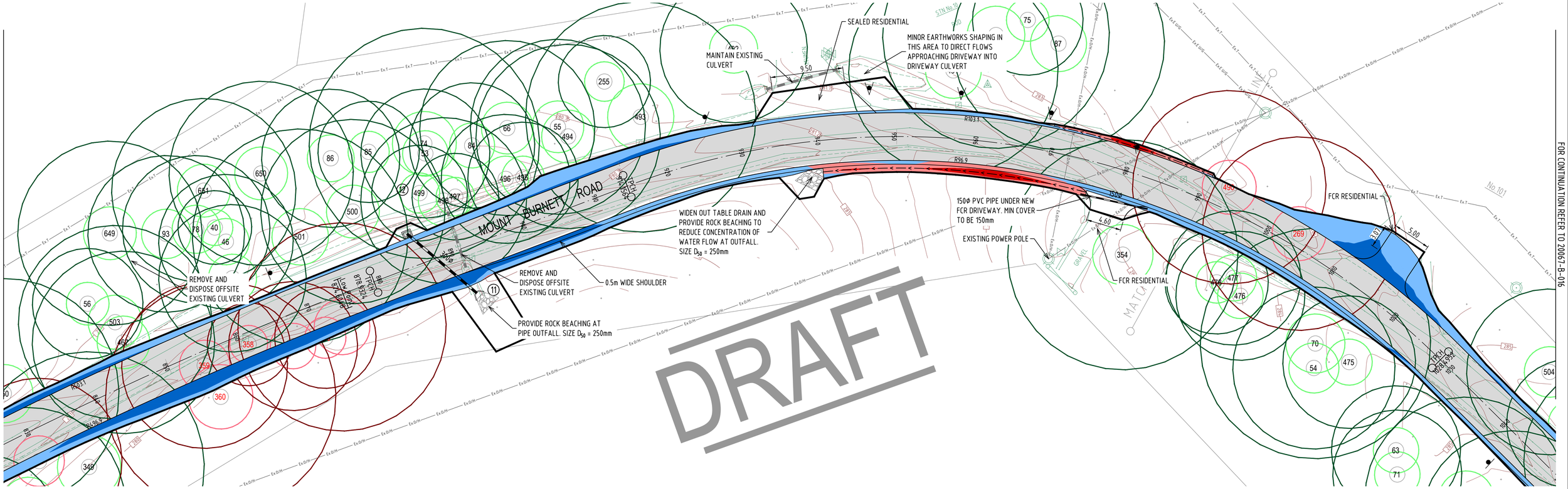
HORIZONTAL GEOMETRY
VERTICAL GEOMTERY
DESIGN GRADELINE

Datum RL 275.000

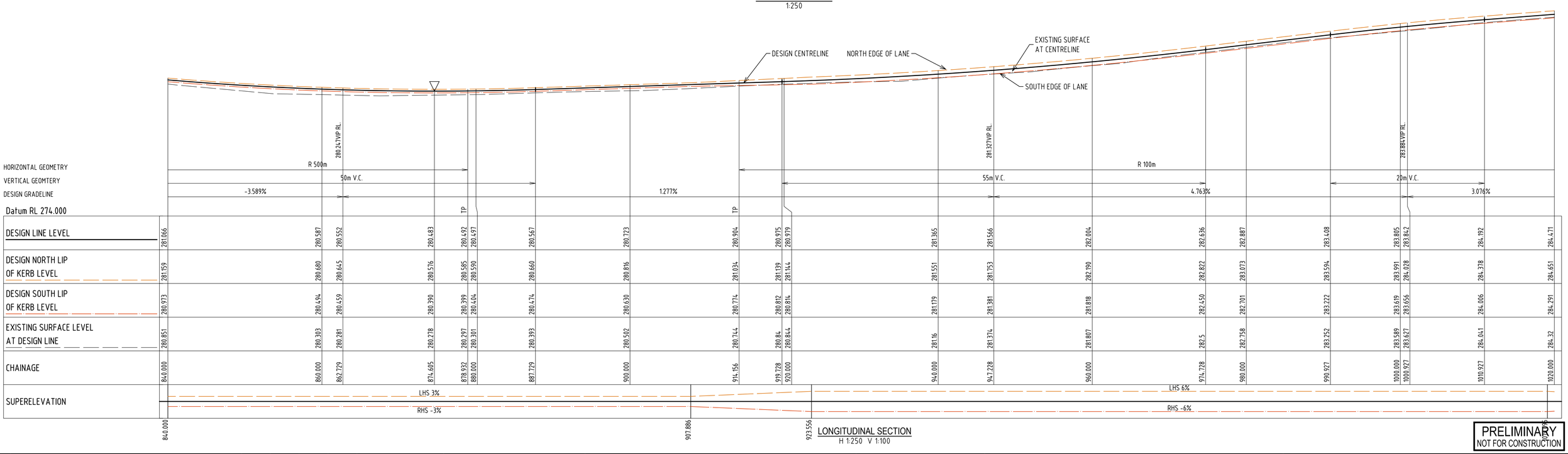
| | | |

FOR CONTINUATION REFER TO 20067-B-014

FOR CONTINUATION REFER TO 20067-B-016



LAYOUT PLAN
1:250



LONGITUDINAL SECTION
H 1:250 V 1:100

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
4	DETAILED DESIGN SUBMISSION	JW	CS	MD / TL	02.12.2020
3	COUNCIL COMMENTS	JW	CS	TL	03.11.2020
2	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	07.10.2020
1	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	16.09.2020
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	-	-	-	-

H 0 5 10
V 0 1 2 3 4 5m
SCALE H 1:500 V 1:200 @ A3
H 1:250 V 1:100 @ A1

Cardinia

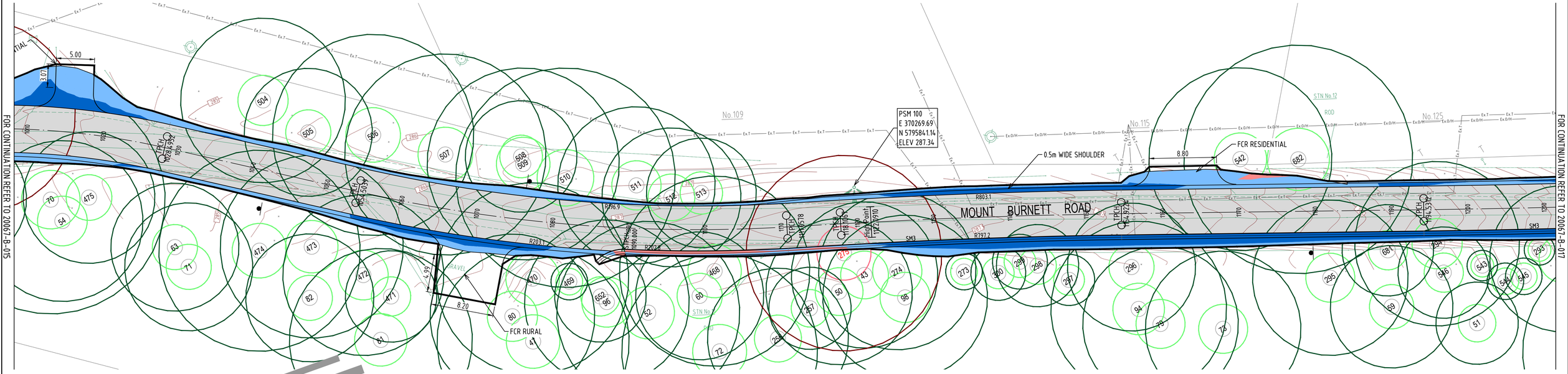
PGA REF: E20067-B
DESIGN BY: T LOGAN
SURVEY BY: PGA
APPROVED FOR CONSTRUCTION BY:
APPROVED DATE:

PGA Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors
ABN 53 123 888 326
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400 Facsimile: (03) 9859 5022
Email: paro@pga.net.au Web: www.pga.net.au
bsi. ISO 9001 Quality Management FS521077

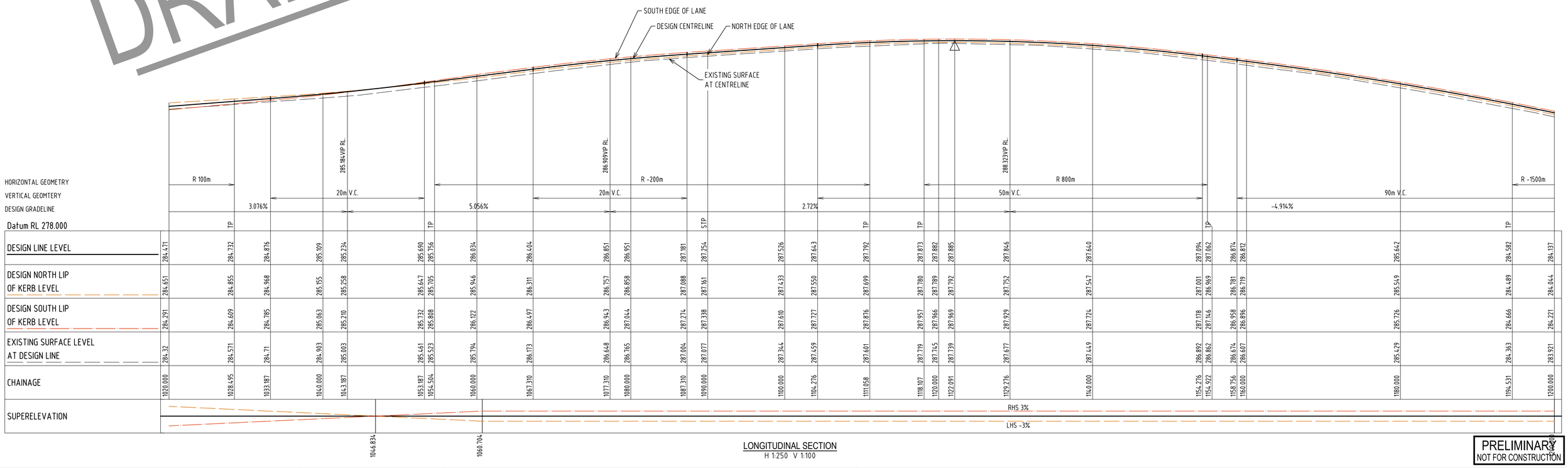
DESIGN PROJECT - PACKAGE 1
MOUNT BURNETT ROAD
CARDINIA SHIRE COUNCIL
LAYOUT PLAN & LONGITUDINAL SECTION - SHEET 6 OF 11
CARDINIA SHIRE COUNCIL

SCALE @ A1: AS SHOWN
DRAWING No: 20067-B-015
REV: 4

FILE: E:\CARDINIA SHIRE\E20067 - RD PACK 1 - MORRISON RD AND MT BURNETT RD\1.B-MOUNT BURNETT\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT DWG\20067-B-015.DWG PLOT INFO: THOMAS LOGAN @ 12:25 PM ON December 15, 2021



LAYOUT PLAN
1:250



LONGITUDINAL SECTION
H 1:250 V 1:100

PRELIMINARY
NOT FOR CONSTRUCTION

DRAFT

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
4	DETAILED DESIGN SUBMISSION	JW	CS	MD / TL	02.12.2020
3	COUNCIL COMMENTS	JW	CS	TL	03.11.2020
2	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	07.10.2020
1	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	16.09.2020
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	-	-	-	-

H 0 5 10
V 0 1 2 3 4 5m
SCALE H 1:500 V 1:200 @ A3
H 1:250 V 1:100 @ A1

Cardinia

PGA REF: E20067-B
DESIGN BY: T LOGAN
SURVEY BY: PGA
APPROVED FOR CONSTRUCTION BY:
APPROVED DATE:

PGA
Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors
ABN 53 123 888 326
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400 Facsimile: (03) 9859 5022
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ISO 9001 Quality Management
FS521077

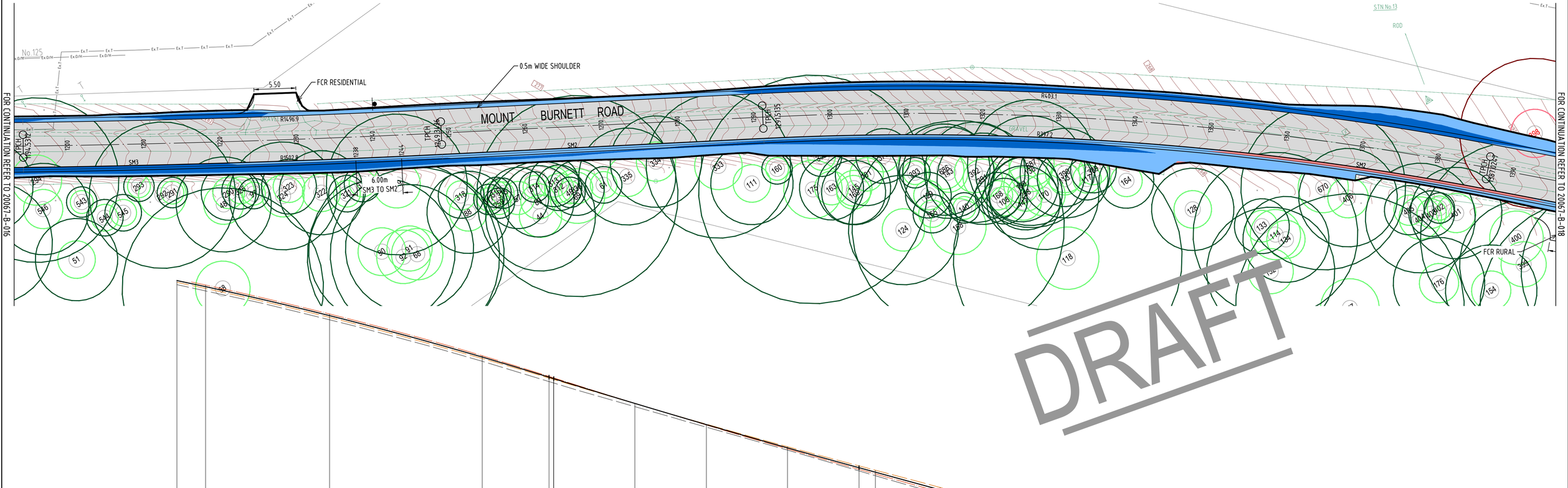
DESIGN PROJECT - PACKAGE 1
MOUNT BURNETT ROAD
CARDINIA SHIRE COUNCIL
LAYOUT PLAN & LONGITUDINAL SECTION - SHEET 7 OF 11
CARDINIA SHIRE COUNCIL

SCALE @ A1: AS SHOWN
DRAWING No: 20067-B-016
REV: 4

FILE: E:\CARDINIA SHIRE\E20067 - RD PACK 1 - MORRISON RD AND MT BURNETT RD\1.B-MOUNT BURNETT\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT DWG\20067-B-016.DWG PLOT INFO: THOMAS LOGAN @ 12:27 PM ON December 15, 2021

FOR CONTINUATION REFER TO 20067-B-016

FOR CONTINUATION REFER TO 20067-B-018



LONGITUDINAL SECTION
H 1:250 V 1:100

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
4	DETAILED DESIGN SUBMISSION	JW	CS	MD / TL	02.12.2020
3	COUNCIL COMMENTS	JW	CS	TL	03.11.2020
2	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	07.10.2020
1	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	16.09.2020
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	-	-	-	-

H 0 5 10
V 0 1 2 3 4 5m
SCALE H 1:500 V 1:200 @ A3
H 1:250 V 1:100 @ A1

Cardinia

PGA REF: E20067-B
DESIGN BY: T LOGAN
SURVEY BY: PGA
APPROVED FOR CONSTRUCTION BY:
APPROVED DATE:

PGA
Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors
ABN 53 123 888 326
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ISO 9001 Quality Management
FS521077

DESIGN PROJECT - PACKAGE 1

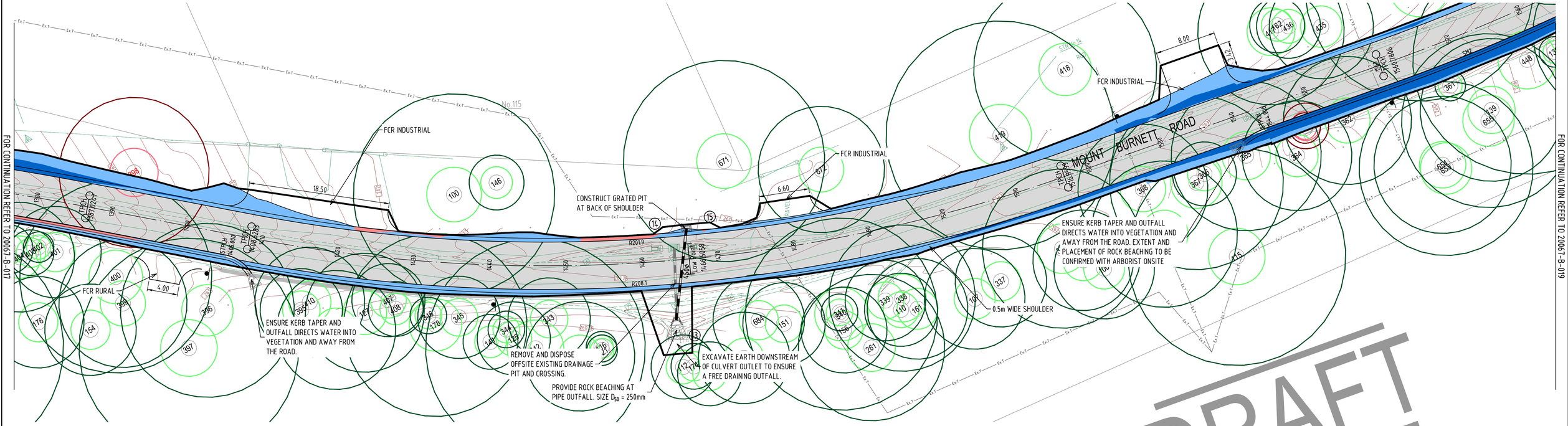
MOUNT BURNETT ROAD
CARDINIA SHIRE COUNCIL
LAYOUT PLAN & LONGITUDINAL SECTION - SHEET 8 OF 11
CARDINIA SHIRE COUNCIL

SCALE @ A1: AS SHOWN
DRAWING No: 20067-B-017
REV: 4

FILE: E:\CARDINIA SHIRE\E20067 - RD PACK 1 - MORRISON RD AND MT BURNETT RD\1.B-MOUNT BURNETT\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT DWG\20067-B-017.DWG PLOT INFO: THOMAS LOGAN @ 12:28 PM ON December 15, 2021

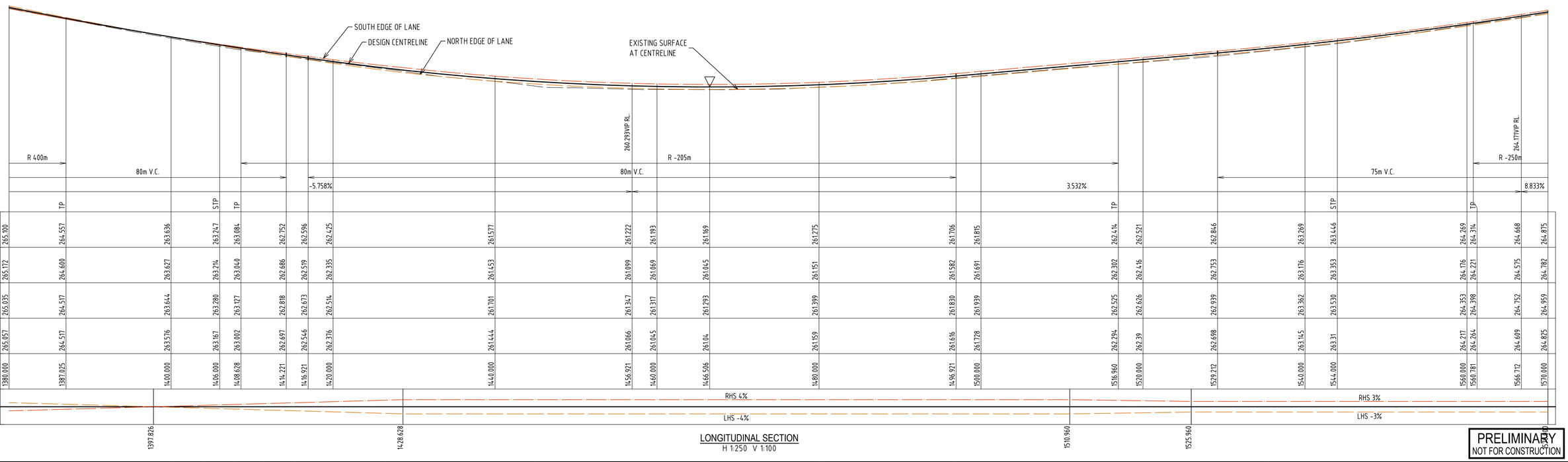
FOR CONTINUATION REFER TO 20067-B-017

FOR CONTINUATION REFER TO 20067-B-019



LAYOUT PLAN
1:250

DRAFT



LONGITUDINAL SECTION
H 1:250 V 1:100

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
4	DETAILED DESIGN SUBMISSION	JW	CS	MD / TL	02.12.2020
3	COUNCIL COMMENTS	JW	CS	TL	03.11.2020
2	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	07.10.2020
1	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	CS	TL	16.09.2020
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	-	-	-	-

H 0 5 10
V 0 1 2 3 4 5m
SCALE H 1:500 V 1:200 @ A3
H 1:250 V 1:100 @ A1

Cardinia

PGA REF: E20067-B
DESIGN BY: T LOGAN
SURVEY BY: PGA
APPROVED FOR CONSTRUCTION BY:
APPROVED DATE:

PGA Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors
ABN 53 123 888 326
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ISO 9001 Quality Management FS521077

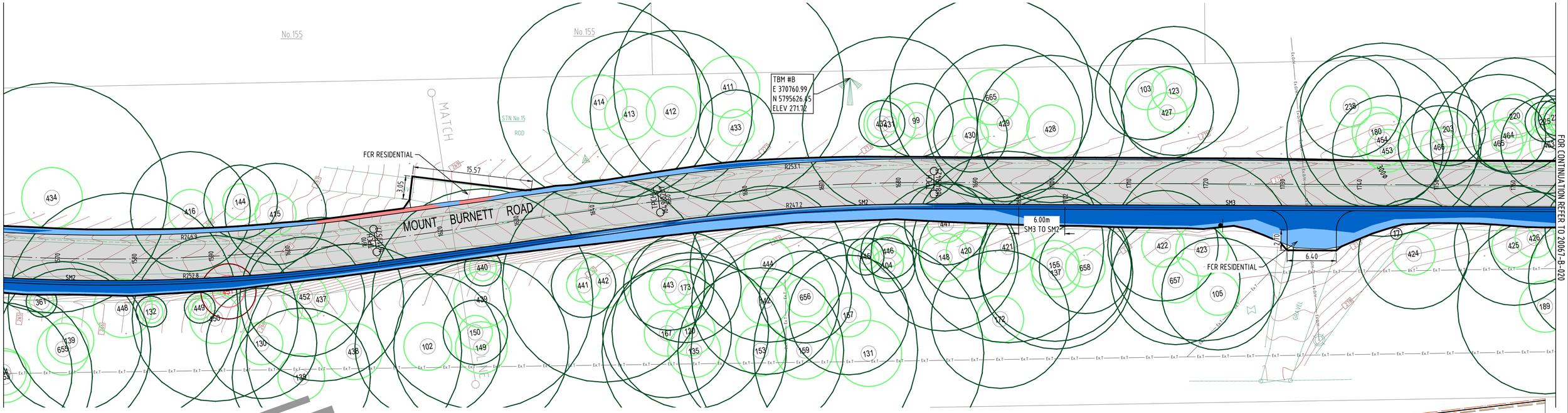
DESIGN PROJECT - PACKAGE 1
MOUNT BURNETT ROAD
CARDINIA SHIRE COUNCIL
LAYOUT PLAN & LONGITUDINAL SECTION - SHEET 9 OF 11
CARDINIA SHIRE COUNCIL

SCALE @ A1: AS SHOWN
DRAWING No: 20067-B-018
REV: 4

FILE: E:\CARDINIA SHIRE\E20067 - RD PACK 1 - MORRISON RD AND MT BURNETT RD\1.B-MOUNT BURNETT\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT DWG\20067-B-018.DWG PLOT INFO: THOMAS LOGAN @ 12:29 PM ON December 15, 2021

FOR CONTINUATION REFER TO 20067-B-018

FOR CONTINUATION REFER TO 20067-B-020


No.155
No.155
MATCH
STN No.15
ROD
TBM #B
E 370760.99
N 5795626.65
ELEV 271.72
FCR RESIDENTIAL
15.57
3.05
MOUNT BURNETT ROAD
R246.9
R257.8
R253.1
R247.2
SM2
SM3
6.00m
SM3 TO SM2
FCR RESIDENTIAL
6.40
2.70
TBM #A
E 370760.99
N 5795626.65
ELEV 271.72
DRAINAGE
EX.WM
EX.OHW
EX.T
EX.GAS
EX.GAS
EX.OHW
EX.OHW
EX.T
EX.T
EX.T