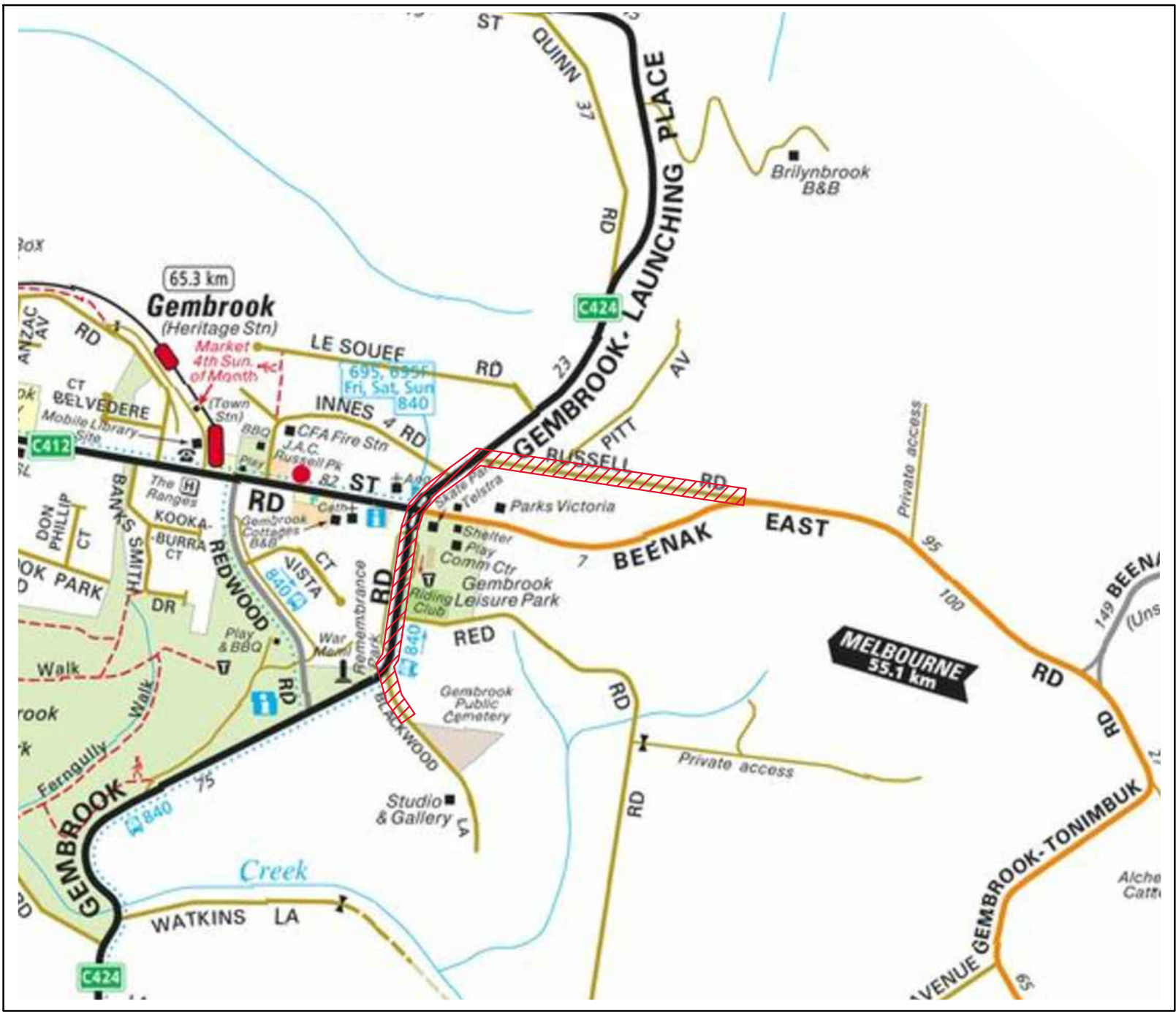


# ROAD AND DRAINAGE RECONSTRUCTION WORKS

## CARDINIA PACKAGE 13



OVERALL LAOUT & KEY PLAN  
1:2000 @ A1



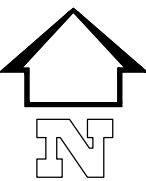
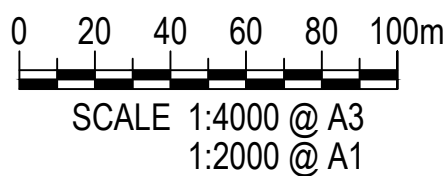
SITE OF WORKS - MELWAY REF: 299 A11-B10  
N.T.S.

### DRAWING REGISTER

PGA REF	No.	DESCRIPTION	REVISION
21068-CP-001	1	LOCALITY PLAN & DRAWING REGISTER	0
21068-CP-010	2	ALIGNMENT PLAN - 1 OF 9	0
21068-CP-011	3	ALIGNMENT PLAN - 2 OF 9	0
21068-CP-012	4	ALIGNMENT PLAN - 3 OF 9	0
21068-CP-013	5	ALIGNMENT PLAN - 4 OF 9	0
21068-CP-014	6	ALIGNMENT PLAN - 5 OF 9	0
21068-CP-015	7	ALIGNMENT PLAN - 6 OF 9	0
21068-CP-016	8	ALIGNMENT PLAN - 7 OF 9	0
21068-CP-017	9	ALIGNMENT PLAN - 8 OF 9	0
21068-CP-018	10	ALIGNMENT PLAN - 9 OF 9	0

REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021

DRAWING No 21068-CP-005 Rev. 1 Sheet: 1 of 10



COMMUNITY CONSULTATION PLANS  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
SEALING THE HILLS



**PGA** Paroissien Grant & Associates Pty. Ltd.  
Consulting Engineers & Surveyors  
ABN 53 123 888 326

Suite 10, 131 Bulleen Road, Baulwyn North, Victoria 3104  
Phone: (03) 9859 6400 Facsimile: (03) 9859 5022  
Email: paro@pga.net.au Web: www.pga.net.au





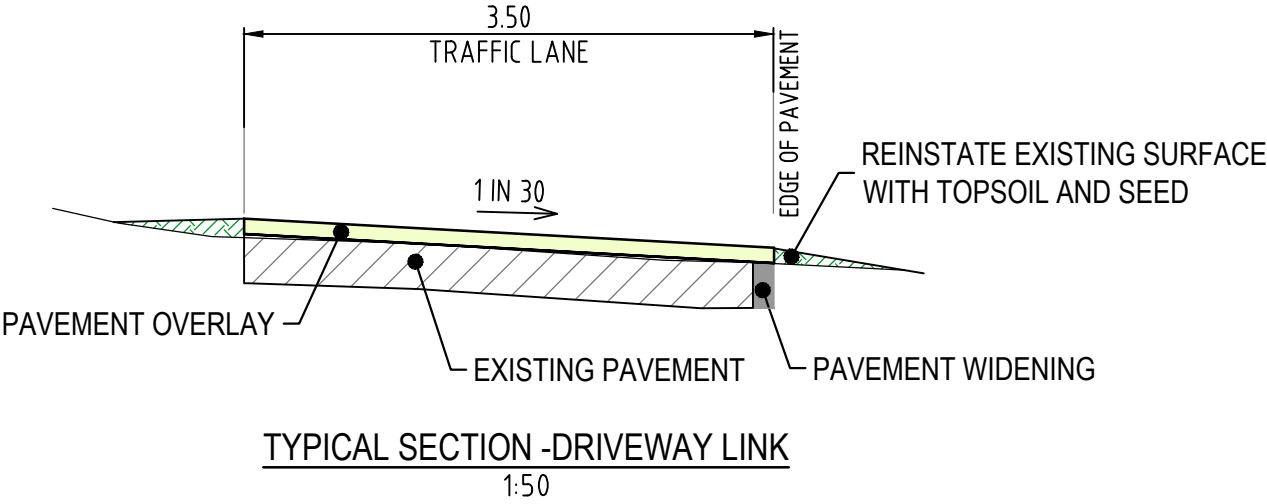


ALIGNMENT PLAN - SHEET 1 OF 9  
1:250 @ A1

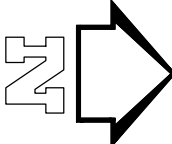
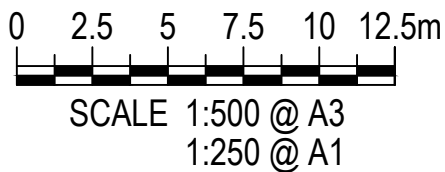
HATCH PATTERN

- 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 FACE 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.



REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021





#### HATCH PATTERN

PROPOSED PAVEMENT

PROPOSED KERB

PROPOSED TABLE DRAIN

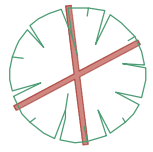
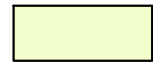
DRIVEWAY LINK

EXISTING VEHICLE CROSSING

EXISTING FOOTPATH

#### LEGEND

TREE IMPACTED BY WORKS

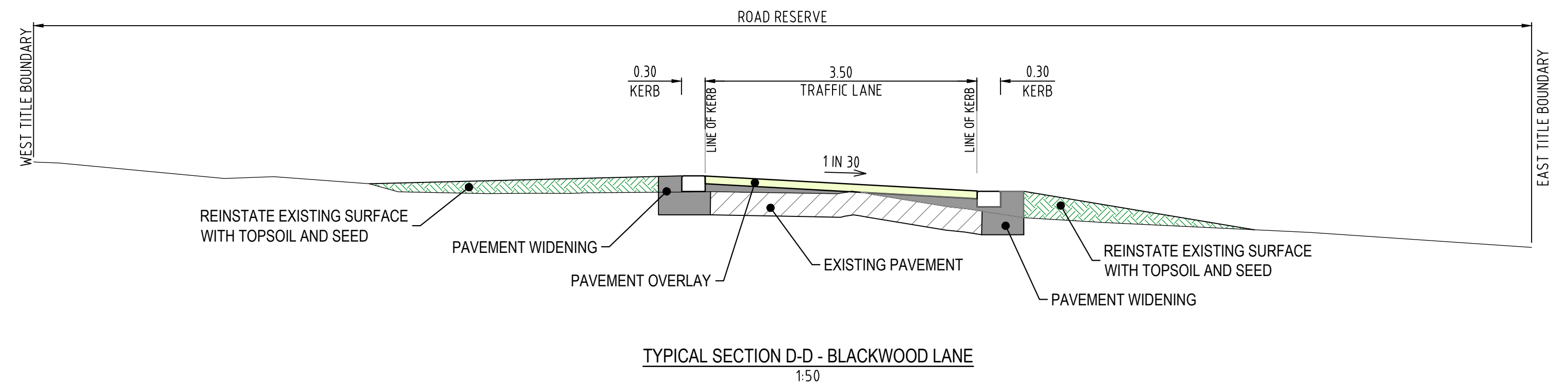


#### ALIGNMENT PLAN - SHEET 2 OF 9

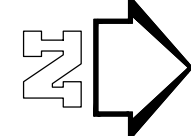
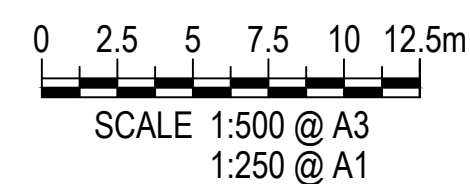
1:250 @ A1

#### NOTE:

1. KERB RETURN RADII SHOWN ARE FROM FACE 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.



REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021



DRAWING No 21068-CP-011 Rev. 1 Sheet: 3 of 10

COMMUNITY CONSULTATION PLANS  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
SEALING THE HILLS



**PGA** Paroissien Grant & Associates Pty. Ltd.  
Consulting Engineers & Surveyors  
ABN 53 123 888 326

Suite 10, 131 Bulleen Road, Baulwyn North, Victoria 3104  
Phone: (03) 9859 6400 Facsimile: (03) 9859 5022  
Email: paro@pga.net.au Web: www.pga.net.au







- NOTE:
- KERB RETURN RADII SHOWN ARE FROM FACE 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.

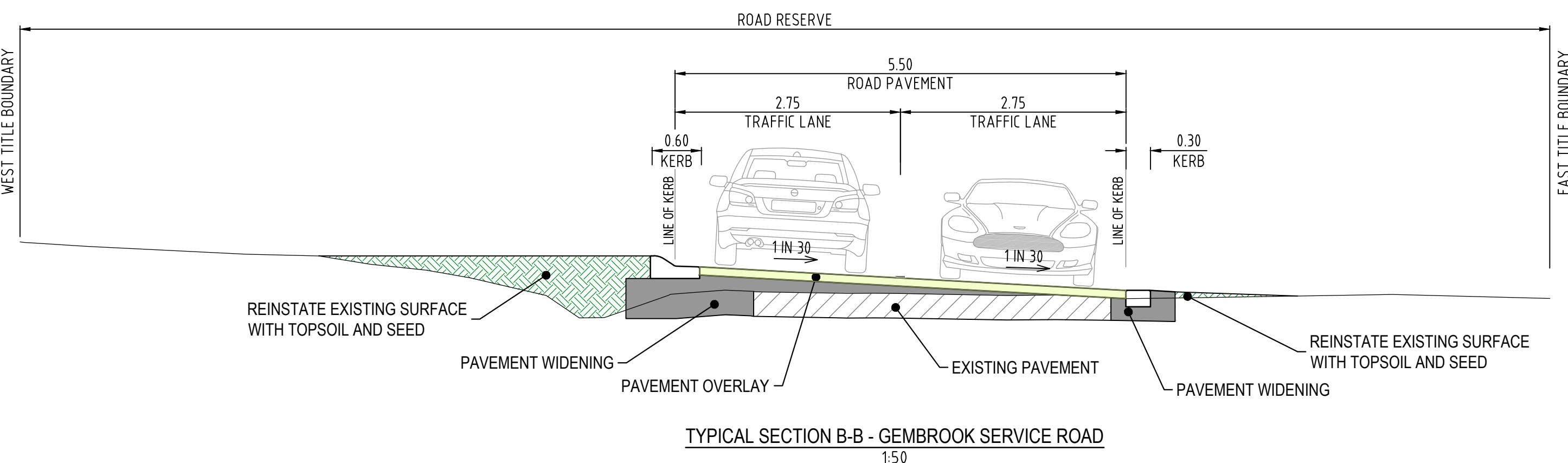
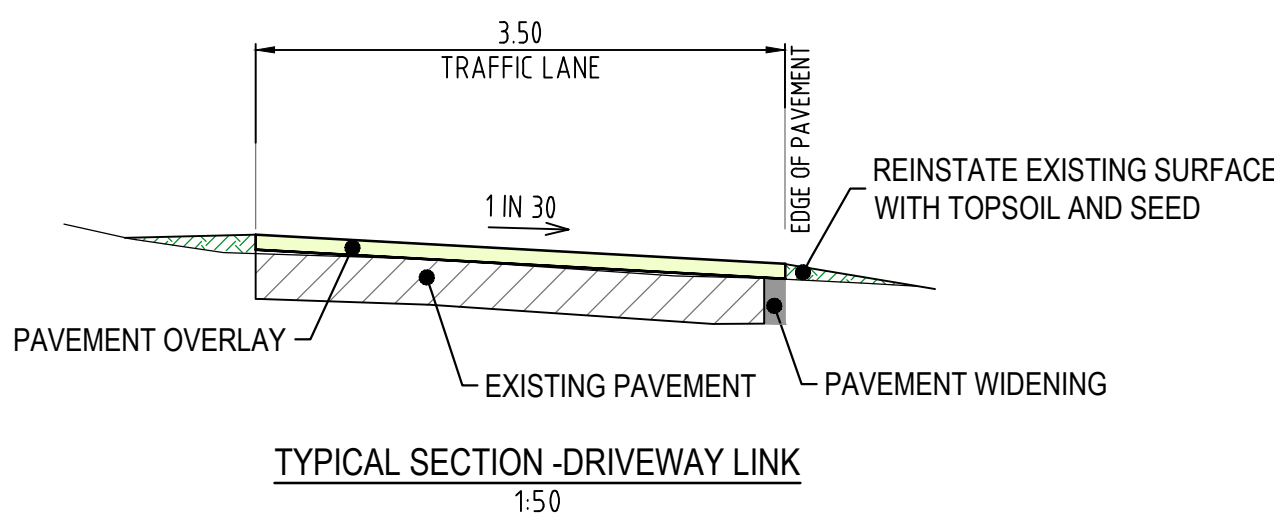
HATCH PATTERN

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

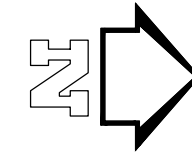
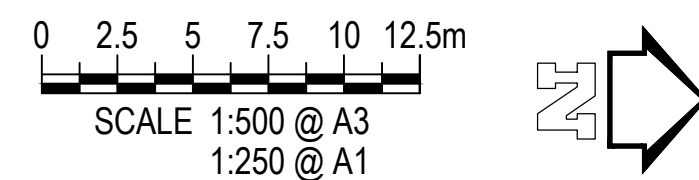
DRAINAGE NOTES:

DRAINAGE PIT & PIPE ALIGNMENT AND OPPORTUNITIES FOR WATER SENSITIVE URBAN DESIGN INITIATIVES TO BE FURTHER INVESTIGATED DURING PRELIMINARY DESIGN PHASE. EXISTING DRAINAGE INFRASTRUCTURE TO BE PROVEN AND HOUSE DRAINS FOR PROPERTIES 1 - 17 ALONG GEMBROOK SERVICE ROAD TO BE CONNECTED TO UNDERGROUND DRAINAGE PIPES.

ALIGNMENT PLAN - SHEET 3 OF 9



REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021



COMMUNITY CONSULTATION PLANS  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
SEALING THE HILLS



**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  
F5521077

PLOT INFO: MICHELLE DAY @ 5:30:32 PM on September 13, 2021

FILE: E:\CARDINIA SHIRE\21068 - PACKAGE 13 SEALING OF DANDENONG RANGES\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT\21068-CP-012.DWG



FOR CONTINUATION REFER TO 21608-CP-012



ALIGNMENT PLAN - SHEET 4 OF 9  
1:250 @ A1

NOTE:

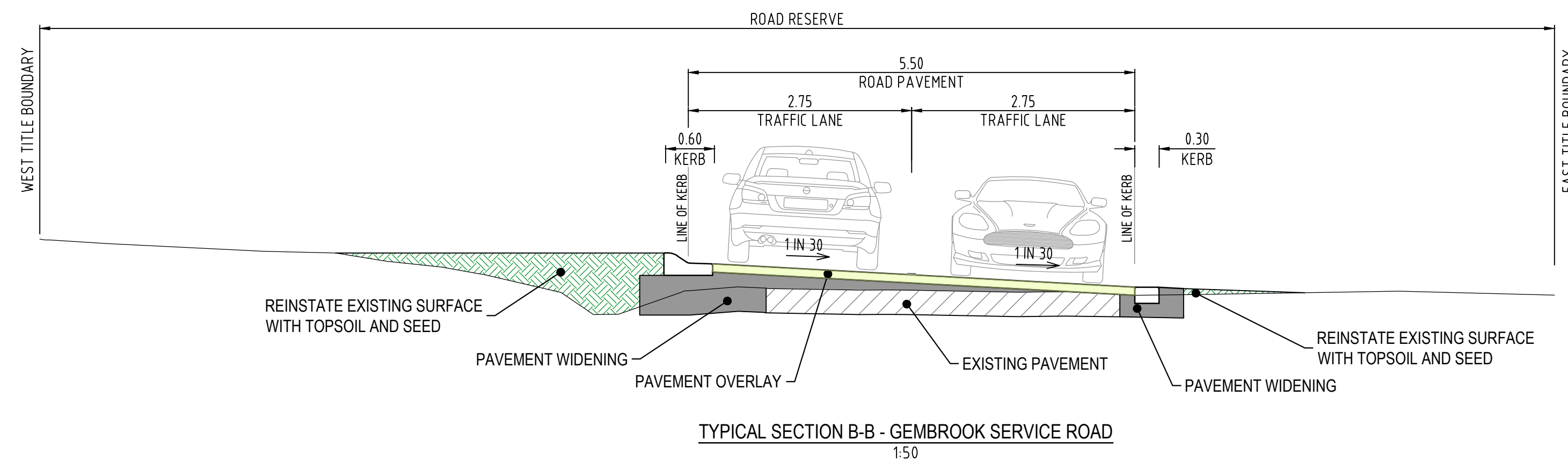
1. KERB RETURN RADII SHOWN ARE FROM FACE OF KERB.
2. ALL EXISTING DRIVEWAYS TO BE REINSTATED TO MATCH NEATLY TO NEW FINISHED SURFACE LEVELS. MATERIAL TYPE TO MATCH EXISTING.
3. DISTURBED NATURE STRIPS TO BE REINSTATED WITH TOPSOIL & GRASS SEED.

DRAINAGE NOTES:

DRAINAGE PIT & PIPE ALIGNMENT AND OPPORTUNITIES FOR WATER SENSITIVE URBAN DESIGN INITIATIVES TO BE FURTHER INVESTIGATED DURING PRELIMINARY DESIGN PHASE. EXISTING DRAINAGE INFRASTRUCTURE TO BE PROVEN AND HOUSE DRAINS FOR PROPERTIES 1 - 17 ALONG GEMBROOK SERVICE ROAD TO BE CONNECTED TO UNDERGROUND DRAINAGE PIPES.

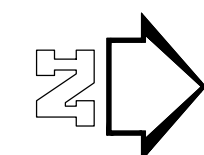
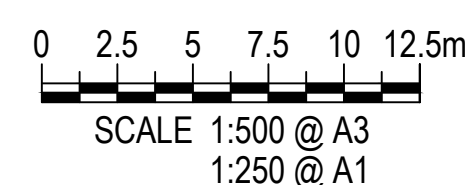
HATCH PATTERN

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



TYPICAL SECTION B-B - GEMBROOK SERVICE ROAD  
1:50

REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021



DRAWING No 21068-CP-013 Rev. 1 Sheet: 5 of 10

FILE: E:\CARDINIA SHIRE\21068 - PACKAGE 13 SEALING OF DANDENONG RANGES\1.DRAWINGS\2.2D CAD (DWG)\3.CURRENT\21068-CP-013.DWG

COMMUNITY CONSULTATION PLANS  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
SEALING THE HILLS

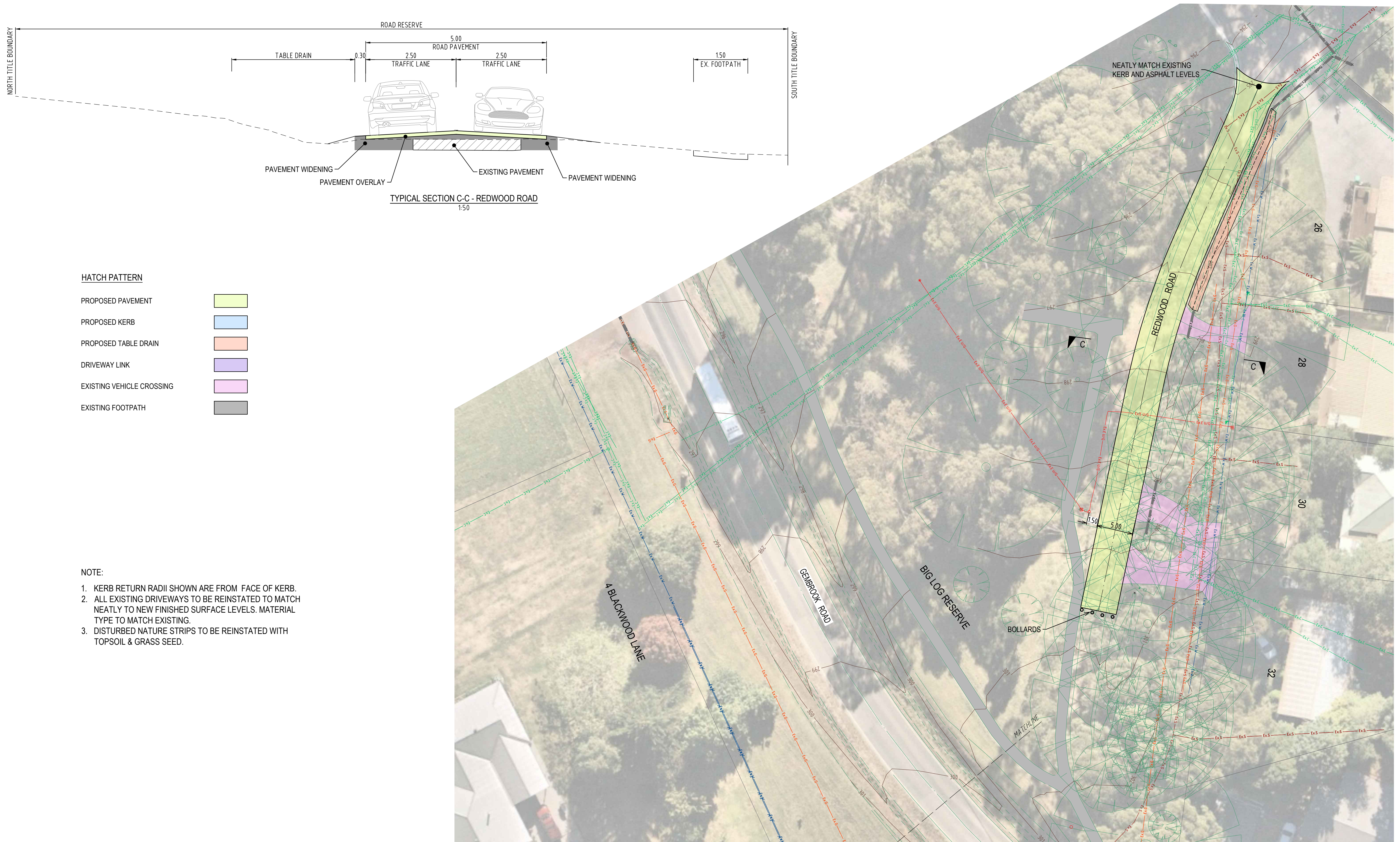


**PGA** Paroissien Grant & Associates Pty. Ltd.  
Consulting Engineers & Surveyors  
ABN 53 123 888 326

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



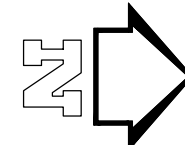
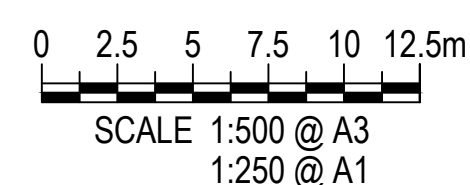




FOR CONTINUATION REFER TO 21068-CP-012

ALIGNMENT PLAN - SHEET 5 OF 9  
1:250 @ A1

REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021



DRAWING No 21068-CP-014 Rev. 1 Sheet: 6 of 10

COMMUNITY CONSULTATION PLANS  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
SEALING THE HILLS



**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





- NOTE:
1. KERB RETURN RADII SHOWN ARE FROM FACE 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.

HATCH PATTERN

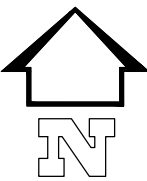
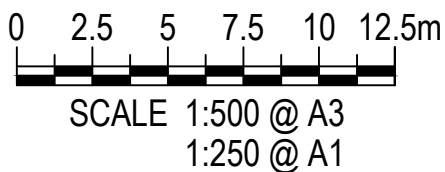
PROPOSED PAVEMENT	
PROPOSED KERB	
PROPOSED TABLE DRAIN	
DRIVEWAY LINK	
EXISTING VEHICLE CROSSING	
EXISTING FOOTPATH	



ALIGNMENT PLAN - SHEET 6 OF 9  
1:250 @ A1

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.  
NEW DRAINAGE PIT AND PIPE NETWORK TO BE DESIGNED DURING PRELIMINARY DESIGN PHASE.  
ALL EXISTING HOUSE DRAINS TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021



COMMUNITY CONSULTATION PLANS  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
SEALING THE HILLS



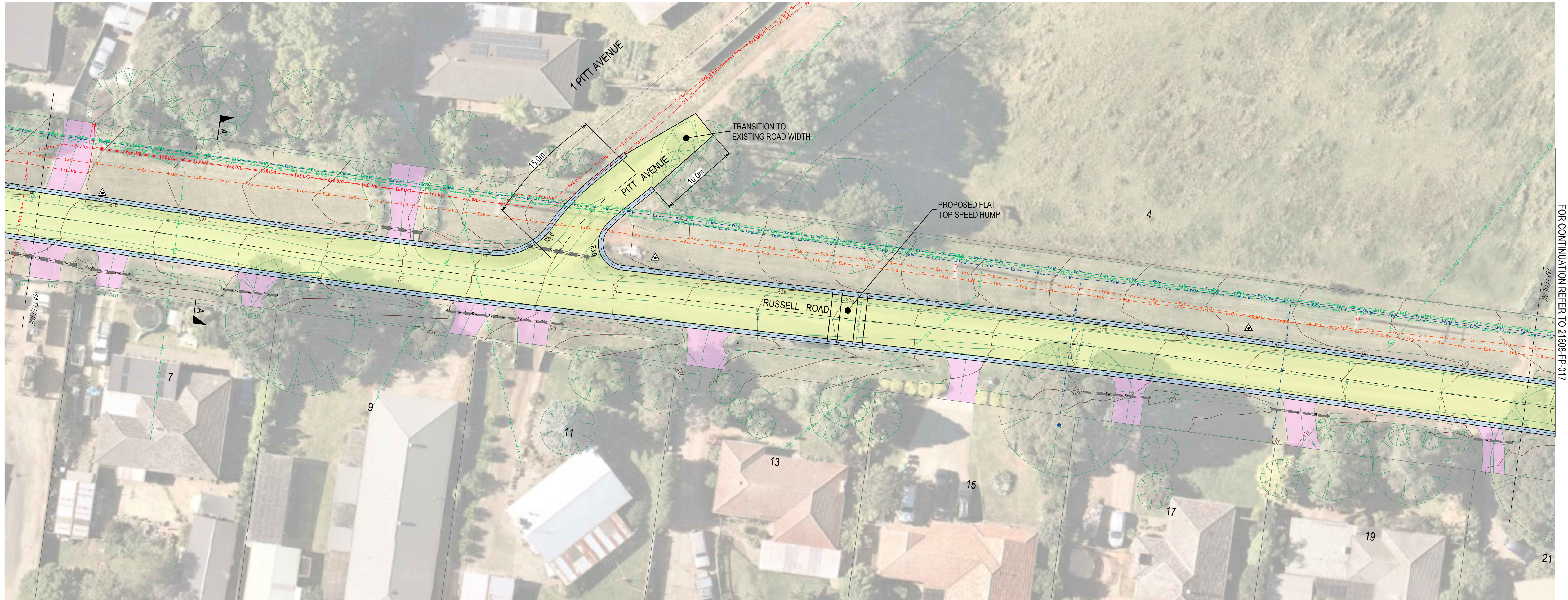
**PGA** Paroissien Grant & Associates Pty. Ltd.  
Consulting Engineers & Surveyors  
ABN 53 123 888 326

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



FOR CONTINUATION REFER TO 21608-CP-015



FOR CONTINUATION REFER TO 21608-FP-017

ALIGNMENT PLAN - SHEET 7 OF 9  
1:250 @ A1

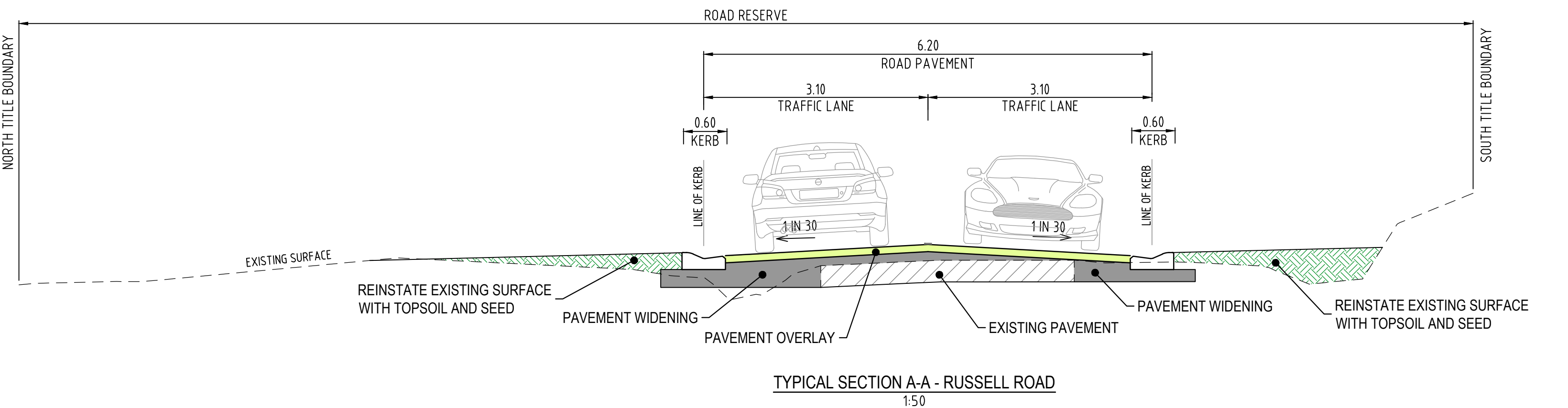
HATCH PATTERN

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

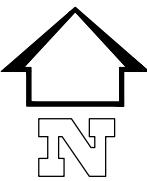
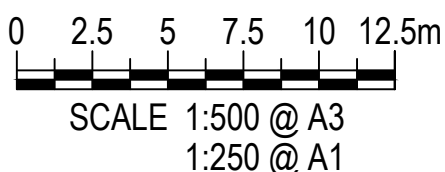
EXISTING DRAINAGE PIPES UNDER DRIVEWAYS TO BE ABANDONED AND GROUT FILLED.  
DRAINAGE PIPES TO BE REMOVED AND REPLACED IF IMPACTED BY EXTENT OF ROAD WIDENING.  
NEW DRAINAGE PIT AND PIPE NETWORK TO BE DESIGNED DURING PRELIMINARY DESIGN PHASE.  
ALL EXISTING HOUSE DRAINS TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

NOTE:

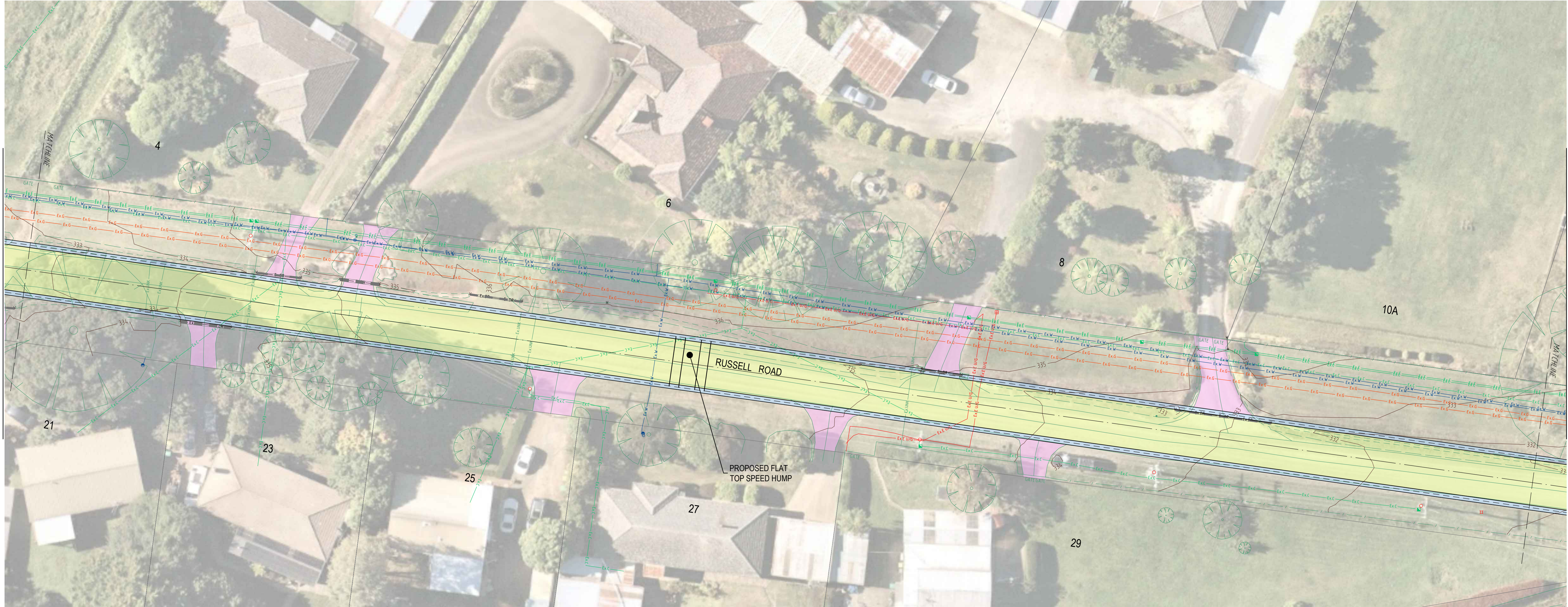
- KERB RETURN RADII SHOWN ARE FROM FACE OF KERB.
- ALL EXISTING DRIVEWAYS TO BE REINSTATED TO MATCH NEATLY TO NEW FINISHED SURFACE LEVELS. MATERIAL TYPE TO MATCH EXISTING.
- DISTURBED NATURE STRIPS TO BE REINSTATED WITH TOPSOIL & GRASS SEED.



REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021







FOR CONTINUATION REFER TO 21608-CP-016

FOR CONTINUATION REFER TO 21608-CP-018

ALIGNMENT PLAN - SHEET 8 OF 9  
1:250 @ A1

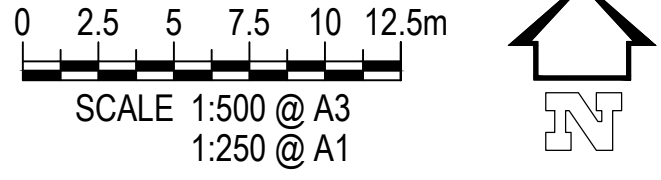
HATCH PATTERN

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

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.  
NEW DRAINAGE PIT AND PIPE NETWORK TO BE DESIGNED DURING PRELIMINARY DESIGN PHASE.  
ALL EXISTING HOUSE DRAINS TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

- NOTE:
- 1. KERB RETURN RADII SHOWN ARE FROM FACE 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.

REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021



Peroissien Grant & Associates Pty. Ltd.  
Consulting Engineers & Surveyors  
ABN 53 123 888 326

ISO 9001  
Quality Management  
FS521077

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

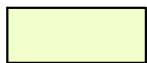




ALIGNMENT PLAN - SHEET 9 OF 9  
1:250 @ A1

HATCH PATTERN

PROPOSED PAVEMENT



PROPOSED KERB



PROPOSED TABLE DRAIN



DRIVEWAY LINK



EXISTING VEHICLE CROSSING



EXISTING FOOTPATH



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.  
NEW DRAINAGE PIT AND PIPE NETWORK TO BE DESIGNED DURING PRELIMINARY DESIGN PHASE.  
ALL EXISTING HOUSE DRAINS TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

NOTE:

1. KERB RETURN RADII SHOWN ARE FROM FACE 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.

REV	DESCRIPTION	DATE
1	ISSUED FOR COMMUNITY CONSULTATION	13.09.2021

