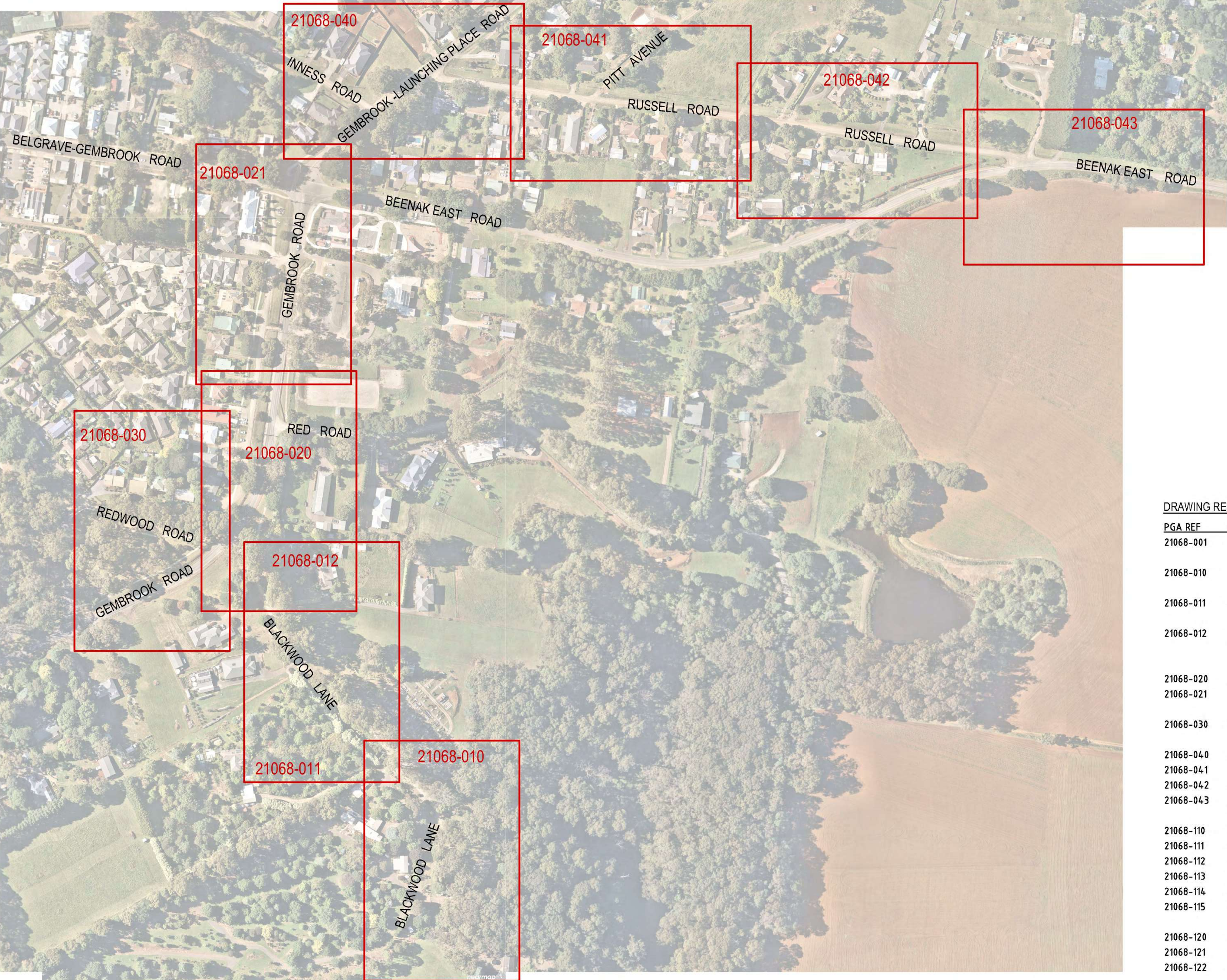
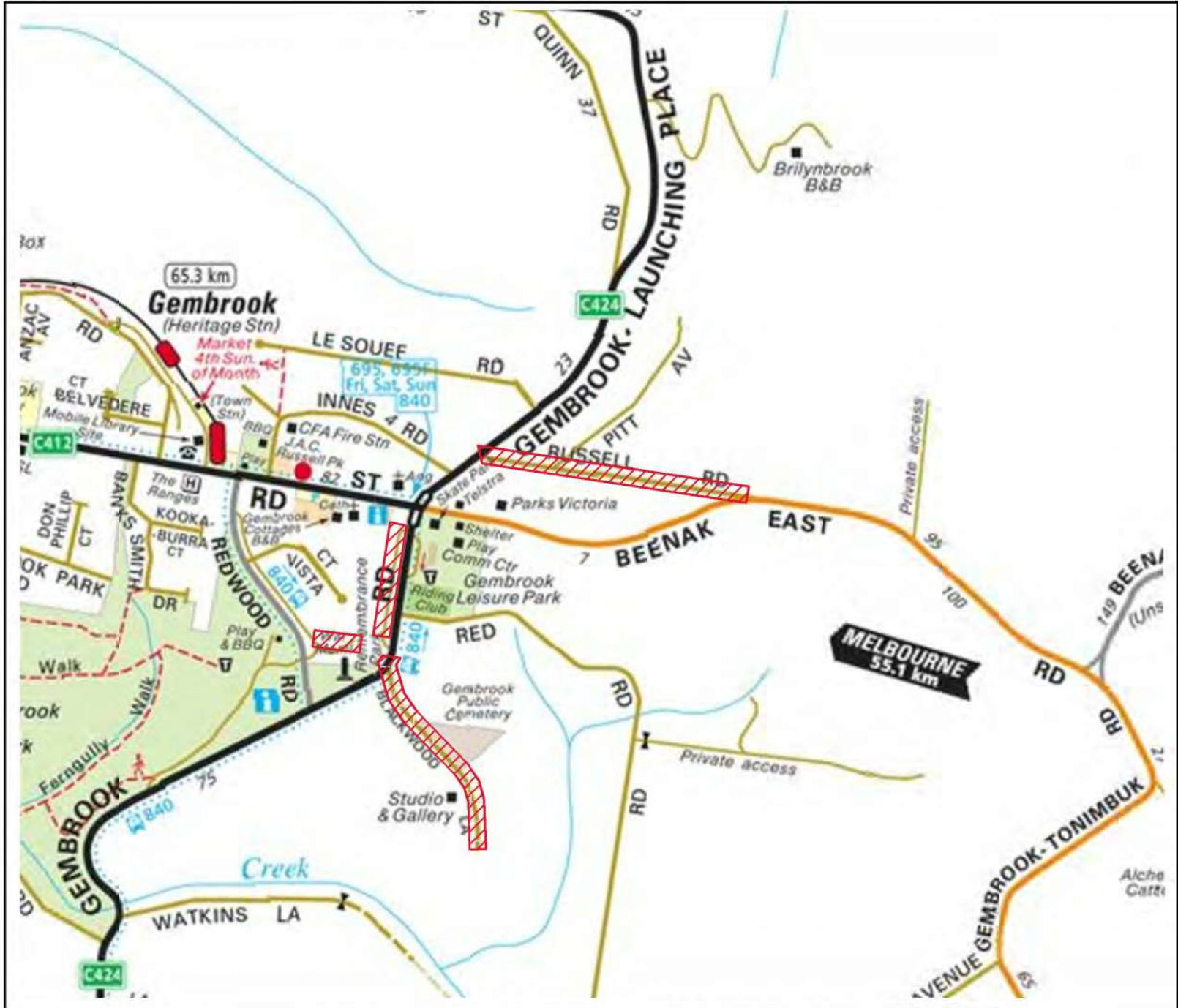


ROAD AND DRAINAGE RECONSTRUCTION WORKS

CARDINIA PACKAGE 13



OVERALL LAOUT & KEY PLAN
1:2000 @ A1



SITE OF WORKS - MELWAY REF: 299 A11-B10
N.T.S.

DRAWING REGISTER

PGA REF	DESCRIPTION	
21068-001	LOCALITY PLAN & DRAWING REGISTER	
21068-010	LAYOUT PLAN - BLACKWOOD LANE - SHEET 1 OF 3	21068-130 ROAD LONGITUDINAL & CROSS SECTIONS - REDWOOD ROAD
21068-011	LAYOUT PLAN - BLACKWOOD LANE - SHEET 2 OF 3	21068-140 ROAD LONGITUDINAL SECTION - RUSSELL ROAD - SHEET 1 OF 2
21068-012	LAYOUT PLAN - BLACKWOOD LANE - SHEET 3 OF 3	21068-141 ROAD LONGITUDINAL SECTION - RUSSELL ROAD - SHEET 2 OF 2
21068-020	LAYOUT PLAN - GEMBROOK SERVICE ROAD - SHEET 1 OF 2	21068-142 ROAD CROSS SECTIONS - RUSSELL ROAD - SHEET 1 OF 3
21068-021	LAYOUT PLAN - GEMBROOK SERVICE ROAD - SHEET 2 OF 2	21068-143 ROAD CROSS SECTIONS - RUSSELL ROAD - SHEET 2 OF 3
21068-030	LAYOUT PLAN - REDWOOD ROAD	21068-144 ROAD CROSS SECTIONS - RUSSELL ROAD - SHEET 3 OF 3
21068-040	LAYOUT PLAN - RUSSELL ROAD - SHEET 1 OF 4	21068-150 SETOUT DETAILS - SHEET 1 OF 8 - BLACKWOOD LANE
21068-041	LAYOUT PLAN - RUSSELL ROAD - SHEET 2 OF 4	21068-151 SETOUT DETAILS - SHEET 2 OF 8 - BLACKWOOD LANE
21068-042	LAYOUT PLAN - RUSSELL ROAD - SHEET 3 OF 4	21068-155 SETOUT DETAILS -SHEET 3 OF 8 - GEMBROOK SERVICE ROAD
21068-043	LAYOUT PLAN - RUSSELL ROAD - SHEET 4 OF 4	21068-160 SETOUT DETAILS -SHEET 4 OF 8 - REDWOOD ROAD
21068-110	ROAD LONGITUDINAL SECTION - BLACKWOOD LANE - SHEET 1 OF 2	21068-165 SETOUT DETAILS -SHEET 5 OF 8 - RUSSELL ROAD - SHEET 1 OF 4
21068-111	ROAD LONGITUDINAL SECTION - BLACKWOOD LANE - SHEET 2 OF 2	21068-166 SETOUT DETAILS -SHEET 6 OF 8 - RUSSELL ROAD - SHEET 2 OF 4
21068-112	ROAD CROSS SECTIONS - BLACKWOOD LANE - SHEET 1 OF 4	21068-167 SETOUT DETAILS -SHEET 7 OF 8 - RUSSELL ROAD - SHEET 3 OF 4
21068-113	ROAD CROSS SECTIONS - BLACKWOOD LANE - SHEET 2 OF 4	21068-168 SETOUT DETAILS -SHEET 8 OF 8 - RUSSELL ROAD - SHEET 4 OF 4
21068-114	ROAD CROSS SECTIONS - BLACKWOOD LANE - SHEET 3 OF 4	21068-190 SIGNS & LINEMARKING PLAN - SHEET 1 OF 2
21068-115	ROAD CROSS SECTIONS - BLACKWOOD LANE - SHEET 4 OF 4	21068-191 SIGNS & LINEMARKING PLAN - SHEET 2 OF 2
21068-120	ROAD LONGITUDINAL SECTION - GEMBROOK SERVICE ROAD	21068-250 MISCELLANEOUS DETAILS
21068-121	ROAD CROSS SECTIONS - GEMBROOK SERVICE ROAD - SHEET 1 OF 2	21068-300 DRAINAGE LONGITUDINAL SECTIONS - SHEET 1 OF 3
21068-122	ROAD CROSS SECTIONS - GEMBROOK SERVICE ROAD - SHEET 2 OF 2	21068-300 DRAINAGE LONGITUDINAL SECTIONS - SHEET 2 OF 3
		21068-302 DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE - SHEET 3 OF 3

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	J.W.	-	M.D.	15.06.2022

FILE: E:\CARDINIA SHIRE\21068 - PACKAGE 13 SEALING OF DANDENONG RANGES\1DRAWINGS\2.20 CAD (DWG)\3.CURRENT\DD\21068-001.DWG

PLOT INFO: JARROD WILSON @ 2:15 PM ON June 10, 2022

0 20 40 60 80 100m
SCALE 1:4000 @ A3
1:2000 @ A1



PGA REF:	21068
DESIGN BY:	J. WILSON
SURVEY BY:	-
APPROVED FOR CONSTRUCTION BY:	-
APPROVED DATE:	-



Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors

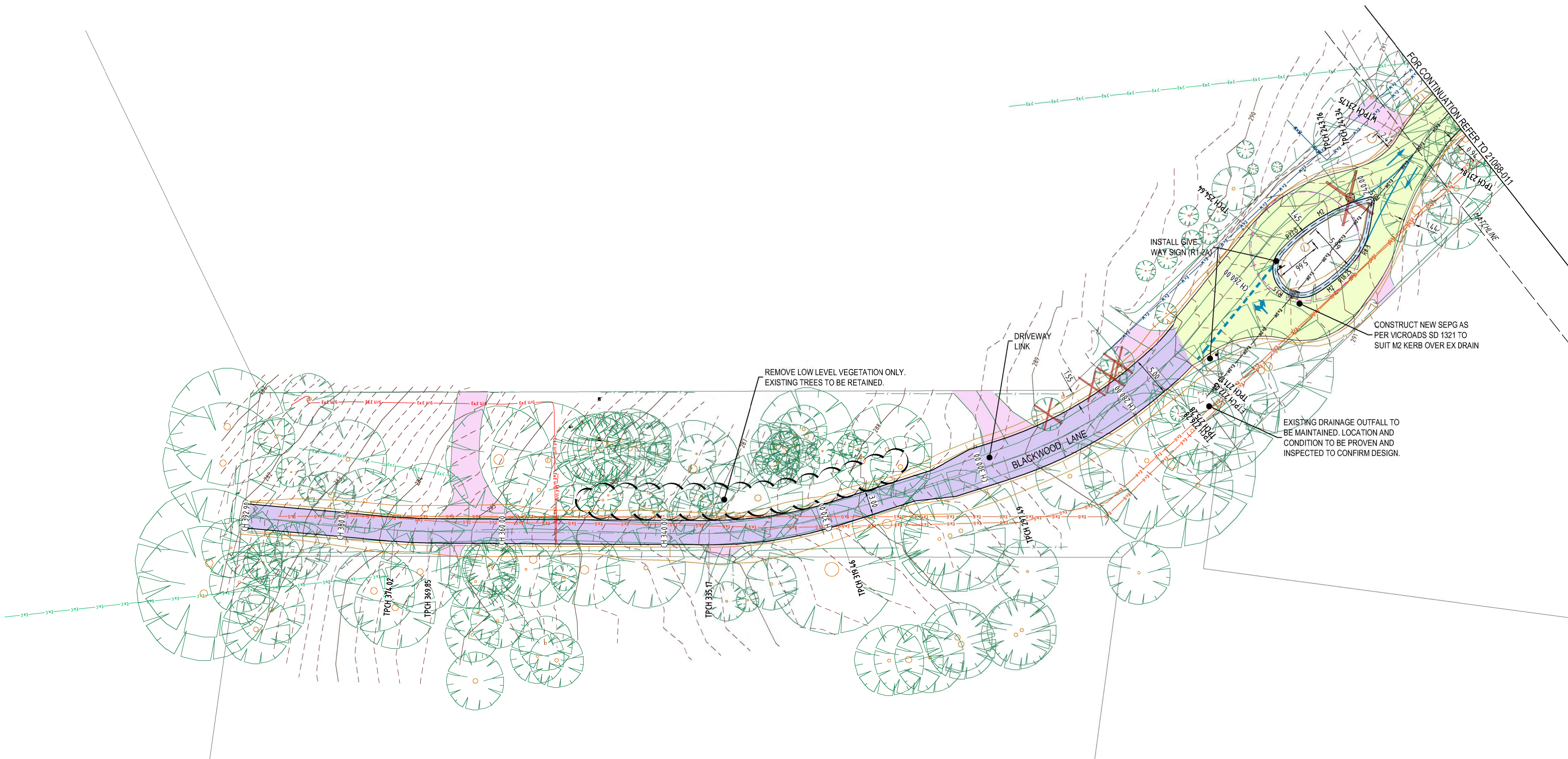
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400
Email: paro@pga.net.au



SEALING THE HILLS - PACKAGE 13
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK
CARDINIA SHIRE COUNCIL

LOCALITY PLAN & DRAWING REGISTER

SCALE @ A1:	1:2,000	DRAWING No.:	21068 - 001	REV	0
-------------	---------	--------------	-------------	-----	---



HATCH PATTERN

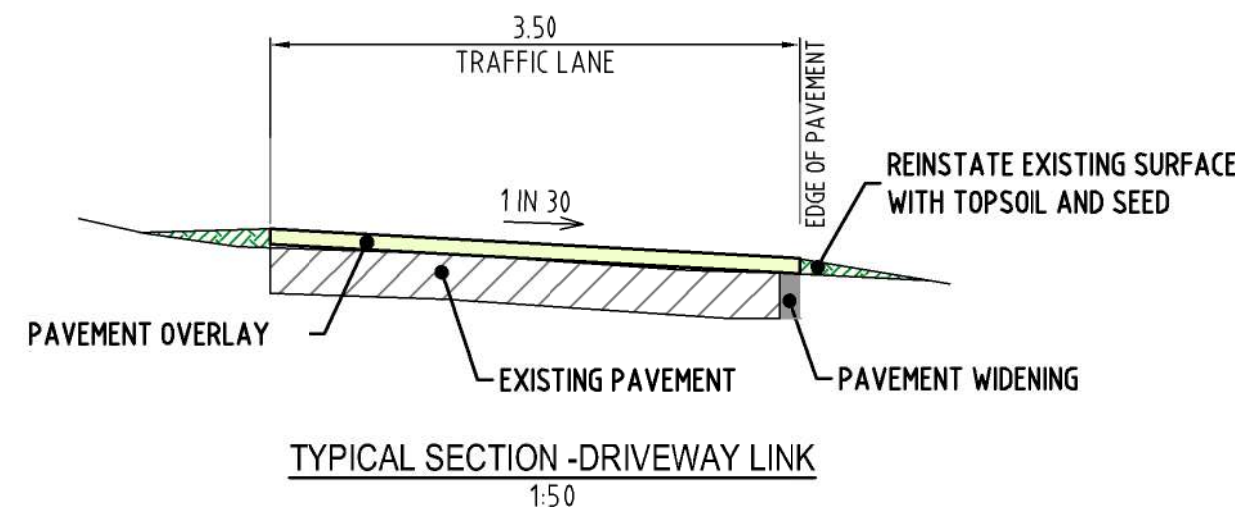
- PROPOSED PAVEMENT
- PROPOSED KERB
- PROPOSED TABLE DRAIN
- DRIVEWAY LINK
- EXISTING VEHICLE CROSSING
- EXISTING FOOTPATH

LEGEND

- TREE IMPACTED BY WORKS

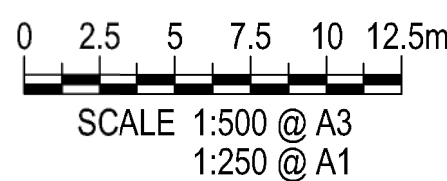
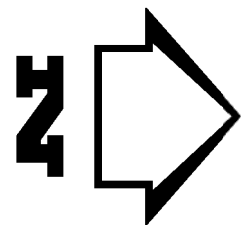
NOTE:

- KERB RETURN RADII SHOWN ARE FROM LIP OF KERB.
- ALL EXISTING DRIVEWAYS TO BE REINSTATED TO MATCH NEATLY TO NEW FINISHED SURFACE LEVELS. MATERIAL TYPE TO MATCH EXISTING.
- DISTURBED NATURE STRIPS TO BE REINSTATED WITH TOPSOIL & GRASS SEED.



PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	J.W	-	M.D	15.06.2022



PGA REF:	21068
DESIGN BY:	J. WILSON
SURVEY BY:	-
APPROVED FOR CONSTRUCTION BY:	-
APPROVED DATE:	-



Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors

Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400
Email: paro@pga.net.au



SEALING THE HILLS - PACKAGE 13
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK
CARDINIA SHIRE COUNCIL
LAYOUT PLAN - BLACKWOOD LANE
SHEET 1 OF 3

SCALE @ A1:	1:250	DRAWING No.:	21068 - 010	REV	0
-------------	-------	--------------	-------------	-----	---

HATCH PATTERN

PROPOSED PAVEMENT

PROPOSED KERB

PROPOSED TABLE DRAIN

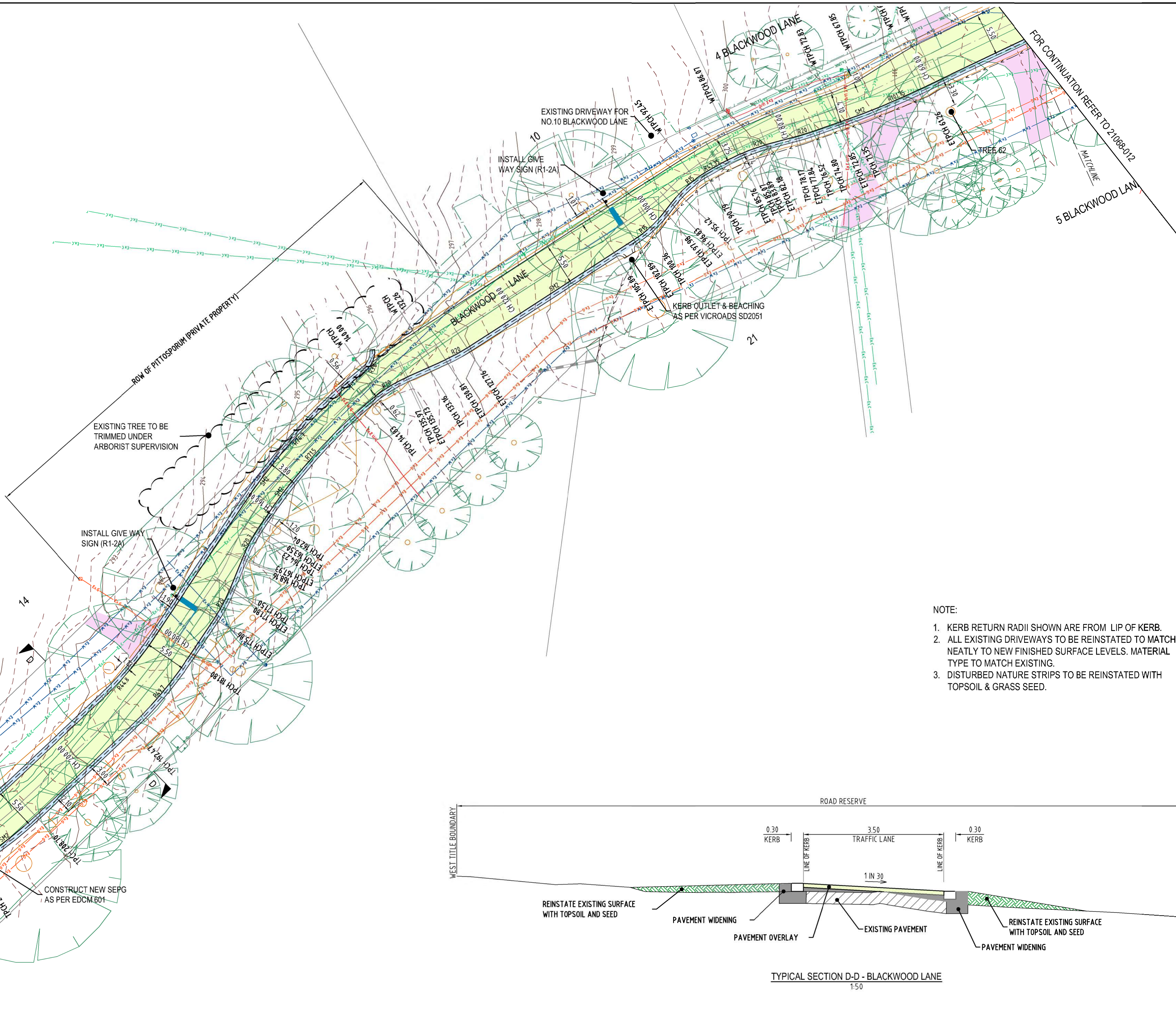
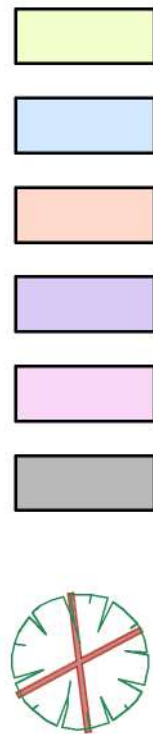
DRIVEWAY LINK

EXISTING VEHICLE CROSSING

EXISTING FOOTPATH

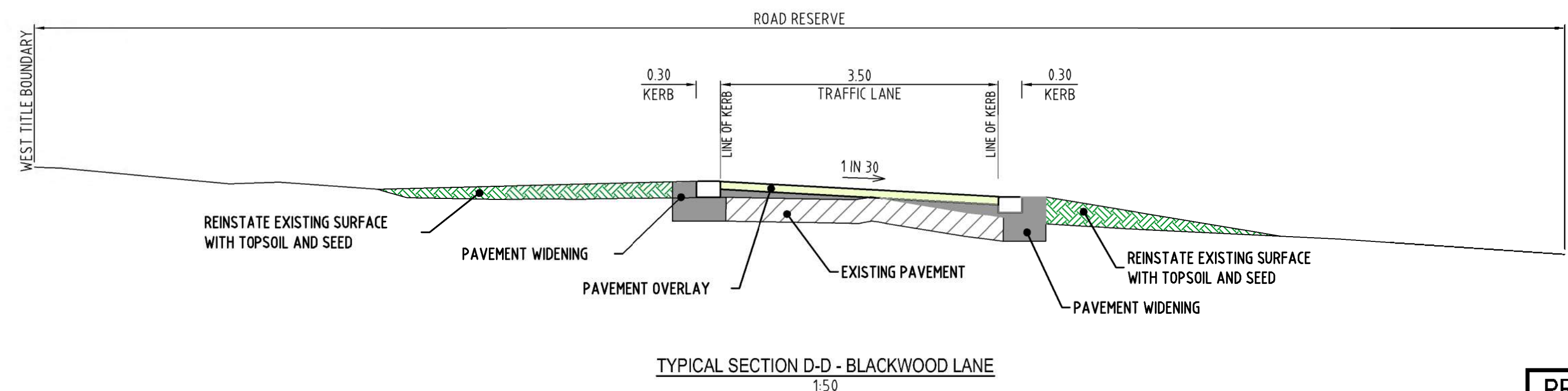
LEGEND

TREE IMPACTED BY WORKS



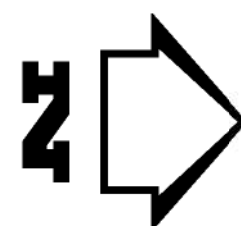
NOTE:

1. KERB RETURN RADII SHOWN ARE FROM LIP OF KERB.
2. ALL EXISTING DRIVEWAYS TO BE REINSTATED TO MATCH NEATLY TO NEW FINISHED SURFACE LEVELS. MATERIAL TYPE TO MATCH EXISTING.
3. DISTURBED NATURE STRIPS TO BE REINSTATED WITH TOPSOIL & GRASS SEED.



PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	J.W.	-	M.D.	15.06.2022



0 2.5 5 7.5 10 12.5m
SCALE 1:500 @ A3
1:250 @ A1



PGA REF:	21068
DESIGN BY:	J. WILSON
SURVEY BY:	-
APPROVED FOR CONSTRUCTION BY:	-
APPROVED DATE:	-



Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors

Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400
Email: paro@pga.net.au

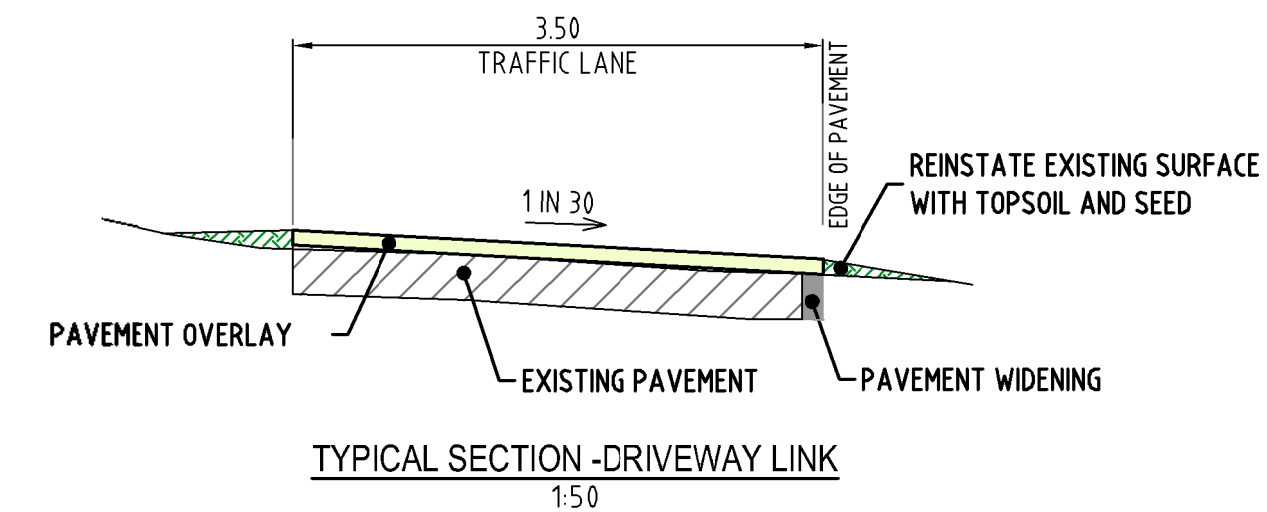
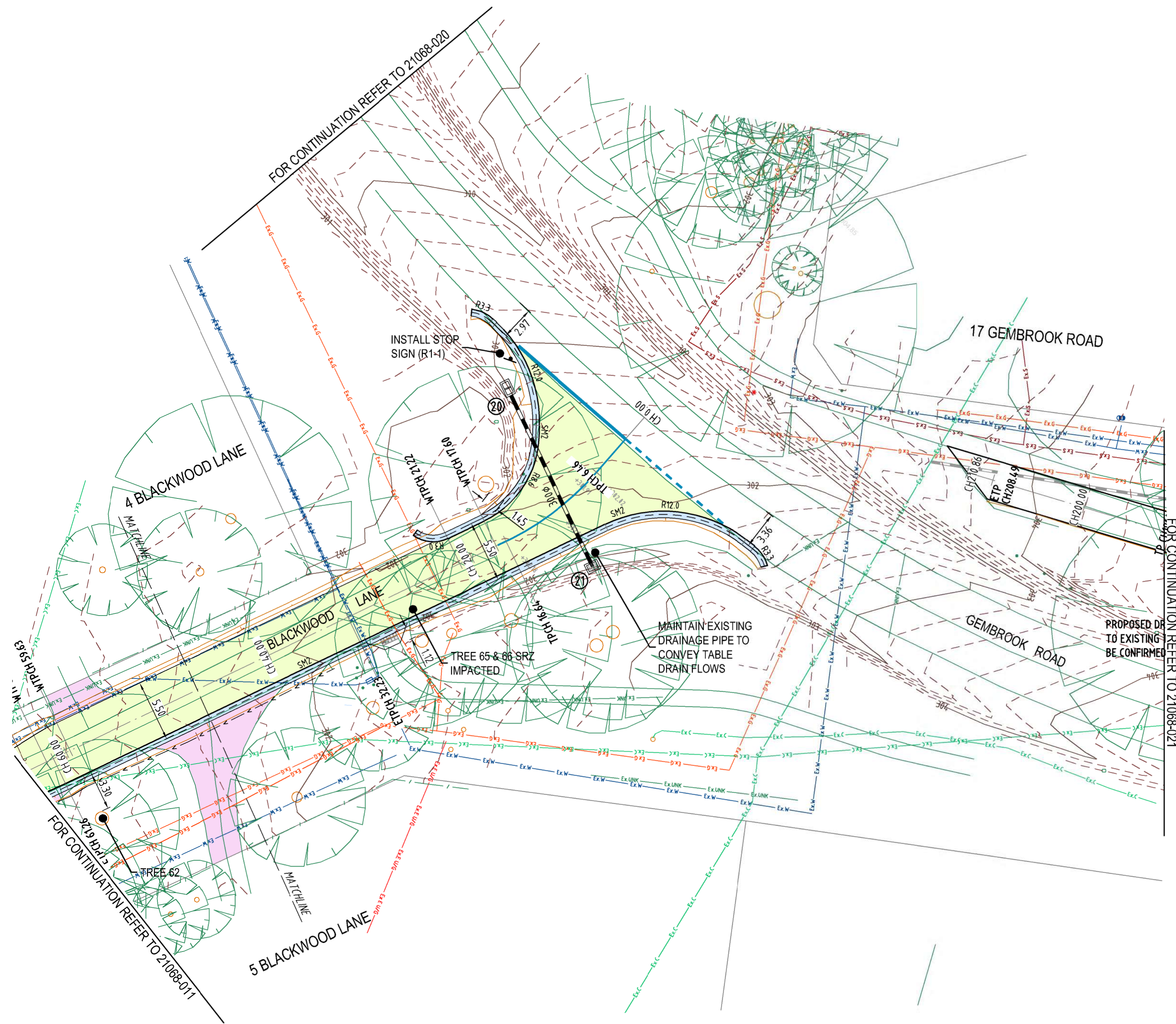


SEALING THE HILLS - PACKAGE 13
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK
CARDINIA SHIRE COUNCIL
LAYOUT PLAN - BLACKWOOD LANE
SHEET 2 OF 3

SCALE @ A1:	1:250	DRAWING NO.:	21068 - 011	REV	0
-------------	-------	--------------	-------------	-----	---

FILE: E:\CARDINIA SHIRE\21068 - PACKAGE 13 SEALING OF DANDENONG RANGES\1DRAWINGS\2.20 CAD (DWG)\3.CURRENT\DD\21068-011.DWG

PLOT INFO: JARROD WILSON @ 10:16 AM ON June 10, 2022

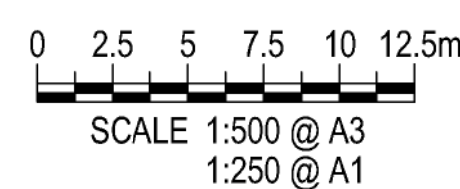
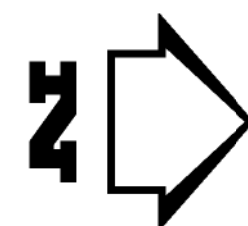


HATCH PATTERN

PROPOSED PAVEMENT	
PROPOSED KERB	
PROPOSED TABLE DRAIN	
DRIVEWAY LINK	
EXISTING VEHICLE CROSSING	
EXISTING FOOTPATH	

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	J.W.	-	M.D.	15.06.2022



PGA REF:	21068
DESIGN BY:	J. WILSON
SURVEY BY:	-
APPROVED FOR CONSTRUCTION BY:	-
APPROVED DATE:	-



Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors

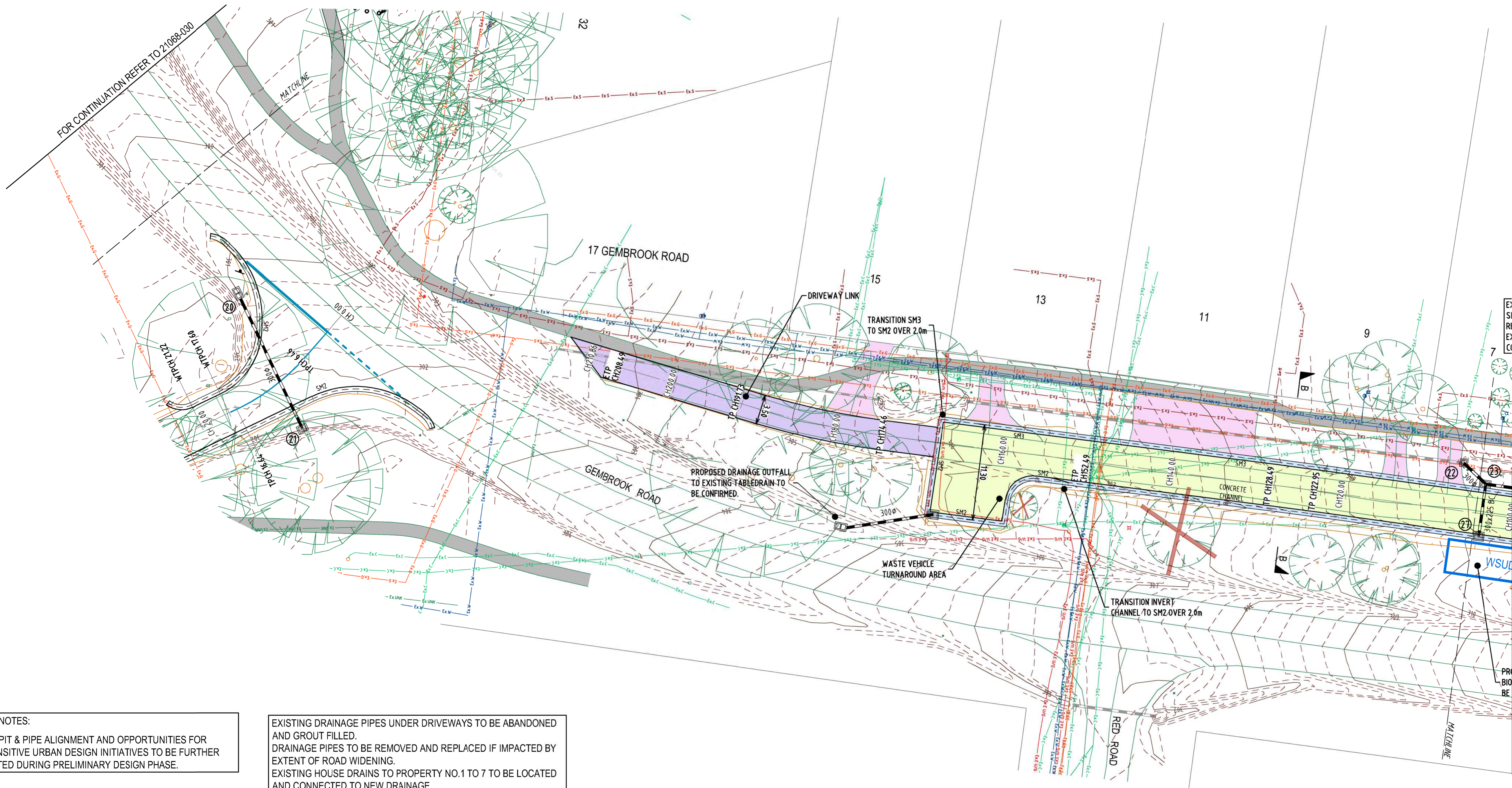
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400
Email: paro@pga.net.au

Facsimile: (03) 9859 5022
Web: www.pga.net.au



SEALING THE HILLS - PACKAGE 13
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK
CARDINIA SHIRE COUNCIL
LAYOUT PLAN - BLACKWOOD LANE
SHEET 3 OF 3

SCALE @ A1:	1:250	DRAWING No.:	21068 - 012	REV	0
-------------	-------	--------------	-------------	-----	---

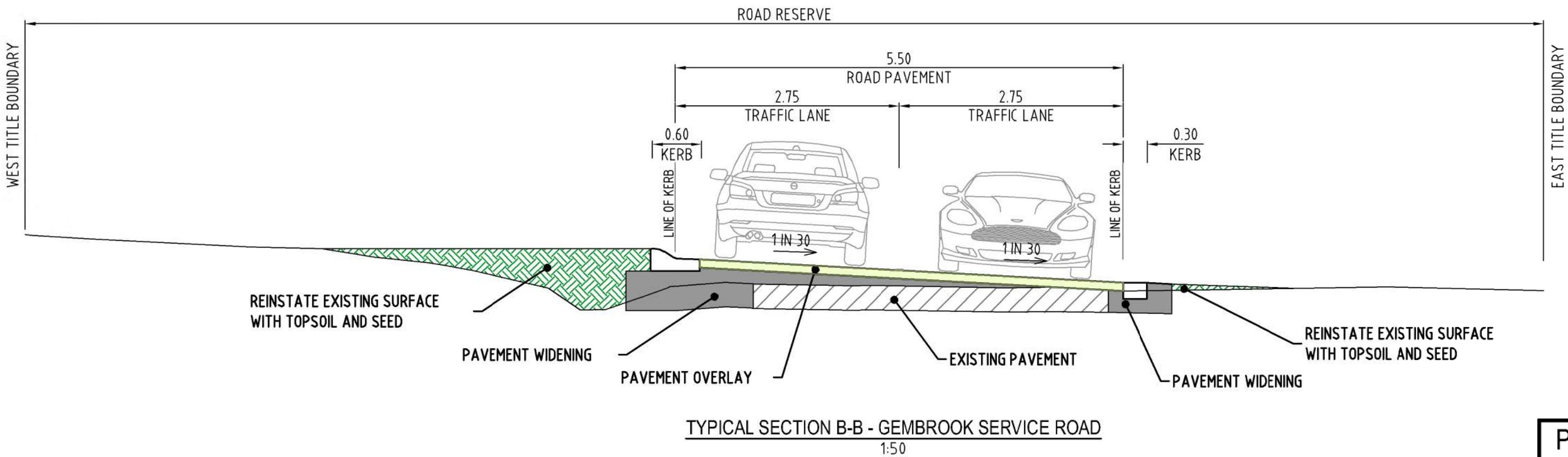
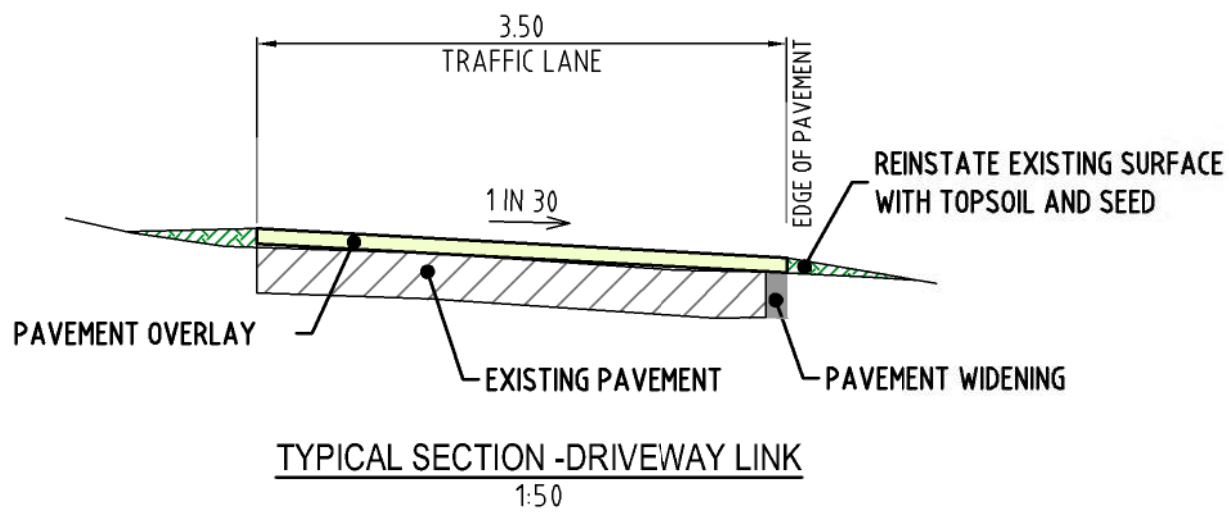


DRAINAGE NOTES:
DRAINAGE PIT & PIPE ALIGNMENT AND OPPORTUNITIES FOR WATER SENSITIVE URBAN DESIGN INITIATIVES TO BE FURTHER INVESTIGATED DURING PRELIMINARY DESIGN PHASE.

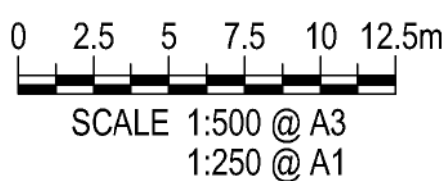
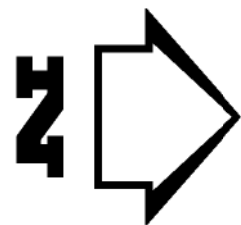
EXISTING DRAINAGE PIPES UNDER DRIVEWAYS TO BE ABANDONED AND GROUT FILLED.
DRAINAGE PIPES TO BE REMOVED AND REPLACED IF IMPACTED BY EXTENT OF ROAD WIDENING.
EXISTING HOUSE DRAINS TO PROPERTY NO.1 TO 7 TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

HATCH PATTERN

- PROPOSED PAVEMENT
- PROPOSED KERB
- PROPOSED TABLE DRAIN
- DRIVEWAY LINK
- EXISTING VEHICLE CROSSING
- EXISTING FOOTPATH



REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	J.W	-	M.D	15.06.2022



PGA REF:	21068
DESIGN BY:	J. WILSON
SURVEY BY:	-
APPROVED FOR CONSTRUCTION BY:	-
APPROVED DATE:	-

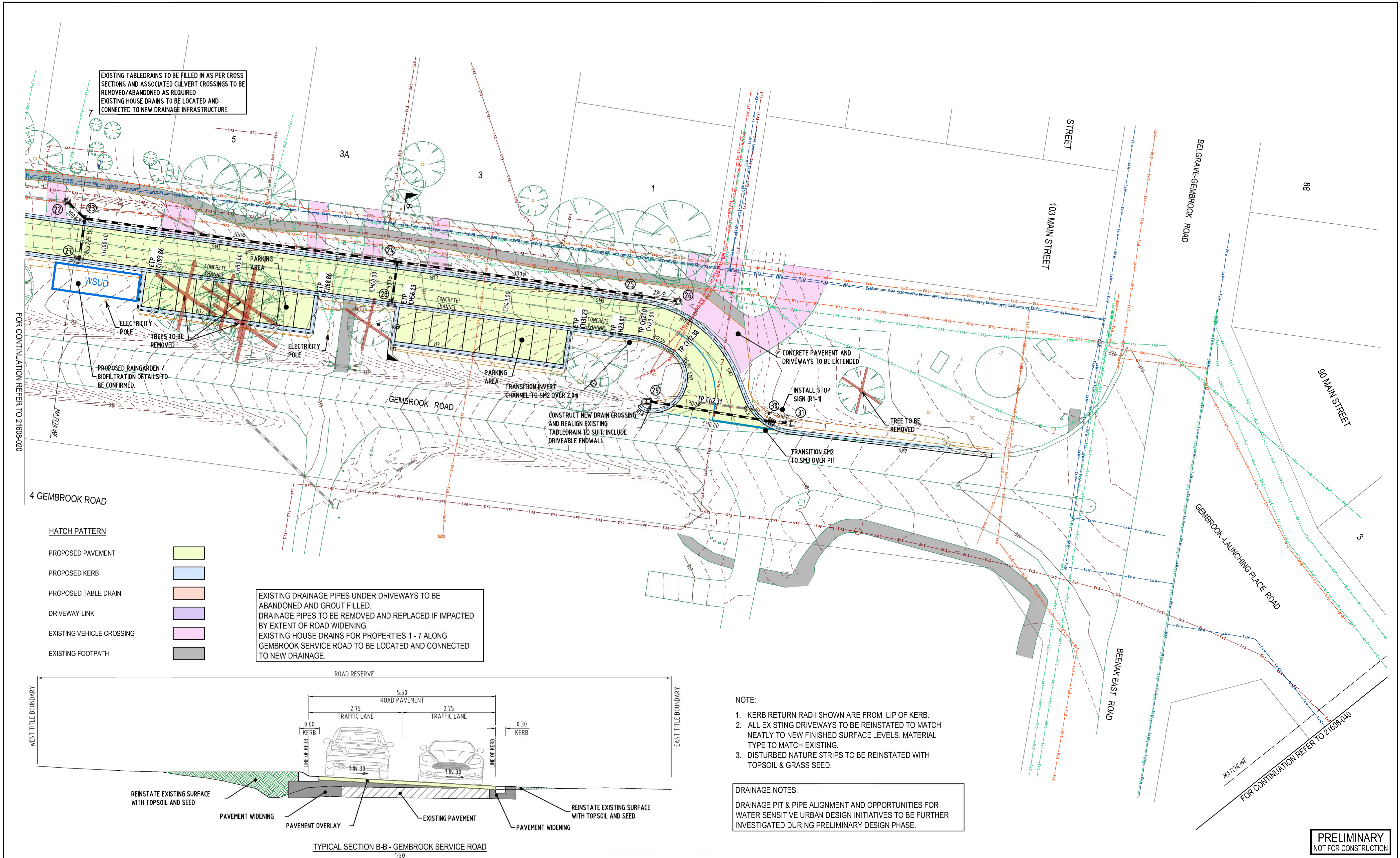


Paroissien Grant & Associates Pty. Ltd.
Consulting Engineers & Surveyors
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104
Phone: (03) 9859 6400
Email: paro@pga.net.au



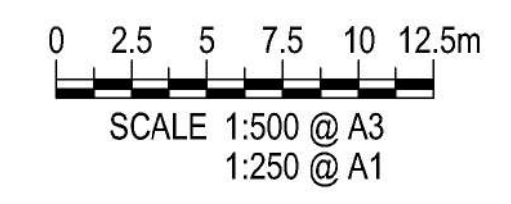
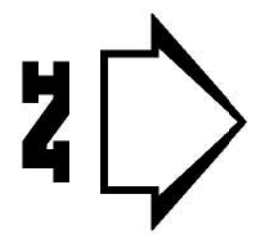
SEALING THE HILLS - PACKAGE 13
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK
CARDINIA SHIRE COUNCIL
LAYOUT PLAN - GEMBROOK SERVICE ROAD
SHEET 1 OF 2

SCALE @ A1:	1:250	DRAWING No.:	21068 - 020	REV	0
-------------	-------	--------------	-------------	-----	---



REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	J.W.	-	M.D.	15.06.2022

FILE: E:\CARDINIA SHIRE\21068 - PACKAGE 13 SEALING OF DANDENONG RANGES\1DRAWINGS\2.20 CAD (DWG)\3.CURRENT\DD\21068-021.DWG



PGA REF:	21068
DESIGN BY:	J. WILSON
SURVEY BY:	-
APPROVED FOR CONSTRUCTION BY:	-
APPROVED DATE:	-



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



SEALING THE HILLS - PACKAGE 13 RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK CARDINIA SHIRE COUNCIL LAYOUT PLAN - GEMBROOK SERVICE ROAD SHEET 2 OF 2		
SCALE @ A1:	1:250	DRAWING NO.: 21068 - 021
REV	0	