



- NOTES
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 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
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LEGEND

---	EX BDY
---	PROP BDY
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---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
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---	K&N
---	WS
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	EX STREET LIGHT
---	PR / EX STREET SIGN
---	PR ROAD NAME SIGN
---	EX ROAD NAME SIGN
---	TACTILE PAVERS
---	EX STREET TREE
---	EX FOOTPATH
---	PR FOOTPATH
---	EX PAVEMENT
---	PR PAVEMENT

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked	DJM		08/2026



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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED HARROGATE
ROADING TIE IN
OVERVIEW PLAN**

Project no.	119014		
Scale	1:2000 @ A3		
Cad file	119014-C330-RD-TIE-IN.DWG		
Drawing no.	C330	Rev	A

RESOURCE CONSENT

DATE: 8/2/26 FILE PATH: F:\MVEN\HAMTON6 PROJECTS\119014 - BRYMER FARMS\7 DRAWING\119014-C330-RD-TIE-IN.DWG



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A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
1	Survey	MAVEN	10/2025
2	Design	TCH	10/2025
3	Drawn	BY	10/2025
4	Checked	DJM	08/2026



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED HARROGATE
ROADING TIE IN
PLAN**

Project no.	119014
Scale	1:500 @ A3
Cad file	119014-C330-RD-TIE-IN.DWG
Drawing no.	C330-1
Rev	A



D
C340-4

G
C340-7

E
C340-5

RESOURCE CONSENT

DATE: 8/21/26 FILE PATH: F:\MVEN\HAMTON6 PROJECTS\119014-BRYMER FARMS\7 DRAWING\119014-C330-RD-TIE-IN.DWG

Lot 30
DPS 79524

Lot 25
DPS 79526

Lot 16
DPS 79525

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Title
**PROPOSED HARROGATE
ROADING TIE IN
PLAN**

Project no.	119014
Scale	1:500 @ A3
Cad file	119014-C330-RD-TIE-IN.DWG
Drawing no.	C330-2
Rev	A



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Drawn	BY		10/2025
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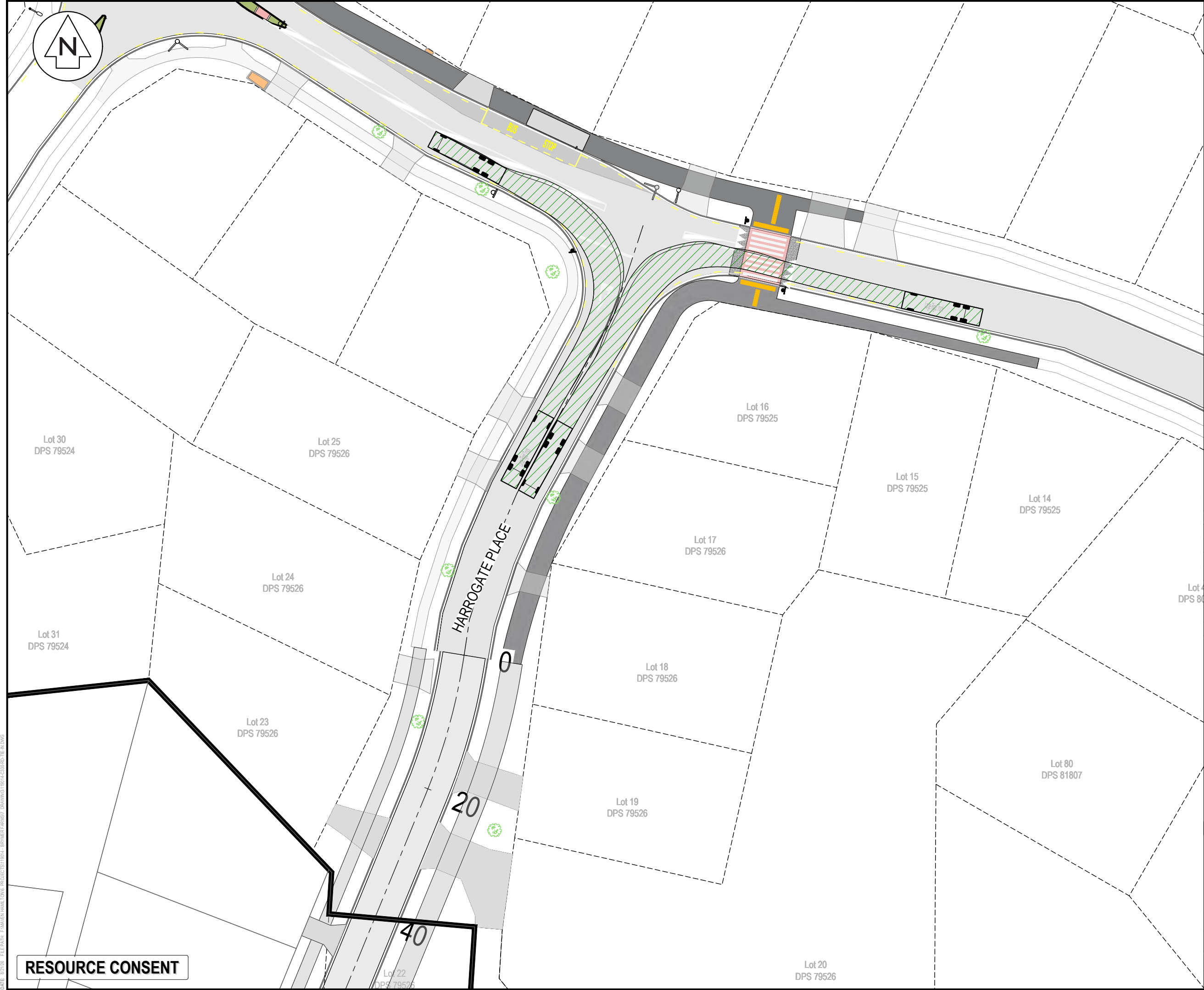


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Title
**PROPOSED HARROGATE
ROADING TIE IN
PLAN**

Project no.	119014		
Scale	1:500 @ A3		
Cad file	119014-C330-RD-TIE-IN.DWG		
Drawing no.	C330-3	Rev	A



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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED HARROGATE
ROADING 11.5m RIDGED
TRUCK TRACKING PLAN**

Project no.	119014
Scale	1:500 @ A3
Cad file	119014-C330-RD-TIE-IN.DWG
Drawing no.	C330-4
Rev	A

RESOURCE CONSENT



NOTES

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Project

**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title

**PROPOSED BRYMER
ROAD TIE IN
OVERVIEW PLAN**

Project no.	119014		
Scale	1:2000 @ A3		
Cad file	119014-C330-RD-TIE-IN.DWG		
Drawing no.	C331	Rev	A

DATE: 8/2/26 FILE PATH: F:\MVEN\HAMILTON\6. PROJECTS\119014 - BRYMER FARMS\7. DRAWING\119014-C330-RD-TIE-IN.DWG



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A	FAST TRACK	AJP	08/2026
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Project
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Title
**PROPOSED BRYMER
ROAD TIE IN
OVERVIEW PLAN**

Project no.	119014		
Scale	1:500 @ A3		
Cad file	119014-C330-RD-TIE-IN.DWG		
Drawing no.	C331-1	Rev	A

MOTSAM - URBAN - RTB

TRIPLE BLADED STREET SIGN

EXISTING PAVEMENT TO BE RETAINED

EXISTING PEDESTRIAN ISLAND TO
BE REMOVED AND RE INSTATED
TO NEW PROPOSED LOCATION

PROPOSED FOOT PATH TO TIE
INTO EXISTING FOOTPATH

END OF PROPOSED
PAVEMENT KEY INTO
EXISTING PAVEMENT

Lot 4
DP 419856

Lot 2
DP 419856

Lot 1
DP 419856

Lot 503
DP 337524

Lot 111
DP 337524

Lot 68
DPS 79527

Lot 59
DPS 79527

RESOURCE CONSENT



- NOTES
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Project
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FOR
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LIMITED**

Title
**PROPOSED HARROGATE
ROAD 11.5m TRUCK
NORTH TRACKING PLAN**

Project no.	119014		
Scale	1:500 @ A3		
Cad file	119014-C330-RD-TIE-IN.DWG		
Drawing no.	C331-2	Rev	A

RESOURCE CONSENT



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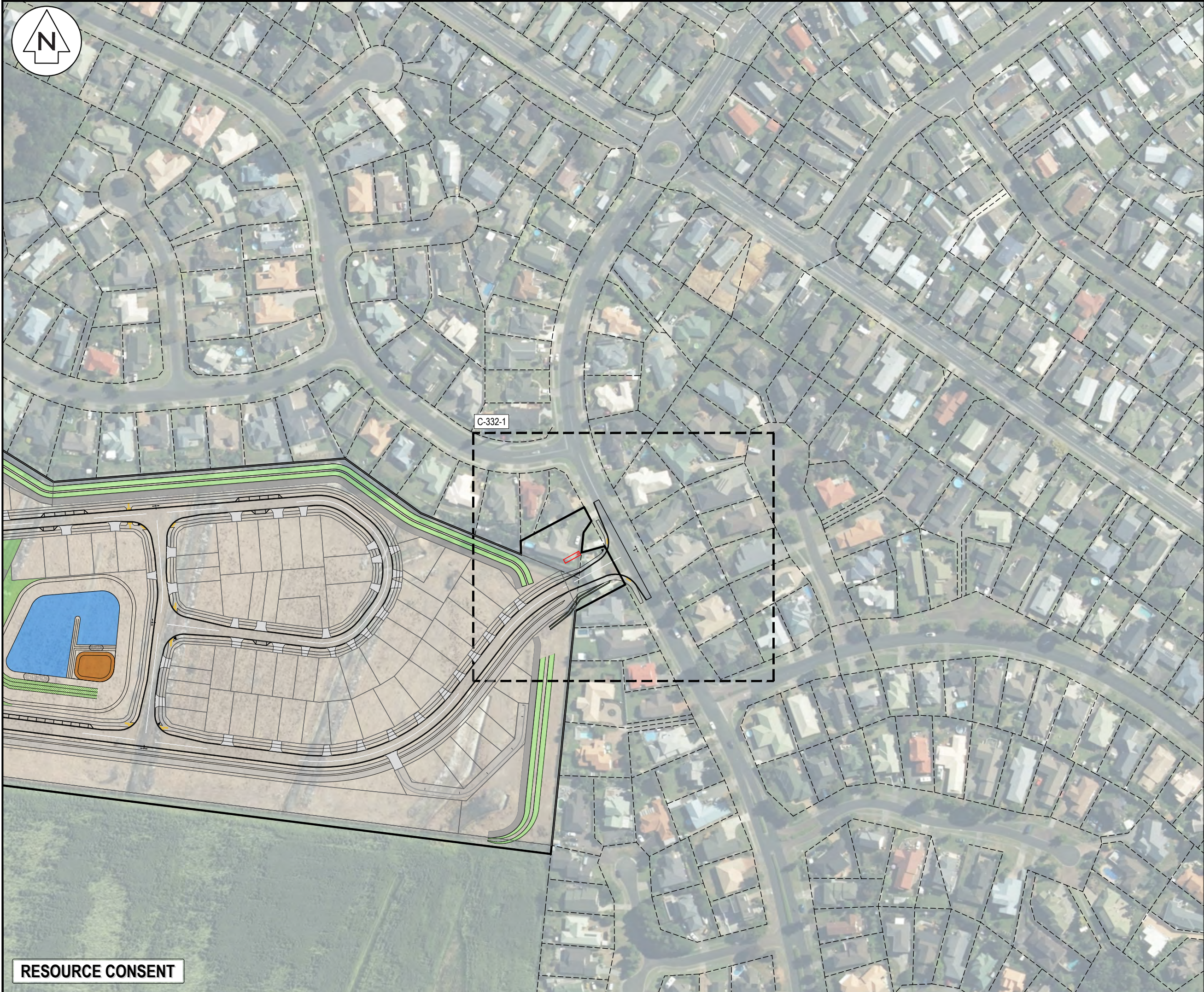
New Zealand

Project
**BRYMER FARMS
FOR
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LIMITED**

Title
**PROPOSED HARROGATE
ROAD 11.5m TRUCK
SOUTH TRACKING PLAN**

Project no.	119014		
Scale	1:500 @ A3		
Cad file	119014-C330-RD-TIE-IN.DWG		
Drawing no.	C331-3	Rev	A

RESOURCE CONSENT



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Title

**PROPOSED GRANDVIEW
ROAD TIE IN
OVERVIEW PLAN**

Project no.	119014		
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3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M. BOUNDARIES ARE SUBJECT TO FINAL SURVEY
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8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

---	EX BDY
---	PROP BDY
---	EX SW DRAIN
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	K&C
---	K&N
---	WHEEL STOP
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	EX STREET LIGHT
---	PR / EX STREET SIGN
---	PR ROAD NAME SIGN
---	EX ROAD NAME SIGN
---	TACTILE PAVERS
---	EX STREET TREE
---	EX FOOTPATH
---	PR FOOTPATH
---	EX PAVEMENT
---	PR PAVEMENT

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked	DJM		08/2026

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Project

**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title

**PROPOSED GRANDVIEW
ROAD TIE IN
OVERVIEW PLAN**

Project no.	119014		
Scale	1:500 @ A3		
Cad file	119014-C330-RD-TIE-IN.DWG		
Drawing no.	C332-1	Rev	A

DATE: 8/21/26 FILE PATH: F:\MAVEN\HAMILTON\6 PROJECTS\119014 - BRYMER FARMS\7 DRAWING\119014-C330-RD-TIE-IN.DWG

RESOURCE CONSENT



AYRSHIRE DRIVE

Lot 2
DPS 70205

PROPOSED FOOT PATH TO TIE
INTO EXISTING FOOTPATH
Lot 1
DPS 70205

Lot 11
DPS 67823

Lot 9
DPS 67823

Lot 255
DPS 59874

PROPOSED TRIPLE BLADE STREET SIGN

TIE INTO EXISTING
PAVEMENT

Lot 44
DPS 59874

PROPOSED FOOT PATH TO TIE
INTO EXISTING FOOTPATH

Lot 45
DPS 59874

Lot 46
DPS 59874

GRANDVIEW ROAD

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

---	EX BDY
---	PROP BDY
---	EX SW DRAIN
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	K&C
---	K&N
---	WS
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	EX STREET LIGHT
---	PR / EX STREET SIGN
---	PR ROAD NAME SIGN
---	EX ROAD NAME SIGN
---	TACTILE PAVERS
---	EX STREET TREE
---	EX FOOTPATH
---	PR FOOTPATH
---	EX PAVEMENT
---	PR PAVEMENT

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN	10/2025	
Design	TCH	10/2025	
Drawn	AJP	10/2025	
Checked	DJM	08/2026	



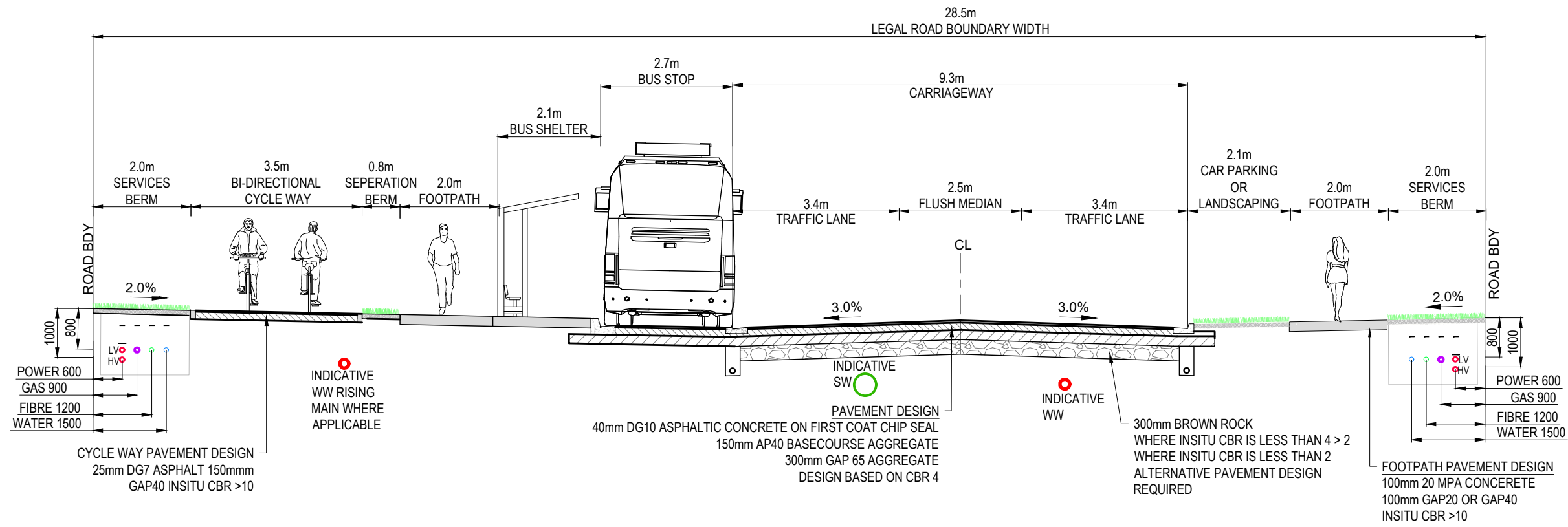
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED GRANDVIEW
ROAD 19.0m TRUCK
TRACKING PLAN**

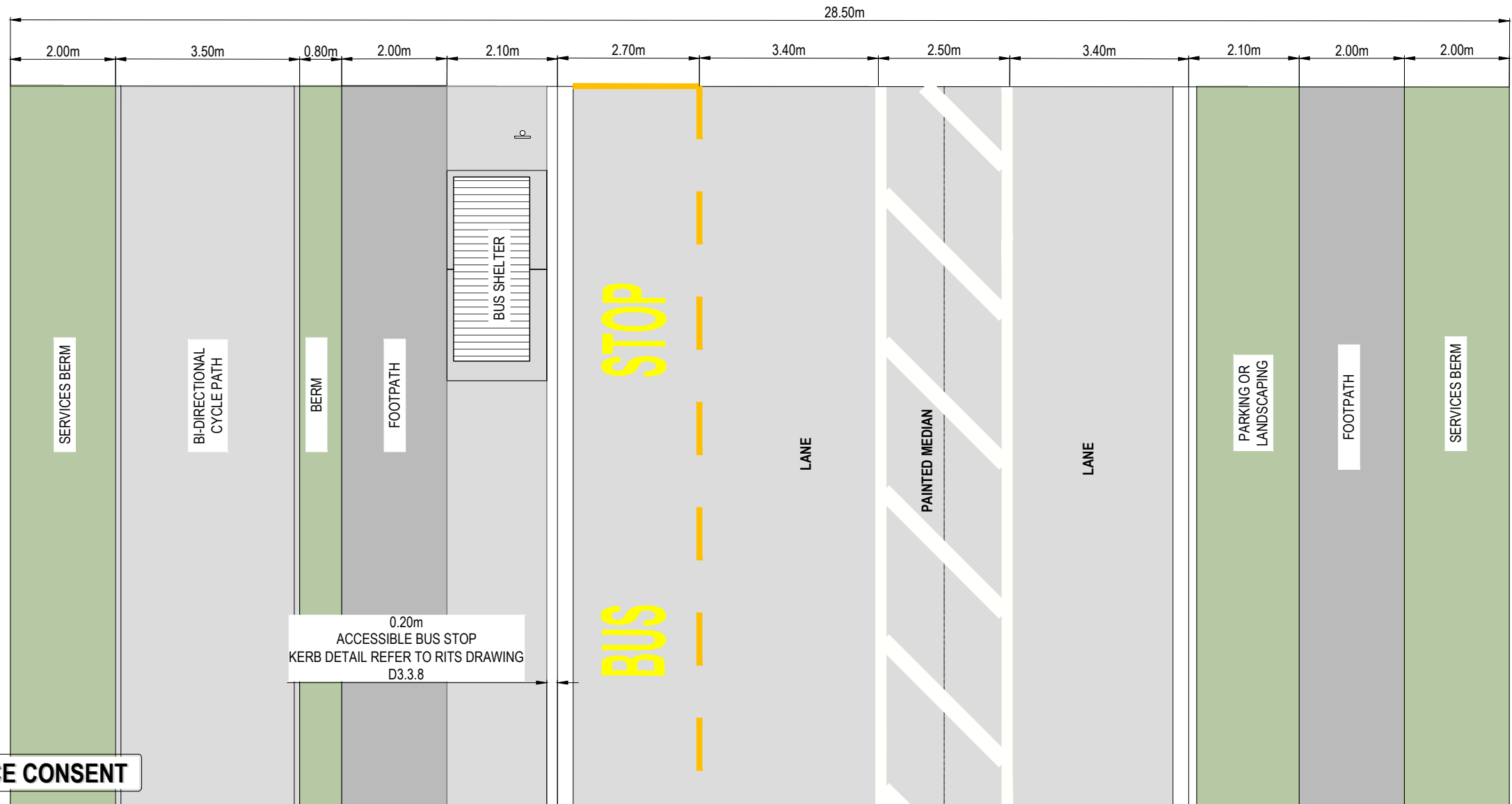
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Drawing no.	C332-2	Rev	A

DATE: 8/21/26 FILEPATH: F:\MAVEN\HAMILTON\6. PROJECTS\119014 - BRYMER FARMS\7. DRAWING\119014-C330-RD-TIE-IN.DWG



SECTION A-1 - 25.8m PRIMARY COLLECTOR ROAD / PT - TYPICAL CROSS SECTION
SCALE 1:100 @ A3

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
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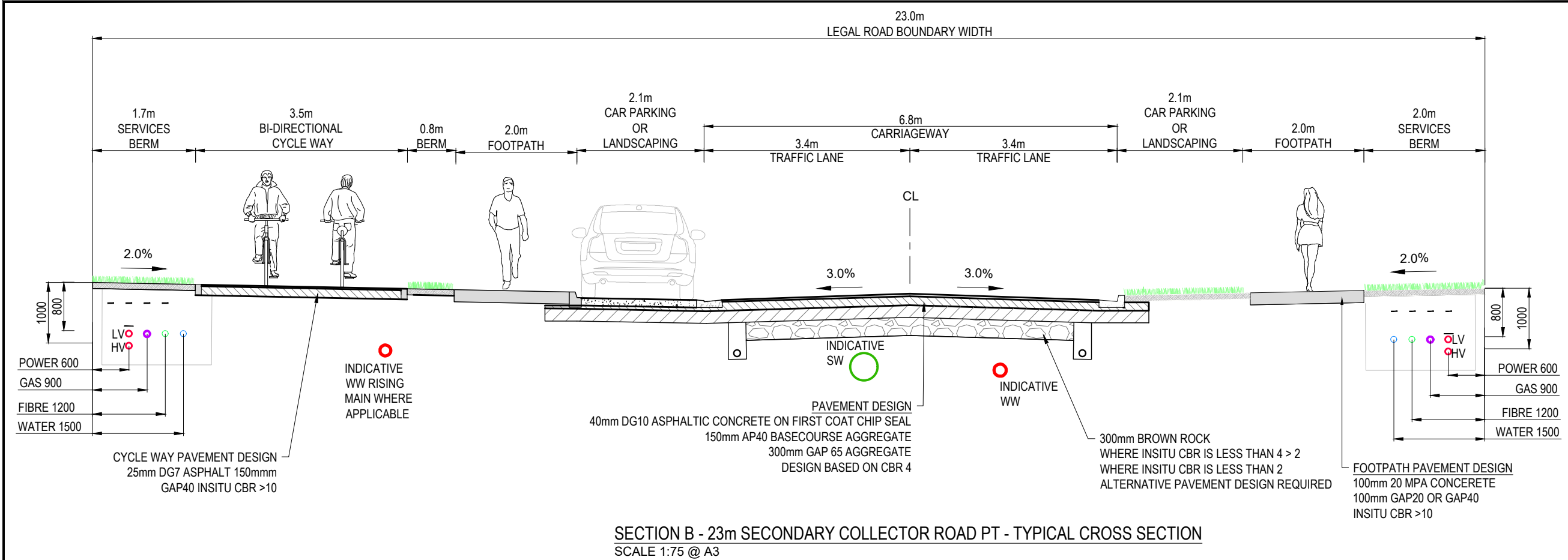
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Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



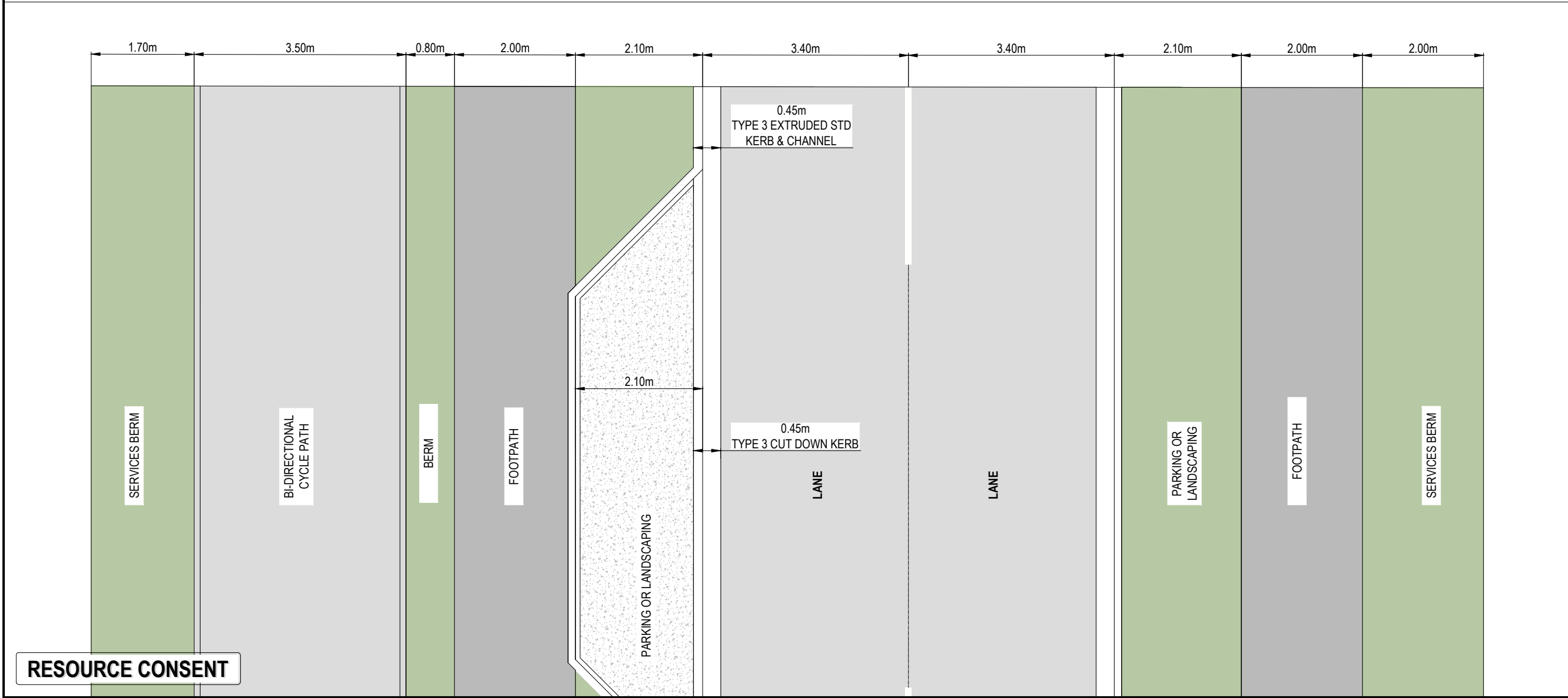
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

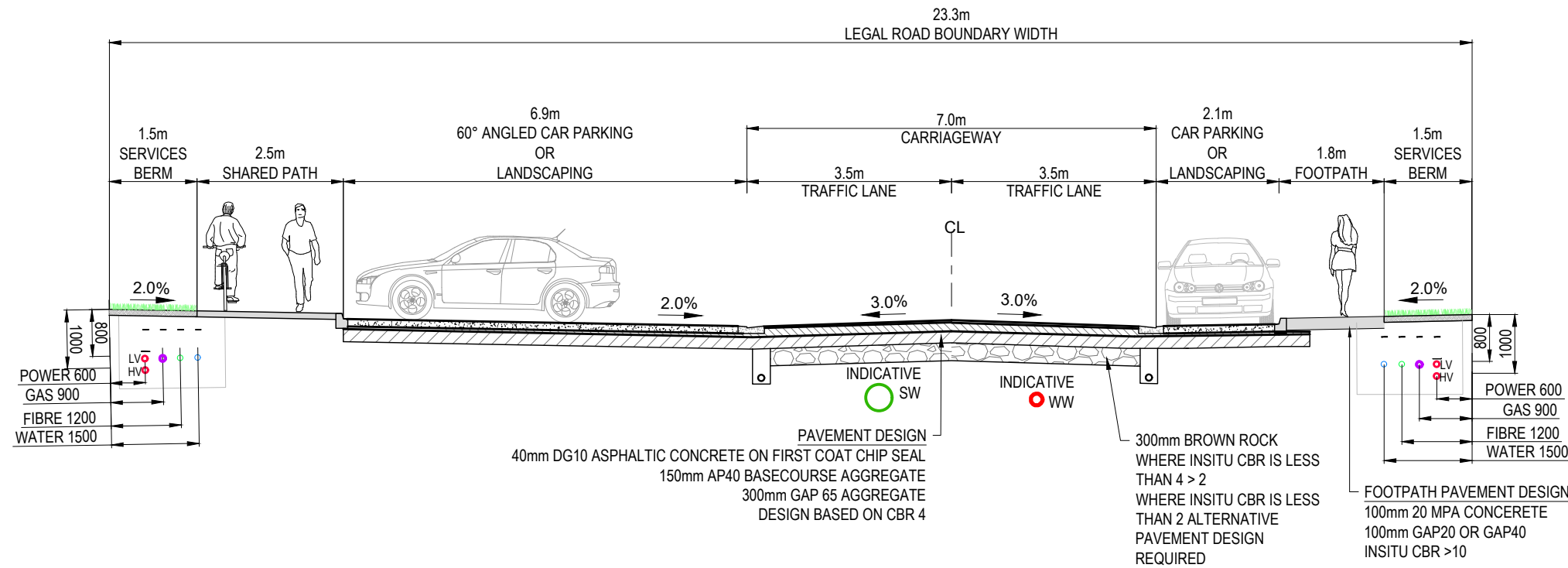
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Scale	1:100 @ A3
Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-1A
Rev	A



- NOTES
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Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			
M Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project			
BRYMER FARMS			
FOR			
BRYMER FARMS			
LIMITED			
Title			
PROPOSED			
ROADING TYPICAL			
SECTIONS			
Project no.	119014		
Scale	1:75 @ A3		
Cad file	119014-C340-TYP RD SECTION.DWG		
Drawing no.	C340-2	Rev	A



SECTION C - 23.3m NIEGHBORHOOD CENTRE ROAD - TYPICAL CROSS SECTION
SCALE 1:100 @ A3

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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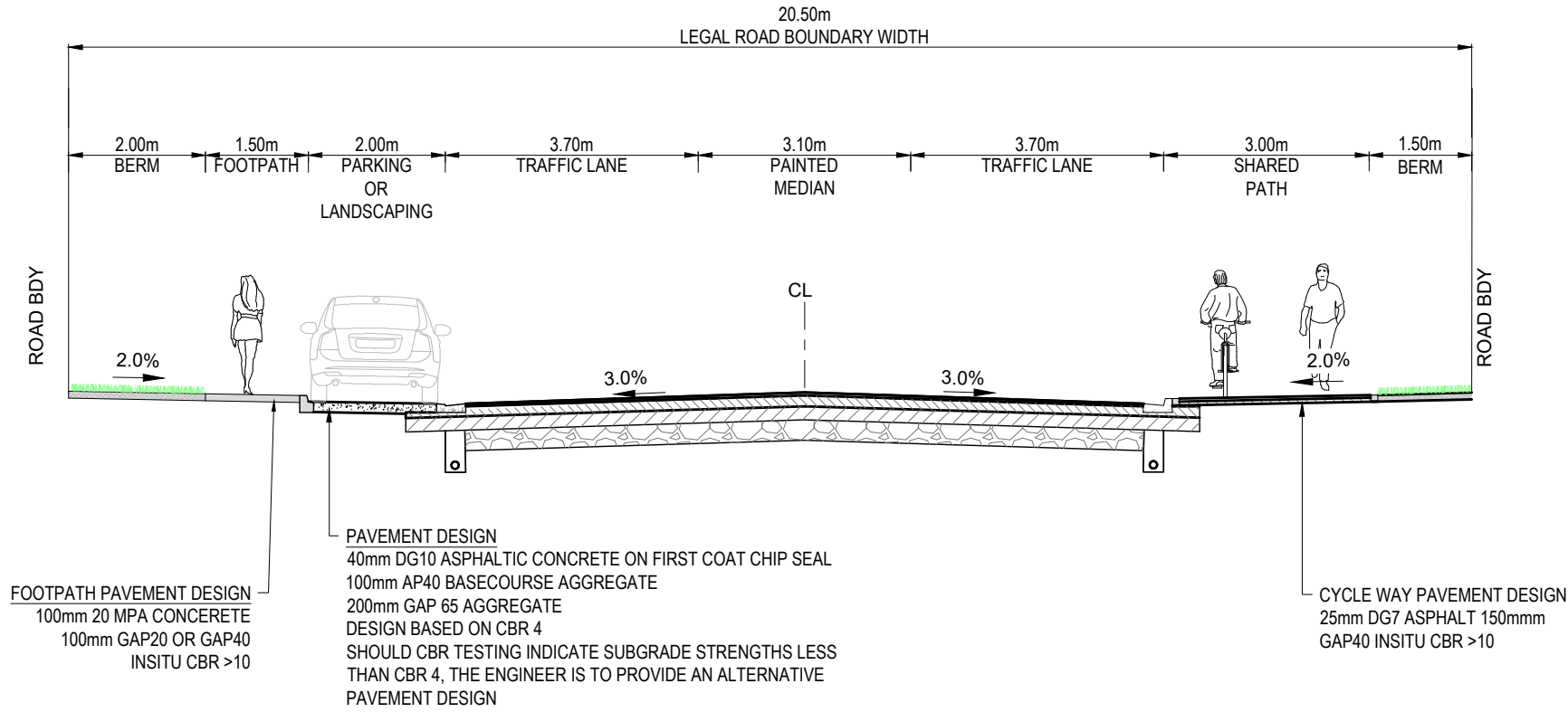
A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	RL		10/2025
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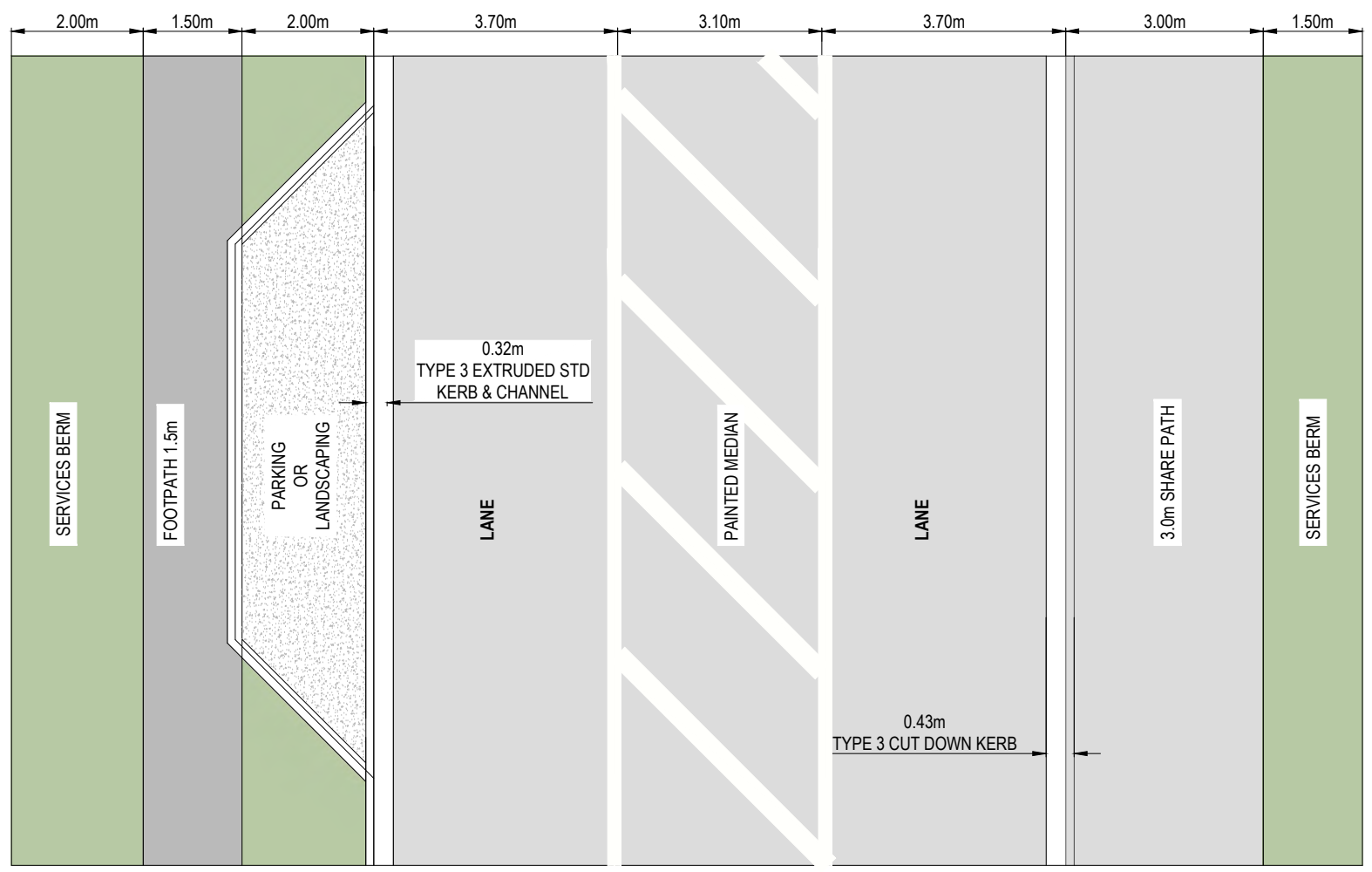
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

Project no.	119014
Scale	AS SHOWN
Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-3
Rev	A



SECTION D - 20.50m EXISTING COLLECTOR ROAD HIGHGROVE- TYPICAL CROSS SECTION
SCALE 1:100 @ A3



- NOTES
- 1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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Rev	Description	By	Date
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Survey	MAVEN		10/2025
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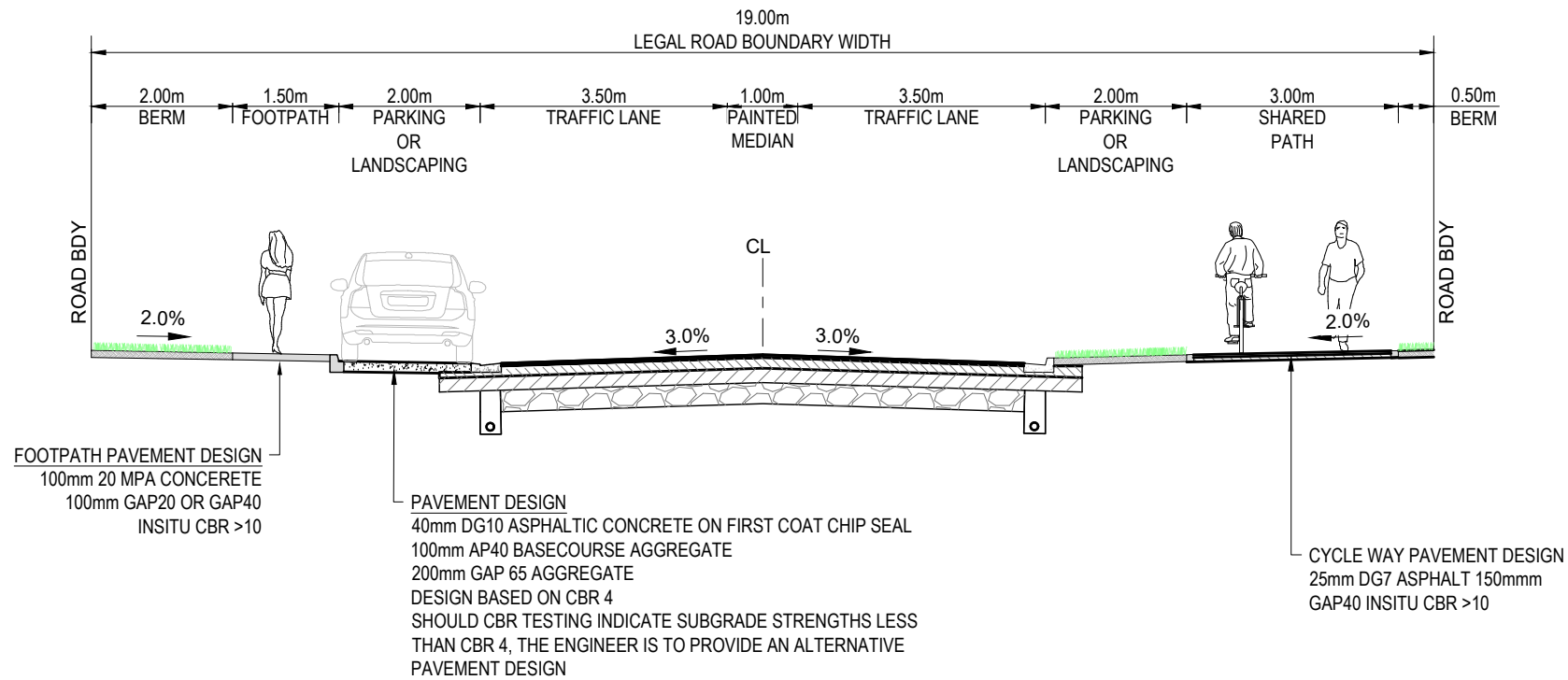
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Project
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LIMITED**

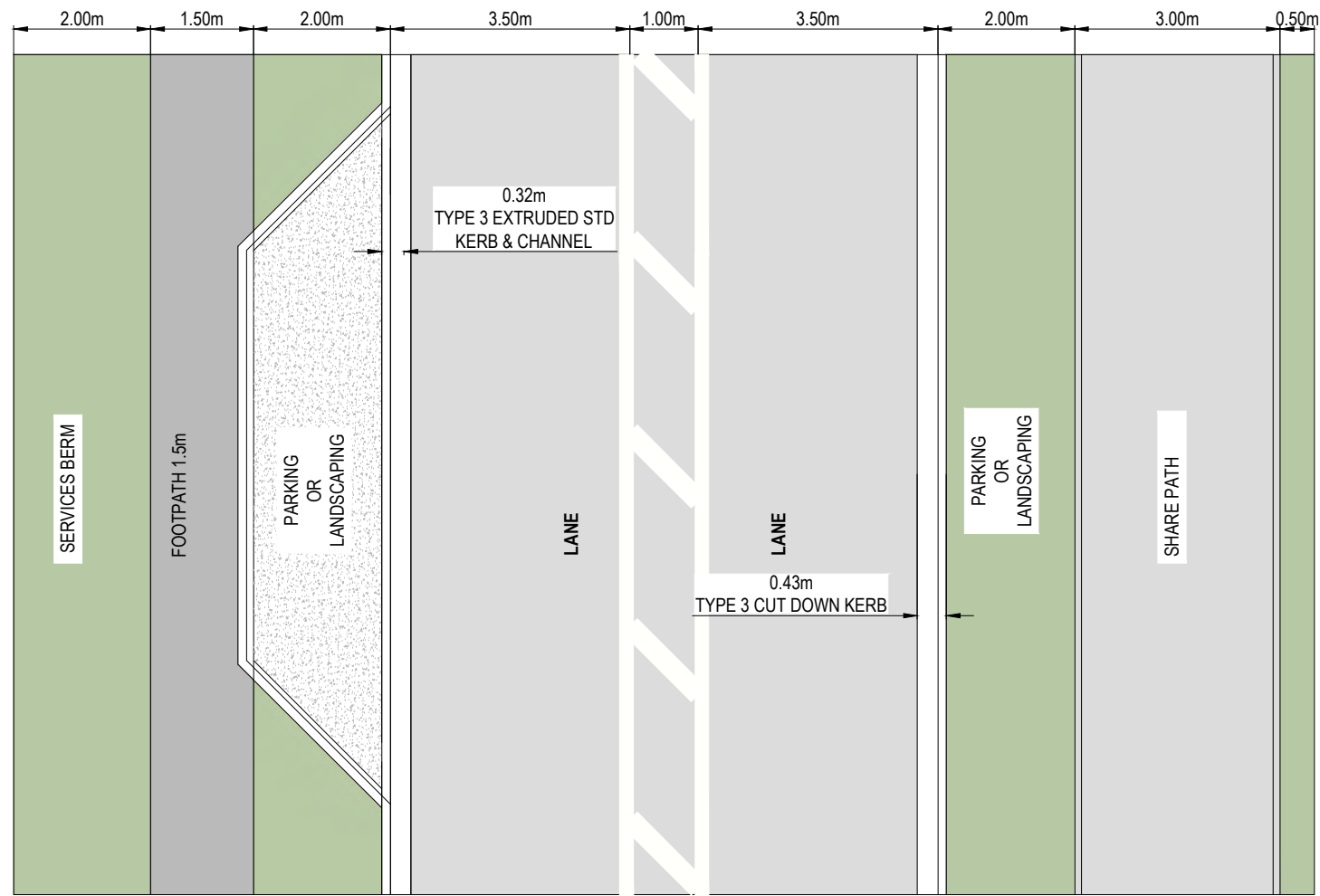
Title
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ROADING TYPICAL
SECTIONS**

Project no.	119014
Scale	1:100 @ A3
Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-4
Rev	A

RESOURCE CONSENT



SECTION E - 19m EXISTING COLLECTOR ROAD HARROGATE PLACE- TYPICAL CROSS SECTION
SCALE 1:100 @ A3



- NOTES
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Rev	Description	By	Date
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Survey	MAVEN		10/2025
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Drawn	AJP		10/2025
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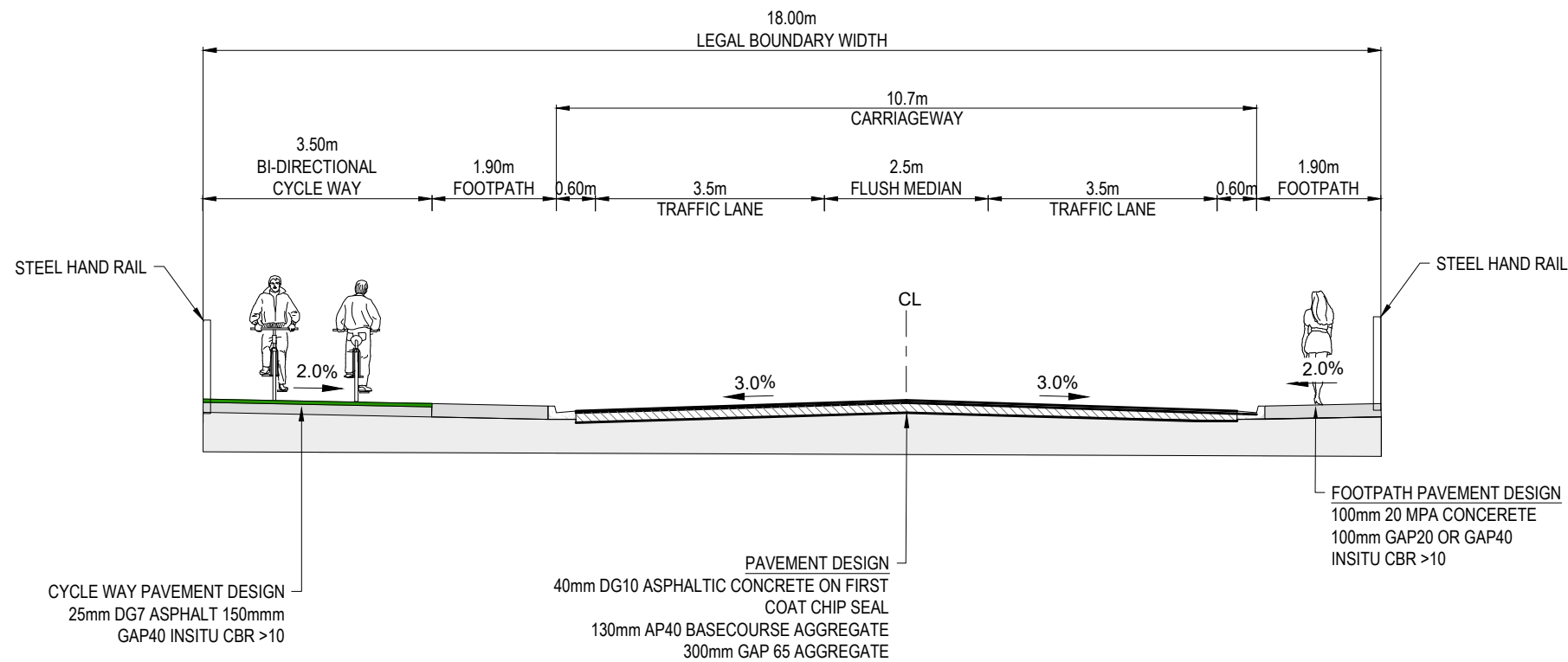
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Project
**BRYMER FARMS
FOR
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LIMITED**

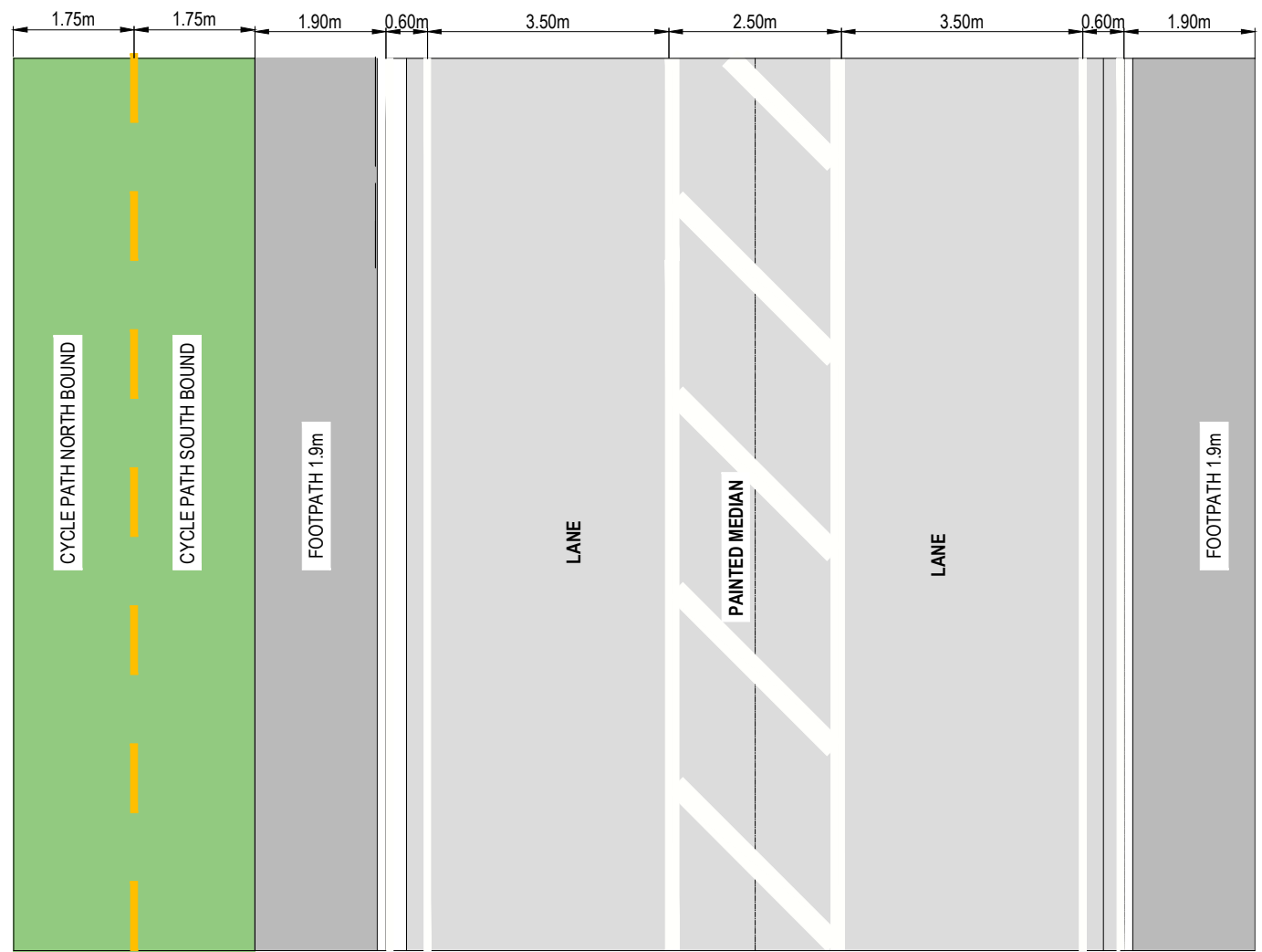
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**PROPOSED
ROADING TYPICAL
SECTIONS**

Project no.	119014
Scale	1:100 @ A3
Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-5
Rev	A

RESOURCE CONSENT



SECTION F - 18m PRIMARY COLLECTOR ROAD / PT BRIDGE - TYPICAL CROSS SECTION
SCALE 1:100 @ A3



- NOTES
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A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
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Drawn	AJP		10/2025
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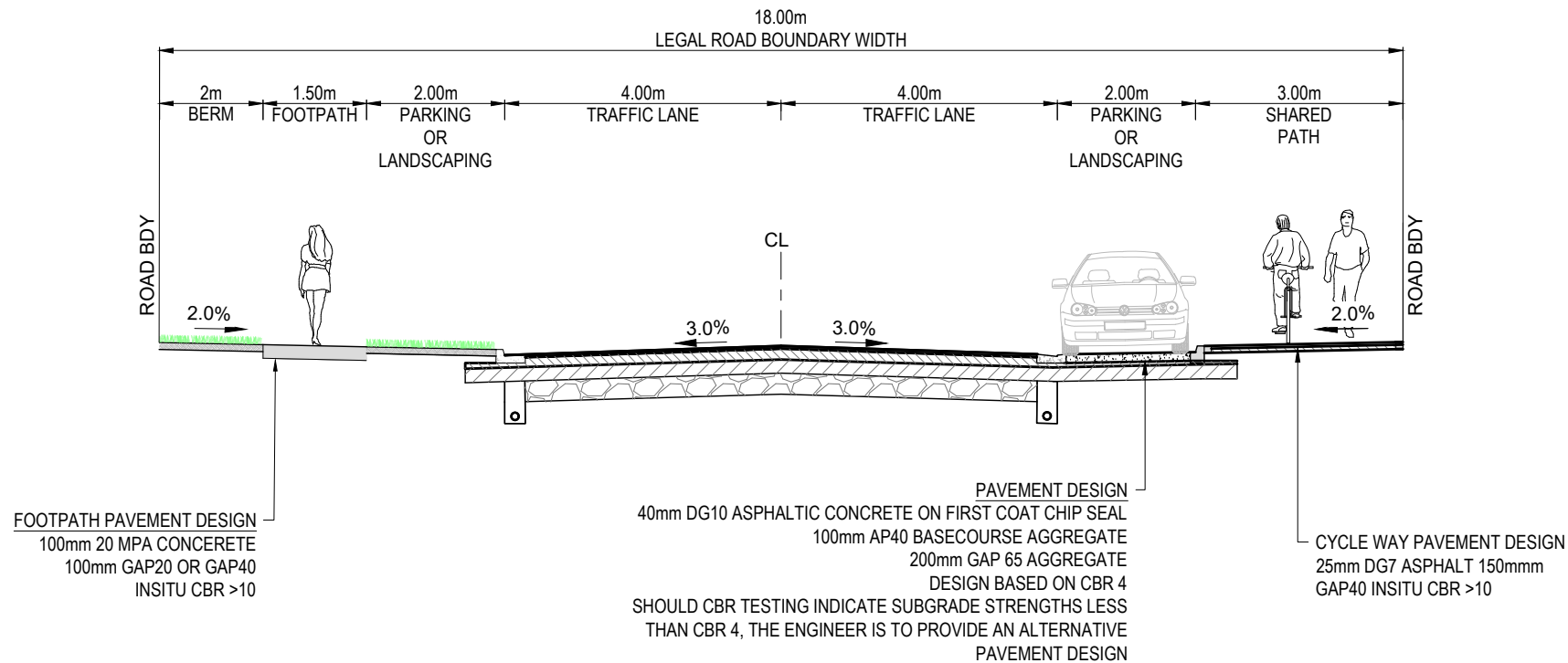
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

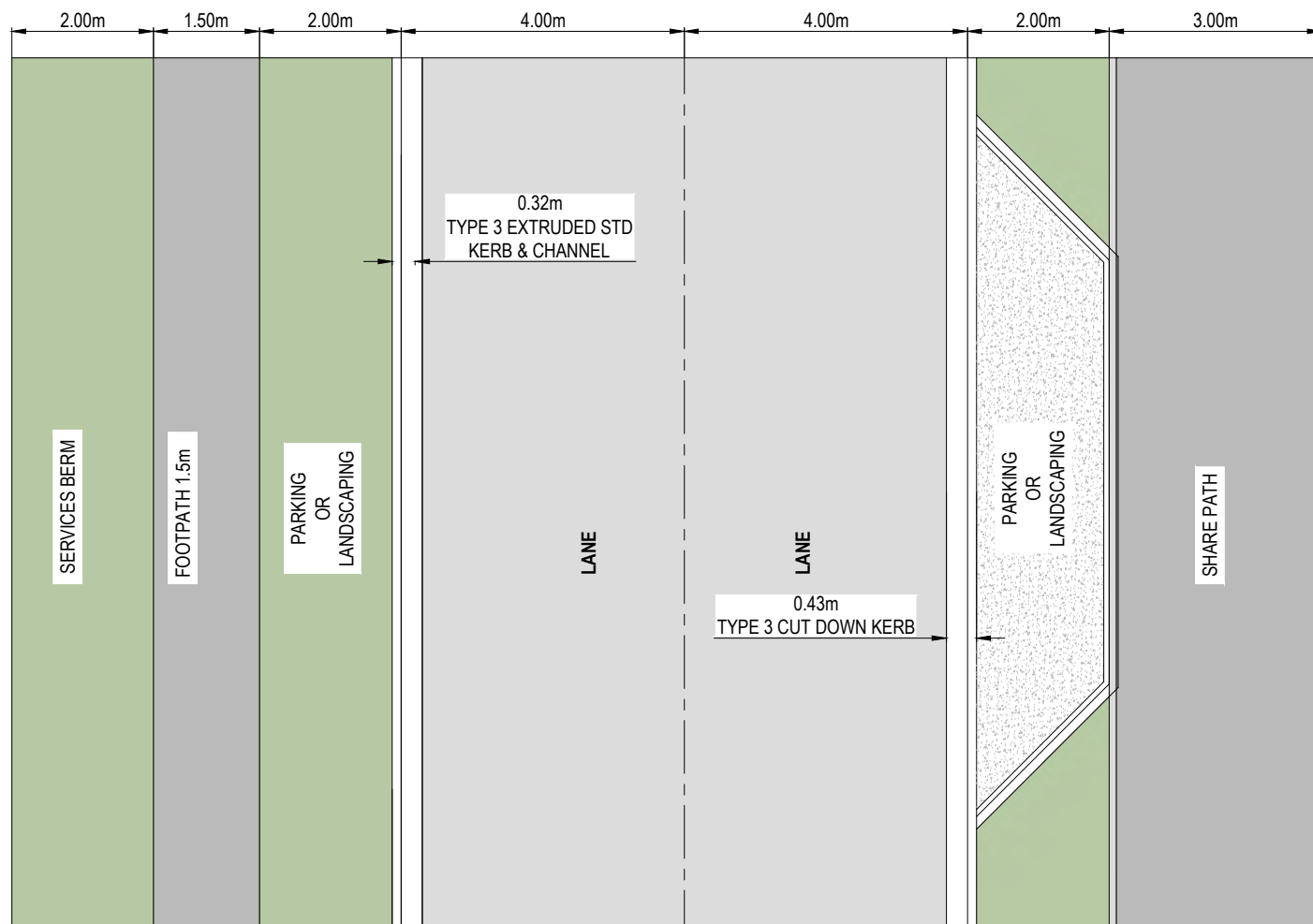
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RESOURCE CONSENT

DATE: 8/7/26 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014- BRYMER FARMS\7 DRAWING\119014-C340-TYP RD SECTION.DWG



SECTION G - 18m EXISTING COLLECTOR ROAD AYSHIRE DRIVE- TYPICAL CROSS SECTION
SCALE 1:100 @ A3



RESOURCE CONSENT

- NOTES
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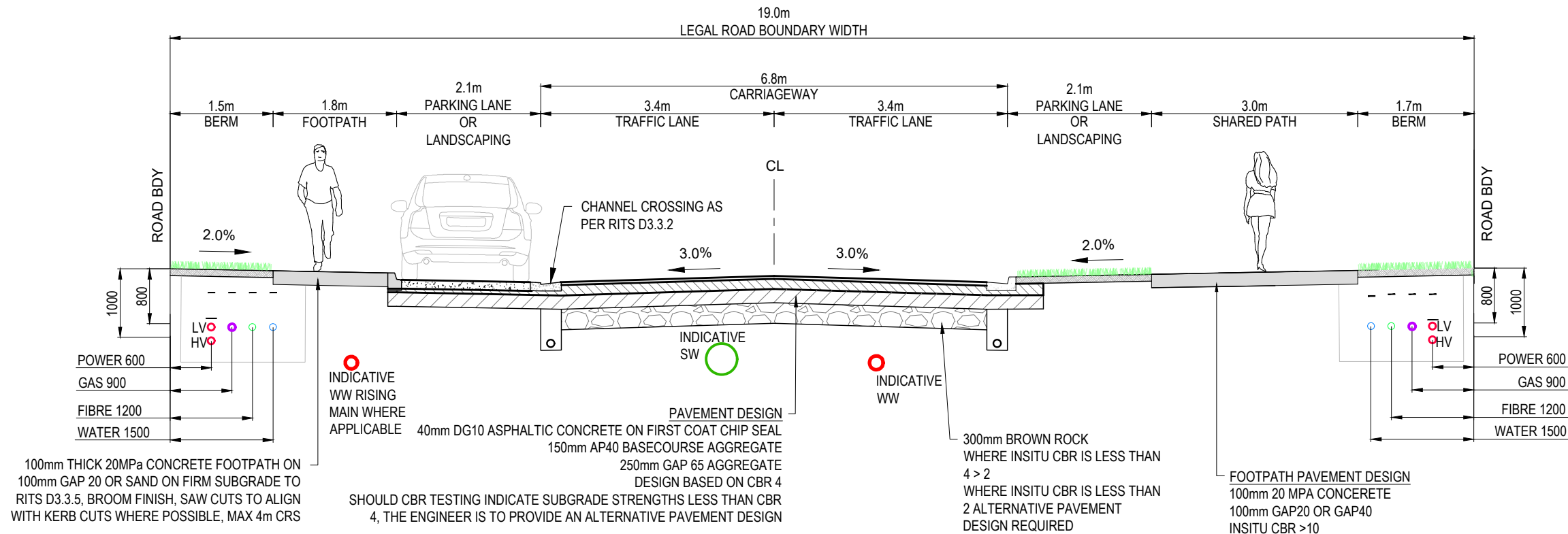
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Survey	MAVEN		10/2025
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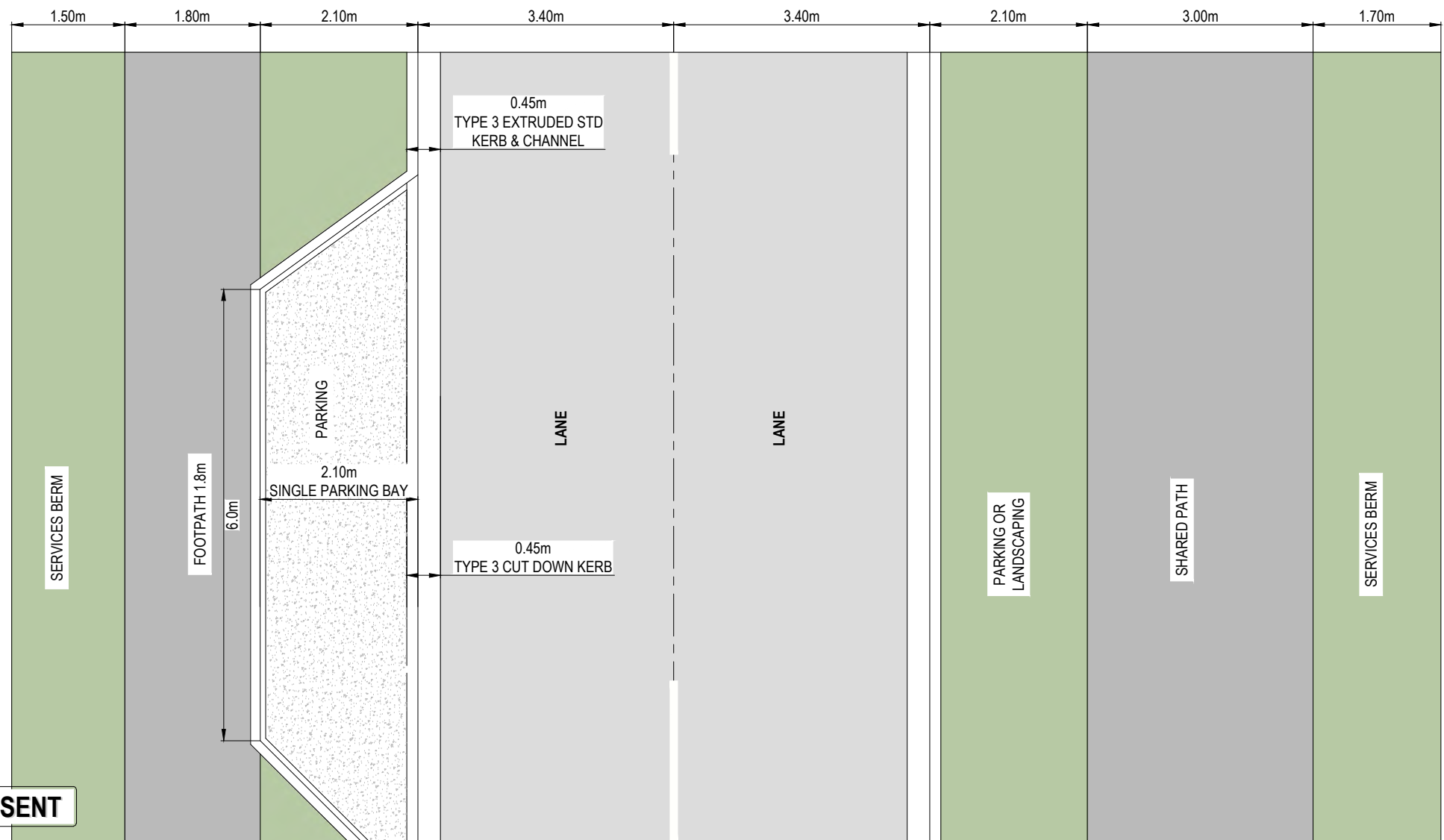
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

Project no.	119014
Scale	1:100 @ A3
Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-7
Rev	A



SECTION H - 19m LOCAL ROAD PT - TYPICAL CROSS SECTION
SCALE 1:75 @ A3



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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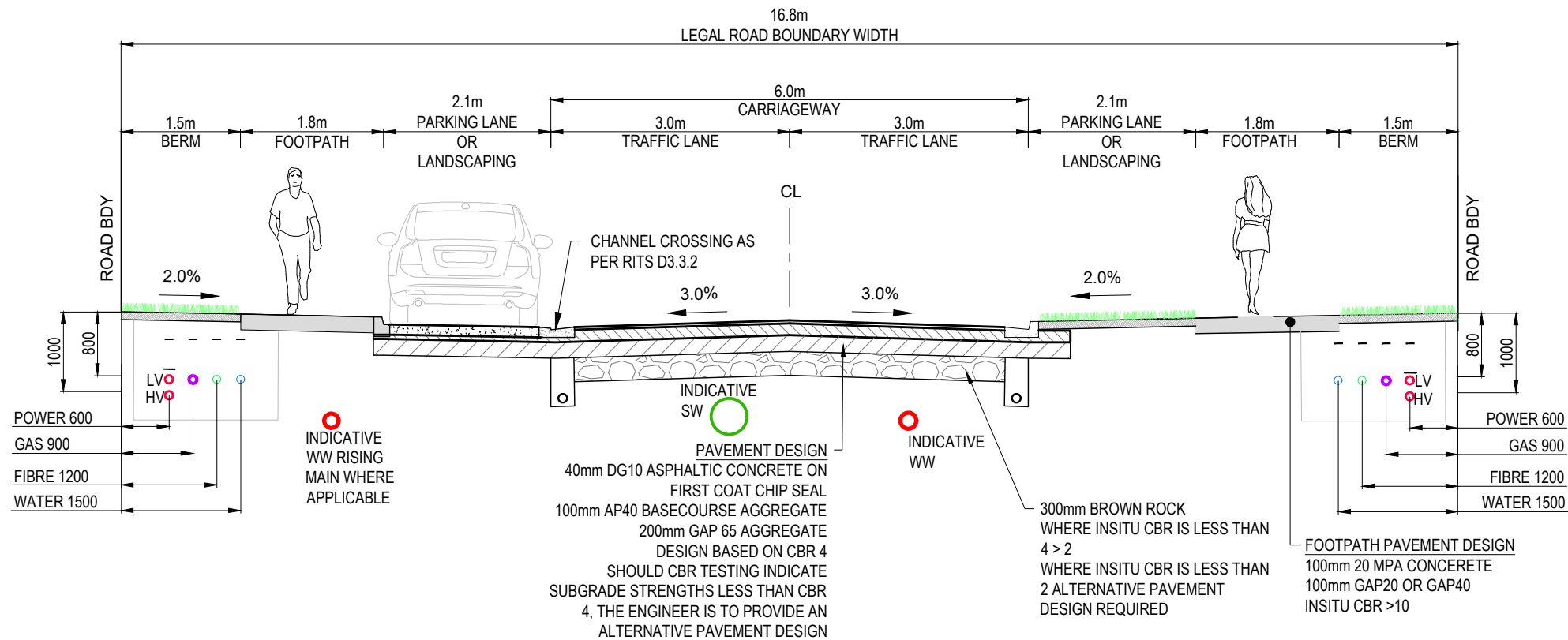
A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

Project no.	119014
Scale	1:75 @ A3
Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-8
Rev	A



SECTION I - 16.8m LOCAL ROAD - TYPICAL CROSS SECTION
SCALE 1:75 @ A3

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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Rev	Description	By	Date
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Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



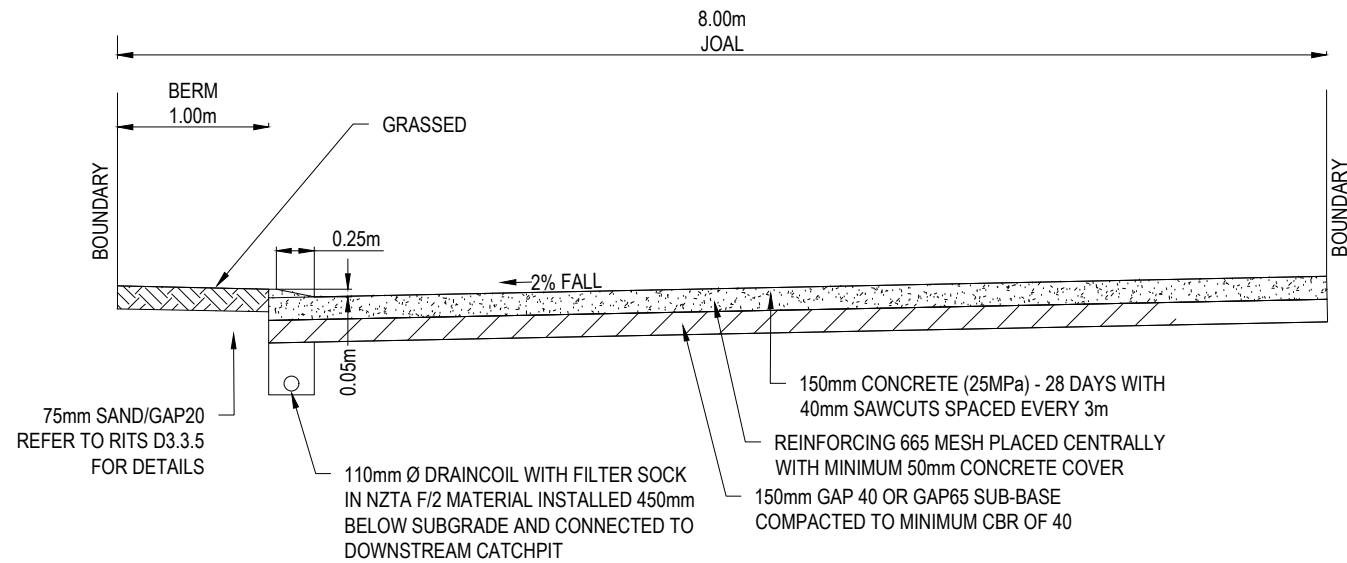
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

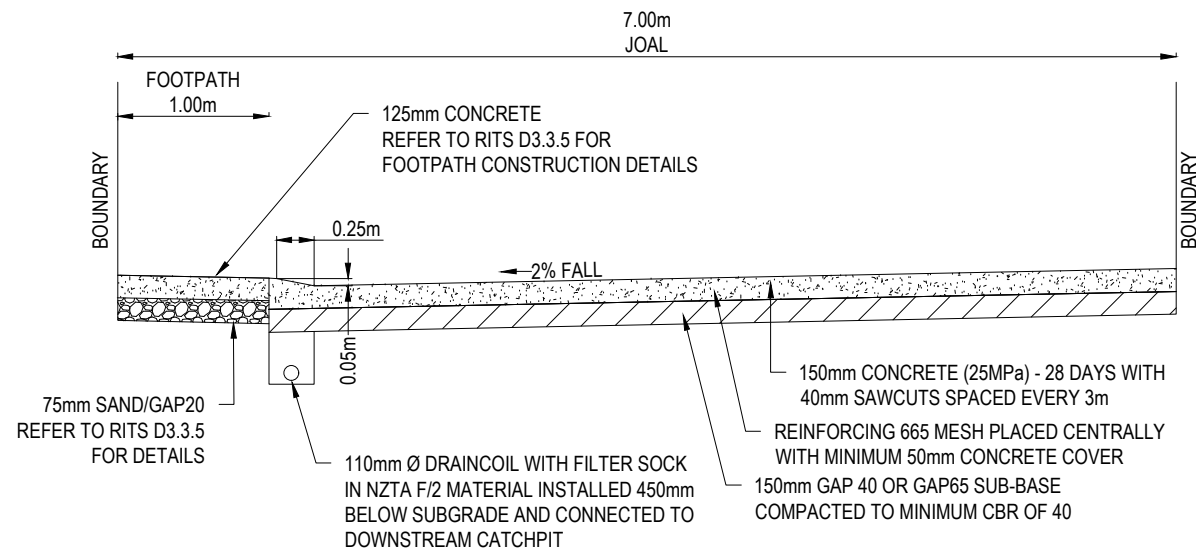
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Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-9
Rev	A

RESOURCE CONSENT

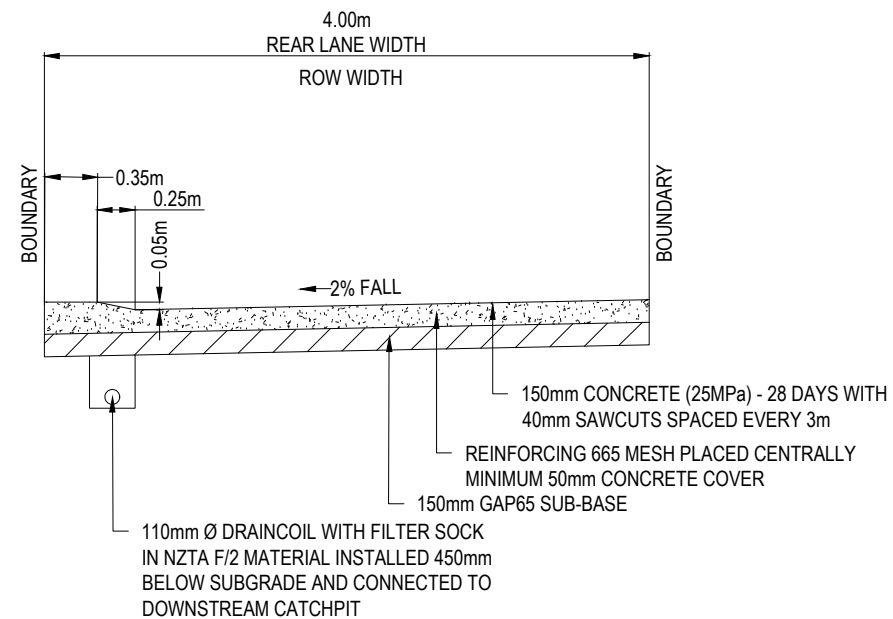
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SECTION J - JOAL (8.0m) - TYPICAL CROSS SECTION
SCALE: 1:50 @ A3



SECTION K - JOAL (7.0m) - TYPICAL CROSS SECTION
SCALE: 1:50 @ A3



SECTION L - JOAL (4.0m) - TYPICAL CROSS SECTION
SCALE: 1:50 @ A3

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Design	TCH		10/2025
Drawn	RL		10/2025
Checked			



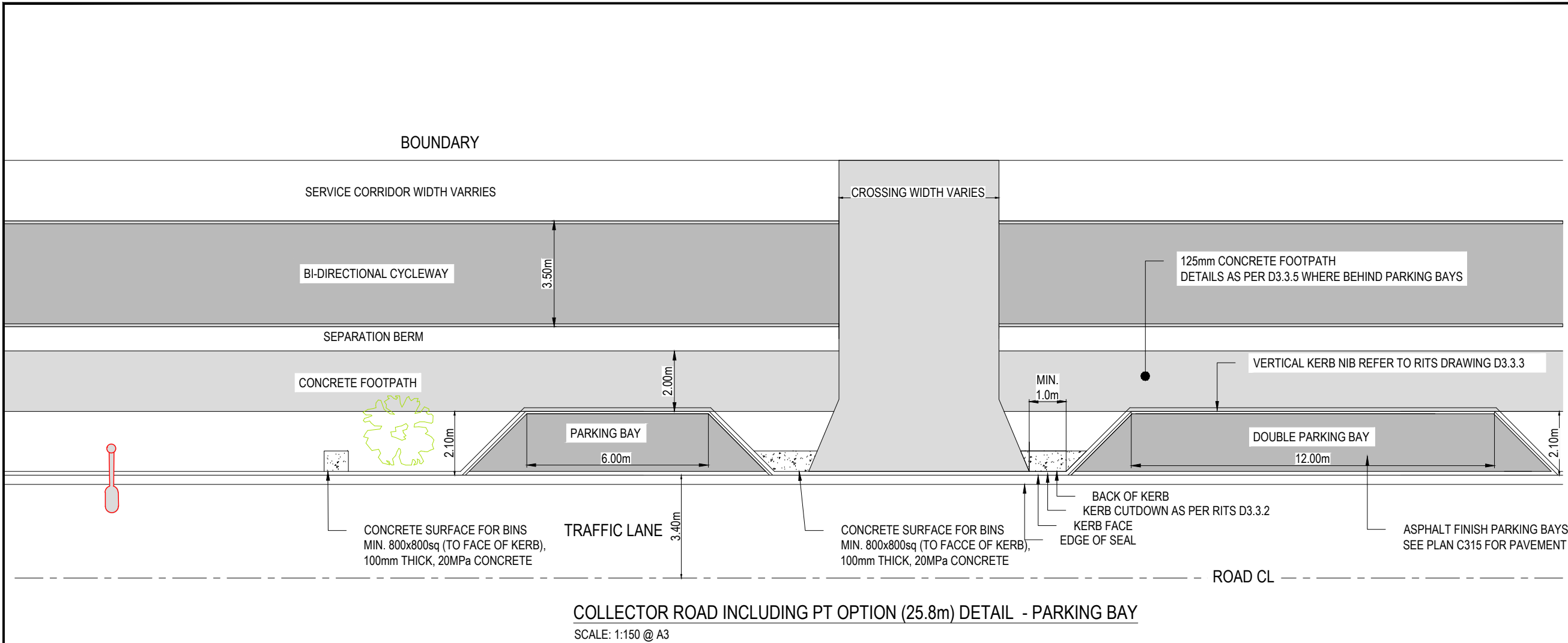
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

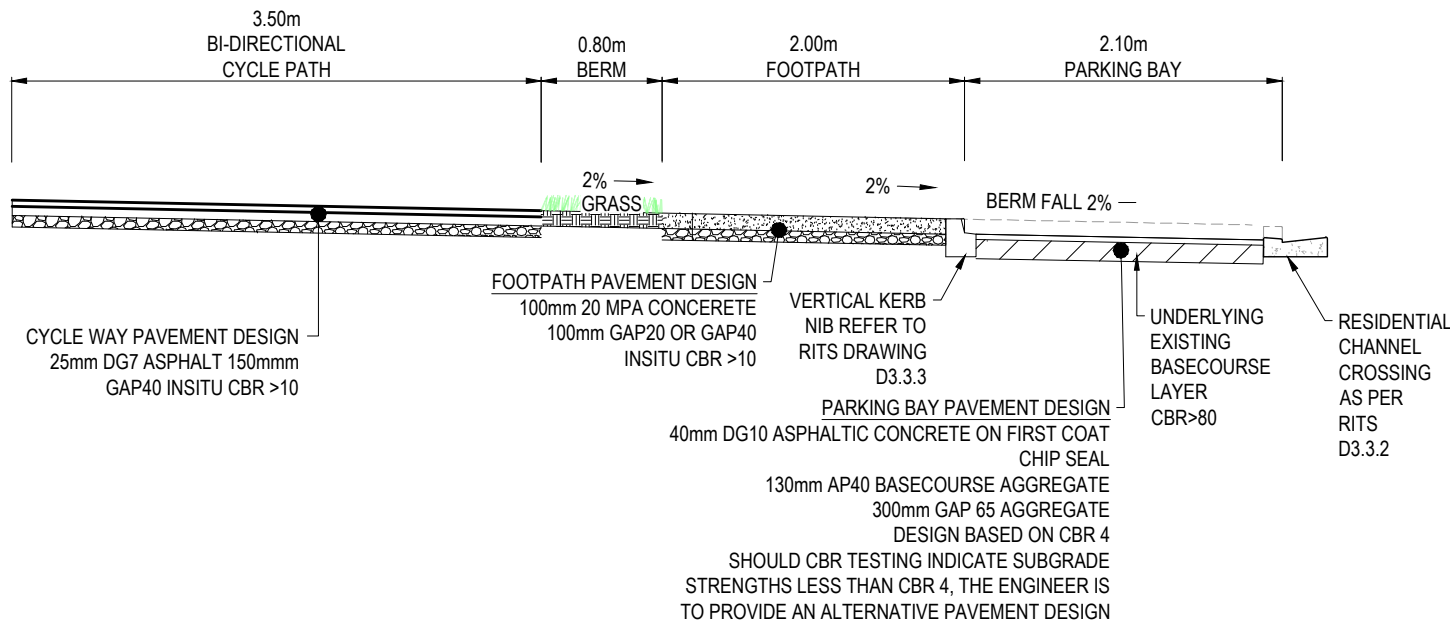
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Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-10
Rev	A

RESOURCE CONSENT

DATE: 8/7/25 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014-BRYMER FARMS\7 DRAWING\119014-C340-TYP RD SECTION.DWG



COLLECTOR ROAD INCLUDING PT OPTION (25.8m) DETAIL - PARKING BAY
SCALE: 1:150 @ A3



SECTION - TYPICAL PARKING BAY

SCALE: 1:50 @ A3

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Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	RL		10/2025
Checked			

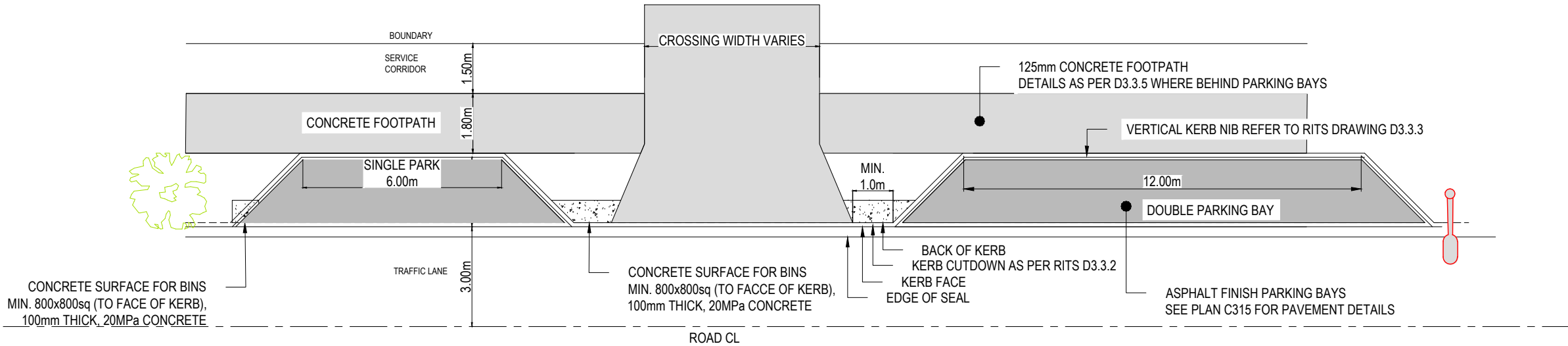


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

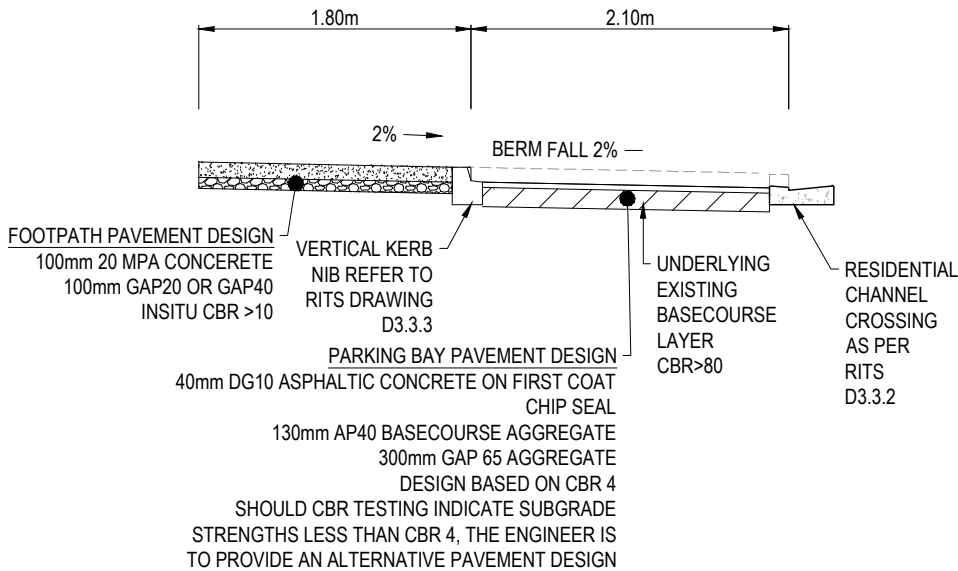
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Cad file	119014-C340-TYP RD SECTION.DWG
Drawing no.	C340-11
Rev	A

RESOURCE CONSENT



LOCAL ROAD (16.8m) DETAIL - PARKING BAY

SCALE: 1:150 @ A3



SECTION - PARKING BAY

SCALE: 1:50 @ A3

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Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	RL		10/2025
Checked	DJM		08/2026

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROADING TYPICAL
SECTIONS**

Project no.	119014		
Scale	AS SHOWN		
Cad file	119014-C340-TYP RD SECTION.DWG		
Drawing no.	C340-12	Rev	A



DATE: 8/4/26 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014- BRYMER FARMS\7. DRAWING\119014-C360-ROAD MARKINGS.DWG



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LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y100R1x1
CONTINUITY LINE	W100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
	PROP LOT BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked	DJM		08/2026



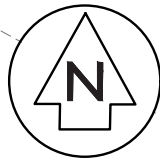
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Level 1 286 Victoria Street, Hamilton
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROAD MARKING
OVERVIEW PLAN**

Project no.	119014		
Scale	1:7500 @ A3		
Cad file	119014-C360-ROAD MARKINGS.DWG		
Drawing no.	C360	Rev	A

RESOURCE CONSENT



Lot 1
DPS 6936

690

Lot 3
DP 464194

PAPER ROAD

691

Lot 1
DP 385271
PR W20-1.3 CHEVRON SIGHT
BOARD SIGN POST



697

693

Lot 4
DP 385271

692

Lot 2
DP 385271
STREET SIGN ATTACHED TO
STREETLIGHT POLE. REFER TO
RITS STANDARD DETAIL DWG
R1-C380-3

Lot 8
DPS 40222

Section 2
SO 555327

695

696

694

PR W20-1.3 CHEVRON SIGHT
BOARD SIGN POST



PR R2-2 GIVE WAY SIGN POST



URBAN 'GIVEWAY' TRIANGLE REFER
TO MOTSAM 2 FIGURE 3.09A

SW POND G

BRYMER ROAD

MOTSAM -
UBRAN RTB

13.00m

20.00m

12.00m

30.00m

RESOURCE CONSENT

NOTES

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LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
	PROP LOT BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	BY		10/2025
Checked	DJM		08/2026



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROAD MARKING
PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-1A
Rev	A



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CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
	PROP LOT BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
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	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK	AJP	08/2026
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Project
**BRYMER FARMS
FOR
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LIMITED**

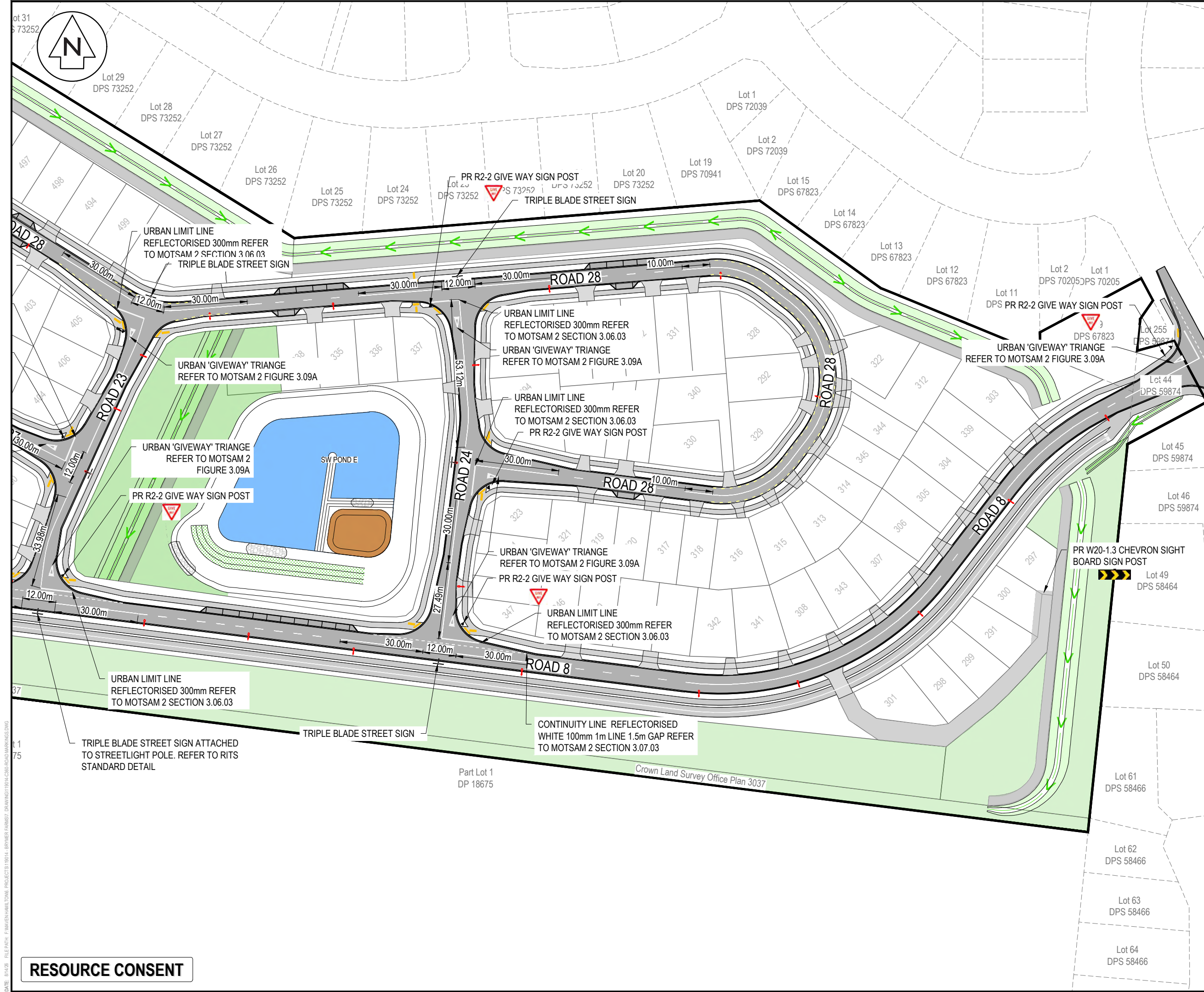
Title
**PROPOSED
ROAD MARKING
PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-1
Rev	A

DATE: 8/14/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\119014-BRYMER FARMS\7 DRAWING\119014-C360-ROAD MARKINGS.DWG

URBAN LIMIT LINE
REFLECTORISED 300mm REFER
TO MOTSAM 2 SECTION 3.06.03
PR R2-2 GIVE WAY SIGN POST
URBAN 'GIVEWAY' TRIANGLE
REFER TO MOTSAM 2 FIGURE 3.09A

RESOURCE CONSENT



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CENTER LINE 2	WC100R
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CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
	PROP LOT BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
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K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title PROPOSED ROAD MARKING PLAN	
Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-2
Rev	A

DATE: 8/14/26 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014-BRYMER FARMS\7 DRAWING\119014-C360-ROAD MARKINGS.DWG

RESOURCE CONSENT



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K&N	KERB AND NIB
WS	WHEEL STOP
WS	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
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	Design	TCH	10/2025
	Drawn	BY	10/2025
	Checked	DJM	08/2026

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROAD MARKING
PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-3
Rev	A

RESOURCE CONSENT

DATE: 8/4/26 FILE PATH: F:\MAVEN\HAMILTON\6. PROJECTS\119014 - BRYMER FARMS\7. DRAWING\119014-C360-ROAD MARKINGS.DWG



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 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY
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 7. SETOUT SCHEDULE WITH CO-ORDINATES OF CHAINAGE POINTS ALONG ROAD CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
 9. ALL ROAD MARKINGS ARE AS PER MOTSAM STANDARDS.

LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
	PROP LOT BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	BY		10/2025
Checked	DJM		08/2026

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New Zealand

Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
ROAD MARKING
PLAN**

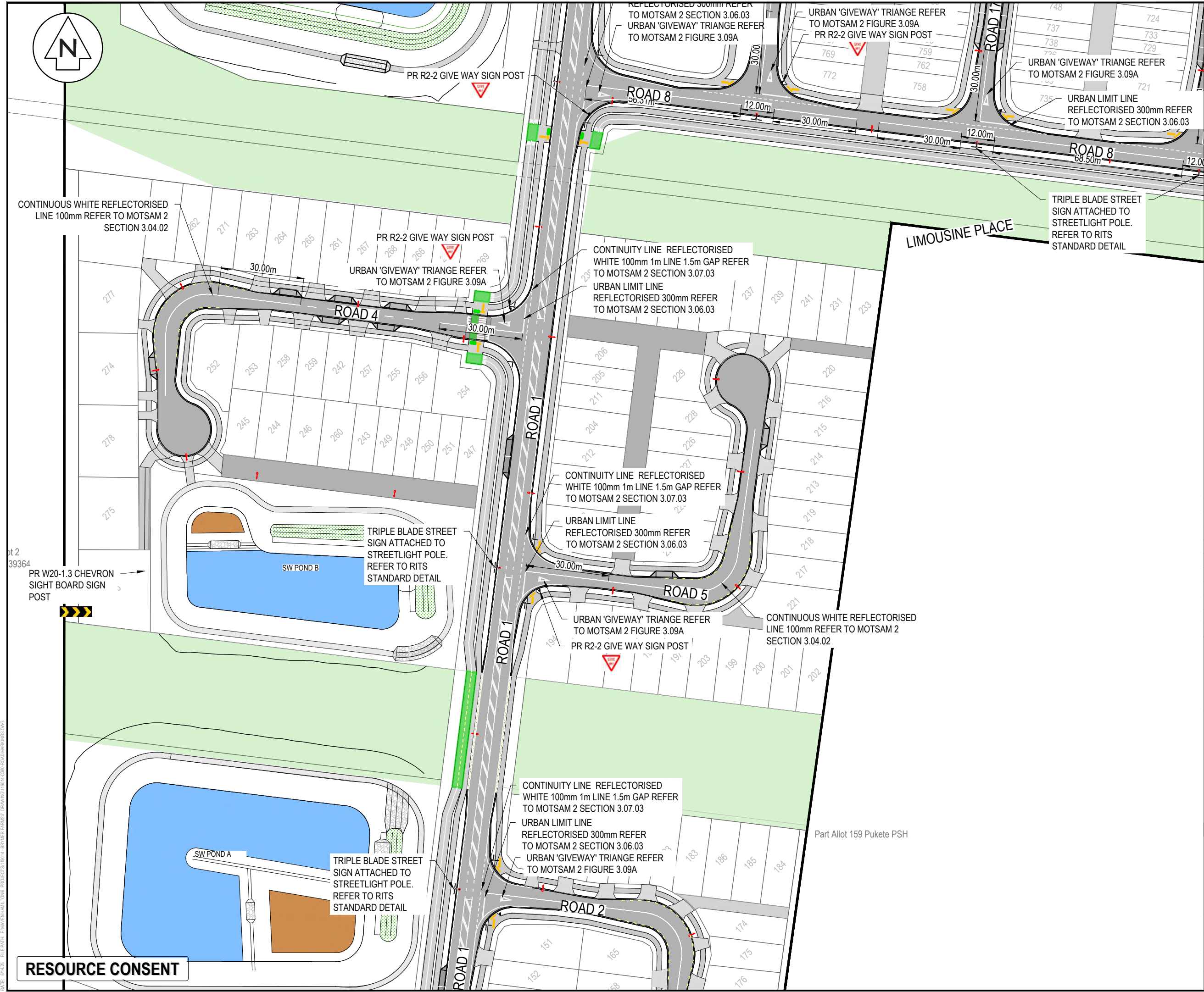
Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-4
Rev	A

Lot 2 S 39364

Lot 1 S 59536

DATE: 8/4/26 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014-BRYMER FARMS\7 DRAWING\119014-C360-ROAD MARKINGS.DWG

RESOURCE CONSENT



NOTES

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	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

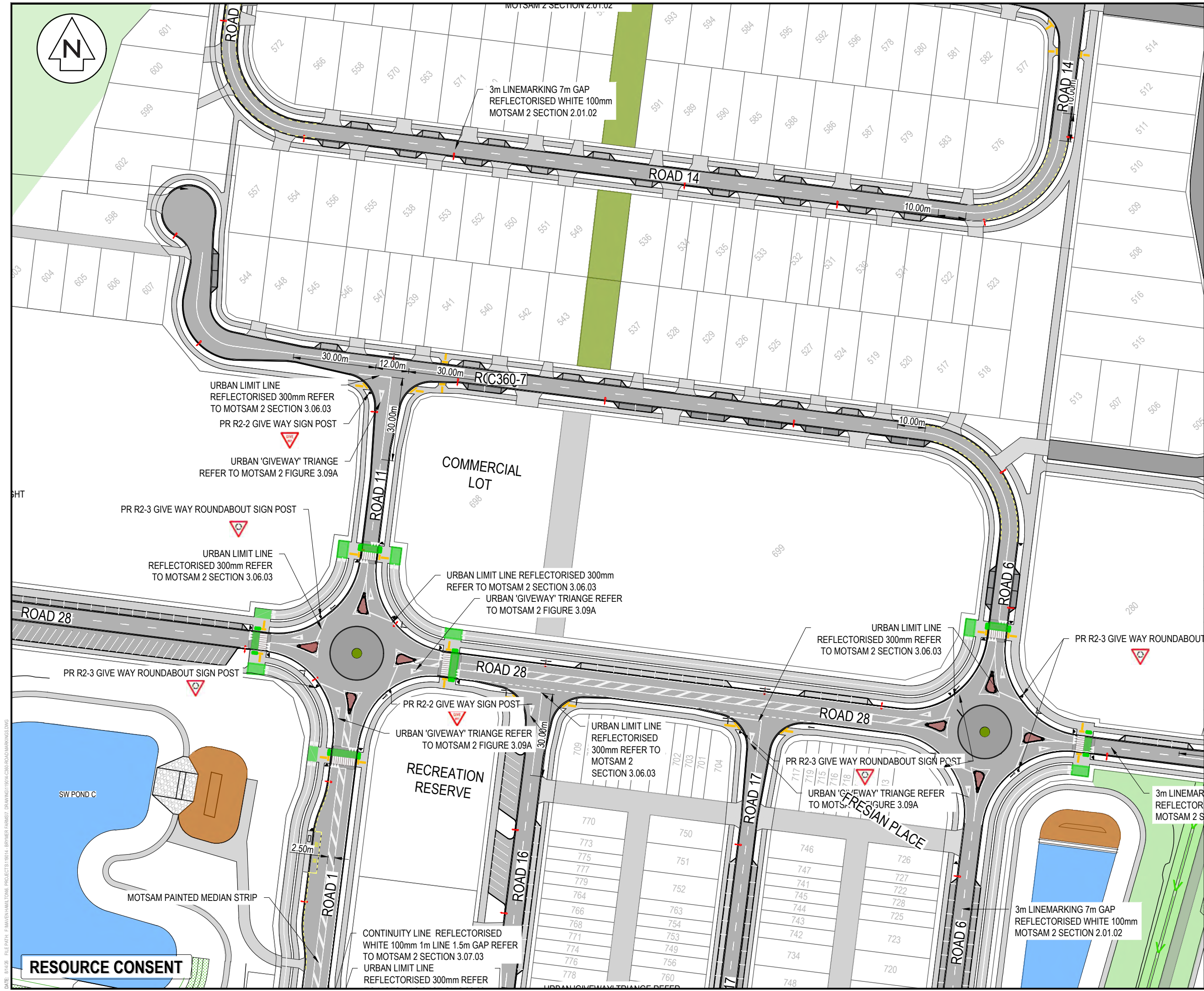
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Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
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Drawn	BY		10/2025
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Project
**BRYMER FARMS
 FOR
 BRYMER FARMS
 LIMITED**

Title
**PROPOSED
 ROAD MARKING
 PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-5
Rev	A



- NOTES
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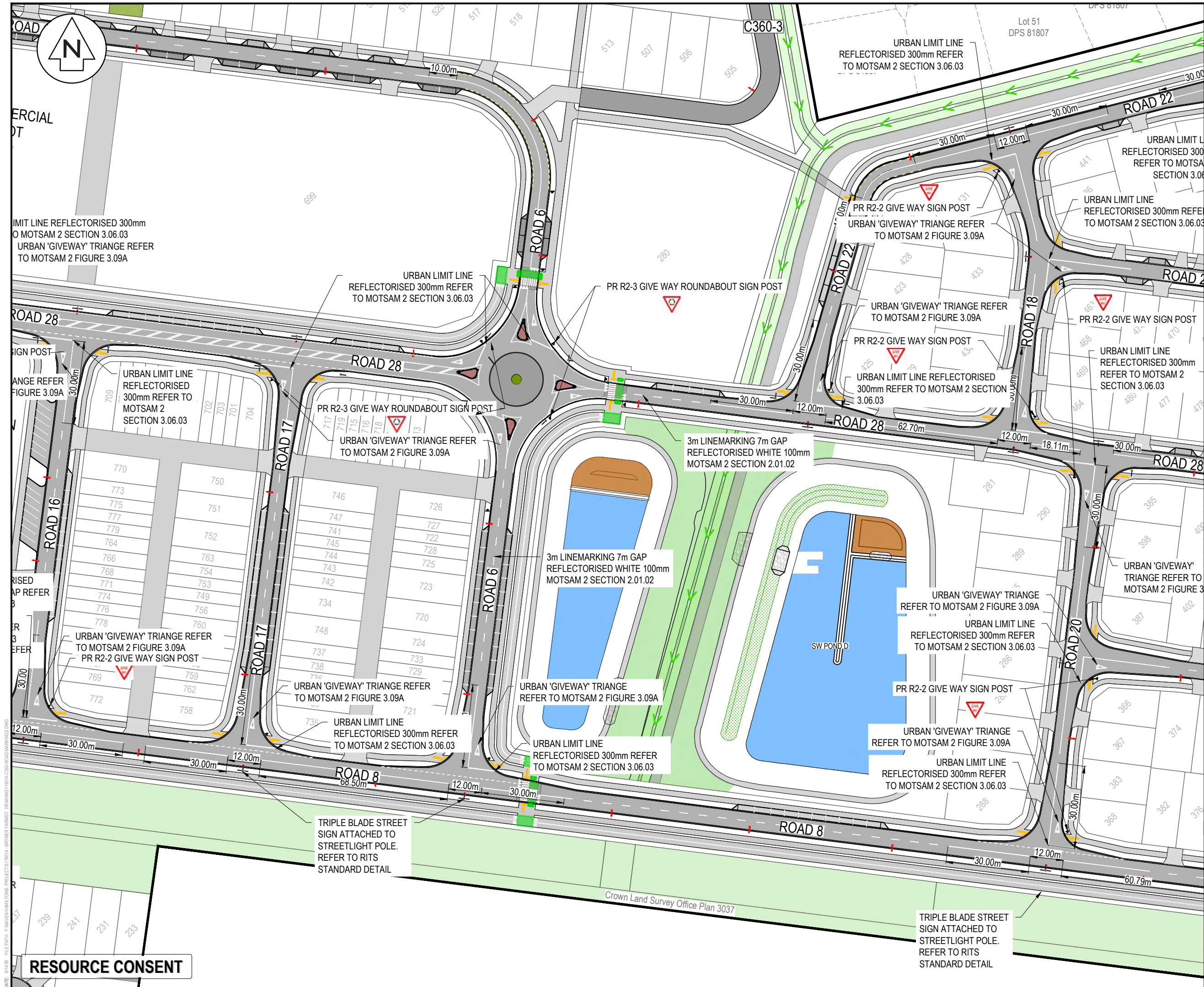
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Project
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Title
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Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-6
Rev	A

DATE: 8/4/26 FILEPATH: F:\MAVEN\HAMILTON\6. PROJECTS\119014 - BRYMER FARMS\7. DRAWING\119014-C360-ROAD MARKINGS.DWG



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Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C360-ROAD MARKINGS.DWG
Drawing no.	C360-7
Rev	A

RESOURCE CONSENT

DATE: 8/14/26 FILE PATH: F:\MAVEN\HAMILTON\PROJECTS\119014-BRYMER FARMS\DRAWING\119014-C360-ROAD MARKINGS.DWG



- PR PRIMARY COLLECTOR ROAD (25.8m)
- PR SECONDARY COLLECTOR (23.0m)
- PR LOCAL ROAD+PT (19.0m)
- PR LOCAL ROAD (16.8m)
- PR COMMERCIAL ROAD(23.3m)
- PR OPEN SPACE(19.0m)

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
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Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



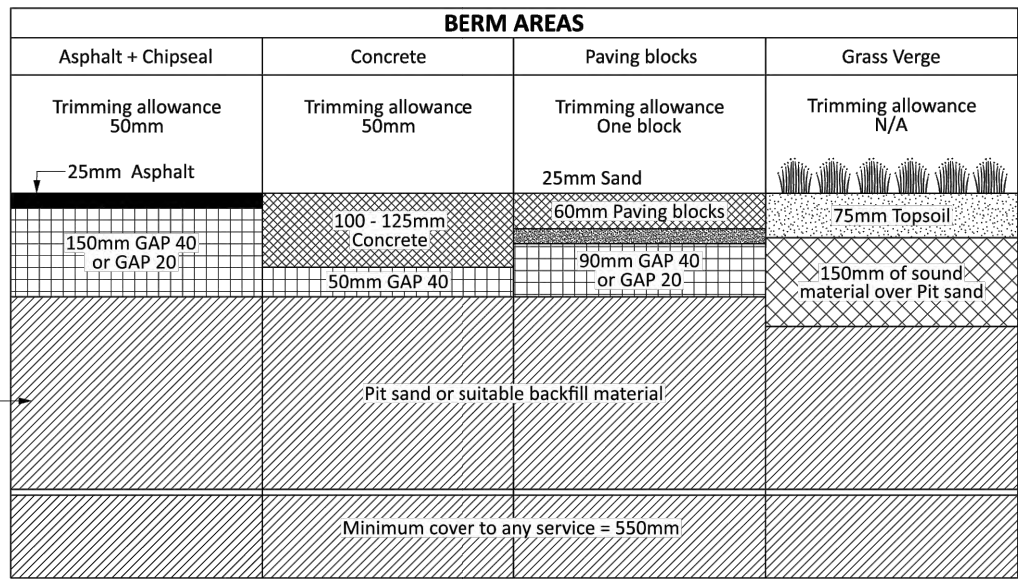
Maven Waikato
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Project
**BRYMER FARMS
FOR
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Title
**PROPOSED
ROADING HIERARCHY
PLAN**

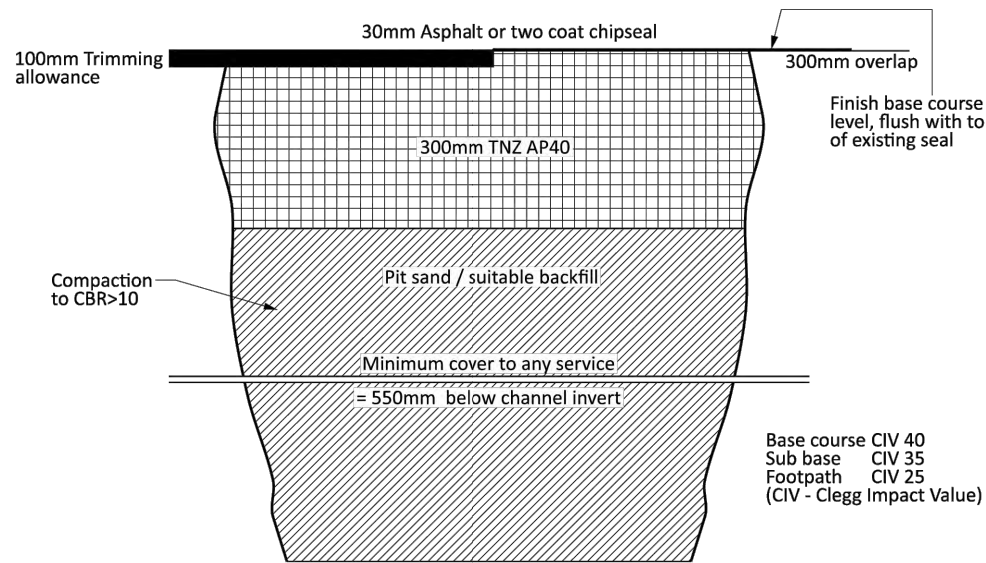
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Cad file	119014-C370-ROAD HIERARCHY.DWG		
Drawing no.	C370	Rev	A

RESOURCE CONSENT



Compaction to CBR>10

CARRIAGEWAYS



NOTES:

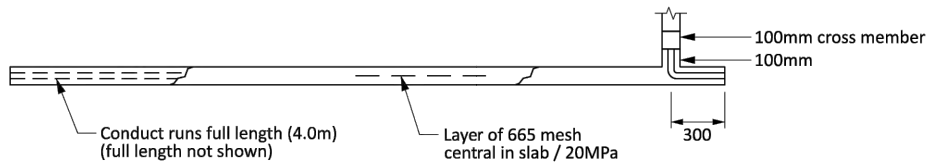
1. Minimum pavement reinstatement width to be 1000mm.
2. Sawcut, where appropriate, observing trimming allowances prior to commencing excavation.
3. Remove excavated material from site unless suitable for backfilling.
4. Place and compact backfill material in layers.
5. Place and compact metal pavement in appropriate lifts.
6. Reinstatement surfacing to required shape tolerances.
7. Carry out waterproof sealing of all asphalt trenches in carriageways.
8. Crossings to be replaced with crossings specification. (Refer to Drawings 'VEHICLE CROSSINGS AND PEDESTRIAN CUTDOWN SET OUT' and 'CROSS SECTION FOR FOOTPATH, VEHICLE CROSSINGS AND DEPRESSED KERB AND CHANNEL')



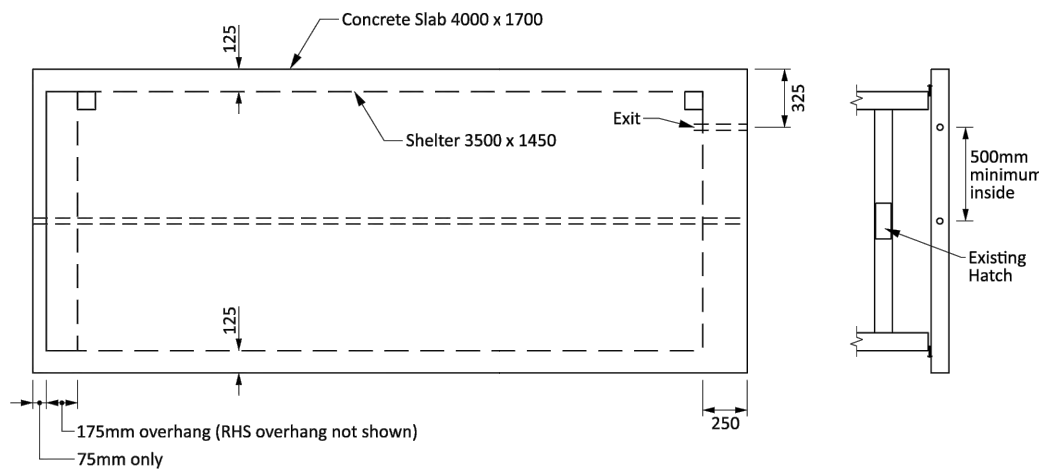
TRENCH REINSTATEMENT

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: December 2025



FRONT ELEVATION



PLAN

END



STANDARD 3.5m BUS SHELTER FOUNDATION DETAIL

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

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Survey	MAVEN		10/2025
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Drawn	AJP		10/2025
Checked			

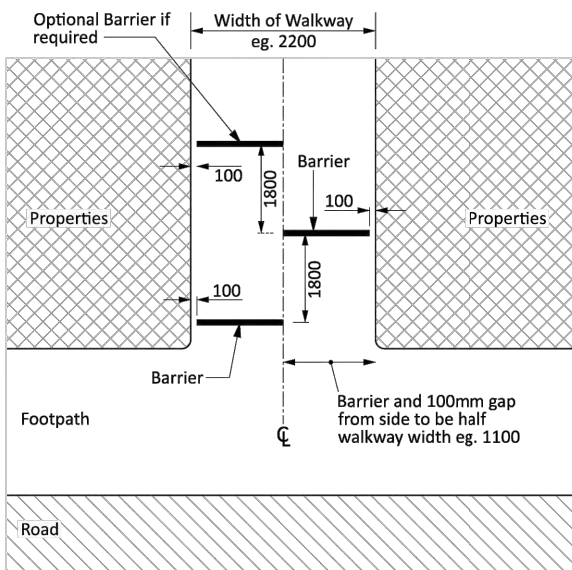


Project
**BRYMER FARMS
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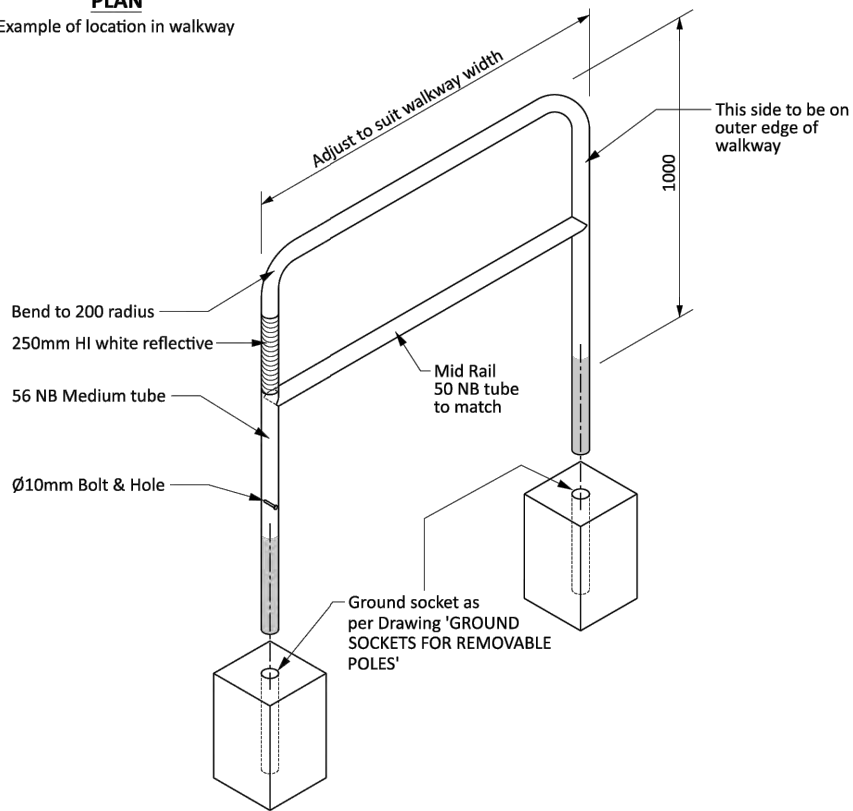
Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380
Rev	A

RESOURCE CONSENT



PLAN
Example of location in walkway



NOTES:

1. Concrete to have 20 MPa in place strength at 28 days.
2. Concrete to be finished flush with surrounding surface.
3. All pipe work to be galvanised.
4. For PED handrail use alternative mounting detail.
5. Above ground tubing to be powder coated white.



**PEDESTRIAN HANDRAIL
OR WALKWAY BARRIER**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



NOTES:

1. Sign to be double sided.
2. Sign to be mounted to the back of a bus stop / taxi pole.
3. Sign 200x200.
4. Symbol to suit sign.
5. Signs to comply with NZTA Traffic Control Devices Manual.



BUS STOP / TAXI SUPPLEMENT

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
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Survey	MAVEN	10/2025	
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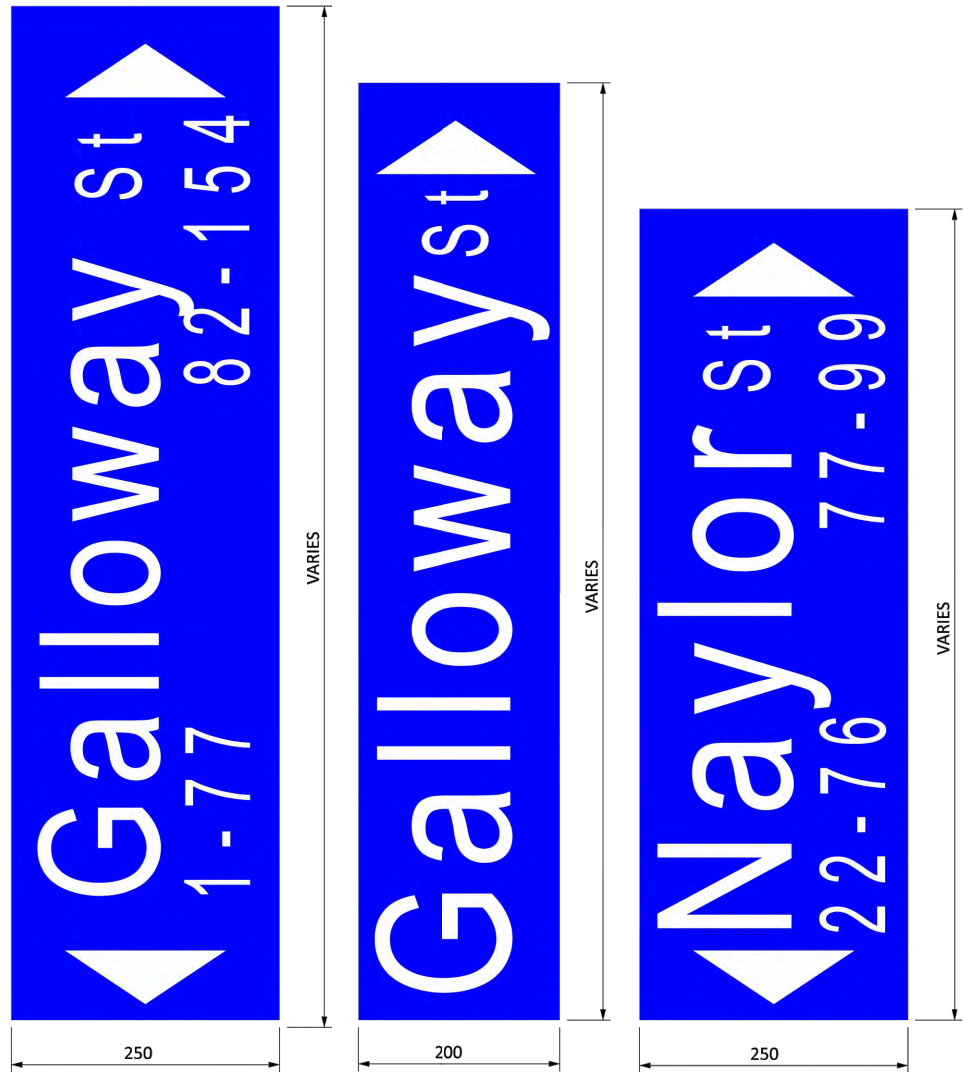


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-1
Rev	A

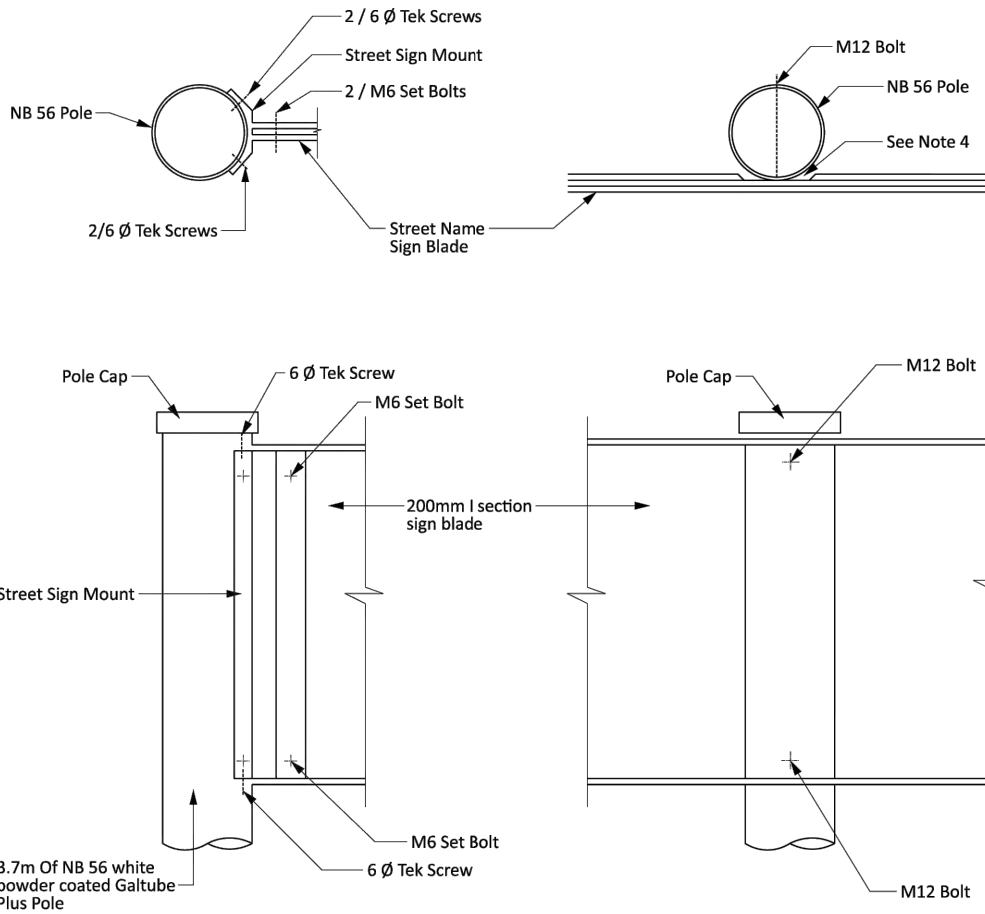
RESOURCE CONSENT



STREET NAME PLATE

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



NOTES:

1. Plastic washers are to be used against the sign face. Bolts are to be tightened in a manner which will not tear the reflective sheeting.
2. The distance between the ground and the top of the top sign blade shall be 3.0m.
3. Lettering on the sign blade to finish not less than 30mm from blade end to allow complete visibility of the sign.
4. Where street name signs are to be attached to other than N.B. 56 Poles, the street sign mount is to be slotted top and bottom and strapped to pole with stainless steel bands.
5. Cut notch into I section sign blade (top and bottom) to enable sign to sit flat against pole.
6. No Exit supplements are to be taped to bottom flange of sign.
7. 'Signfix' brackets shall be used for end mounted signs longer than 1.2m.



ATTACHMENT OF STREET NAME SIGN BLADES TO POLES

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

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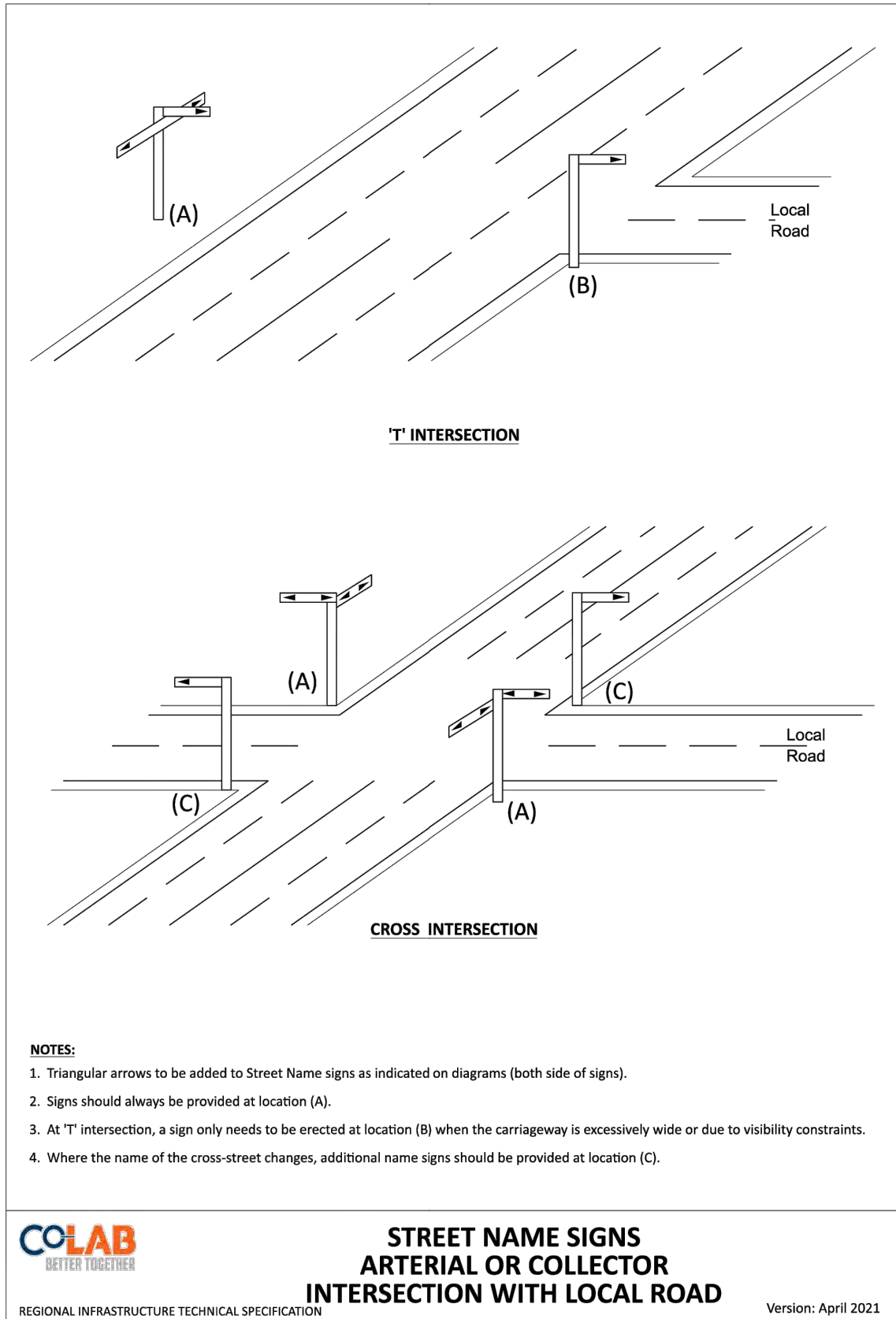
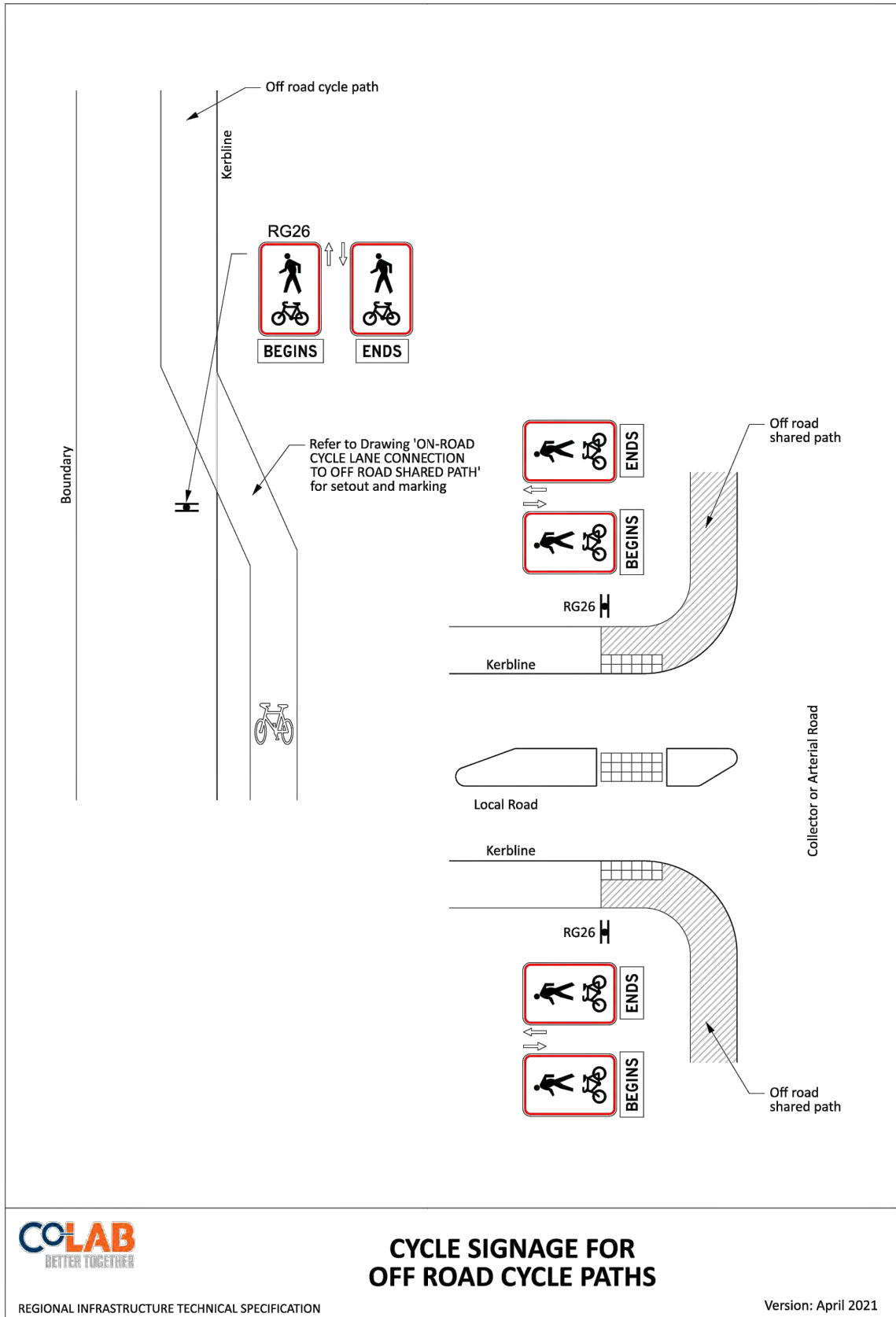


Project
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STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-2
Rev	A

RESOURCE CONSENT



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	By	Date	
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Drawn	AJP	10/2025	
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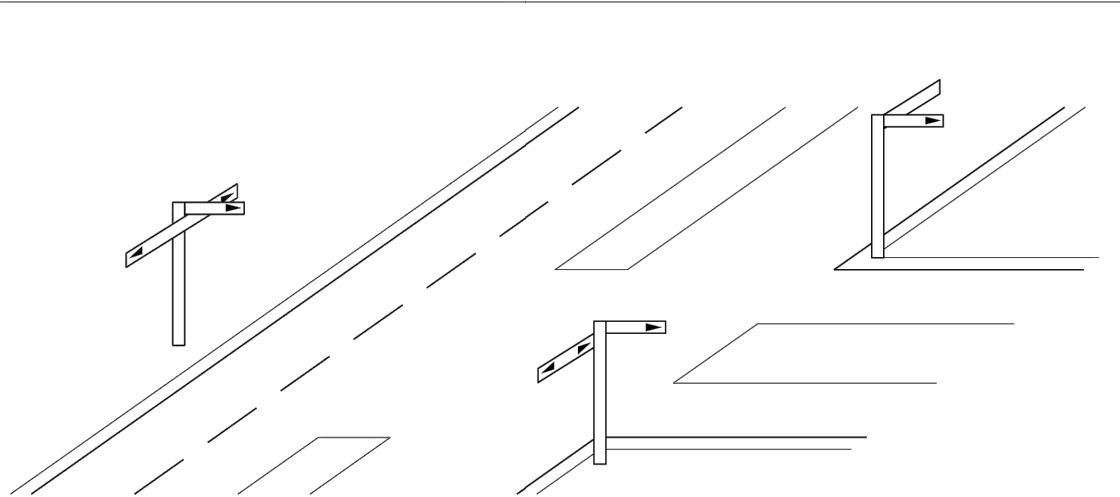


Project
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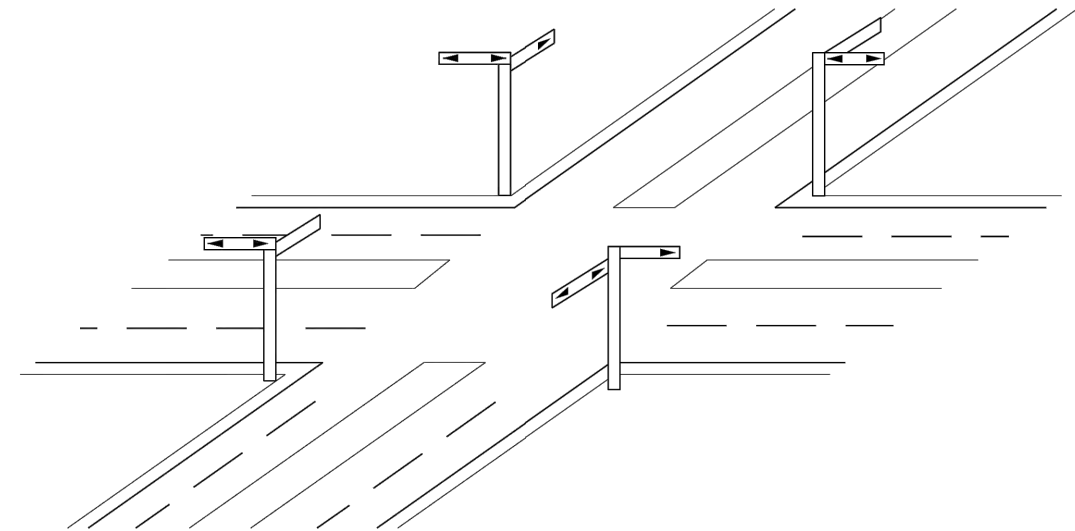
Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-3
Rev	A

RESOURCE CONSENT



'T' INTERSECTIONS



CROSS INTERSECTIONS

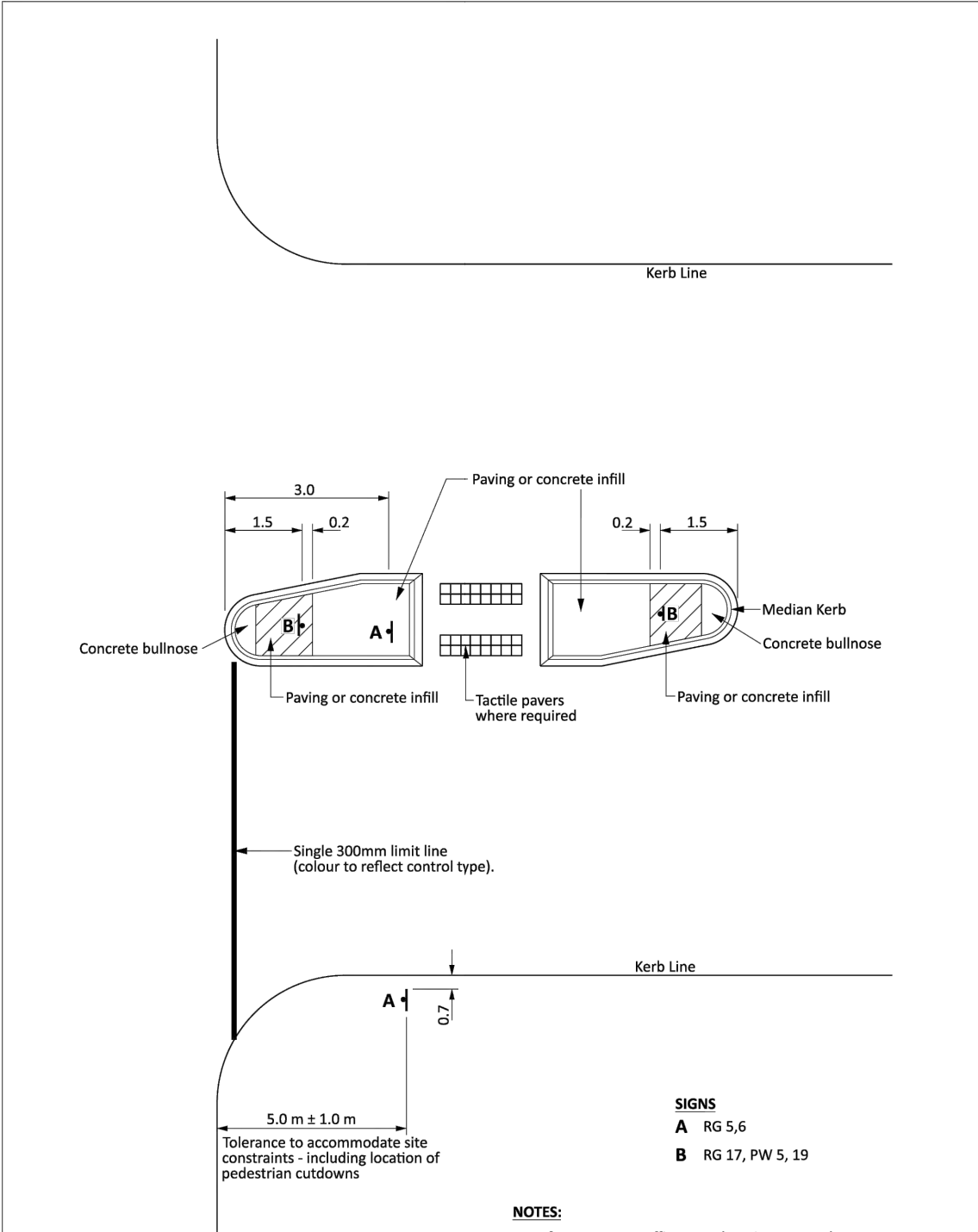
NOTES:
Triangular arrows to be added to Street Name signs as indicated on diagrams (both sides of sign).



**STREET NAME SIGNS
ARTERIAL / COLLECTOR INTERSECTION**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



NOTES:
1. Refer to NZTA - Traffic Control Devices Manual.
2. Refer to Drawing 'PEDESTRIAN CROSSING POINT LOCATION AT INTERSECTIONS' for location. Refer to Drawing 'PEDESTRIAN FACILITIES IN ISLANDS' for pedestrian details.



**SIGN LOCATION AND VISIBILITY AT
INTERSECTIONS**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

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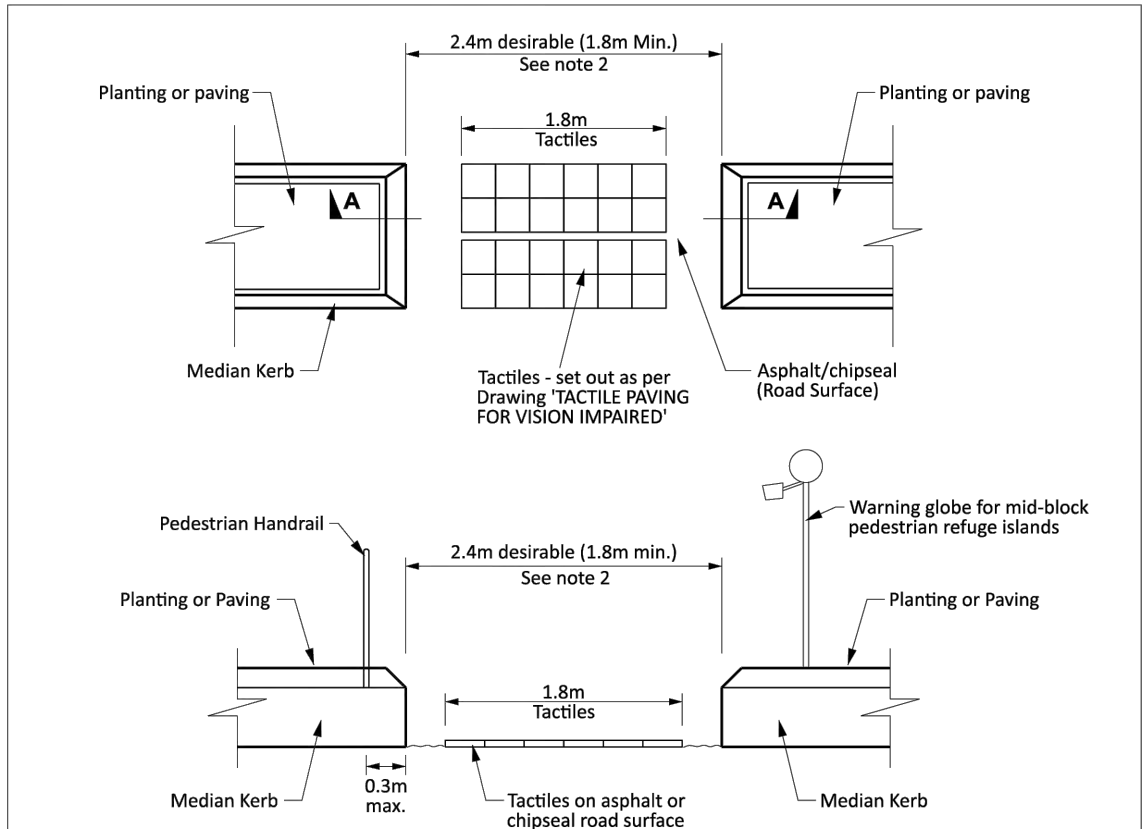


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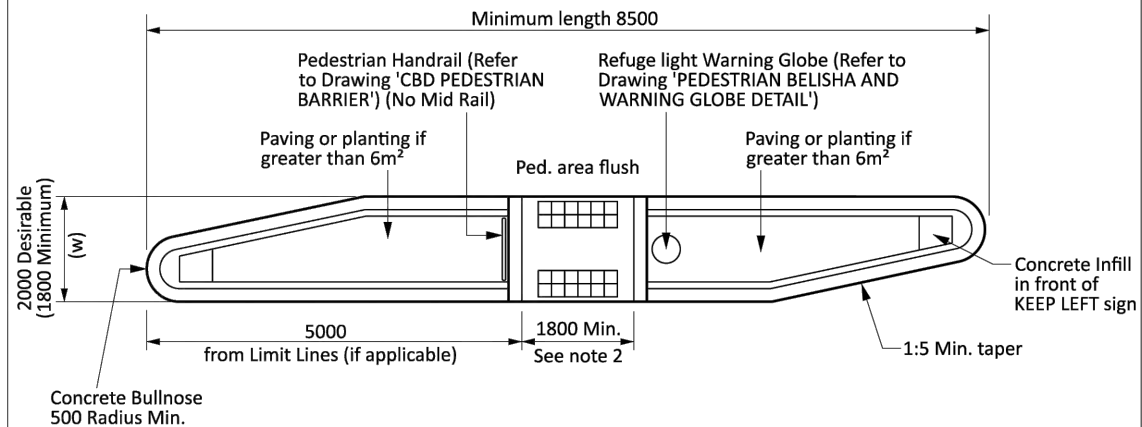
Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-4
Rev	A

RESOURCE CONSENT



SECTION A - A



ISLAND KERB DETAILS TYPICAL
Schematic only - specific design required

NOTES:

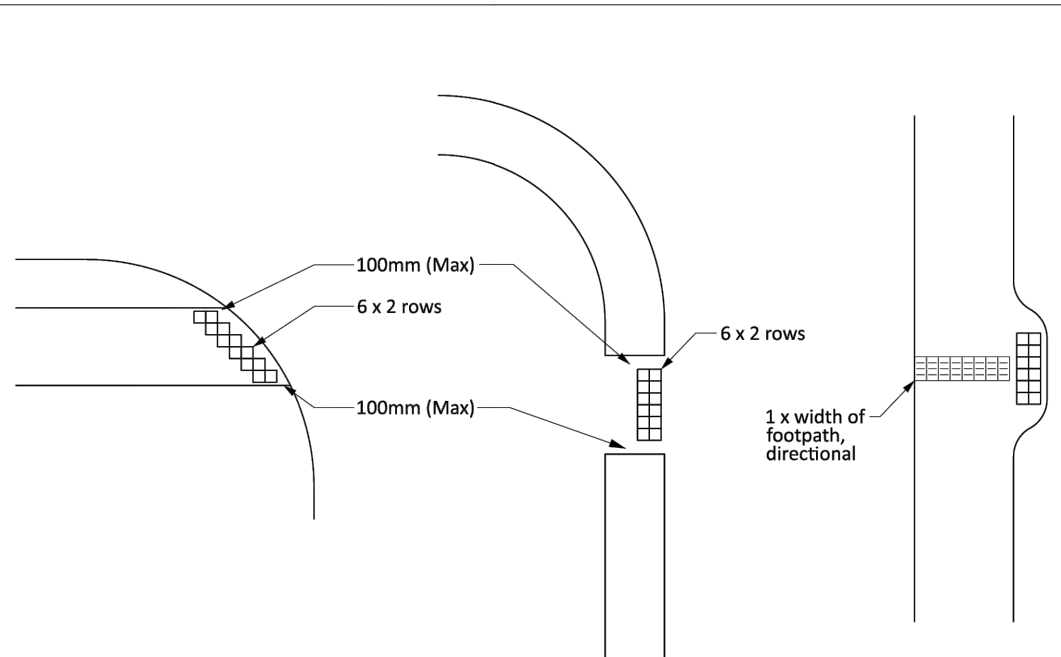
1. Pin on kerb islands to road surface using detail Drawing 'TRENCH REINSTATEMENT'
2. Width shall match the cutdown length of the pedestrian cutdowns immediately adjacent. (Refer to Drawing 'VEHICLE CROSSINGS AND PEDESTRIAN CUTDOWN SET OUT')



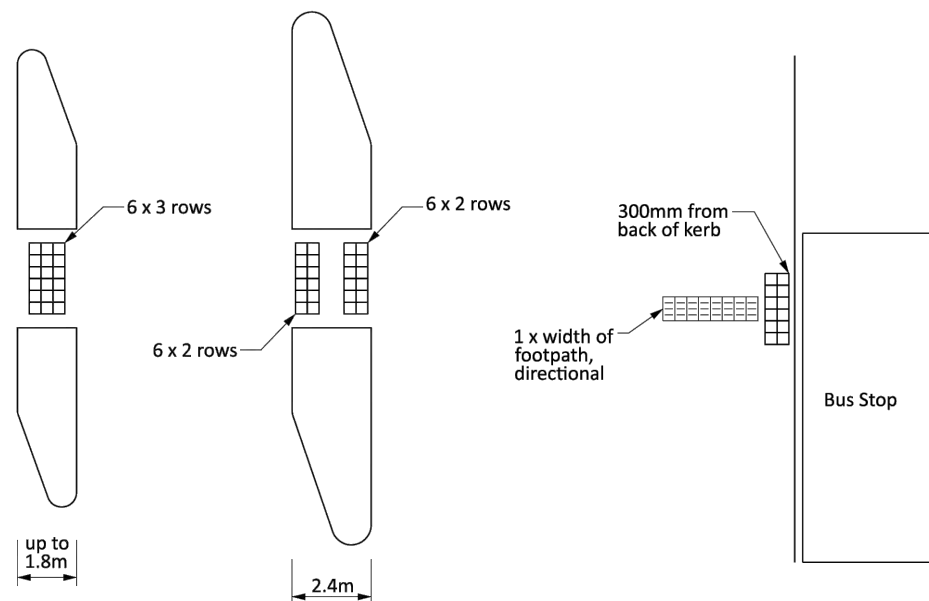
PEDESTRIAN FACILITIES IN ISLANDS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



PEDESTRIAN CUTDOWNS



ISLANDS

BUS STOPS



TACTILE PAVING FOR
VISION IMPAIRED

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

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Checked			

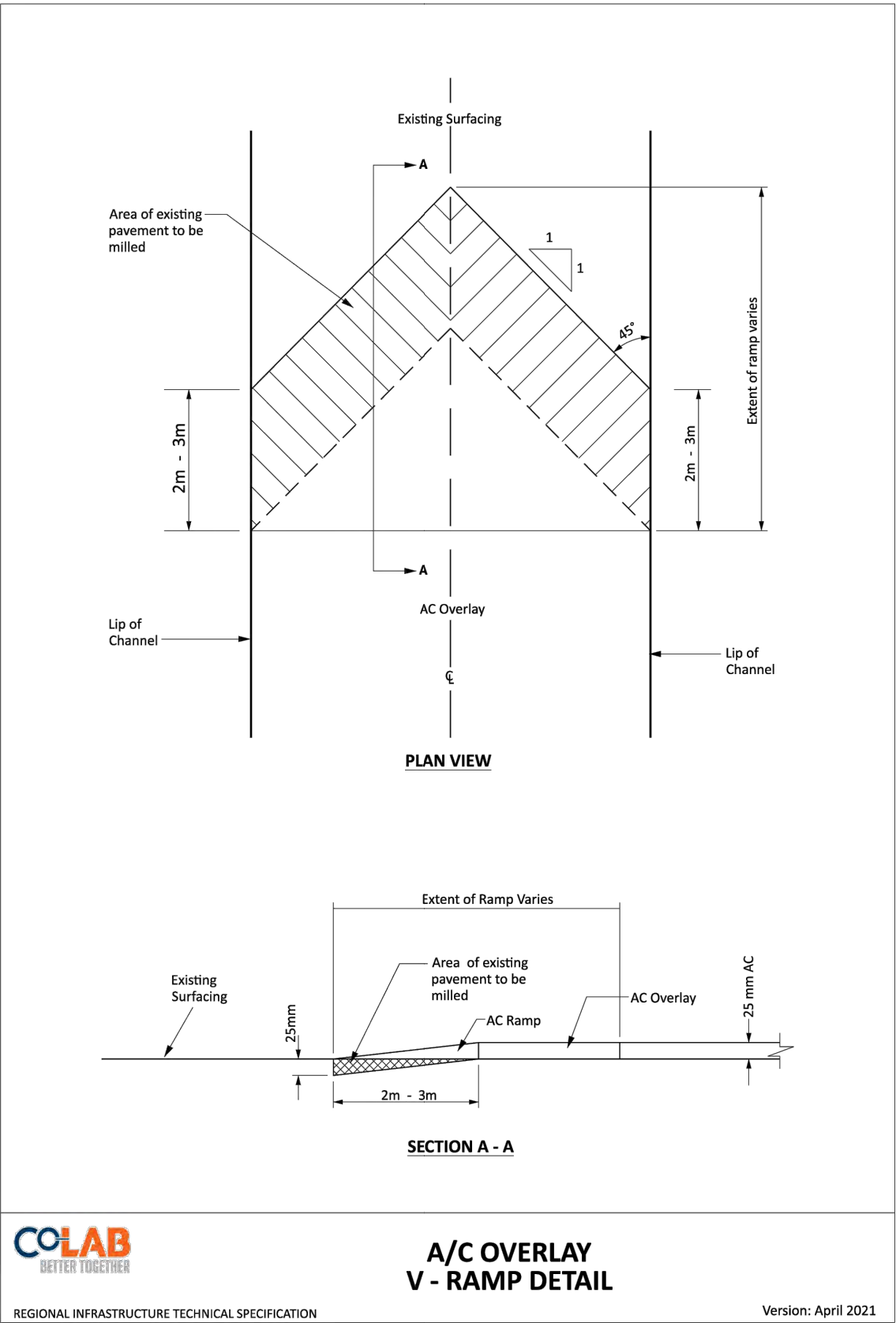
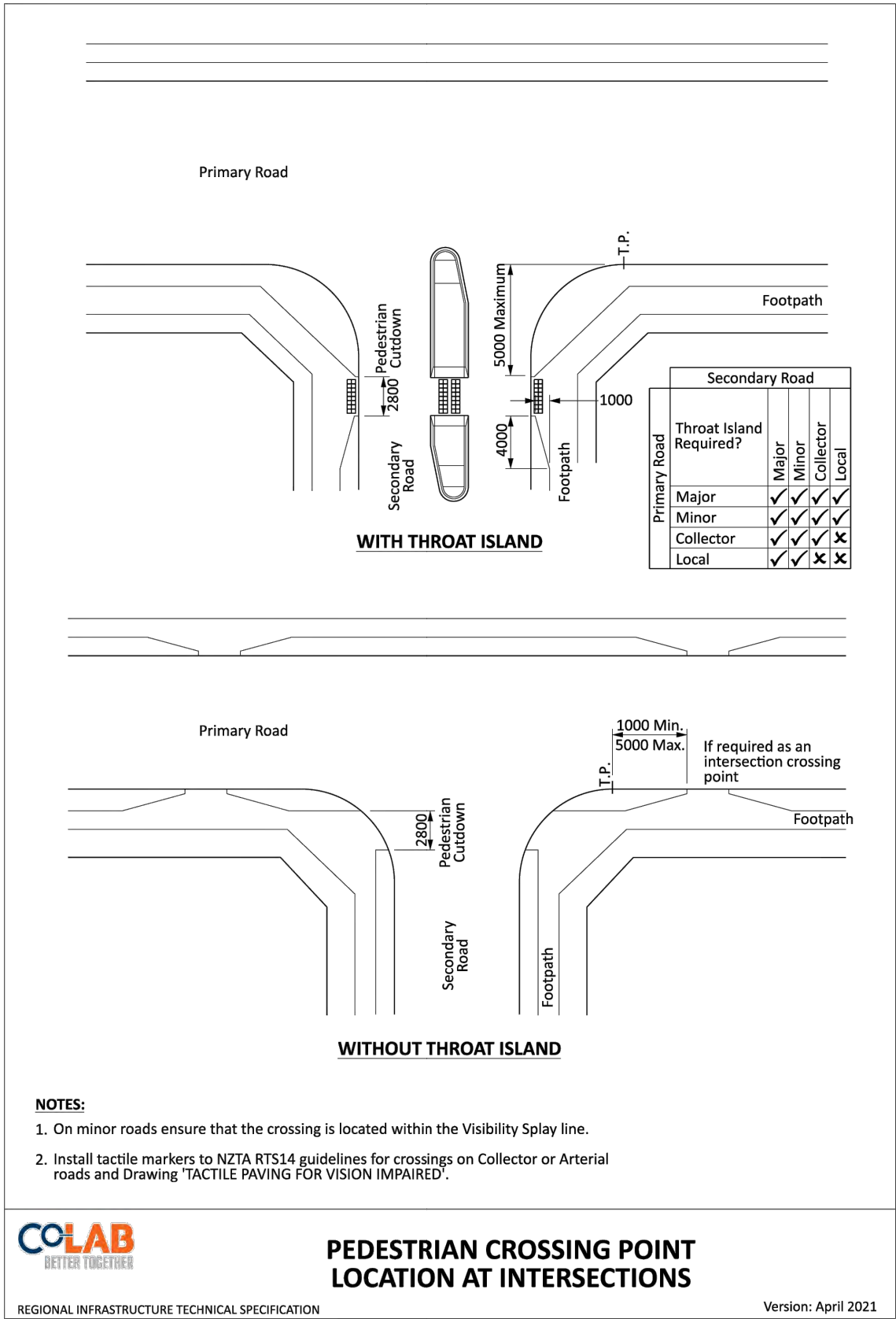


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Drawing no.	C380-5
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RESOURCE CONSENT



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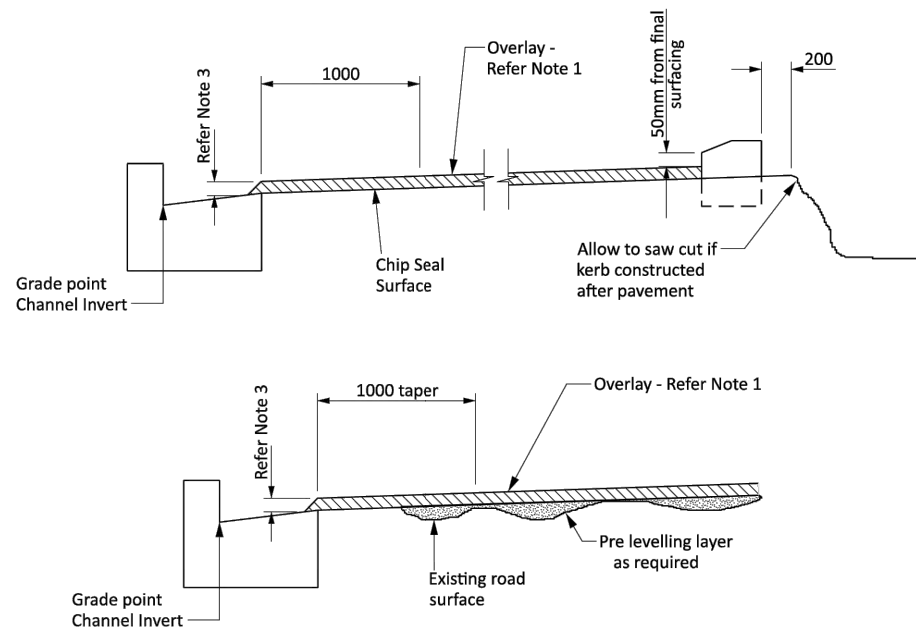
M
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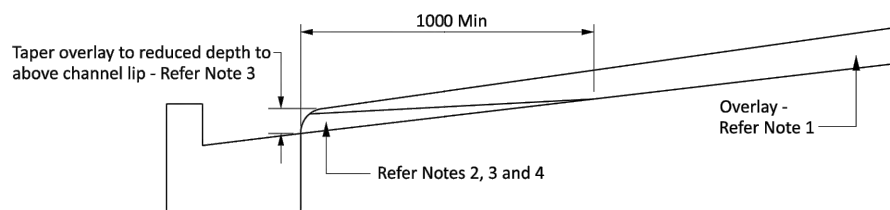
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**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-6
Rev	A

RESOURCE CONSENT



OVERLAY ON EXISTING CHIPSEAL SURFACE



OVERLAY EDGE DETAILS WHERE EXISTING SURFACE IS PROUD OF LIP OF CHANNEL

NOTES:

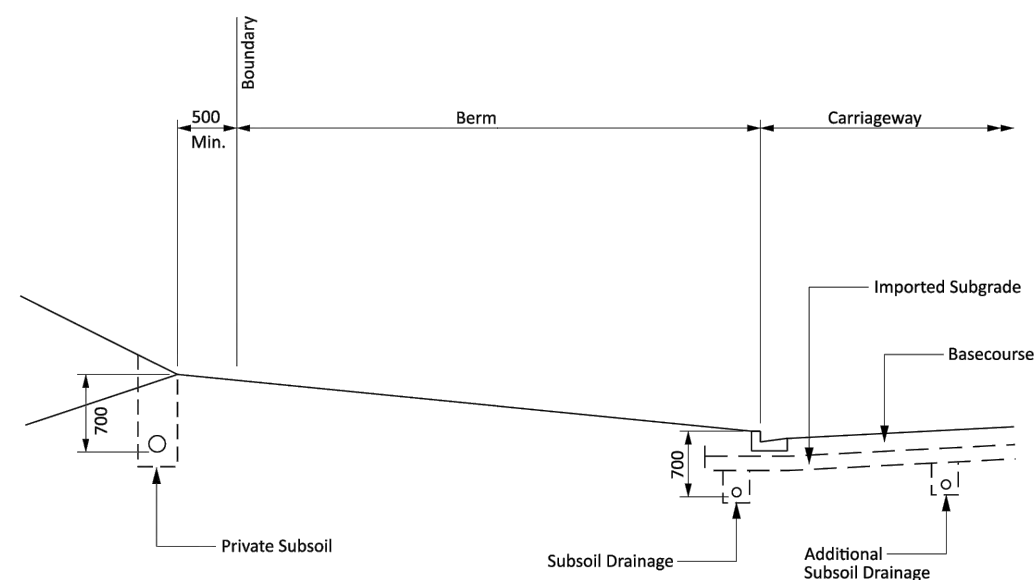
- Overlay thickness shall be the following unless specified otherwise:
 - AC Mix 10 - nominal 25mm thickness
 - OGPA (Open Graded Porous Asphalt) - nominal 30mm thickness
 - SMA - nominal 35mm thickness
- Prior to placing overlay:
 - Mill off existing surfacing to flush with lip of Kerb and Channel
 - Seal any exposed basecourse with bitumen and G5 chip.
- Tapering of overlay shall be made over a minimum of 1m - desirably 2m, resulting in a overlay depth of
 - 10mm for AC Mix and SMA
 - 15mm for OGPA
- When overlay is placed adjacent to a pedestrian cutdown extra care is required to ensure that the overlay ties into the lip of the channel and does not have a vertical face.



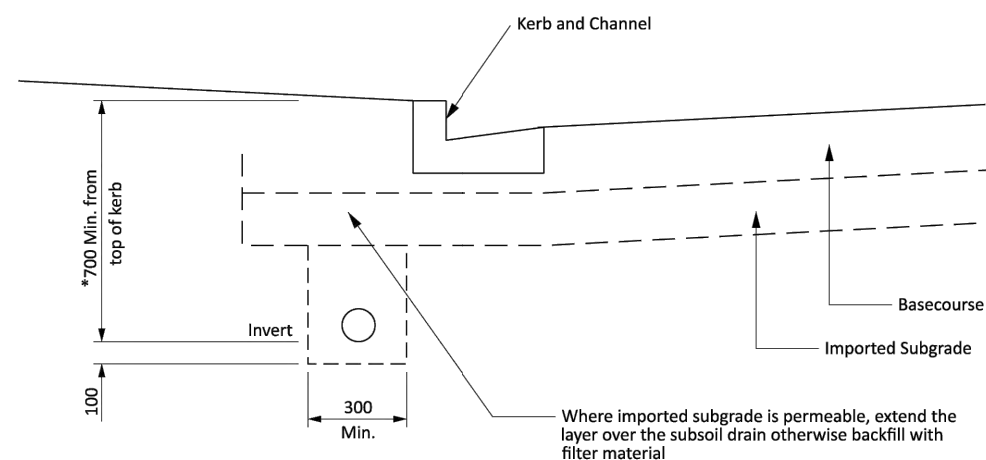
A/C, SMA AND OGPA
OVERLAY DETAILS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



TYPES OF SUBGRADE DRAINAGE



* Where possible subsoil drainage should desirably be 1000 from top of kerb with suitable outlet to catchpit or manhole

SUBSOIL DRAINAGE



LOCATION OF SUBSOIL DRAINAGE

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-7
Rev	A

RESOURCE CONSENT



COLAB
BETTER TOGETHER

Version: April 2021



Version: April 2021

Project no.	119014		
Scale	1:50 @ A3		
Cad file	119014-C380- ROAD STD DETAILS.DWG		
Drawing no.	C380-8	Rev	A

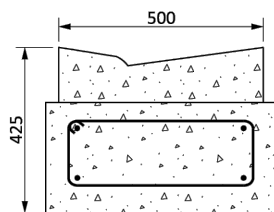
RESOURCE CONSENT



	Pedestrian Footpath (Single Residential Dwelling)	Residential Strength Vehicle Crossing (Multi Dwellings 2-6)	Commercial Strength Vehicle Crossing (Multi Dwellings 7+)	Industrial Strength Vehicle Crossings
Asphalt Surfacing	25mm Mix 10 Asphalt 150mm GAP 40 CBR > 10 Pavement Depth = 175mm	25mm Mix 10 Asphalt 175mm GAP 40 CBR > 10 Pavement Depth = 200mm	25mm Mix 10 Asphalt 225mm GAP 40 CBR > 10 Pavement Depth = 250mm	50mm Mix 20 Asphalt 250mm GAP 40 CBR > 10 Pavement Depth = 300mm
Concrete Surfacing	100mm Concrete 75mm sand / GAP 20 CBR > 10 Pavement Depth = 175mm	125mm Concrete 75mm sand / GAP 20 CBR > 10 Pavement Depth = 200mm	150mm Concrete 100mm GAP 20 CBR > 10 Pavement Depth = 250mm	175mm Concrete 125mm GAP 20 CBR > 10 Pavement Depth = 300mm
Interlocking Block Paving	50/60mm Paving Block 90mm GAP40 25mm Bedding Sand CBR > 10 Pavement Depth = 175mm	80mm Paving Block 90mm GAP40 25mm Bedding Sand CBR > 10 Pavement Depth = 195mm	80mm Paving Block 145mm GAP40 25mm Bedding Sand CBR > 10 Pavement Depth = 250mm	80mm Paving Block 195mm GAP40 25mm Bedding Sand CBR > 10 Pavement Depth = 300mm
Depressed Kerb and Channel Crossing	Pedestrian crossing (No Lip) 125mm 75 mm GAP 20 CBR > 10 Pavement Depth = 200mm	Residential dwelling vehicle crossing (1-6 Dwellings) 125mm 75 mm GAP 20 CBR > 10 Pavement Depth = 200mm	225mm 75 mm GAP 20 CBR > 10 Pavement Depth = 300mm	300mm 75 mm GAP 20 CBR > 10 Pavement Depth = 350mm

NOTES:

- Concrete - 28 Day in place minimum strength of 20MPa.
- Basecourse depth can be amended by using steel mesh reinforcing in concrete vehicle crossings (specific design required).
- Depth of sand / GAP material to be increased where the CBR is not achievable.



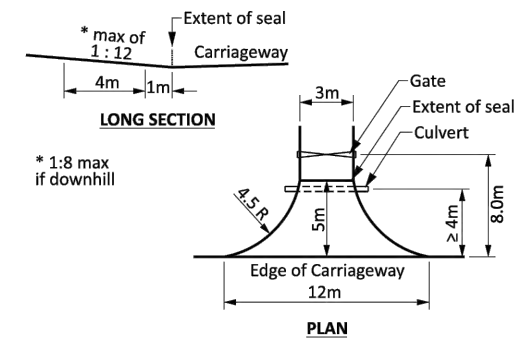
MACHINE EXTRUDED CROSSING
Pavement Depth = 425mm CBR > 10



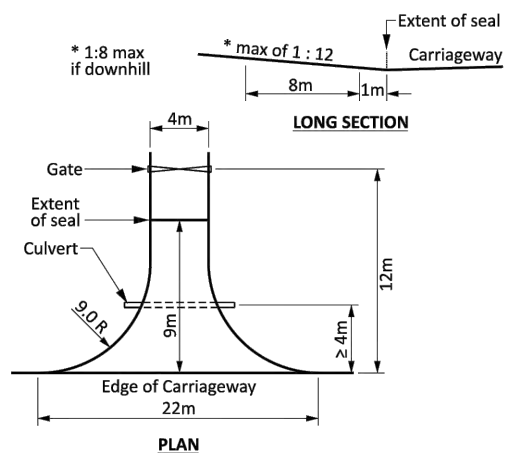
**CROSS SECTION FOR FOOTPATH,
VEHICLE CROSSINGS AND DEPRESSED
KERB AND CHANNEL**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

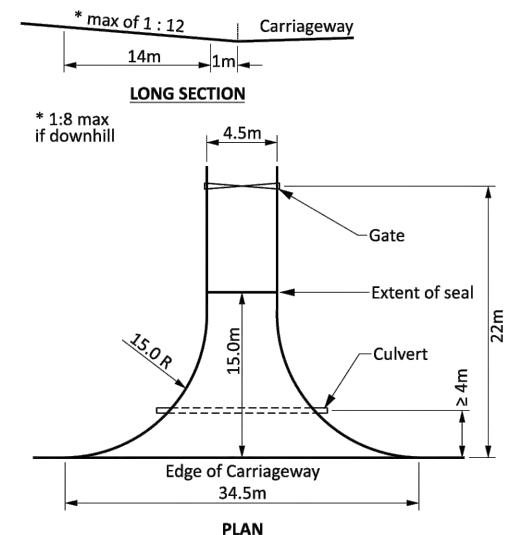
Version: April 2021



RESIDENTIAL < 2 ha



LIGHT COMMERCIAL 2 ha - 20 ha
(for light truck up to 12m long)



HEAVY COMMERCIAL > 20 ha
(for medium rigid truck up to 18m long)



**RURAL ENTRANCEWAYS -
RESIDENTIAL, LIGHT AND
HEAVY COMMERCIAL**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

NOTES:

- GENERAL
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING NOTES AND TO THE SATISFACTION OF COUNCIL. Additional requirements to those shown on this drawing may be necessary for a particular location and will be determined on site.
- The Contractor shall be responsible for traffic control while undertaking work within the road reserve and must obtain a CAR from Council.
- The Contractor shall be responsible for the cost of repairs to any underground utility services damaged during construction. Any damage shall be rectified to the satisfaction of the Utility Owner.
- A Rural Residential Vehicle Entrance is deemed to be adequate to accommodate a 5m long car turning into a property at a radius of 7.5m.
- The centreline of entrance formation meets carriageway not <70 degrees.
- See forms 'Privateway design confirmation' and 'Privateway Construction materials'
- LOCATION
- Each entrance shall be located to provide clear sight distance in both directions in accordance with NZTA RTS6.
- Separation distances shall be as indicated in Appendix 3A.
- CULVERT
- If an entrance crosses a public drain or water course the Contractor shall notify the Council who will need to agree to the culvert diameter, before installation.
- If the entrance crosses a watertable or small drain (less than 2m wide by 0.5m deep), a 300mm diameter minimum Reinforced Concrete Rubber Ring Joint (R.C.R.R.J.) Class 4 pipe shall be installed with a minimum 200mm cover.
- Any unsuitable bedding material including vegetation, topsoil and peat shall be removed and replaced in accordance with pipe manufacturers specifications.
- All culverts shall be laid straight at a constant grade, a minimum of 4.0m from the edge of carriageway. Socket end shall always be uphill.
- SUBBASE
- A minimum CBR of 5% is required before placement of sub-base material. If this CBR cannot be achieved, Council's roading consent staff will advise how to proceed. This may involve an additional depth of pavement construction, or the installation of geosynthetics.
- Pit sand, brown rock or similar material shall be placed, trimmed and compacted to provide minimum 150mm depth of subbase & total pavement of 250mm. The subbase shall be placed from the edge of the carriageway to the gate or cattlestop.
- BASECOURSE
- Clean good quality G.A.P. 40 basecourse metal shall be placed, trimmed and compacted to provide 100mm depth of basecourse from the carriageway to the gate or cattlestop.
- The basecourse material shall be trimmed to provide a crown in the centre of the entrance to ensure adequate surface drainage away from the road seal or property boundary.
- SURFACING
- If the entrance is off a metal surfaced road, NO additional surfacing over the basecourse material will be required.
- Each entrance off a sealed road shall be surfaced with a two coat bitumen/chip seal as a minimum surfacing standard. The surfacing shall be constructed with 180/200 grade bitumen and Grade 3 and 5 chip. The seal shall extend at least 5m, 9m & 15m as per sketches.
- See RITS clause 3.3.19.4

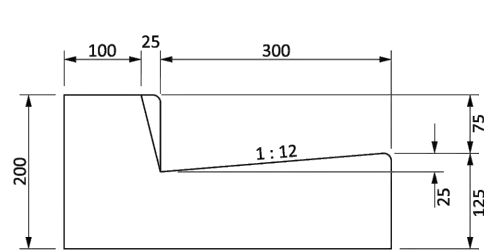
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Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



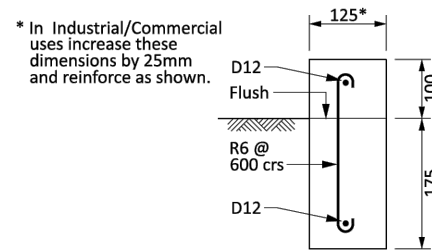
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

**RITS
STANDARD DETAILS**

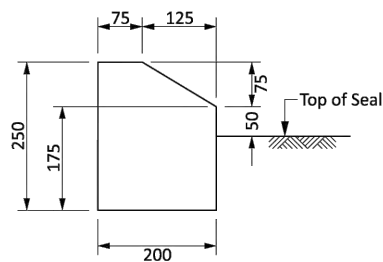
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Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-9
Rev	A



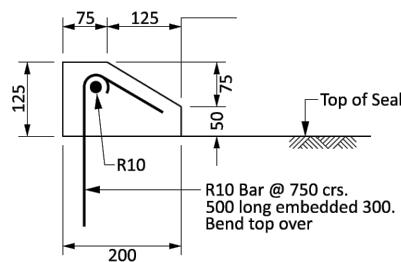
VERTICAL KERB & CHANNEL



EDGE RESTRAINT - (Parallel to Travel)

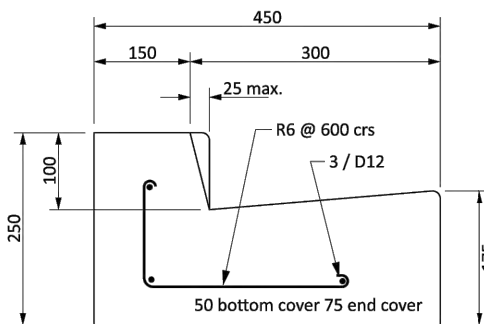


TYPE A - (Cast Insitu)

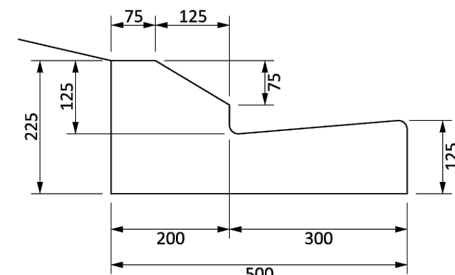


TYPE B - (Pinned to Pavement)

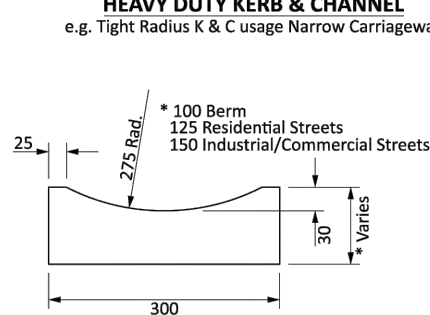
MEDIAN KERB



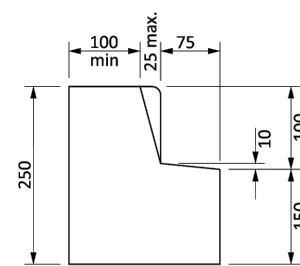
HEAVY DUTY KERB & CHANNEL
e.g. Tight Radius K & C usage Narrow Carriageway



MOUNTABLE KERB & CHANNEL



DISH CHANNEL



VERTICAL NIB KERB

NOTES:

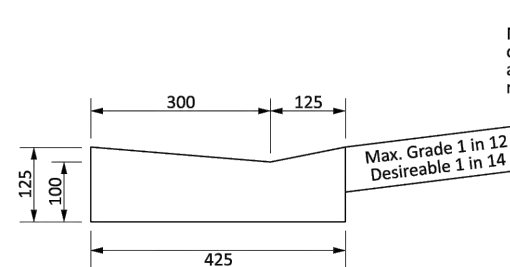
1. All concrete shall be 20 MPa in place.
2. Minimum radius for kerbs on Public roads 5.0m.



KERB AND CHANNEL PROFILES

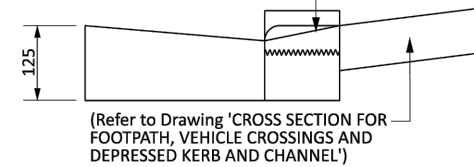
REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

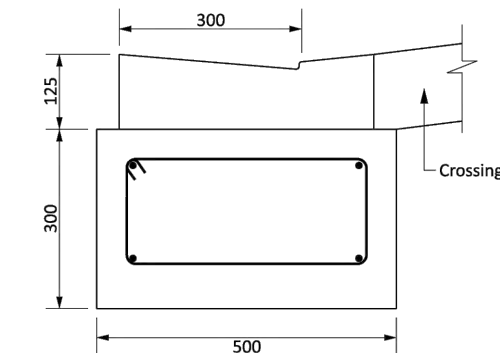


PEDESTRIAN / CYCLE CUTDOWN

New residential crossing in existing kerb and channel only. Saw cut 40mm deep and remove vertical portion and recast crossing - only applies where the channel is not cracked, otherwise replace kerb and channel.

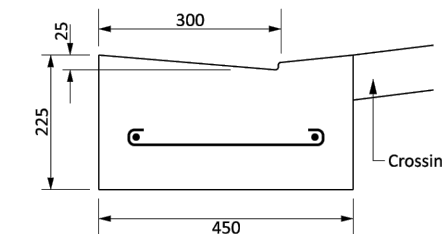


RESIDENTIAL CHANNEL CROSSING
(Less than 7 Household Units)

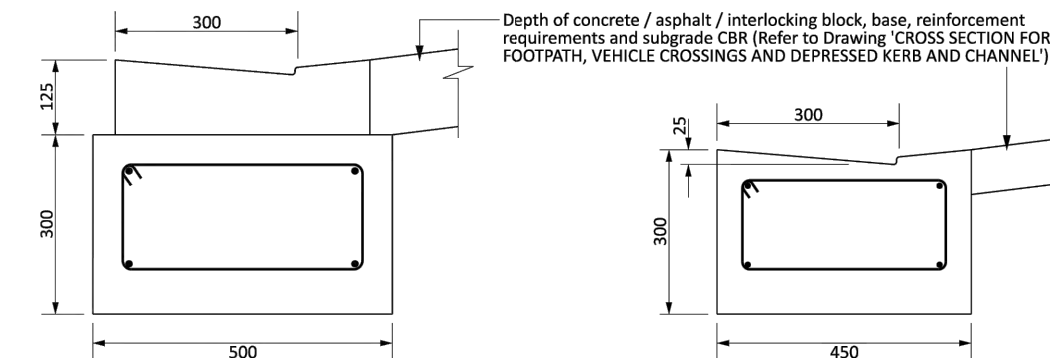


CASE A

COMMERCIAL CHANNEL CROSSING
(Also Residential Privateways 7 or more Household Units)

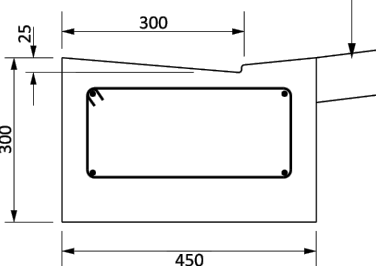


CASE B



CASE A

INDUSTRIAL CHANNEL CROSSING



CASE B

- Case A For Extrusion Machine Channel
Case B For Cast in Situ Channel

Reinforcing - D12 bars with R6 stirrups @ 600 crs
Reinforcement beam to extend 1500 either side of cutdown.
Side & Top Cover 50mm minimum
Bottom Cover 75mm minimum



VEHICLE CROSSING PROFILES

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN	10/2025	
Design	TCH	10/2025	
Drawn	AJP	10/2025	
Checked			



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

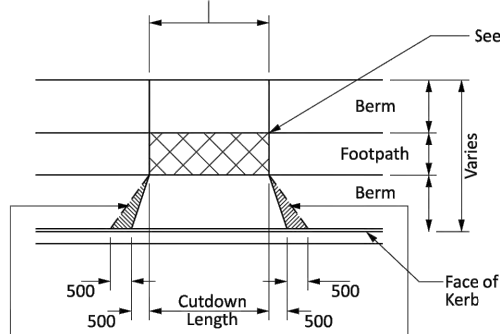
Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-10
Rev	A

RESOURCE CONSENT

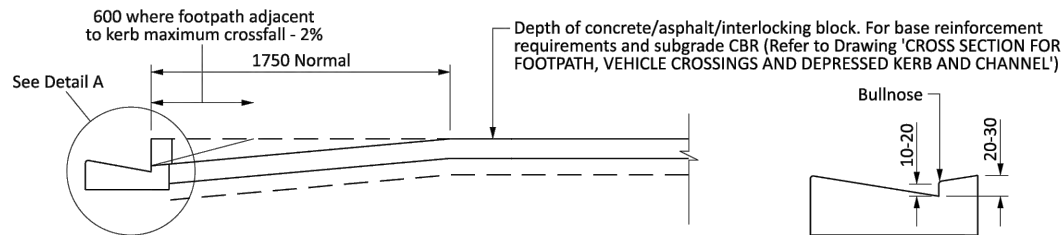
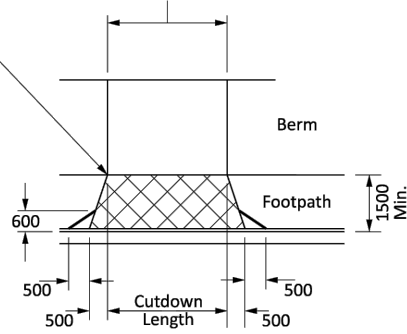


Crossing Width
· 3000 min./5500 max. - Residential Vehicle Crossing
· 5000 min./7500 max. - Commercial/Industrial Vehicle Crossing
· 1800 min./2400 Des. - Pedestrian Cut Down



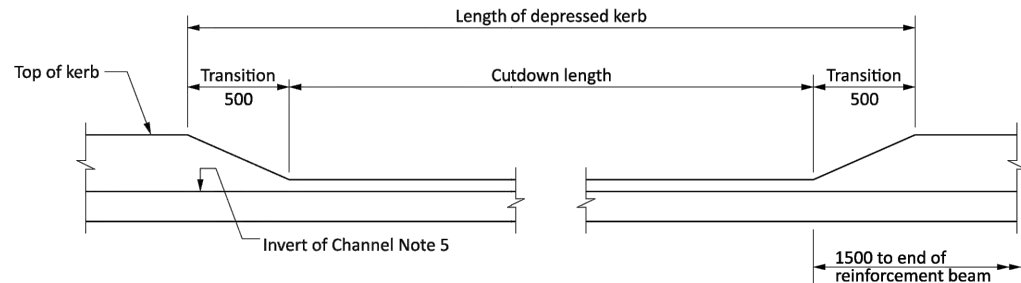
Cutdown & splay extension.
For Residential crossings, see Note 2.
For Commercial / Industrial crossings, see Note 3.

Crossing Width
· 3000 min./5500 max. - Residential
· 5000 min./7500 max. - Commercial/Industrial



SECTION THROUGH VEHICLE CROSSING

DETAIL A - VEHICLE CUTDOWN KERB
Refer to Note 5



PROFILE OF DEPRESSED KERB

NOTES:

1. When commercial and industrial crossings are constructed, the reinforcement beam is to extend 1500 either side of cutdown.
2. Cutdown and splay extension to be constructed where the carriageway width is less than 9000 and the crossing width is less than 4000.
3. This area is to be formed and surfaced to the Commercial/Industrial standard for all Commercial/Industrial vehicle crossings. This may be extended to where footpath commences.
4. The footpath within the crossing area shall removed and strengthened to match the vehicle crossing construction standard and then be surfaced with the same material as the footpath either side.
5. When crossing is a pedestrian cutdown use pedestrian / cycle cutdown shown in Drawing 'PEDESTRIAN FACILITIES IN ISLANDS'



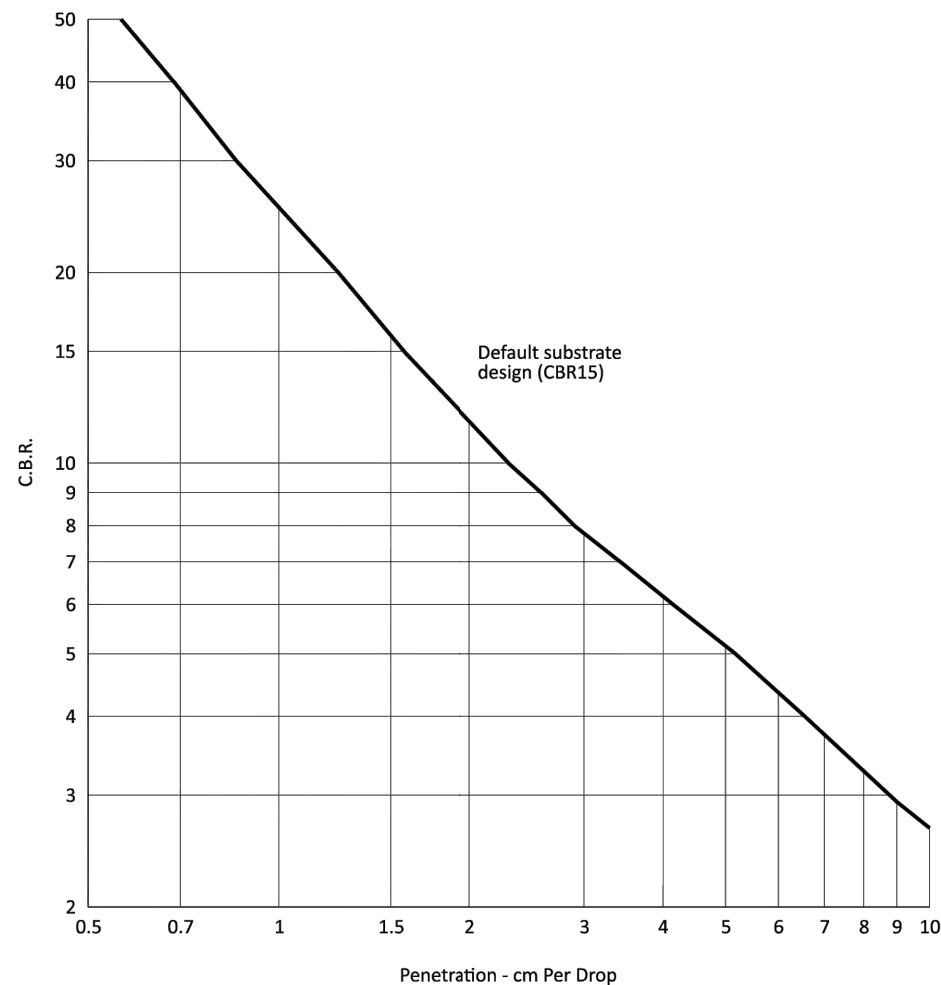
**VEHICLE CROSSING AND
PEDESTRIAN CUTDOWN SET OUT**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

NOTES:

1. C.B.R. values obtained from the ground are not applicable where material contains aggregate greater than 10mm in size.
2. Penetration readings are valid after 75mm of penetration into firm material being tested.
3. To use graph below, count number of blows for each 100mm (10cm) approx. of penetration and divide by number of drops. This gives Penetration (cm per blow).
4. Graphs show C.B.R. (California Bearing Ratio) equivalent values on Hamilton Sand Silt materials.
5. Plot is based on research work undertaken by J.F. Briggs, Senior Engineer, M.W.D., Hamilton.
6. Minimum test depth of 100mm



SCALA PENETROMETER (9kg Hammer)



**C.B.R. v PENETRATION GRAPHS FOR
HAMILTON SAND SILT MATERIALS**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-11
Rev	A

RESOURCE CONSENT

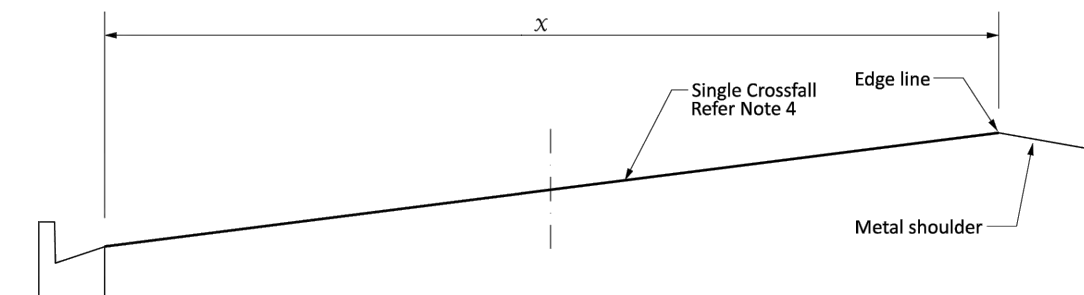
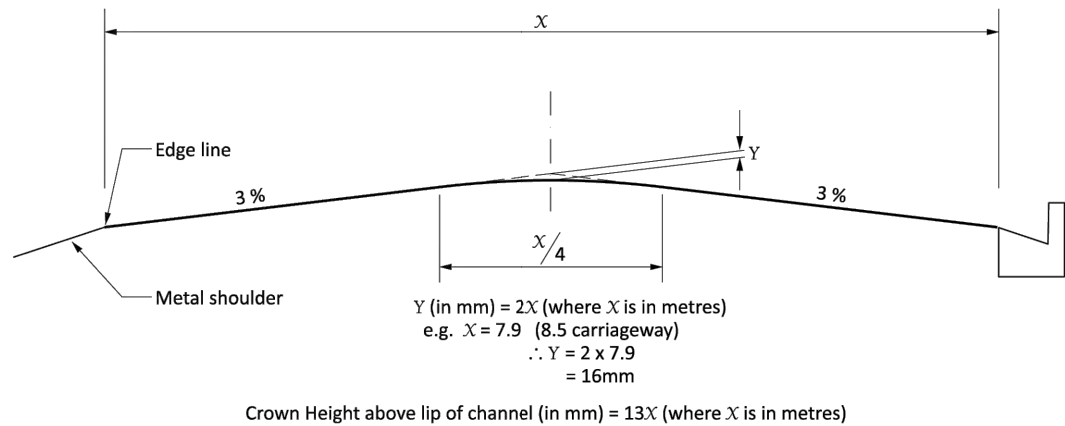


TABLE OF FINISHED SURFACE TOLERANCES FOR FLEXIBLE PAVEMENTS			
At top of Layer	Centreline and near Pavement edge	At Channel edge or Edge of Seal	Deviation from 3m straight edge or camber board
Surface		Flush	1: 12mm chipseal 2: 8mm asphalt
Basecourse	-5mm to +15mm	1: 0mm to +10mm 2: -5mm to +5mm	12mm
Sub-base	-25mm to +5mm	-25mm to +5mm	15mm
Subgrade	-30mm to 0mm	-30mm to 0mm	15mm

NOTES:

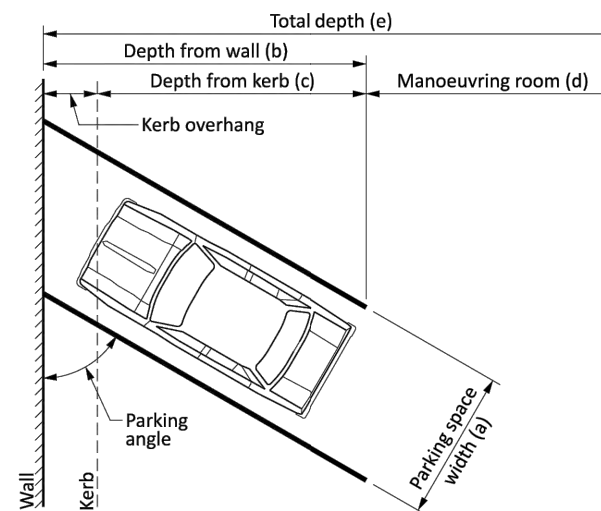
- Chip sealed surface bitumen flush with channel lip with chip above
- Asphalt surface (minimum 25mm thick) flush with channel lip
- Construction levels are based on lip of channel, appropriate crossfall and designed pavement layer thickness
- Single crossfall fo super-elevation or private entrance.



NORMAL CARRIAGEWAY CAMBER AND CONSTRUCTION TOLERANCES

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



DIMENSION TABLE							
Type of parking		Stall width (a)	Stall depth		Manoeuvre width (d)	Total depth (e)	
Parking angle (x)	Type		From wall (b)	From kerb (c)		One row	Two rows
			ALL MEASUREMENTS ARE IN METRES				
90	Nose in	2.4	5.1	4.1	7.9	13.0	18.1
		2.5			7.6	12.7	17.8
		2.6			7.2	12.3	17.4
		2.7			6.8	11.9	17.0
75	Nose in	2.4	5.4	4.4	6.4	11.3	17.2
		2.5			5.8	11.2	16.6
		2.6			5.2	10.6	16.0
		2.7			4.6	10.0	15.4
60	Nose in	2.4	5.4	4.5	4.5	9.9	15.3
		2.5			4.2	9.6	15.0
		2.6			3.9	9.3	14.7
		2.7			3.6	9.0	14.4
45	Nose in	2.4	5.0	4.2	3.6	8.6	13.6
		2.5			3.5	8.5	13.5
		2.6			3.4	8.4	13.4
		2.7			3.3	8.3	13.3
30	Nose in	2.4	4.3	3.7	3.0	7.3	11.6
		2.5					
		2.6					
		2.7					
0	Parallel	2.5	Stall length 6.0		3.7	6.2	8.7
1. Parallel parking spaces (Parking Angle = 0) shall be 6m long, except where one end of the space is not obstructed, in which case the space may be reduced to 5m. 2. Minimum aisle and accessway widths shall be 3m for one way flow, and 5.5m for two way flow. Recommended aisle and accessway widths are 3.5m for one way flow, and 6m for two way flow. 3. Maximum kerb height = 150mm 4. Parking space dimensions will vary for accessible car park spaces. Add 1 metre to dimension (a) 5. A kerb cut down and crossing will be required for accessible car park spaces.							



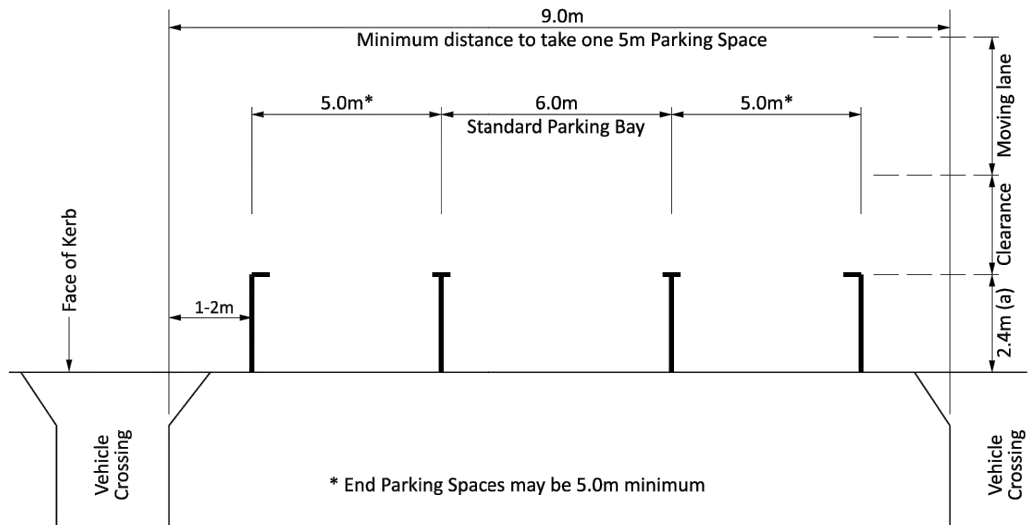
PARKING SPACES

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

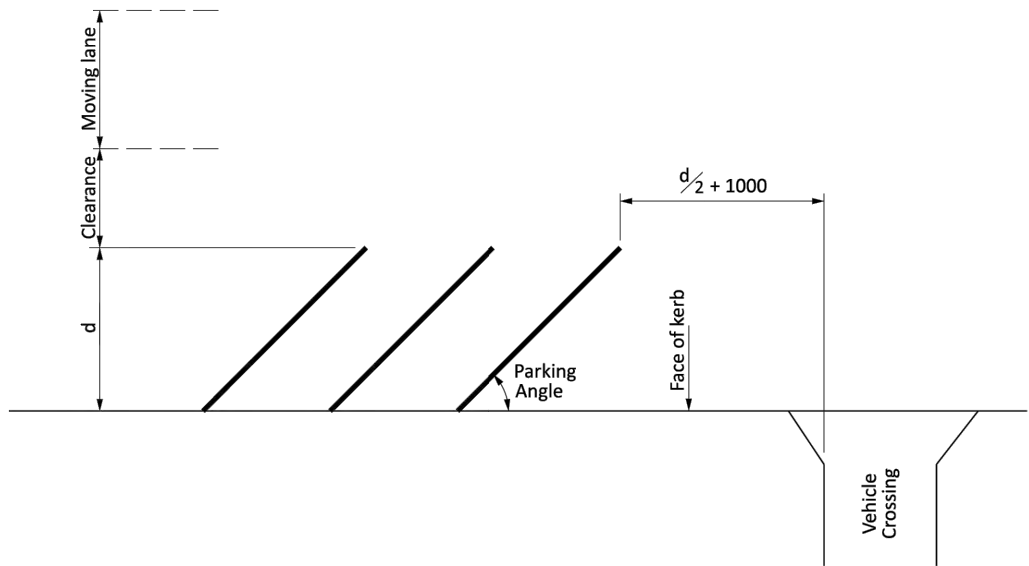
Version: July 2025

RESOURCE CONSENT

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	TCH	10/2025	
Drawn	AJP	10/2025	
Checked			
 Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project BRYMER FARMS FOR BRYMER FARMS LIMITED			
Title RITS STANDARD DETAILS			
Project no.	119014		
Scale	1:50 @ A3		
Cad file	119014-C380- ROAD STD DETAILS.DWG		
Drawing no.	C380-12	Rev	A



PARALLEL PARKING



ANGLE PARKING

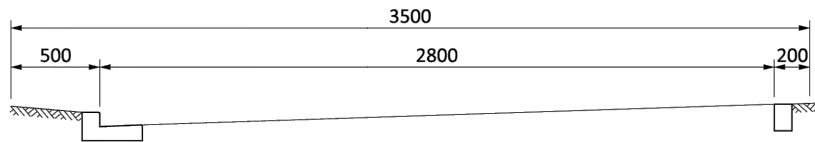
- NOTES:**
- 1. Refer to Drawing 'PARKING SPACES' for the Dimension Table .
 - 2. Mobility space width = stall width (a)+1m



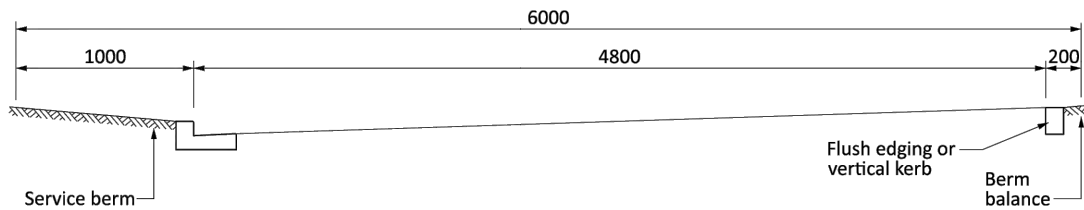
ON STREET PARKING
DIMENSIONS AND SETOUT

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



2-4 HOUSEHOLD UNITS



5-10 HOUSEHOLD UNITS

Crossfall direction generally with
natural crossfall of the ground.



STANDARD URBAN RESIDENTIAL
PRIVATE WAYS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	TCH	10/2025	
Drawn	AJP	10/2025	
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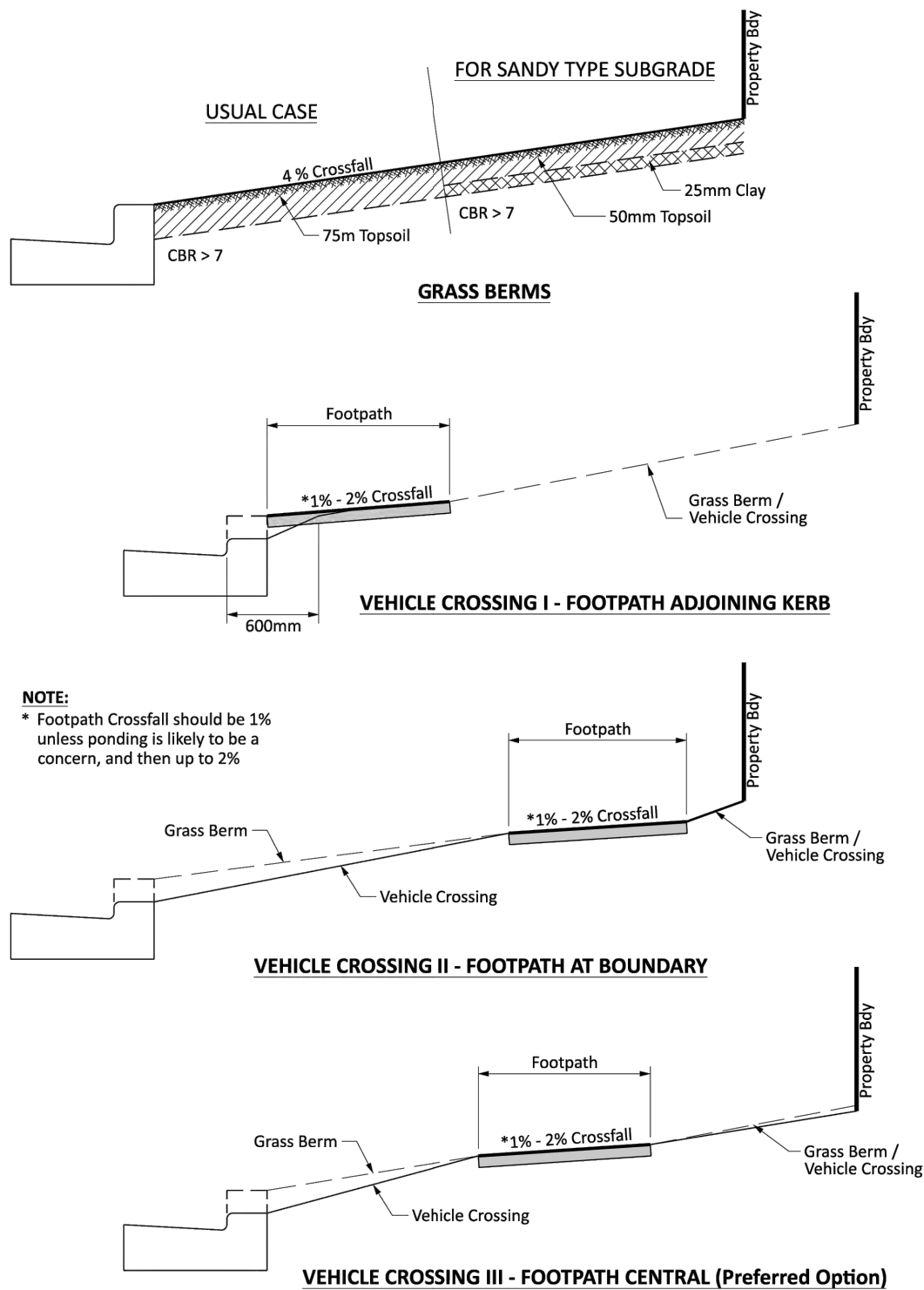


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-13
Rev	A

RESOURCE CONSENT



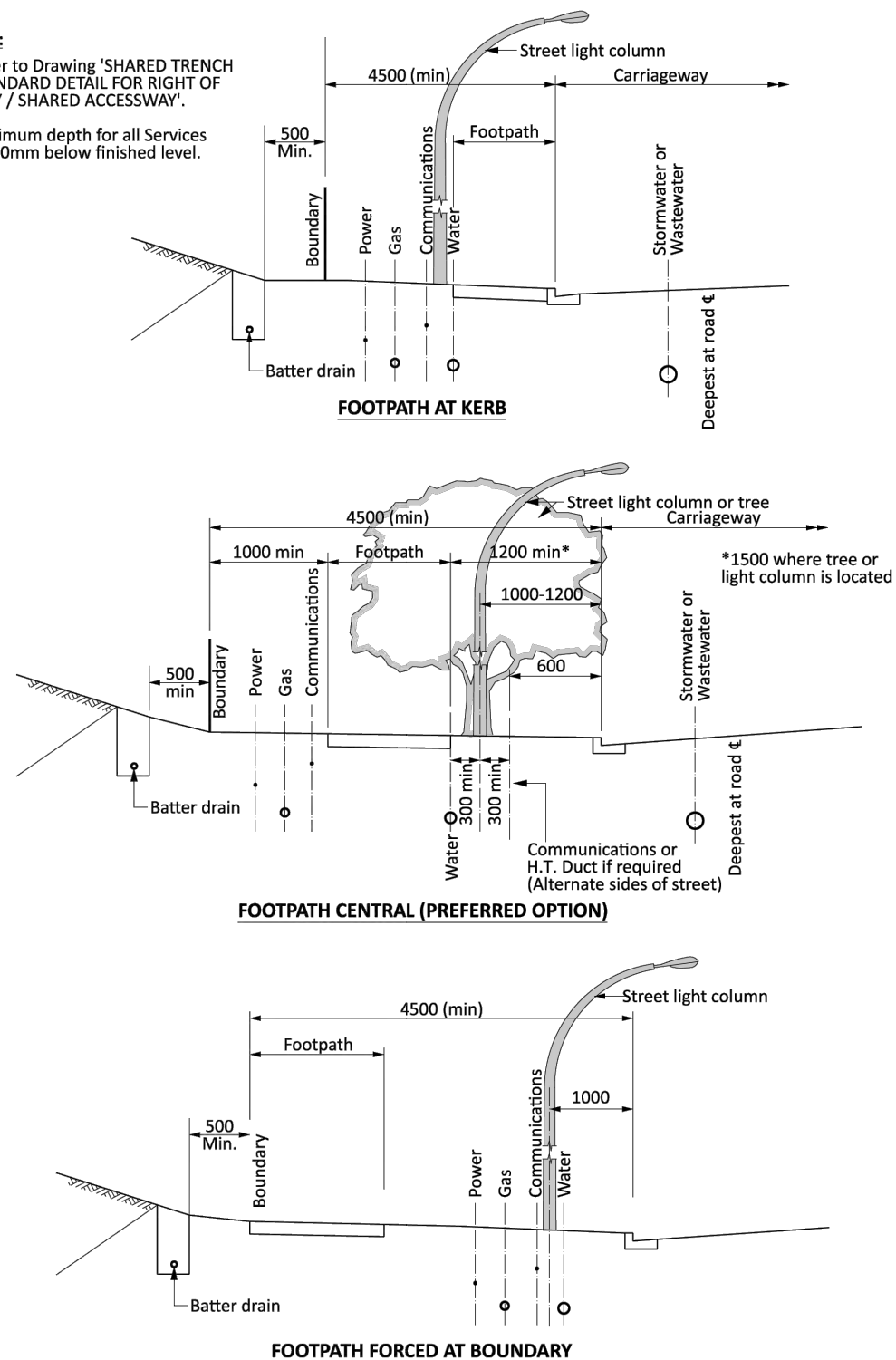
CROSS SECTION DETAILS TYPICAL BEAM

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

NOTES:

1. Refer to Drawing 'SHARED TRENCH STANDARD DETAIL FOR RIGHT OF WAY / SHARED ACCESSWAY'.
2. Minimum depth for all Services = 600mm below finished level.



LOCATION OF SERVICES IN TRANSPORT CORRIDOR

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			

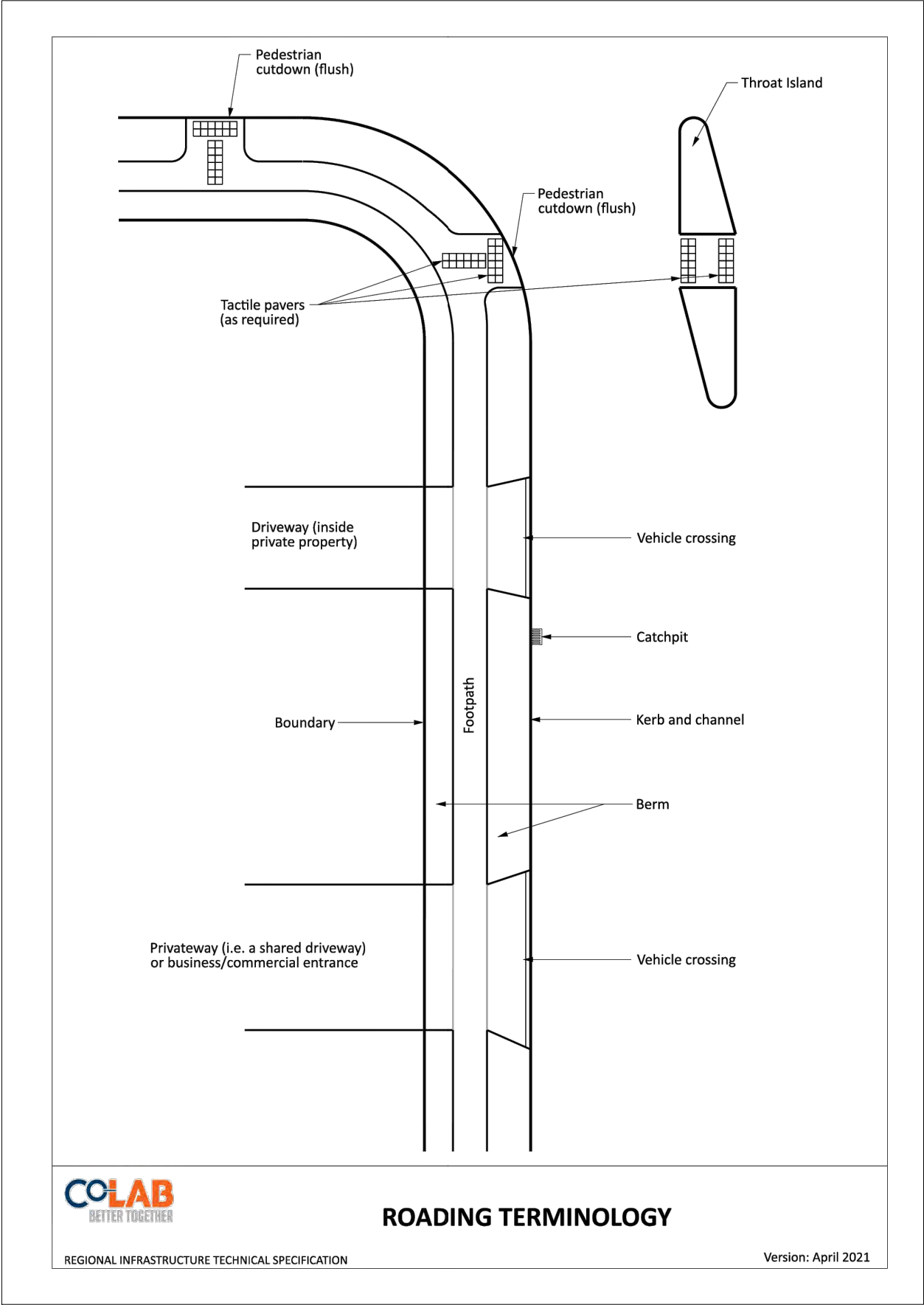


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-14
Rev	A

RESOURCE CONSENT



A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	TCH	10/2025	
Drawn	AJP	10/2025	
Checked			



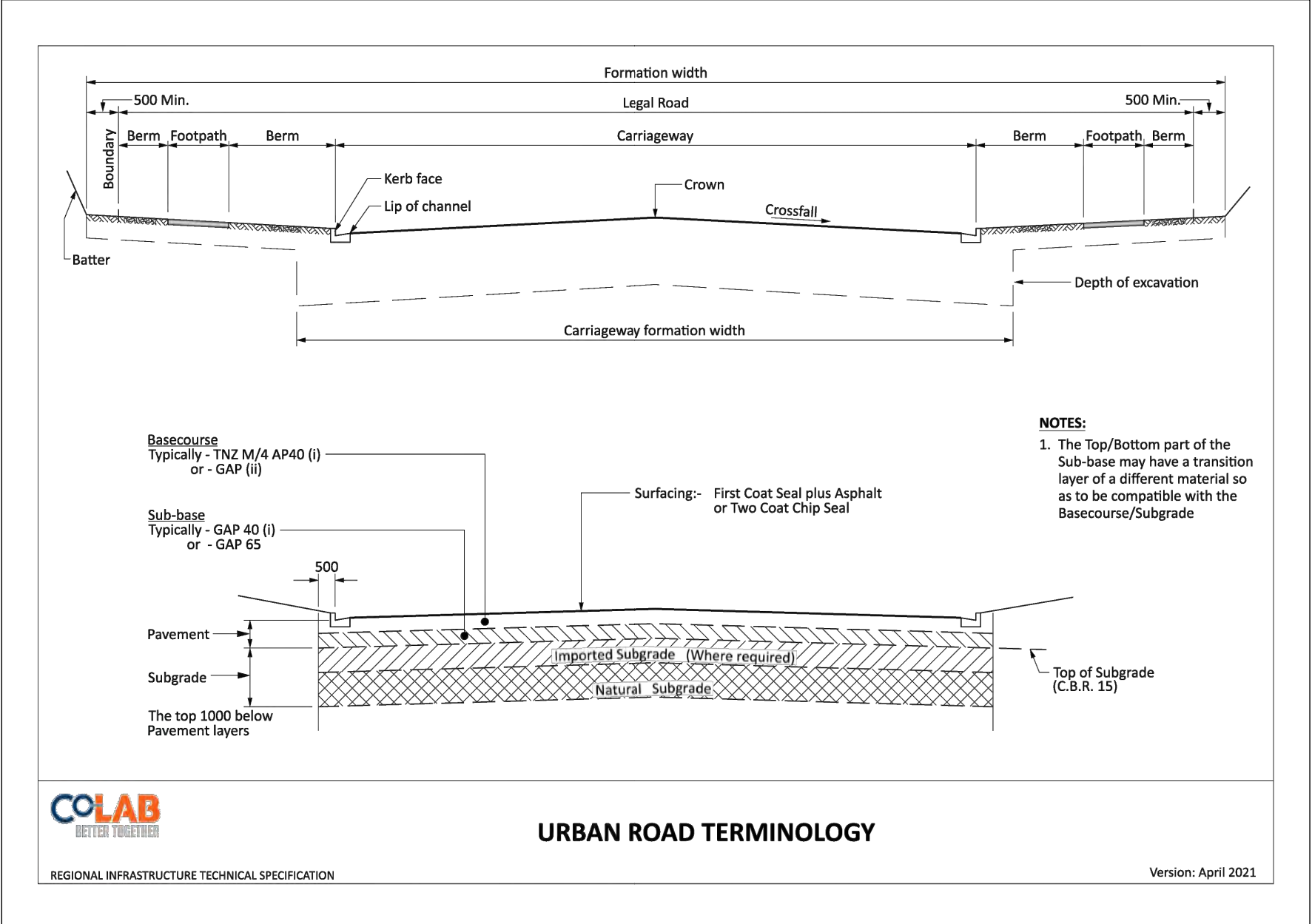
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014		
Scale	1:50 @ A3		
Cad file	119014-C380- ROAD STD DETAILS.DWG		
Drawing no.	C380-15	Rev	A

RESOURCE CONSENT



A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			

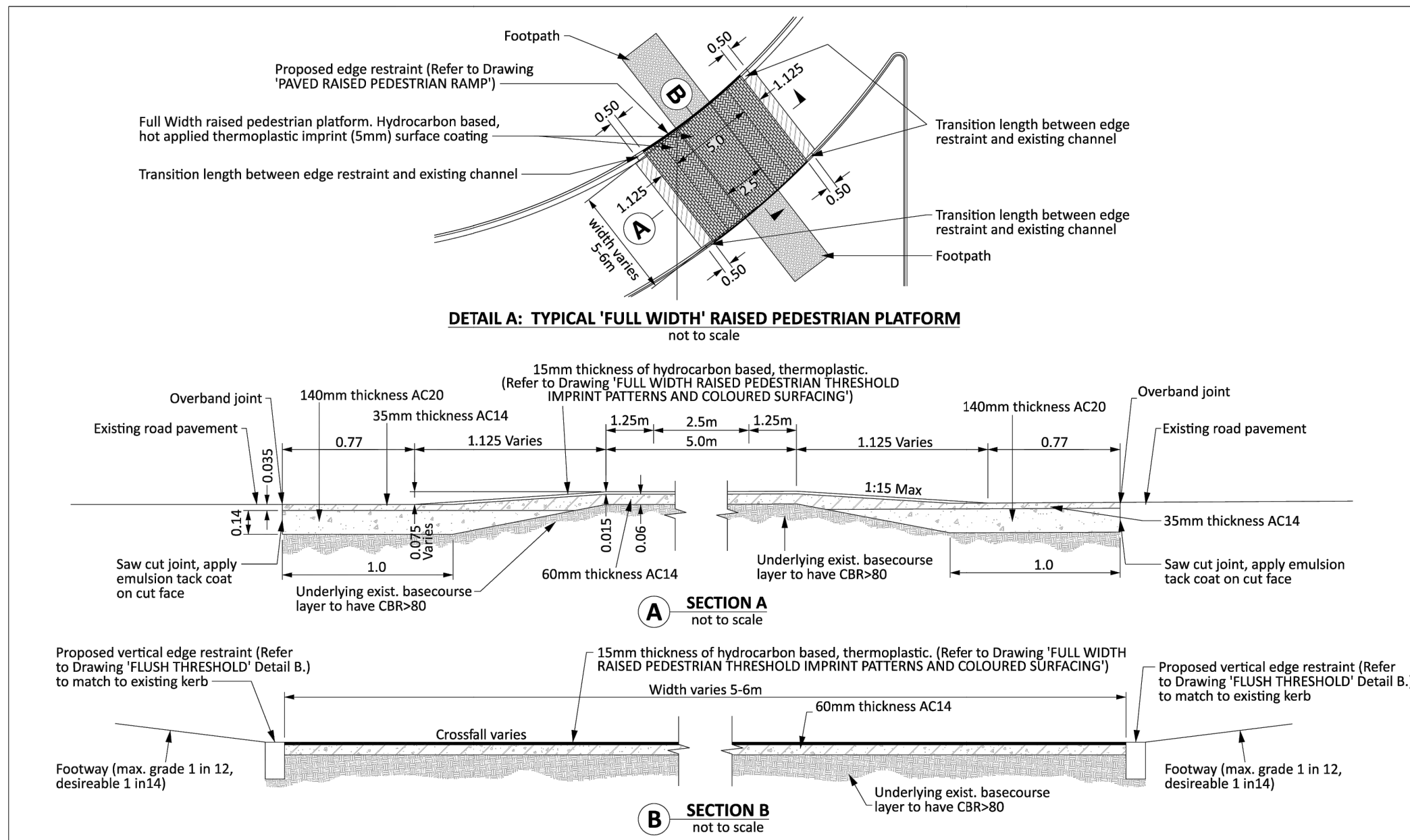


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:50 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-16
Rev	A

RESOURCE CONSENT



ASPHALTIC CONCRETE FULL WIDTH RAISED PEDESTRIAN RAMP

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			

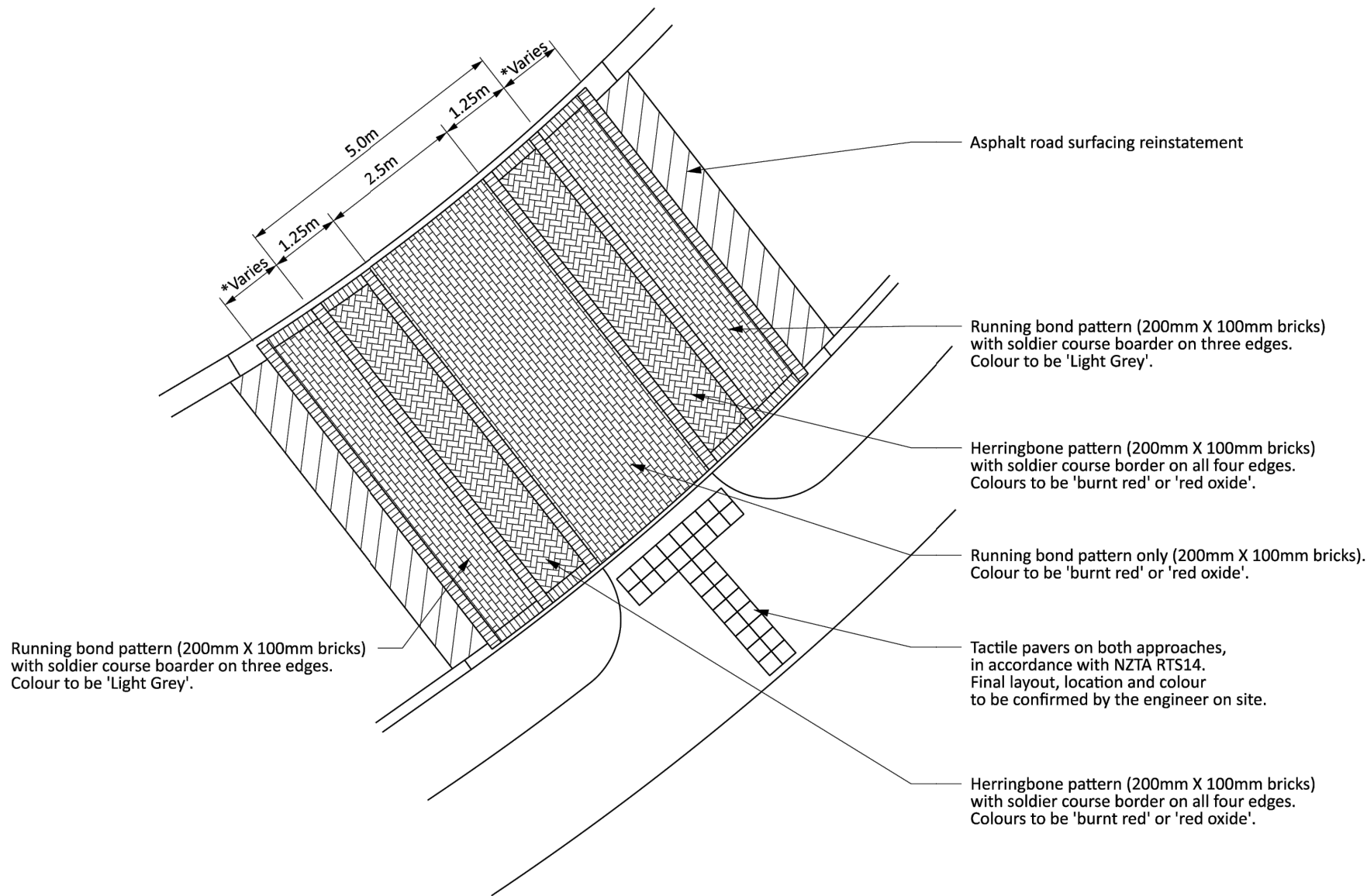


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:40 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-17
Rev	A

RESOURCE CONSENT



FULL WIDTH RAISED PEDESTRIAN THRESHOLD IMPRINT PATTERNS AND COLOURED SURFACING

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		10/2025
Checked			



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**RITS
STANDARD DETAILS**

Project no.	119014
Scale	1:40 @ A3
Cad file	119014-C380- ROAD STD DETAILS.DWG
Drawing no.	C380-18
Rev	A

RESOURCE CONSENT