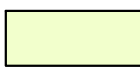

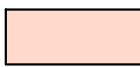



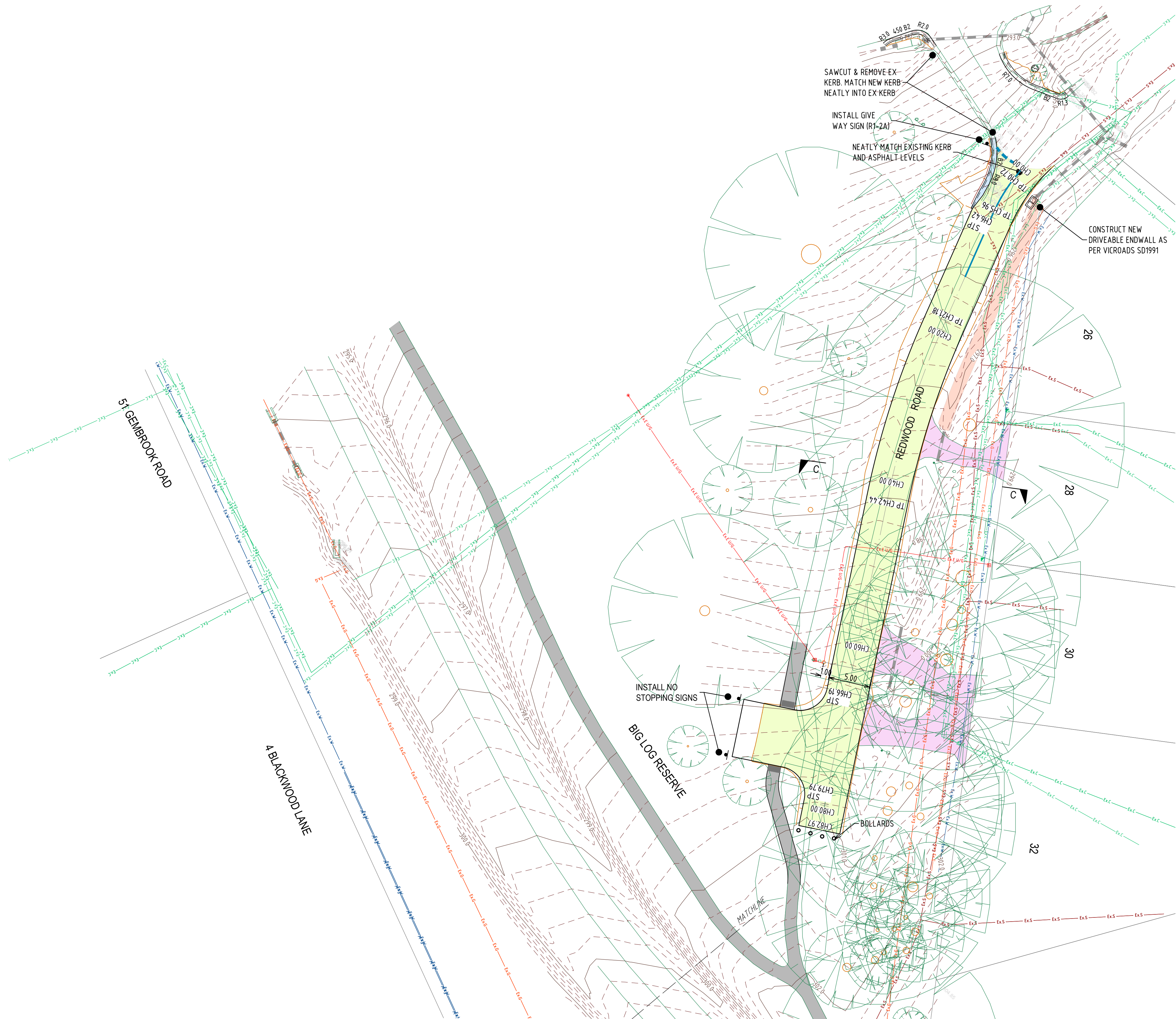


#### HATCH PATTERN

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

#### NOTE:

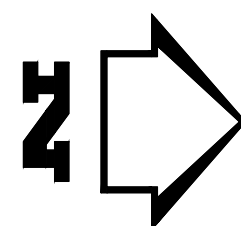
1. KERB RETURN RADII SHOWN ARE FROM LIP OF KERB.
2. ALL EXISTING DRIVEWAYS TO BE REINSTATED TO MATCH NEATLY TO NEW FINISHED SURFACE LEVELS. MATERIAL TYPE TO MATCH EXISTING.
3. DISTURBED NATURE STRIPS TO BE REINSTATED WITH TOPSOIL & GRASS SEED.



FOR CONTINUATION REFER TO 21068-020

TENDER ISSUE  
NOT FOR CONSTRUCTION

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
1	ISSUED FOR TENDER	J.W	-	M.D	05.09.2022
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 Facsimile: (03) 9859 5022  
Email: paro@pga.net.au Web: www.pga.net.au



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

LAYOUT PLAN - REDWOOD ROAD

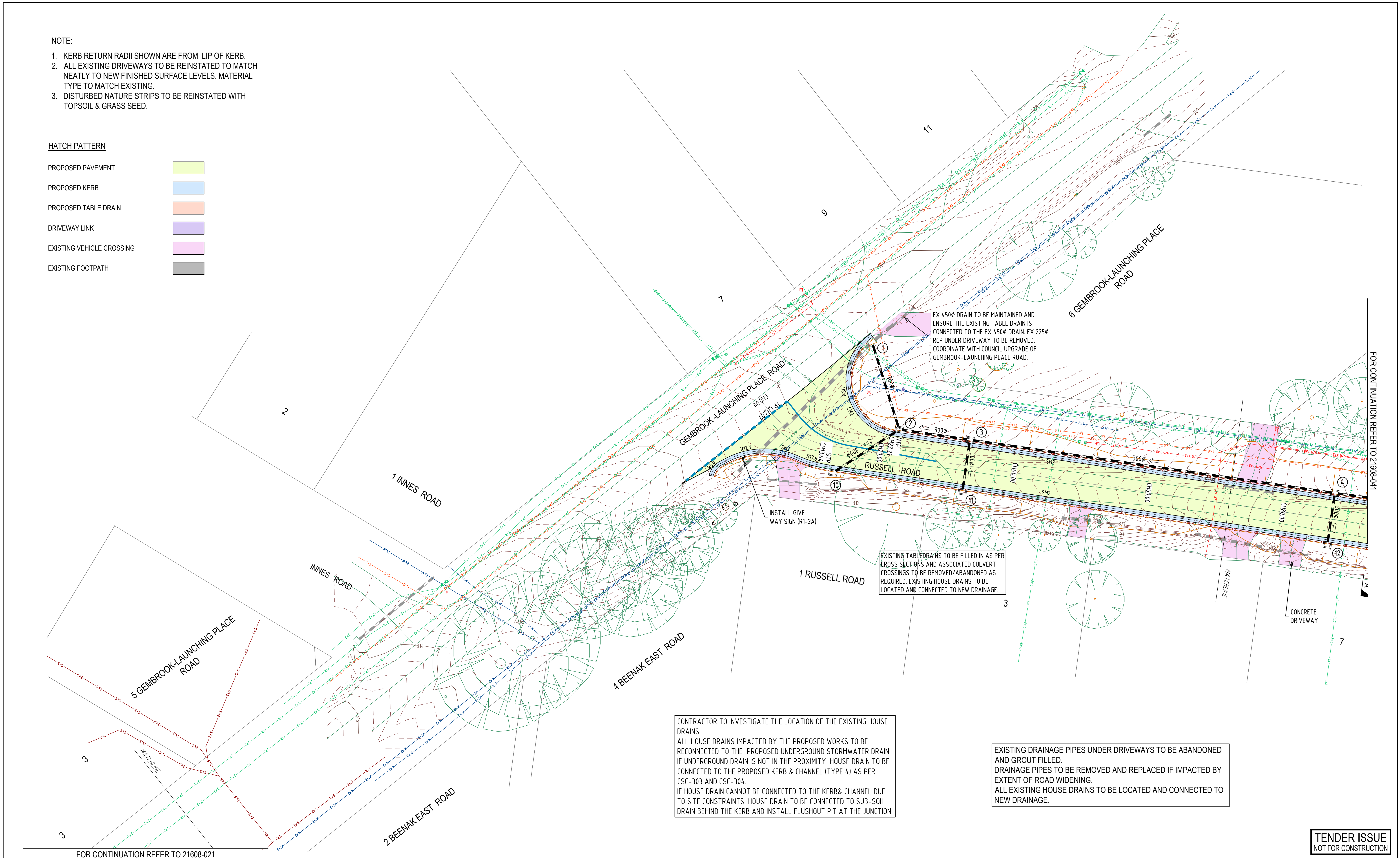
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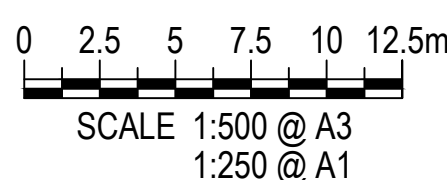
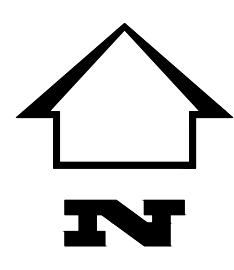
- NOTE:
- 1. KERB RETURN RADII SHOWN ARE FROM LIP OF KERB.
  - 2. ALL EXISTING DRIVEWAYS TO BE REINSTATED TO MATCH NEATLY TO NEW FINISHED SURFACE LEVELS. MATERIAL TYPE TO MATCH EXISTING.
  - 3. DISTURBED NATURE STRIPS TO BE REINSTATED WITH TOPSOIL & GRASS SEED.

HATCH PATTERN

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



REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
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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:	-

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Consulting Engineers & Surveyors

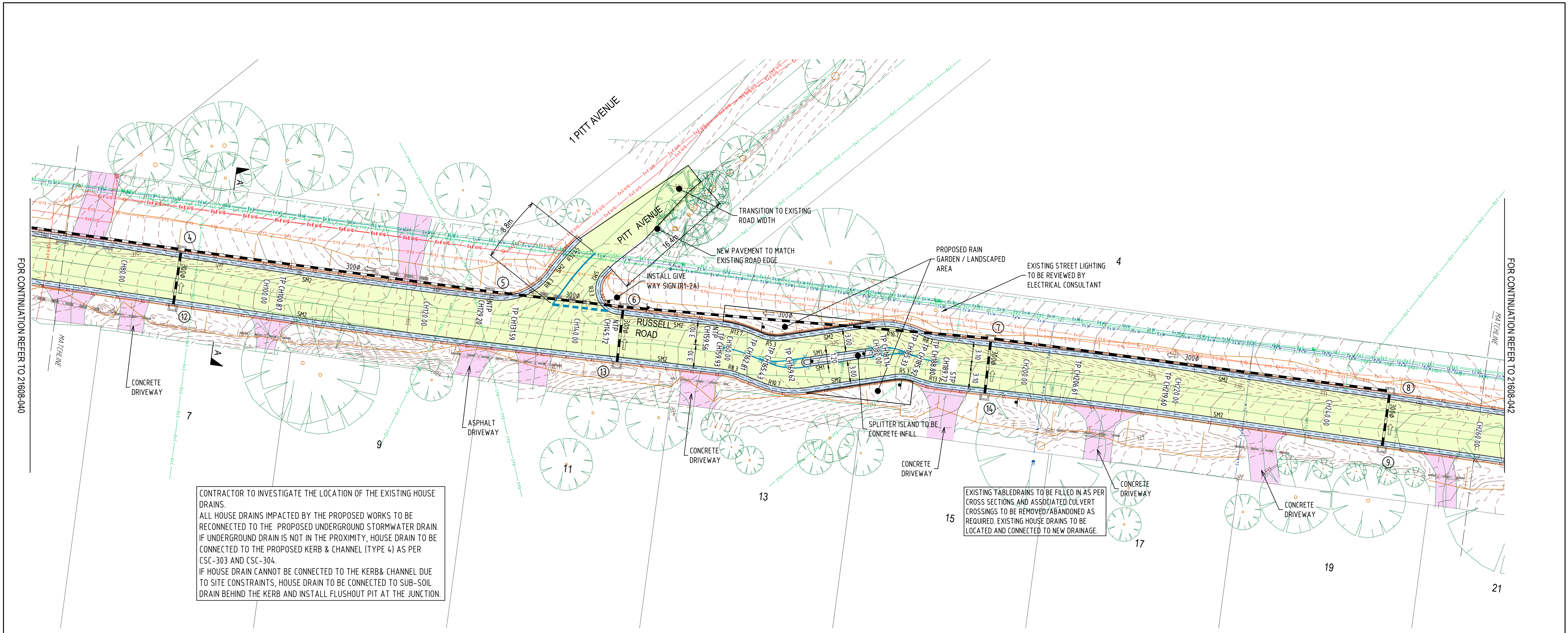
Suite 10, 131 Bulleen Road, Balwyn North, Victoria 3104  
Phone: (03) 9859 6400  
Email: paro@pga.net.au

Web: www.pga.net.au

SEALING THE HILLS - PACKAGE 13 RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK CARDINIA SHIRE COUNCIL LAYOUT PLAN - RUSSELL ROAD SHEET 1 OF 4			
SCALE @ A1:	1:250	DRAWING No:	21068 - 040
		REV:	1

TENDER ISSUE  
NOT FOR CONSTRUCTION



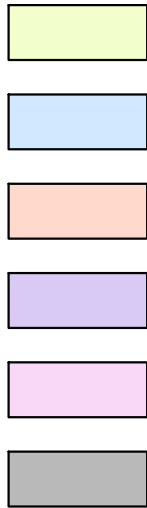


CONTRACTOR TO INVESTIGATE THE LOCATION OF THE EXISTING HOUSE DRAINS.  
ALL HOUSE DRAINS IMPACTED BY THE PROPOSED WORKS TO BE RECONNECTED TO THE PROPOSED UNDERGROUND STORMWATER DRAIN.  
IF UNDERGROUND DRAIN IS NOT IN THE PROXIMITY, HOUSE DRAIN TO BE CONNECTED TO THE PROPOSED KERB & CHANNEL (TYPE 4) AS PER CSC-303 AND CSC-304.  
IF HOUSE DRAIN CANNOT BE CONNECTED TO THE KERB& CHANNEL DUE TO SITE CONSTRAINTS, HOUSE DRAIN TO BE CONNECTED TO SUB-SOIL DRAIN BEHIND THE KERB AND INSTALL FLUSHOUT PIT AT THE JUNCTION.

EXISTING TABLEDRAINS TO BE FILLED IN AS PER CROSS SECTIONS AND ASSOCIATED CULVERT CROSSINGS TO BE REMOVED/ABANDONED AS REQUIRED. EXISTING HOUSE DRAINS TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

HATCH PATTERN

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

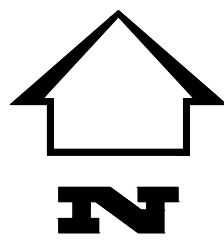


EXISTING DRAINAGE PIPES UNDER DRIVEWAYS TO BE ABANDONED AND GROUT FILLED.  
DRAINAGE PIPES TO BE REMOVED AND REPLACED IF IMPACTED BY EXTENT OF ROAD WIDENING.  
ALL EXISTING HOUSE DRAINS TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

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.

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
1	ISSUED FOR TENDER	J.W	-	M.D	05.09.2022
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



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DESIGN BY:	J. WILSON
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APPROVED FOR CONSTRUCTION BY:	-
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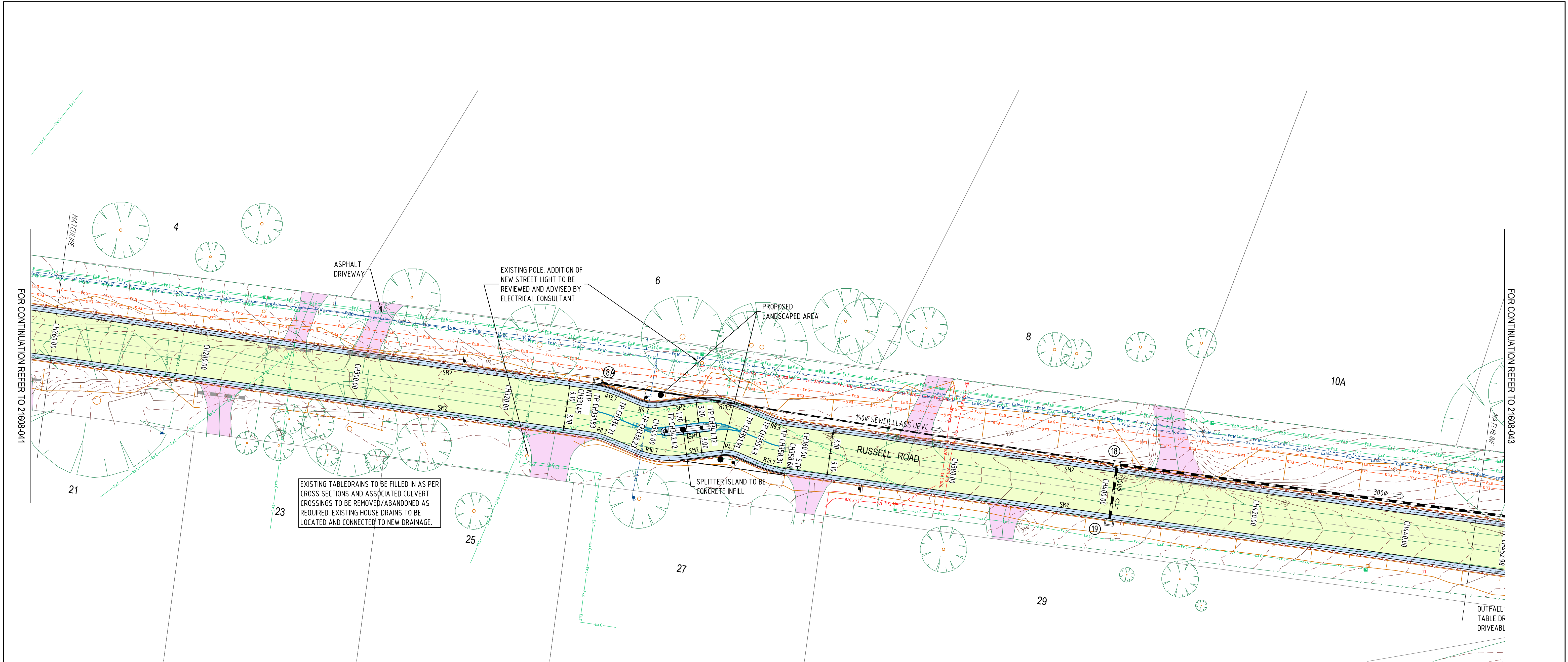


SEALING THE HILLS - PACKAGE 13  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
CARDINIA SHIRE COUNCIL  
LAYOUT PLAN - RUSSELL ROAD  
SHEET 2 OF 4

SCALE @ A1:	1:250	DRAWING No.:	21068 - 041	REV:	1
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TENDER ISSUE  
NOT FOR CONSTRUCTION



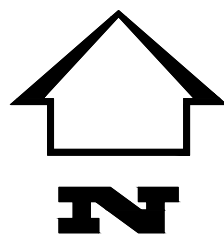


- HATCH PATTERN**
- PROPOSED PAVEMENT
  - PROPOSED KERB
  - PROPOSED TABLE DRAIN
  - DRIVEWAY LINK
  - EXISTING VEHICLE CROSSING
  - EXISTING FOOTPATH
- NOTE:**
- KERB RETURN RADII SHOWN ARE FROM LIP OF KERB.
  - ALL EXISTING DRIVEWAYS TO BE REINSTATED TO MATCH NEATLY TO NEW FINISHED SURFACE LEVELS. MATERIAL TYPE TO MATCH EXISTING.
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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.  
ALL EXISTING HOUSE DRAINS TO BE LOCATED AND CONNECTED TO NEW DRAINAGE.

CONTRACTOR TO INVESTIGATE THE LOCATION OF THE EXISTING HOUSE DRAINS.  
ALL HOUSE DRAINS IMPACTED BY THE PROPOSED WORKS TO BE RECONNECTED TO THE PROPOSED UNDERGROUND STORMWATER DRAIN.  
IF UNDERGROUND DRAIN IS NOT IN THE PROXIMITY, HOUSE DRAIN TO BE CONNECTED TO THE PROPOSED KERB & CHANNEL (TYPE 4) AS PER CSC-303 AND CSC-304.  
IF HOUSE DRAIN CANNOT BE CONNECTED TO THE KERB & CHANNEL DUE TO SITE CONSTRAINTS, HOUSE DRAIN TO BE CONNECTED TO SUB-SOIL DRAIN BEHIND THE KERB AND INSTALL FLUSHOUT PIT AT THE JUNCTION.

REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
1	ISSUED FOR TENDER	J.W	-	M.D	05.09.2022
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:	-



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SEALING THE HILLS - PACKAGE 13  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
CARDINIA SHIRE COUNCIL  
LAYOUT PLAN - RUSSELL ROAD  
SHEET 3 OF 4

SCALE @ A1: 1:250

DRAWING No.: 21068 - 042

REV: 1

TENDER ISSUE  
NOT FOR CONSTRUCTION



10



PROPOSED PAVEMENT

PROPOSED KERB

### PROPOSED TABLE DRAIN

DRIVEWAY LINK

EXISTING VEHICLE CROSSING

EXISTING FOOTPATH

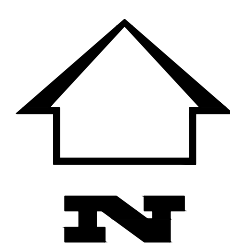
NOTE:

1. KERB RETURN RADII SHOWN ARE FROM LIP OF KERB.
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REV	DESCRIPTION	CHECKED	APPROVED	DRAFTED	DATE
1	ISSUED FOR TENDER	JW	-	MD	05.09.2022
0	PRELIMINARY ISSUE - NOT FOR CONSTRUCTION	JW	-	MD	15.06.2022



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



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SEALING THE HILLS - PACKAGE 13  
RUSSELL-BLACKWOOD CATCHMENT - GEMBROOK  
CARDINIA SHIRE COUNCIL  
LAYOUT PLAN - RUSSELL ROAD  
SHEET 4 OF 4

SCALE @ A1:

1:250

DRAWING No.:
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No.: 21068 - 043

REV:	
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NOT FOR CONSTRUCTION