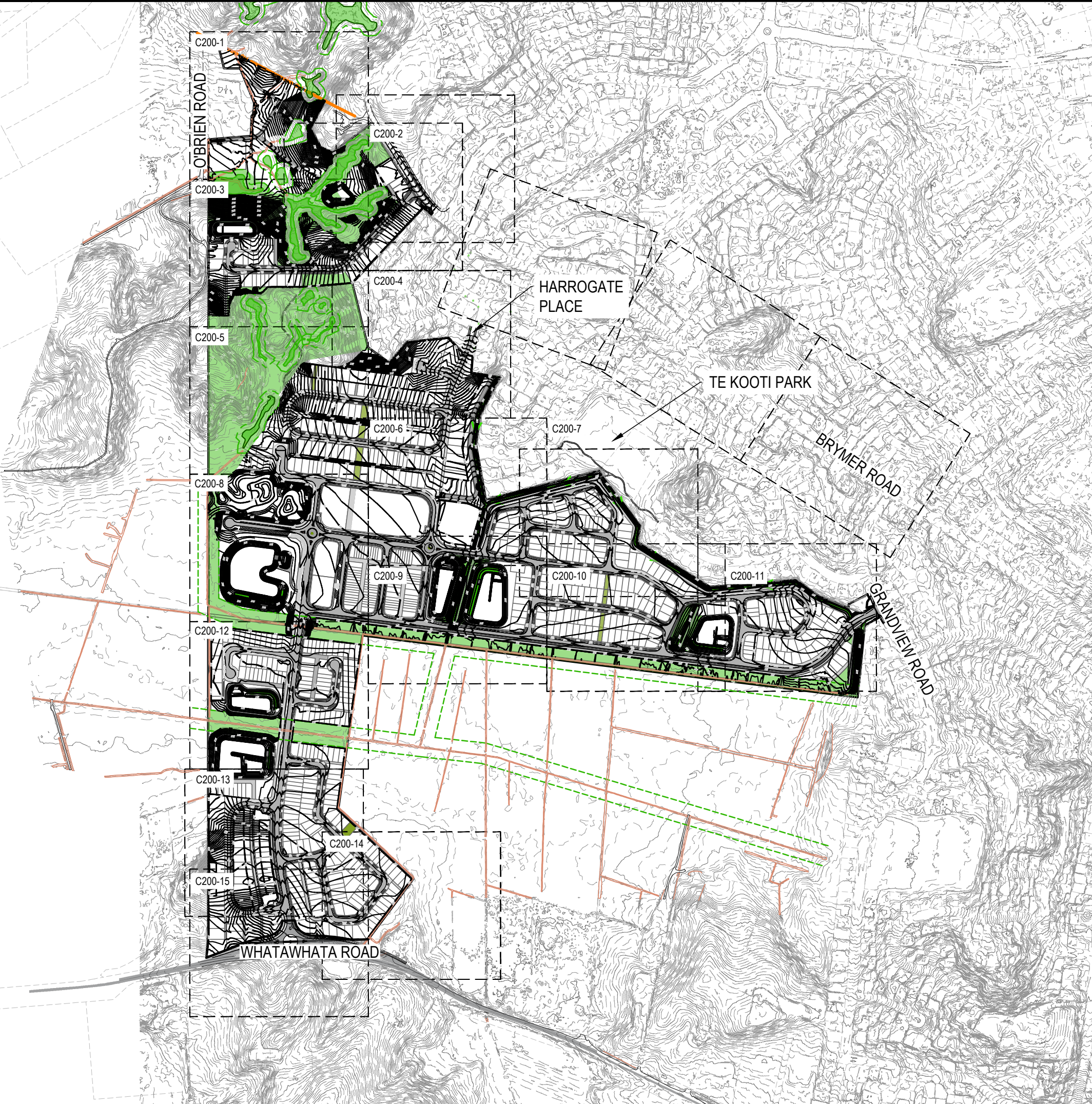




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RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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 5. EXISTING AND PROPOSED CONTOURS ARE AT 0.5m INTERVALS

LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

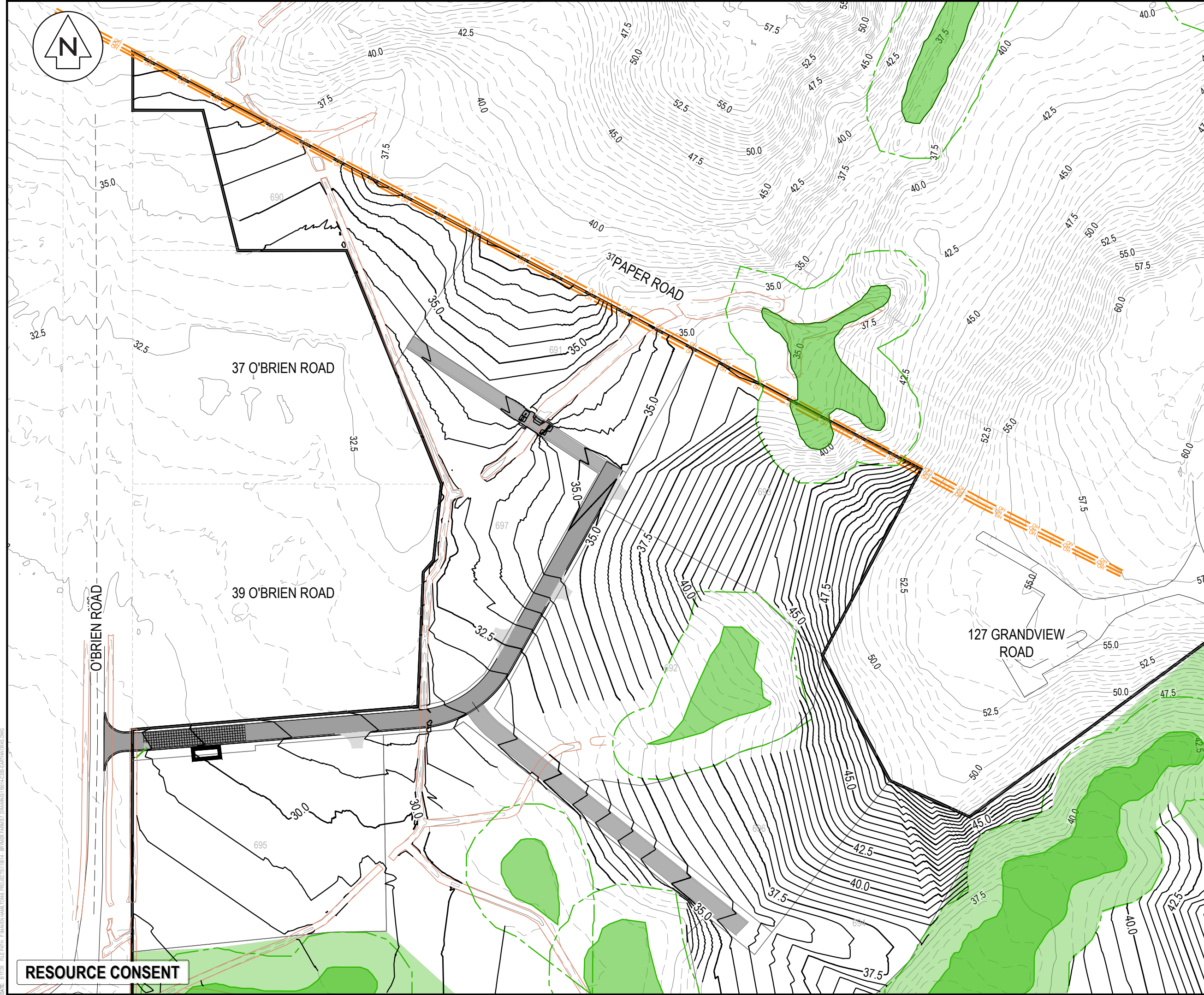
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Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	TCH		10/2025
Checked	DJM		08/2026

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
OVERVIEW PLAN**

Project no.	119014		
Scale	1:7500 @ A3		
Cad file	119014-C200-EARTHWORKS.DWG		
Drawing no.	C200	Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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

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Project	BRYMER FARMS FOR BRYMER FARMS LIMITED		
Title	PROPOSED CONTOURS PLAN		
Project no.	119014		
Scale	1:1000 @ A3		
Cad file	119014-C200-EARTHWORKS.DWG		
Drawing no.	C200-1	Rev	A

DATE: 8/07/26 FILE PATH: F:\MAVEN\HAMITONG PROJECTS\119014 - BRYMER FARMS\7 DRAWINGS\119014-C200-EARTHWORKS.DWG



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND	
	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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



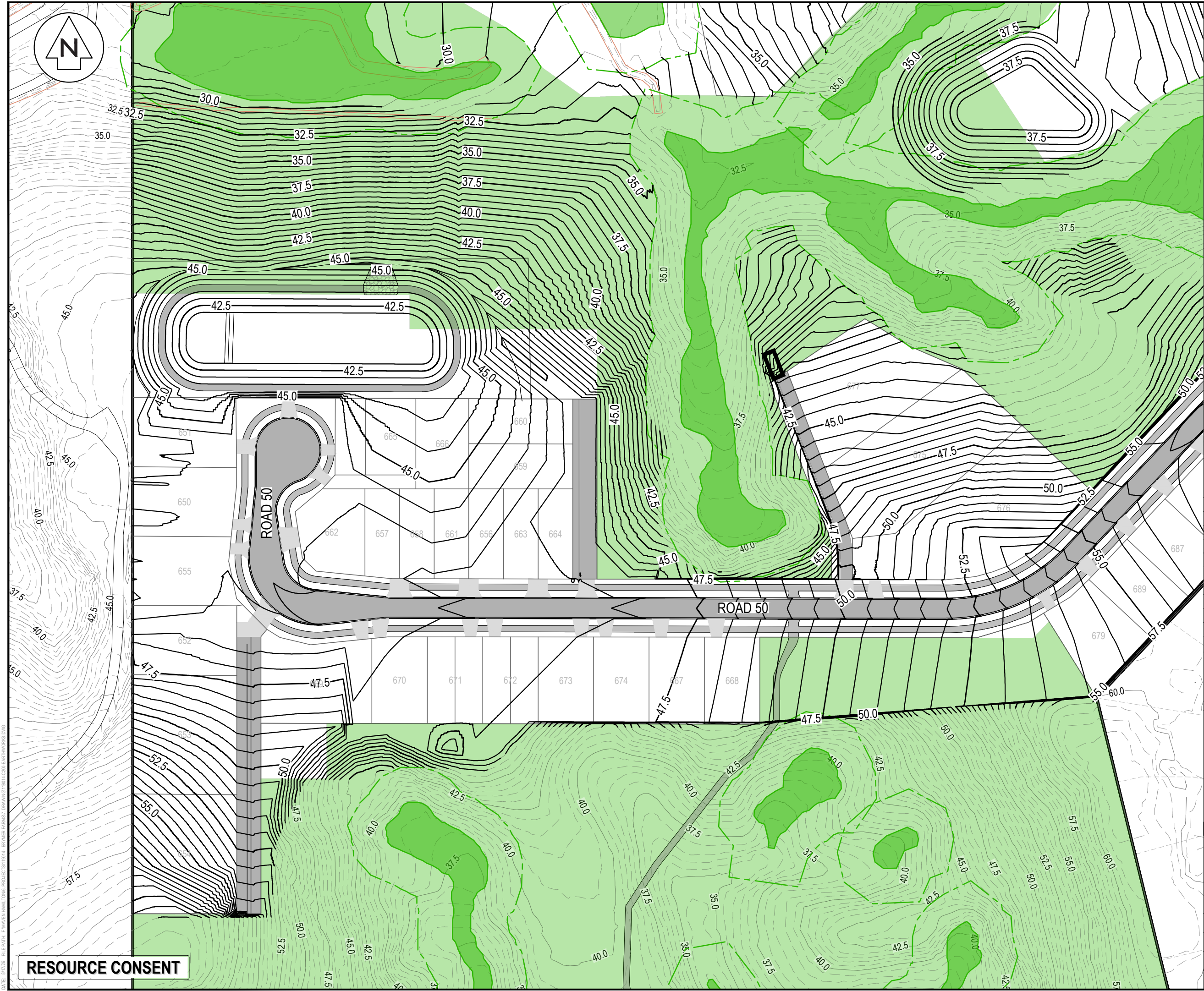
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014		
Scale	1:1000 @ A3		
Cad file	119014-C200-EARTHWORKS.DWG		
Drawing no.	C200-2	Rev	A

DATE: 8/07/26 FILE PATH: F:\MAVEN\HAMILTON\6 PROJECTS\119014 - BRYMER FARMS\2 DRAWINGS\119014-C200-EARTHWORKS.DWG



- NOTES
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

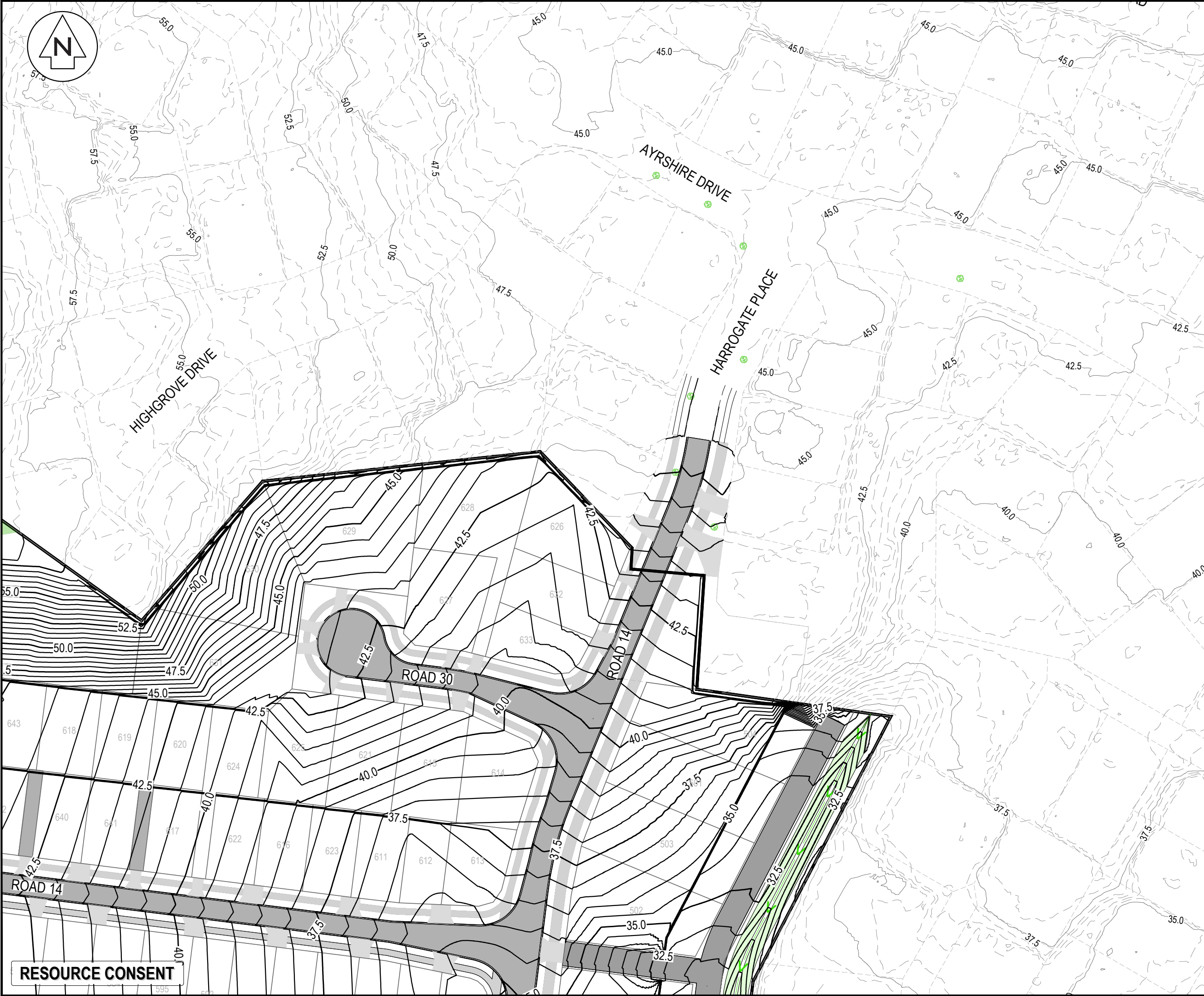
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Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	TCH		10/2025
Checked	DJM		08/2026

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-3
Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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

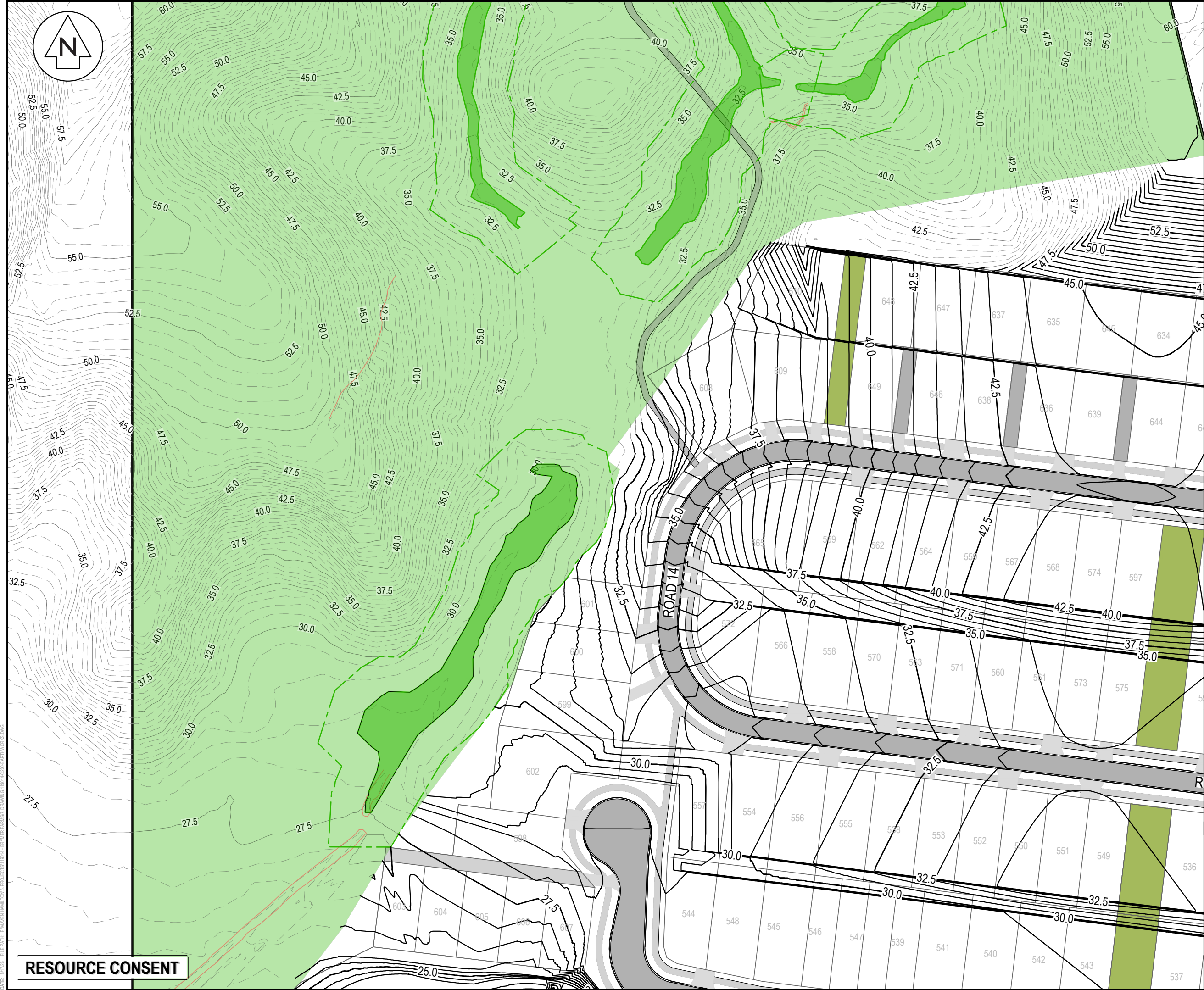


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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-4
Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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



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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014		
Scale	1:1000 @ A3		
Cad file	119014-C200-EARTHWORKS.DWG		
Drawing no.	C200-5	Rev	A

RESOURCE CONSENT



- NOTES
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-6
Rev	A

DATE: 8/07/26 FILEPATH: F:\MAVEN\HAMTON6\PROJECTS\119014 - BRYMER FARMS\7 DRAWINGS\119014-C200-EARTHWORKS.DWG



- NOTES
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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



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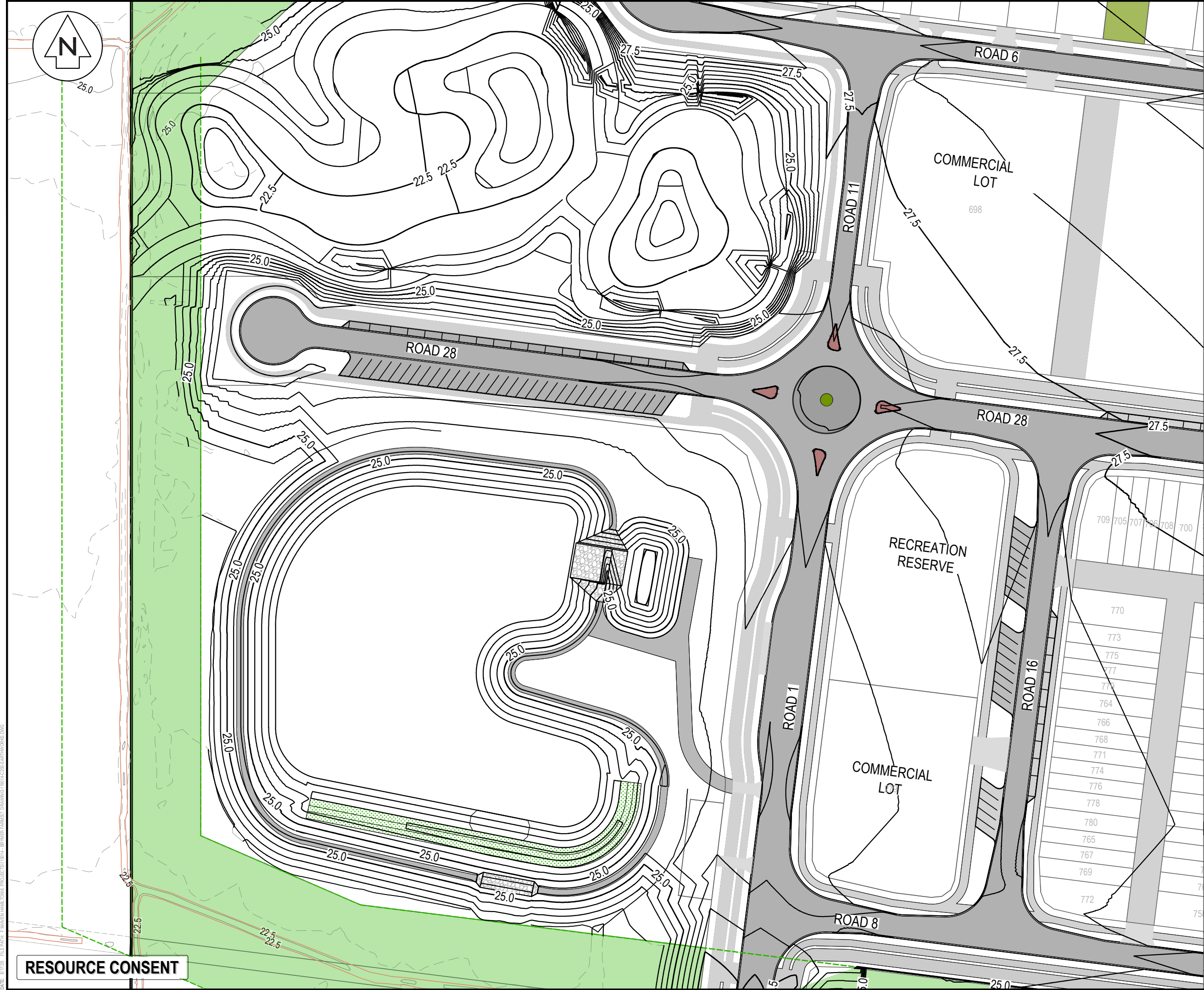
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
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Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-7
Rev	A

DATE: 8/07/26 FILEPATH: F:\MAVEN\HAMITON\6 PROJECTS\119014 - BRYMER FARMS\7 DRAWING\119014-C200-EARTHWORKS.DWG

RESOURCE CONSENT



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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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



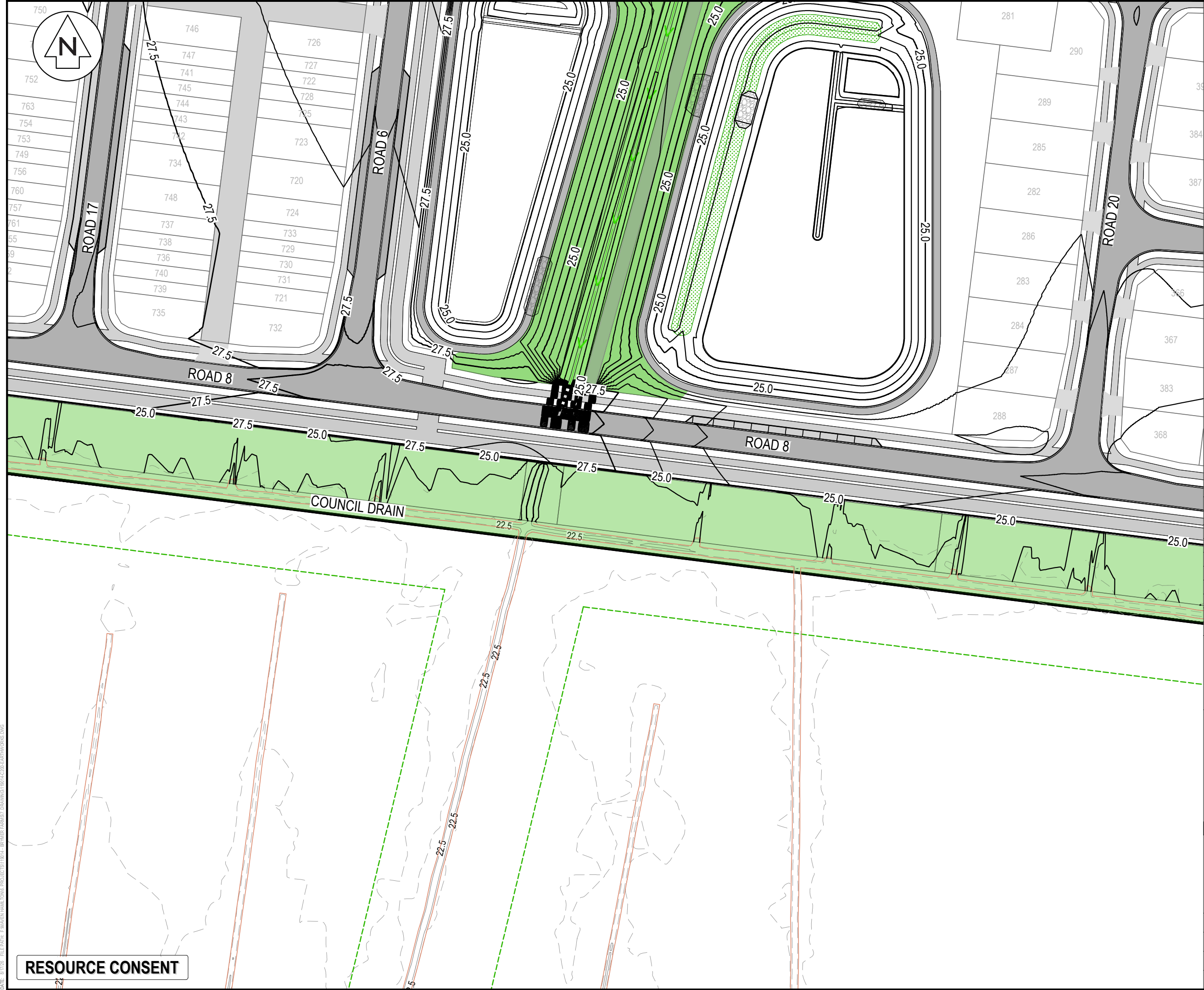
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-8
Rev	A

RESOURCE CONSENT



- NOTES
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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

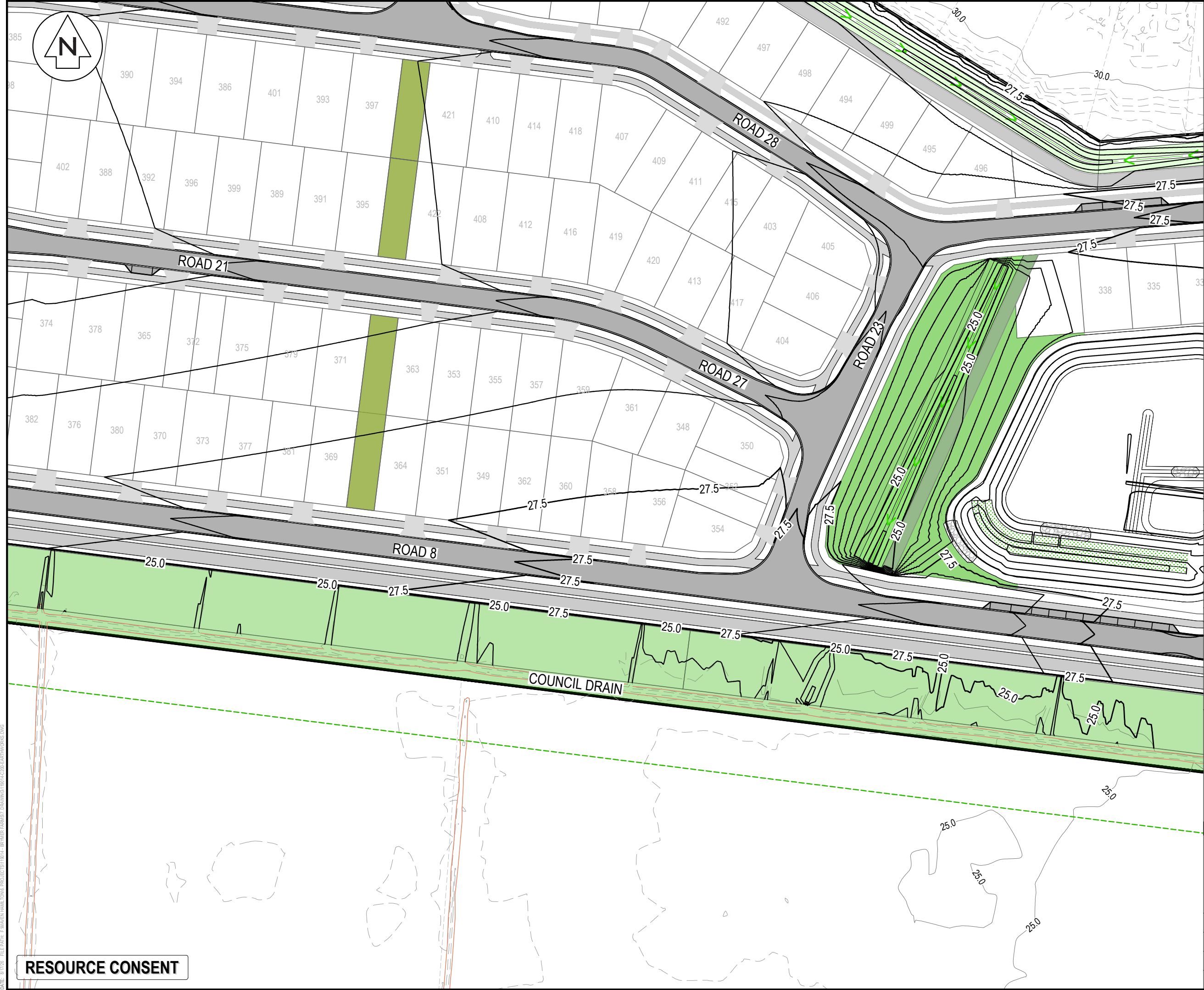
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-9
Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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



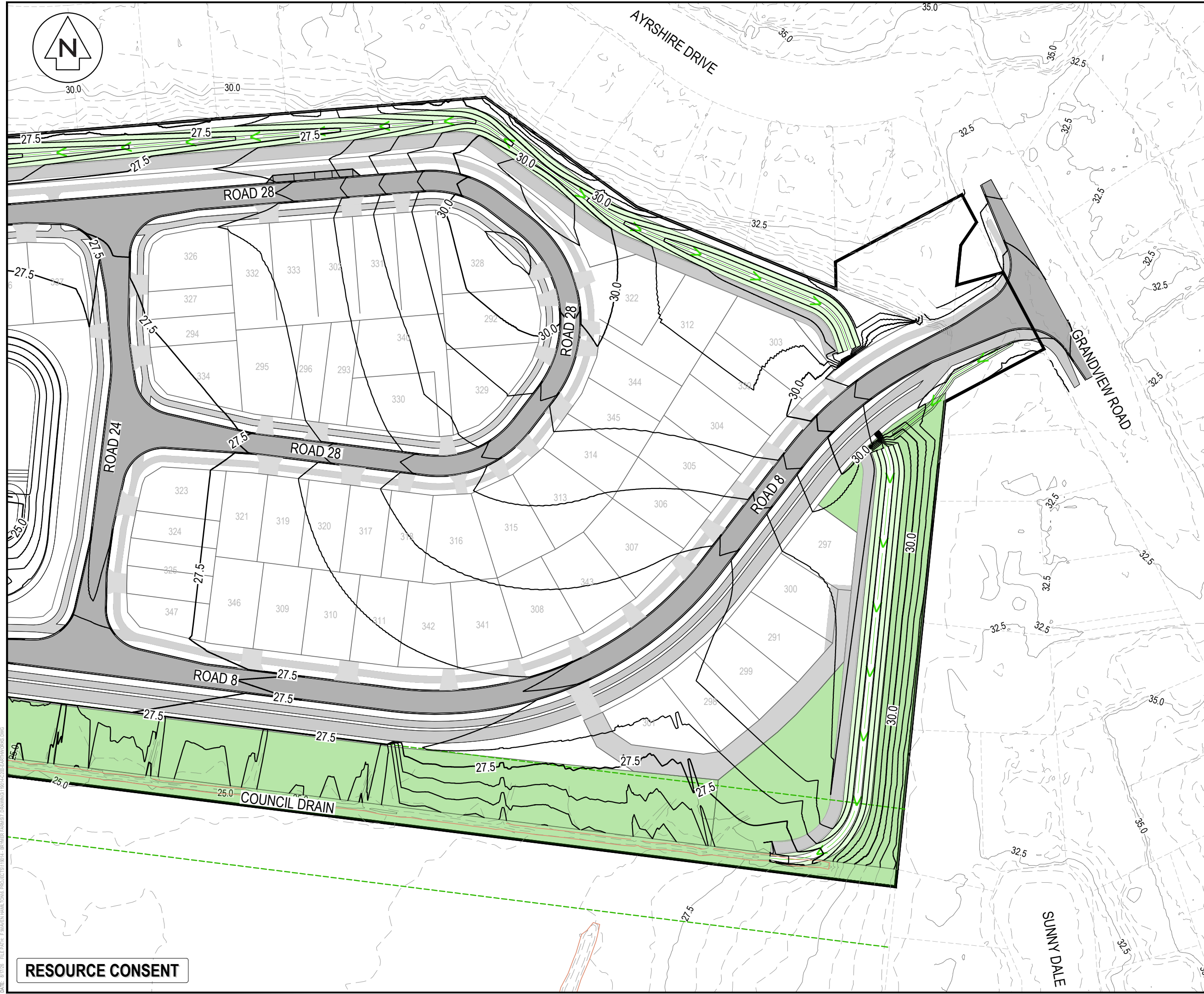
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014		
Scale	1:1000 @ A3		
Cad file	119014-C200-EARTHWORKS.DWG		
Drawing no.	C200-10	Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

A	FAST TRACK	TCH	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	TCH		10/2025
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Project
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FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-11
Rev	A

RESOURCE CONSENT

DATE: 8/10/26 FILEPATH: F:\MAVEN\HAMILTON\6 PROJECTS\119014 - BRYMER FARMS\7 DRAWINGS\119014-C200-EARTHWORKS.DWG



- NOTES
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

A	FAST TRACK	TCH	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	TCH		10/2025
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Project
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FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-12
Rev	A



RESOURCE CONSENT

DATE: 8/07/26 FILEPATH: F:\MAVEN\HAMILTON\6. PROJECTS\119014 - BRYMER FARMS\7. DRAWINGS\119014-C200-EARTHWORKS.DWG



- NOTES
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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

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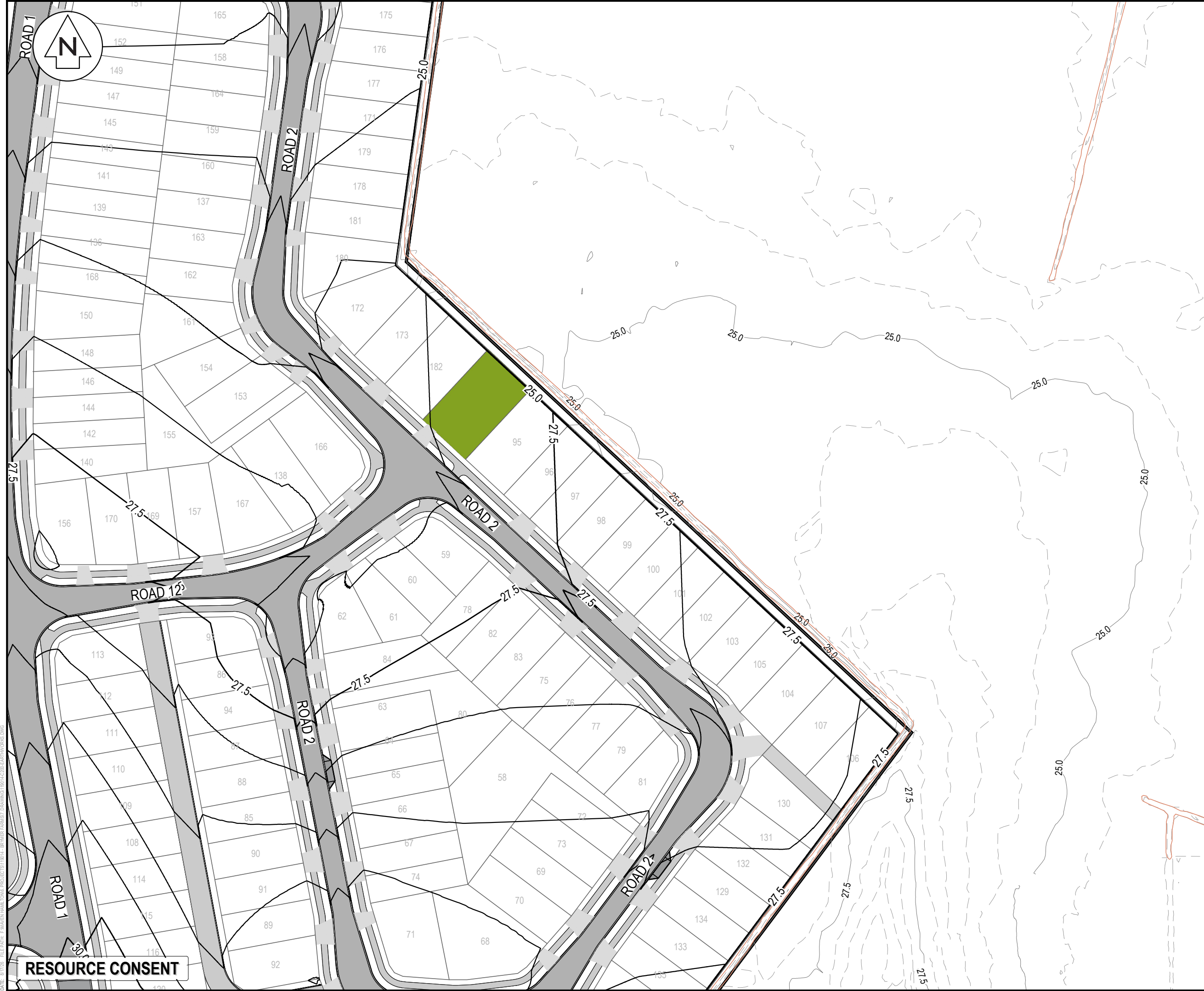
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-13
Rev	A

DATE: 8/10/26 FILEPATH: F:\MAVEN\HAMILTON\6 PROJECTS\119014 - BRYMER FARMS\2 DRAWINGS\119014-C200-EARTHWORKS.DWG

RESOURCE CONSENT



- NOTES
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 5. EXISTING AND PROPOSED CONTOURS ARE AT 0.5m INTERVALS

LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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



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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014		
Scale	1:1000 @ A3		
Cad file	119014-C200-EARTHWORKS.DWG		
Drawing no.	C200-14	Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	EX WATER COURSE
	EX WATER COURSE 10m BUFFER
	EX WETLAND WITH A 10m BUFFER

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



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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
CONTOURS
PLAN**

Project no.	119014
Scale	1:1000 @ A3
Cad file	119014-C200-EARTHWORKS.DWG
Drawing no.	C200-15
Rev	A

DATE: 8/10/26 FILEPATH: F:\MAVEN\HAM106\PROJECTS\119014 - BRYMER FARMS\2 DRAWINGS\119014-C200-EARTHWORKS.DWG



O'BRIEN ROAD

BRYMER ROAD

TE KOOTII PARK

WHATAWHATA ROAD

STAGE 4

STAGE 1

STAGE 2

STAGE 3

- NOTES
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 7. PROPOSED INFRASTRUCTURE TO BE PRELOADED
 8. CUT MATERIAL IS TO BE USED AS PRELOADING MATERIAL UNLESS SPECIFIED BY GEOTECH
 9. PROPOSED WETLANDS TO NOT BE PRELOADED
 10. IN ACCORDANCE WITH CMW PEAT MANAGEMENT PLAN
 11. ESC TO BE ESTABLISHED PRIOR TO PRELOADING

LEGEND

---	EX BDY
---	PROP BDY
---	PEAT DEPTH CONT
---	SOFT SOILS DEPTH CONT
---	EX PEAT EXTENTS
---	PR EW EXTENTS
---	PR UNDER CUT
---	WALTON SUBGROUP
---	HAMILTON ASH
---	HINUERA FORMATION
---	PIAKO SUBGROUP
---	PEAT
---	EX WETLAND
---	EX WATERCOURSE

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		02/2026
Checked	DJM		08/2026

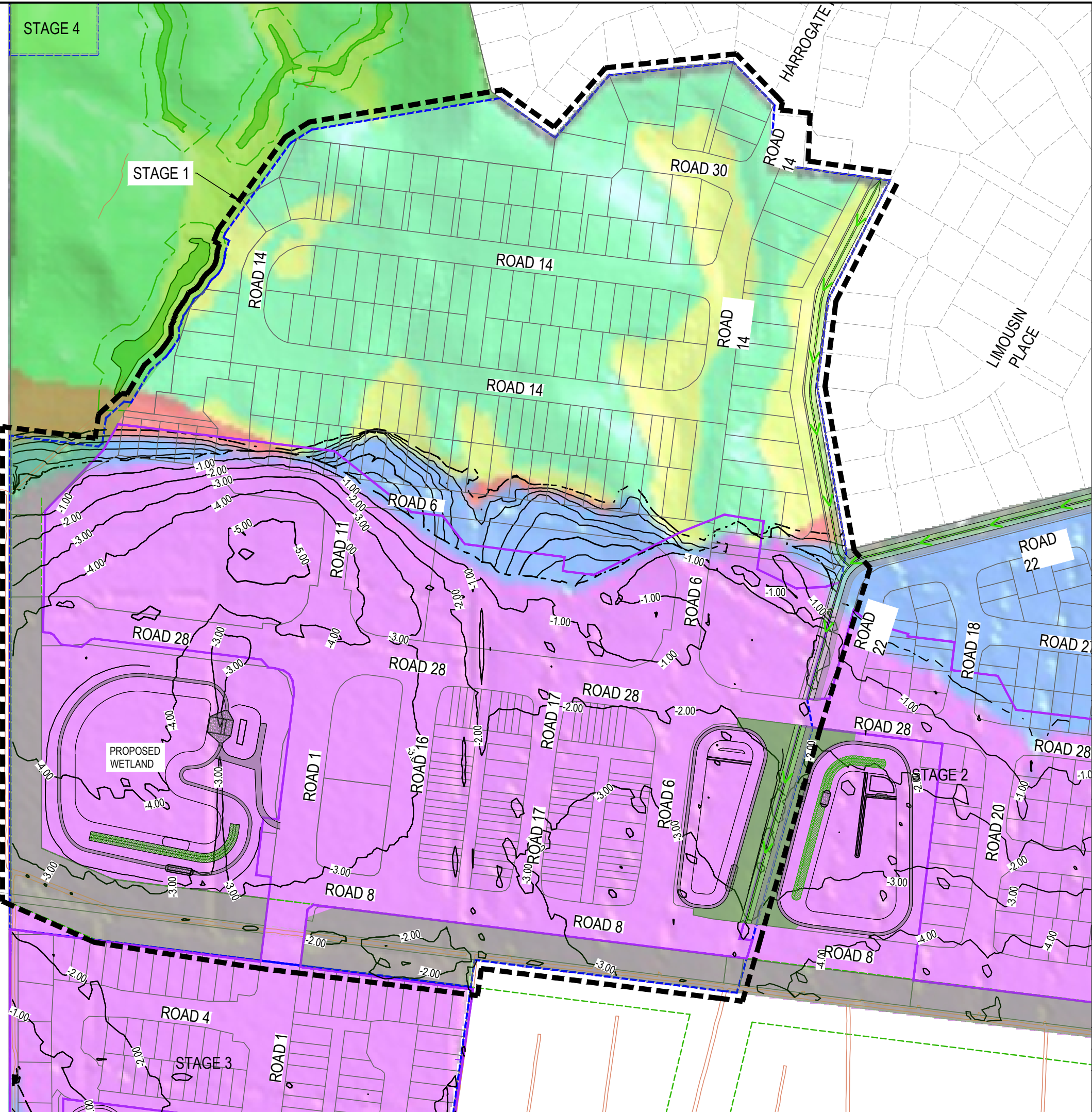
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**EXISTING
PEAT OVERVIEW
PLAN**

Project no.	119014
Scale	1:2500 @ A3
Cad file	119014-C215-EXISTING PEAT.DWG
Drawing no.	C215
Rev	A

RESOURCE CONSENT



NOTES

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11. ESC TO BE ESTABLISHED PRIOR TO PRELOADING

LEGEND

EX BDY	EX BDY
PROP BDY	PROP BDY
PEAT DEPTH CONT	PEAT DEPTH CONT
SOFT SOILS DEPTH CONT	SOFT SOILS DEPTH CONT
EX PEAT EXTENTS	EX PEAT EXTENTS
PR EW EXTENTS	PR EW EXTENTS
PR UNDER CUT	PR UNDER CUT
WALTON SUBGROUP	WALTON SUBGROUP
HAMILTON ASH	HAMILTON ASH
HINUERA FORMATION	HINUERA FORMATION
PIAKO SUBGROUP	PIAKO SUBGROUP
PEAT	PEAT
EX WETLAND	EX WETLAND
EX WATERCOURSE	EX WATERCOURSE

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		02/2026
Checked	DJM		08/2026

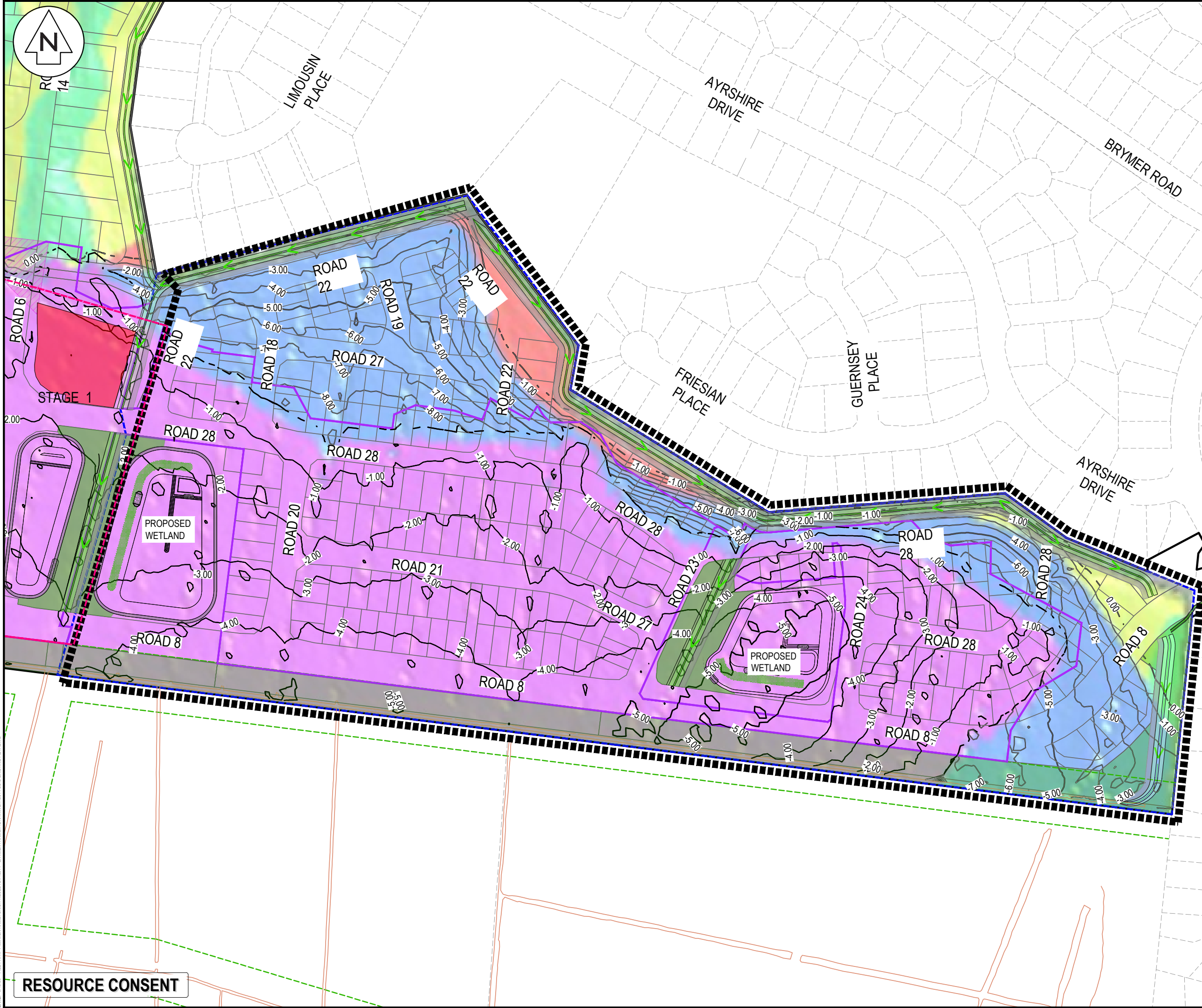
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**EXISTING
STAGE 1 PEAT
PLAN**

Project no.	119014
Scale	1:2500 @ A3
Cad file	119014-C215-EXISTING PEAT.DWG
Drawing no.	C215-1
Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	PEAT DEPTH CONT
	SOFT SOILS DEPTH CONT
	EX PEAT EXTENTS
	PR EW EXTENTS
	PR UNDER CUT
	WALTON SUBGROUP
	HAMILTON ASH
	HINUERA FORMATION
	PIAKO SUBGROUP
	PEAT
	EX WETLAND
	EX WATERCOURSE

A		FAST TRACK	AJP	08/2026
Rev	Description	By	Date	
Survey	MAVEN		10/2025	
Design	TCH		10/2025	
Drawn	AJP		02/2026	
Checked	DJM		08/2026	



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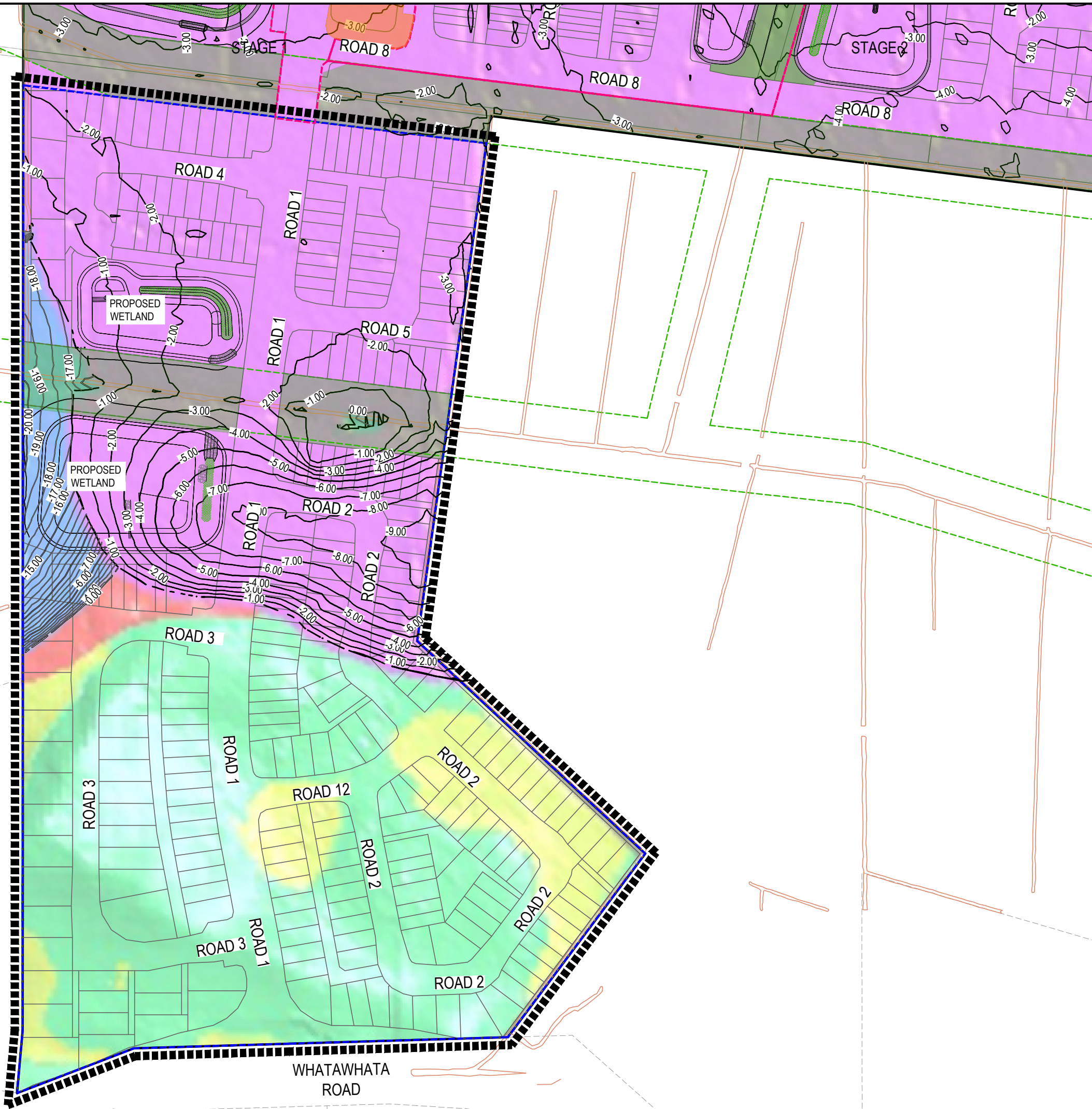
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**EXISTING
STAGE 2 PEAT
PLAN**

Project no.	119014
Scale	1:2500 @ A3
Cad file	119014-C215-EXISTING PEAT.DWG
Drawing no.	C215-2
Rev	A

RESOURCE CONSENT

DATE: 8/10/26 FILE PATH: F:\MAVEN\HAMILTON\6. PROJECTS\119014 - BRYMER FARMS\7. DRAWINGS\119014-C215-EXISTING PEAT.DWG



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LEGEND

---	EX BDY
---	PROP BDY
---	PEAT DEPTH CONT
---	SOFT SOILS DEPTH CONT
---	EX PEAT EXTENTS
---	PR EW EXTENTS
---	PR UNDER CUT
---	WALTON SUBGROUP
---	HAMILTON ASH
---	HINUERA FORMATION
---	PIAKO SUBGROUP
---	PEAT
---	EX WETLAND
---	EX WATERCOURSE

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		02/2026
Checked	DJM		08/2026

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**EXISTING
STAGE 3 PEAT
PLAN**

Project no.	119014
Scale	1:2500 @ A3
Cad file	119014-C215-EXISTING PEAT.DWG
Drawing no.	C215-3
Rev	A

RESOURCE CONSENT



DATE: 8/10/26 FILE PATH: F:\Maven\Hamilton\6. PROJECTS\119014 - BRYMER FARMS\7. DRAWINGS\119014-C215-EXISTING PEAT.DWG

RESOURCE CONSENT



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LEGEND

	EX BDY
	PROP BDY
	PEAT DEPTH CONT
	SOFT SOILS DEPTH CONT
	EX PEAT EXTENTS
	PR EW EXTENTS
	PR UNDER CUT
	WALTON SUBGROUP
	HAMILTON ASH
	HINUERA FORMATION
	PIAKO SUBGROUP
	PEAT
	EX WETLAND
	EX WATERCOURSE

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		02/2026
Checked	DJM		08/2026

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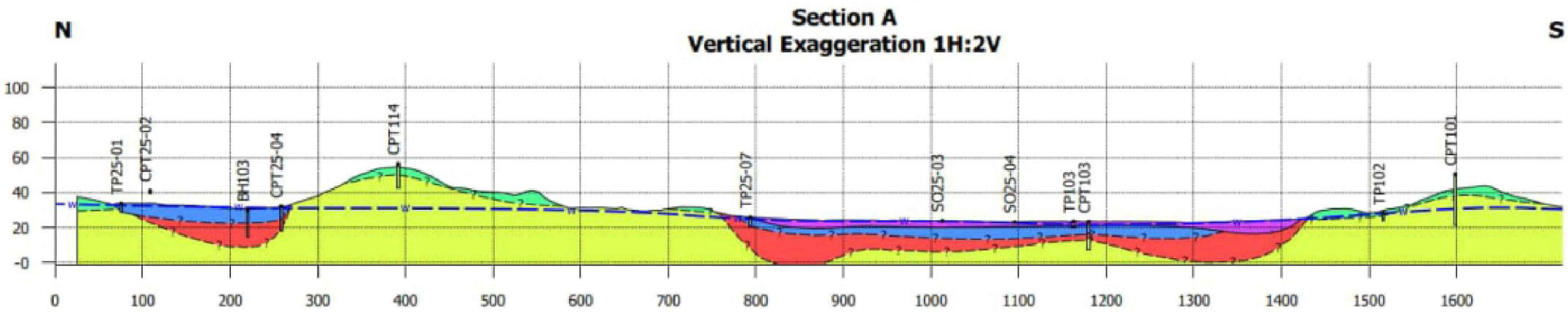
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**EXISTING
STAGE 4 PEAT
PLAN**

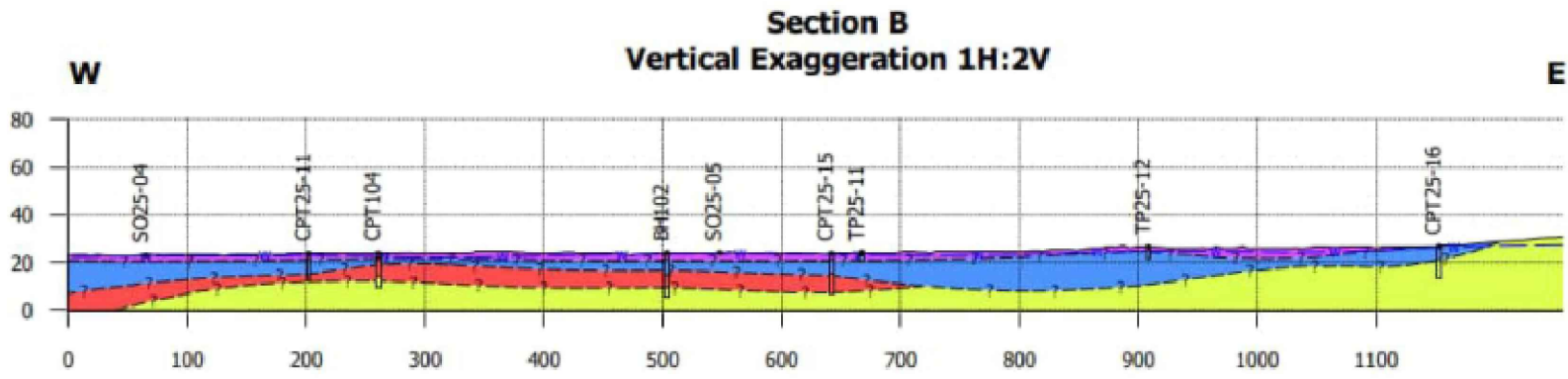
Project no.	119014		
Scale	1:2500 @ A3		
Cad file	119014-C215-EXISTING PEAT.DWG		
Drawing no.	C215-4	Rev	A



North-South Long Section



West - East Long Section



Legend

- GM**
- Peat
 - Hinuera Formation
 - Piako Subgroup
 - Hamilton Ash
 - Walton Subgroup
- Surfaces**
- Water Table

Scale: 1:5,000
Vertical exaggeration: 2x
0m 200m



CLIENT:	MAVEN LTD	DRAWN:	MM	PROJECT:	HAM2025-0084
PROJECT:	BRYMER DEVELOPMENT, HAMILTON	CHECKED:	DMM	DRAWING:	04
		REVISION:	0	SCALE:	1:5000
TITLE:	LONG SECTIONS A & B	DATE:	12/12/2025	SHEET:	A3

RESOURCE CONSENT

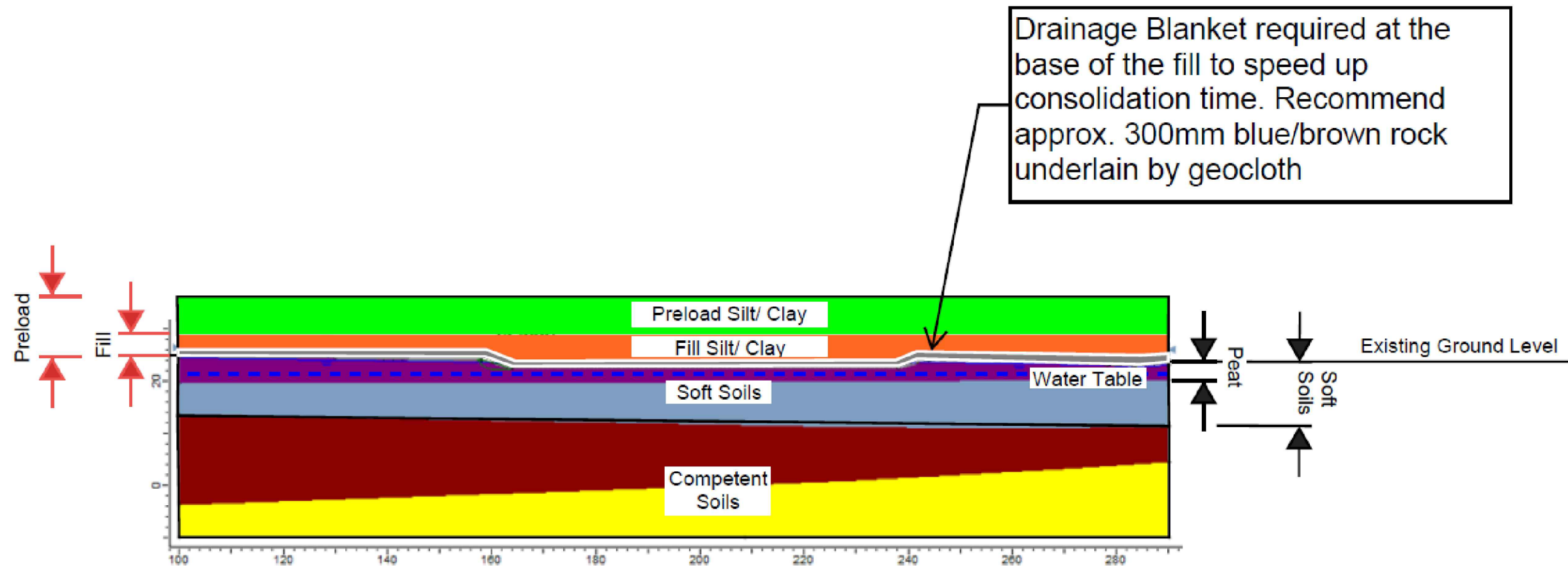
A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	AJP		02/2026
Checked	DJM		08/2026



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
PRELOAD SECTIONS
PLAN**

Project no.	119014
Scale	N.T.S
Cad file	119014-C215-EXISTING PEAT.DWG
Drawing no.	C215-5
Rev	A



NOTE: REFER TO APPENDED CMW TABLE SHOWING PRELOAD DEPTHS

- NOTES
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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	02/2026	
Checked	DJM	08/2026	

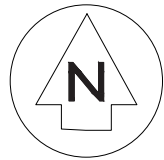


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
PRELOAD DETAILS
PLAN**

Project no.	119014		
Scale	N.T.S		
Cad file	119014-C215-EXISTING PEAT.DWG		
Drawing no.	C215-6	Rev	A

RESOURCE CONSENT



EARTHWORKS 4
SUB-STAGE b
(E4b)

CUT 10,124m³
FILL 9,267m³
NET 858m³

EARTHWORKS 4
SUB-STAGE a
(E4a)

CUT 111,551m³
FILL 32,083m³
NET +79,468m³

EARTHWORKS 1
SUB-STAGE a
(E1a)

CUT 199,447m³
FILL 52,855m³
NET +146,592m³

EARTHWORKS 1
SUB-STAGE c
(E1c)

CUT 3,195m³
FILL 93,661m³
NET -90,466m³

EARTHWORKS 2
SUB-STAGE d
(E2d)

CUT 0m³
FILL 31,090m³
NET -31,090m³

EARTHWORKS 2
SUB-STAGE a
(E2a)

CUT 4,783m³
FILL 81,133m³
NET -76,349m³

EARTHWORKS 1
SUB-STAGE d
(E1d)

CUT 5,755m³
FILL 217,748m³
NET -211,993m³

EARTHWORKS 1
SUB-STAGE b
(E1b)

CUT 25,206m³
FILL 19,072m³
NET 6134m³

EARTHWORKS 3
SUB-STAGE b
(E3b)

CUT 739m³
FILL 90,150m³
NET -89,411m³

EARTHWORKS 3
SUB-STAGE a
(E3a)

CUT 239,621m³
FILL 103,688m³
NET +135,933m³

EARTHWORKS 2
SUB-STAGE c
(E2c)

CUT 91m³
FILL 69,444m³
NET -69,352m³

EARTHWORKS 2
SUB-STAGE b
(E2b)

CUT 2,655m³
FILL 86,240m³
NET -83,584m³

	SUB-STAGE E1a
	SUB-STAGE E1b
	SUB-STAGE E1c
	SUB-STAGE E1d
	SUB-STAGE E2a
	SUB-STAGE E2b
	SUB-STAGE E2c
	SUB-STAGE E2d
	SUB-STAGE E3a
	SUB-STAGE E3b
	SUB-STAGE E4a
	SUB-STAGE E4b

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

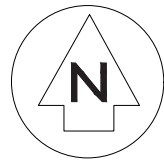


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
EARTH MOVING
OVERALL PLAN**

Project no.	119014
Scale	1:7500 @ A3
Cad file	119014-C216- EARTHWORKS CIVILS STAGING.DWG
Drawing no.	C216-1
Rev	A

RESOURCE CONSENT



EARTHWORKS 4
SUB-STAGE b
(E4b)

PRE-LOAD AREA
0m²
LOADING 0.0m
TOTAL +0m³

EARTHWORKS 1
SUB-STAGE d
(E1d)

PRE-LOAD AREA
66,444m²
LOADING 3.0m
TOTAL +199,332m³

EARTHWORKS 1
SUB-STAGE b
(E1b)

PRE-LOAD AREA
0m²
LOADING 3.0m
TOTAL +0m³

EARTHWORKS 3
SUB-STAGE b
(E3b)

PRE-LOAD AREA
45,917m²
LOADING 3.0m
TOTAL +137,751m³

EARTHWORKS 3
SUB-STAGE a
(E3a)

PRE-LOAD AREA
20,676m²
LOADING 3.0m
TOTAL +62,028m³

EARTHWORKS 2
SUB-STAGE c
(E2c)

PRE-LOAD AREA
37,536m²
LOADING 3.0m
TOTAL +112,608m³

EARTHWORKS 2
SUB-STAGE b
(E2b)

PRE-LOAD AREA
31,903m²
LOADING 3.0m
TOTAL +95,709m³

EARTHWORKS 4
SUB-STAGE a
(E4a)

PRE-LOAD AREA
0m²
LOADING 0.0m
TOTAL +0m³

EARTHWORKS 1
SUB-STAGE a
(E1a)

PRE-LOAD AREA
0m²
LOADING 0.0m
TOTAL +0m³

EARTHWORKS 1
SUB-STAGE c
(E1c)

PRE-LOAD AREA
11,006m²
LOADING 3.0m
TOTAL +33,018m³

EARTHWORKS 2
SUB-STAGE d
(E2d)

PRE-LOAD AREA
0m²
LOADING 0.0m
TOTAL +0m³

EARTHWORKS 2
SUB-STAGE a
(E2a)

PRE-LOAD AREA
25,998m²
LOADING 3.0m
TOTAL +77,994m³

PRELOAD AREA

SUB-STAGE BOUNDARIES

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

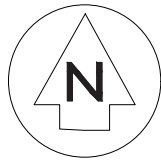


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
PRELOADING ESTIMATE
OVERALL PLAN**

Project no.	119014
Scale	1:7500 @ A3
Cad file	119014-C216- EARTHWORKS CIVILS STAGING.DWG
Drawing no.	C216-2
Rev	A

RESOURCE CONSENT



EARTHWORKS 4
SUB-STAGE b
(E4b)

CUT 10,124m³
FILL 9,267m³
NET 858m³

O'BRIEN ROAD

EARTHWORKS 4
SUB-STAGE a
(E4a)

CUT 111,551m³
FILL 32,083m³
NET +79,468m³

EARTHWORKS 1
SUB-STAGE a
(E1a)

CUT 199,447m³
FILL 52,855m³
NET +146,592m³

EARTHWORKS 1
SUB-STAGE c
(E1c)

CUT 3,195m³
FILL 93,661m³
NET -90,466m³

EARTHWORKS 2
SUB-STAGE a
(E2a)

CUT 4,783m³
FILL 81,133m³
NET -76,349m³

STOCK PILE
LOCATION

EARTHWORKS 1
SUB-STAGE b
(E1b)

CUT 25,206m³
FILL 19,072m³
NET 6134m³

STOCK PILE
LOCATION

EARTHWORKS 3
SUB-STAGE a
(E3a)

CUT 239,621m³
FILL 103,688m³
NET +135,933m³

WHATAWAHTA ROAD

- SUB-STAGE E1a
- SUB-STAGE E1b
- SUB-STAGE E1c
- SUB-STAGE E1d
- SUB-STAGE E2a
- SUB-STAGE E2b
- SUB-STAGE E2c
- SUB-STAGE E2d
- SUB-STAGE E3a
- SUB-STAGE E3b
- SUB-STAGE E4a
- SUB-STAGE E4b
- PROP STOCKPILE

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



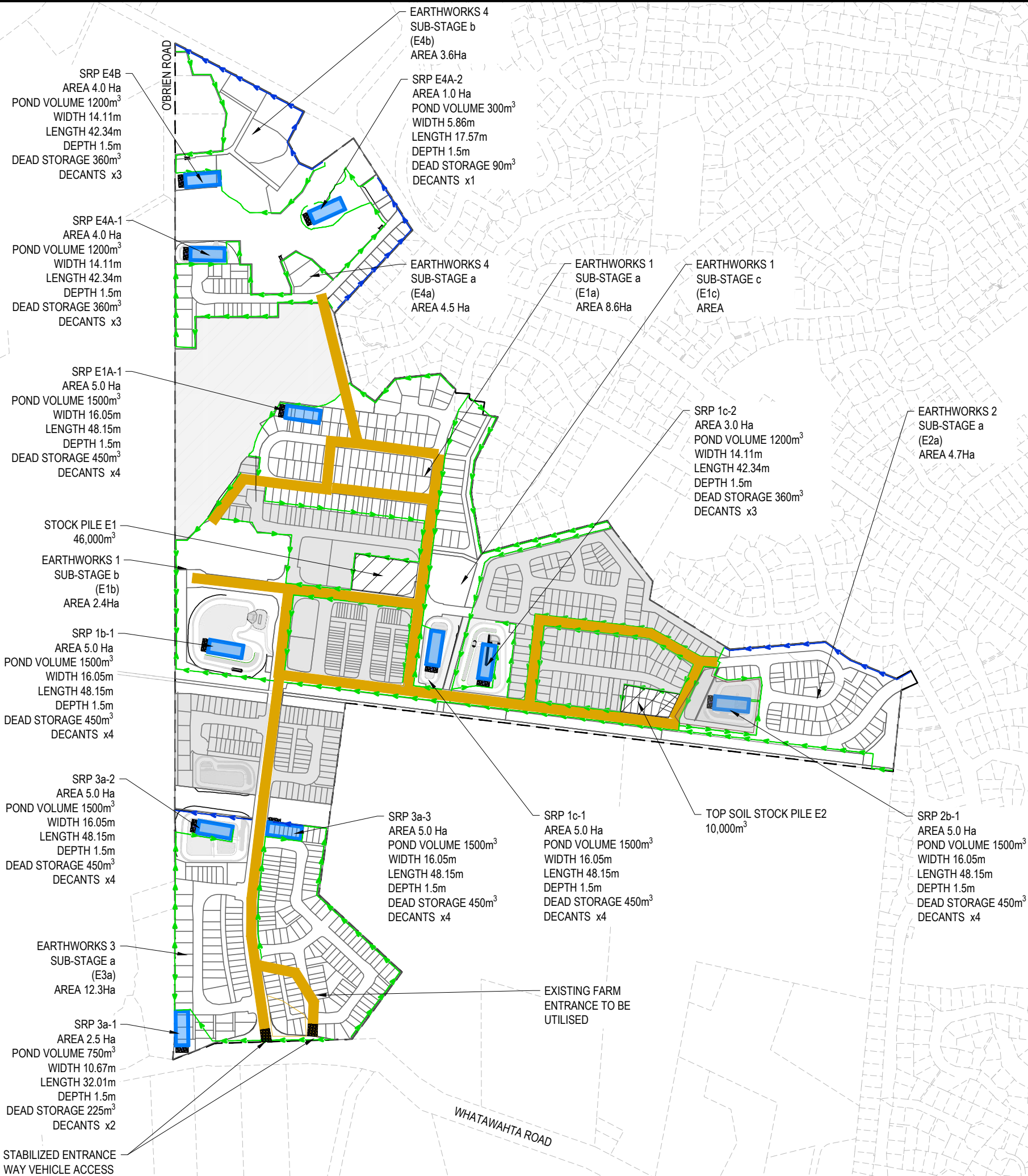
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Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
YEAR 1 - 4 SUBSTAGING
PLAN**

Project no.	119014		
Scale	1:7500 @ A3		
Cad file	119014-C216- EARTHWORKS CIVILS STAGING.DWG		
Drawing no.	C216-3	Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 3. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
 4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 5. SEDIMENT CONTROL SHALL BE INSTALLED AND OPERATIONAL BEFORE EARTHWORKS START ONSITE IN ACCORDANCE WITH COUNCIL STANDARDS.
 6. CONTRACTOR SHALL PROVIDE ASBUILT OF WORKING SEDIMENT CONTROL DEVICES AND CONFIRMATION OF POND/DECENT VOLUMES TO ENGINEER.
 7. WORKS WITHIN OR ADJACENT TO EXISTING STREAM AREAS SHALL BE UNDERTAKEN IN ACCORDANCE WITH A SITE-SPECIFIC CONSTRUCTION METHODOLOGY PREPARED BY THE CONTRACTOR AND CONFIRMED BY REGIONAL COUNCIL PRIOR TO COMMENCEMENT OF ANY WORKS WITHIN THESE AREAS.
 8. CULVERTS REQUIRED FOR THE CONSTRUCTION OF THE HAUL ROAD SHALL HAVE SITE-SPECIFIC ESC APPROVAL PRIOR TO COMMENCEMENT OF CULVERT INSTALLATION
 9. WHERE PRACTICABLE, SRPs ARE TO BE CONSTRUCTED WITHIN PROPOSED POND AREAS, AS NO PRELOADING IS REQUIRED WITHIN THESE AREAS. SRPs MAY BE CONSTRUCTED TO SUIT THE PROFILE OF THE PROPOSED PONDS AND SHALL BE APPROVED ON A CASE-BY-CASE BASIS.
 10. GREYED AREAS ARE TO BE PROTECTED AND SHALL REMAIN STABILISED DURING THE FIRST PHASE OF CONSTRUCTION.

LEGEND

	EX BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PROP EXTENT WORK
	PROP CLEANWATER
	PROP DIRTYWATER
	PROP STOCKPILE
	PROP SRP

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



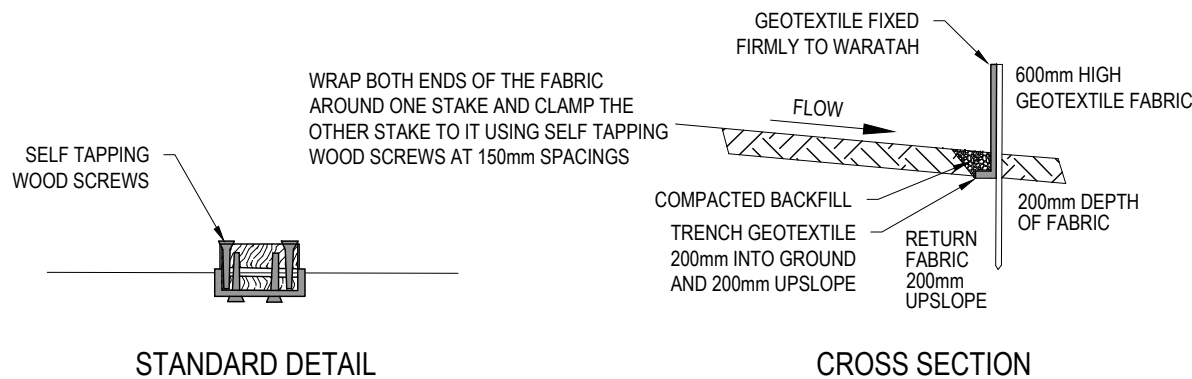
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
YEAR 1 - 4
ESC PLAN**

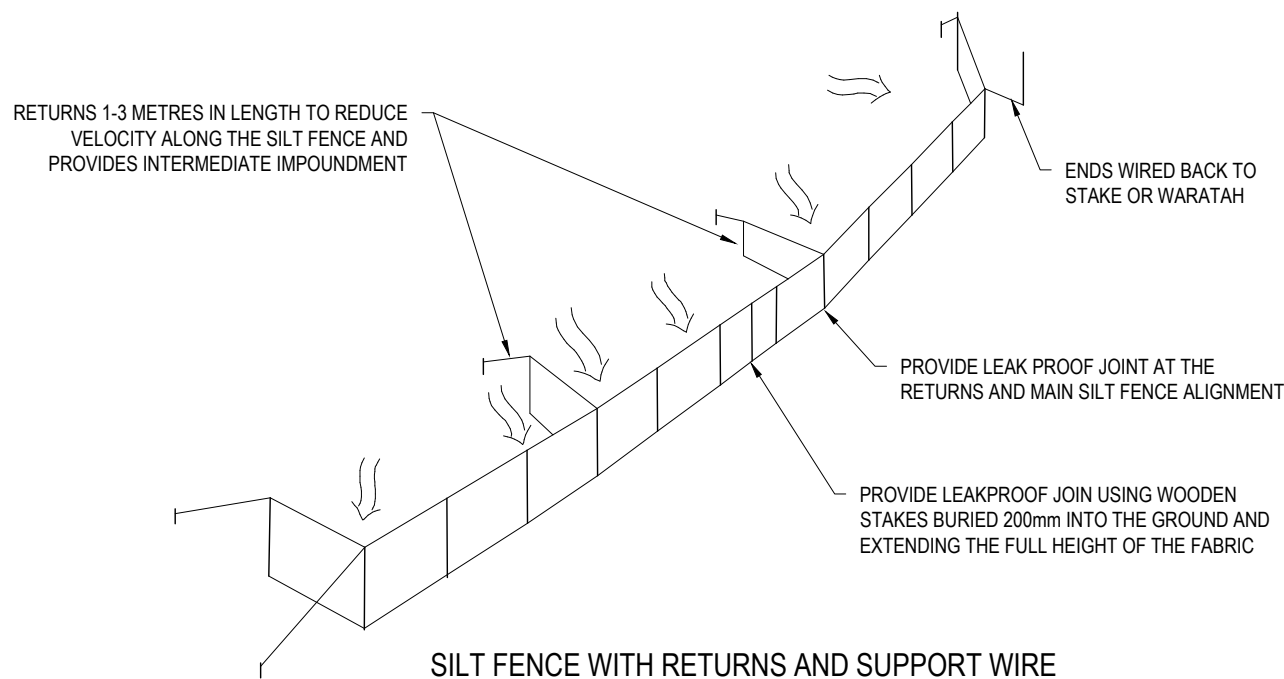
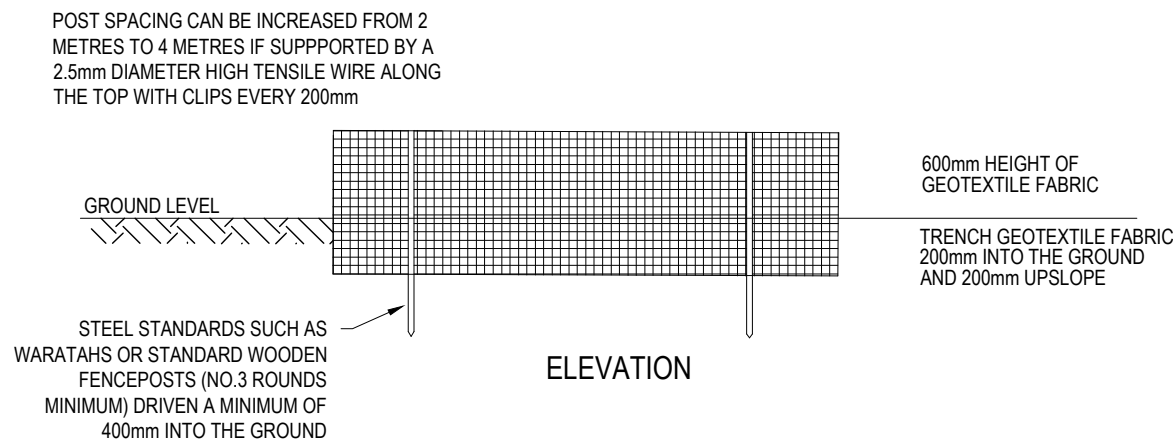
Project no.	119014
Scale	1:7500 @ A3
Cad file	119014-C216- EARTHWORKS CIVILS STAGING.DWG
Drawing no.	C216-4
Rev	A

RESOURCE CONSENT

DATE: 8/14/26 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014- BRYMER FARMS\7 DRAWING\119014-C240-ESC STANDARD DETS.DWG



FABRIC JOIN



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

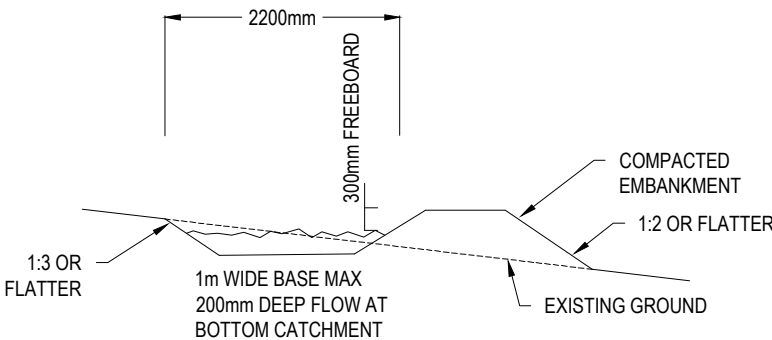
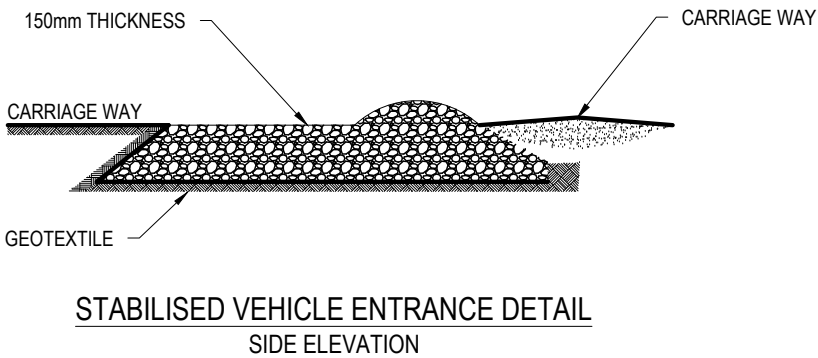
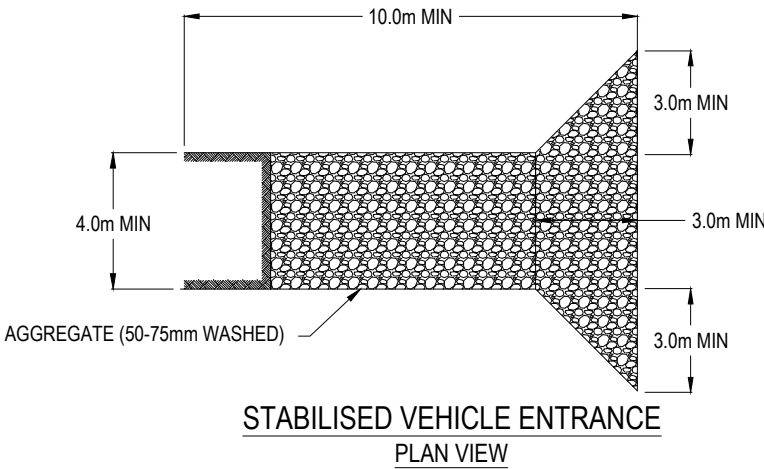


Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

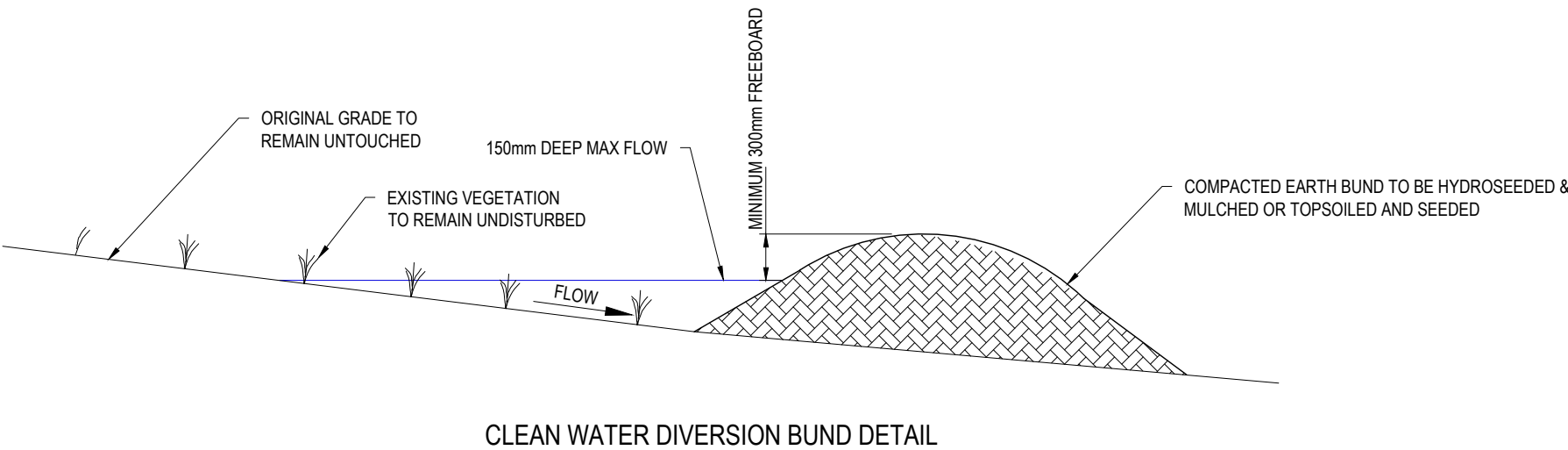
Title
**PROPOSED
EROSION & SEDIMENT
CONTROL DETAILS**

Project no.	119014
Scale	NTS
Cad file	119014-C240-ESC STANDARD DETS.DWG
Drawing no.	C240-1
Rev	A

RESOURCE CONSENT



TYPICAL CROSS SECTION OF A RUNOFF DIVERSION
TYPICAL DIMENSIONS UNLESS OTHERWISE NOTED



- NOTES
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Design	TCH	10/2025	
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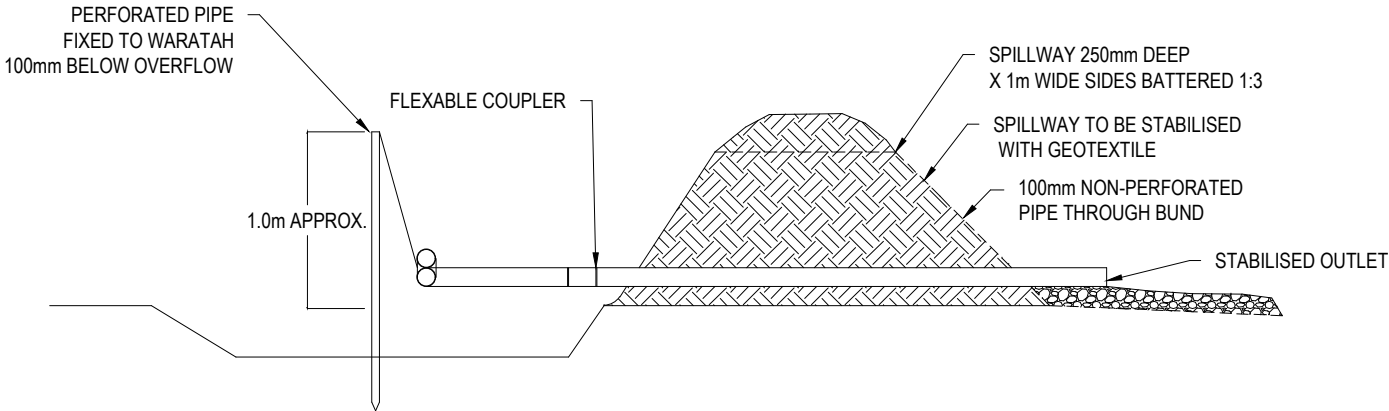
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
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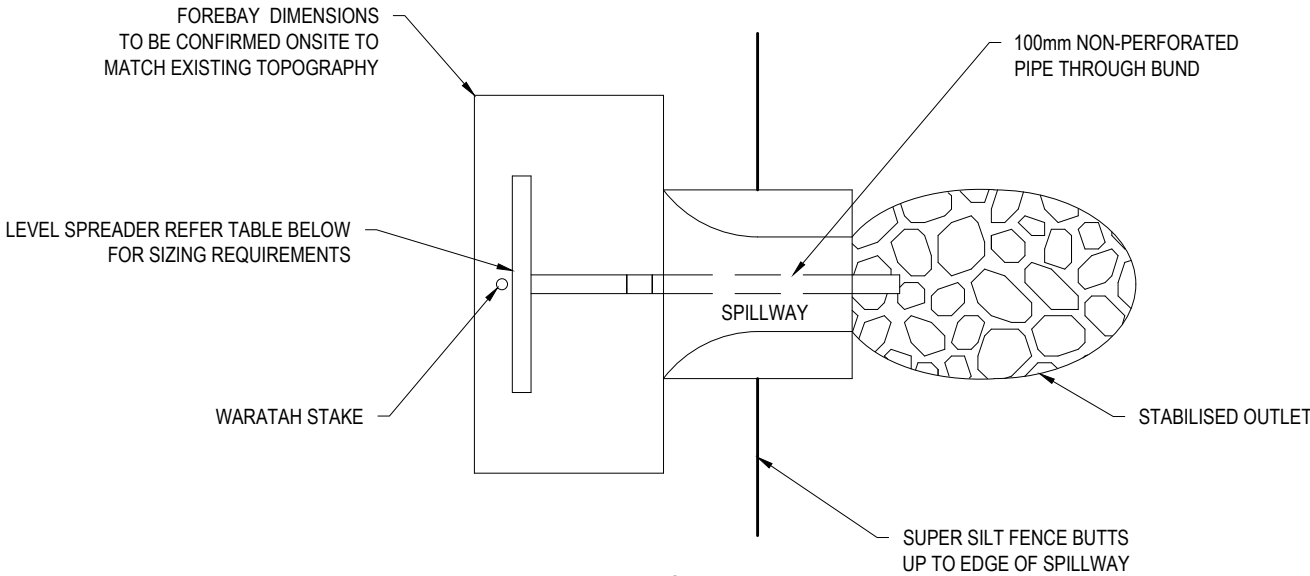
Title
**PROPOSED
EROSION & SEDIMENT
CONTROL DETAILS**

Project no.	119014
Scale	NTS
Cad file	119014-C240-ESC STANDARD DETS.DWG
Drawing no.	C240-2
Rev	A

RESOURCE CONSENT



EARTH BUND DECANT DETAIL A
N.T.S



DECANT PLAN VIEW
N.T.S

LEVEL SPREADER DESIGN CRITERIA (20 YEAR STORM EVENT)				
DESIGN FLOW (m ³ /sec)	INLET WIDTH (m)	DEPTH (m)	END WIDTH (m)	LENGTH (mm)
0-0.3	3	150	1	3
0.3-0.6	5	180	1	7
0.6-0.9	7	220	1	10

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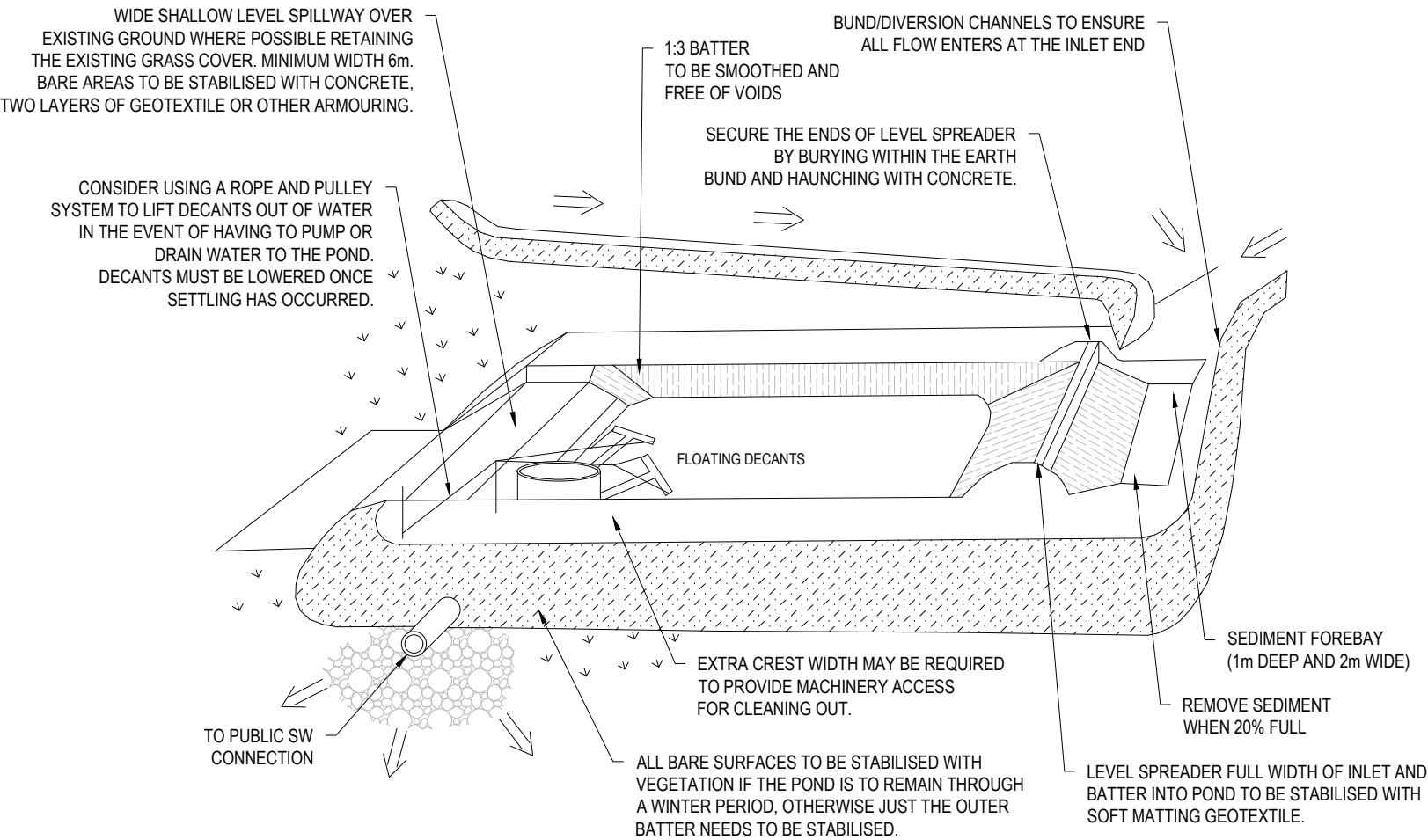
Level 1 286 Victoria Street, Hamilton

New Zealand

Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
EROSION & SEDIMENT
CONTROL DETAILS**

Project no.	119014		
Scale	NTS		
Cad file	119014-C240-ESC STANDARD DETS.DWG		
Drawing no.	C240-3	Rev	A



CROSS SECTION A-A OF SEDIMENT TREATMENT POND

- NOTES
- 1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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Design	TCH	10/2025	
Drawn	TCH	10/2025	
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Project

**BRYMER FARMS
FOR
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LIMITED**

Title

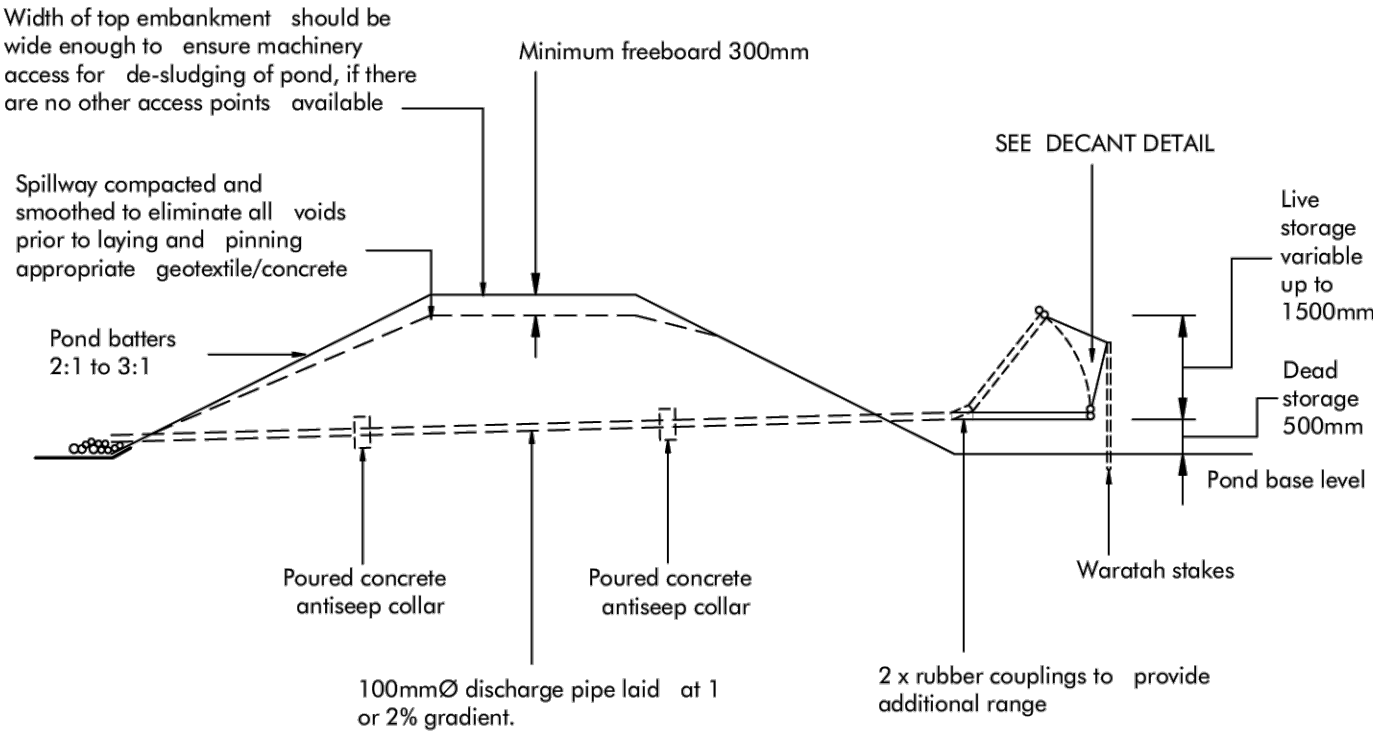
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EROSION & SEDIMENT
CONTROL DETAILS**

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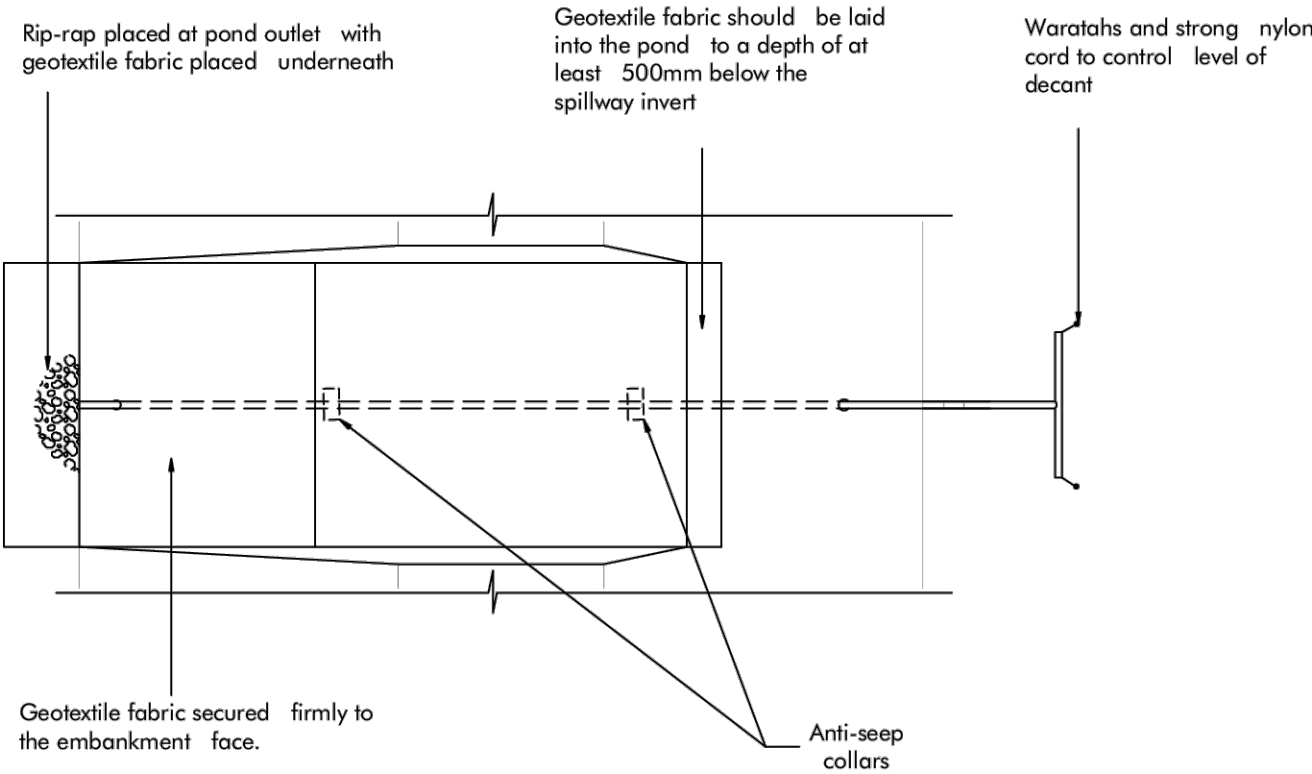
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RESOURCE CONSENT

Figure 19: Sediment retention pond for catchments up to 1.5 ha



CROSS SECTION



PLAN

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

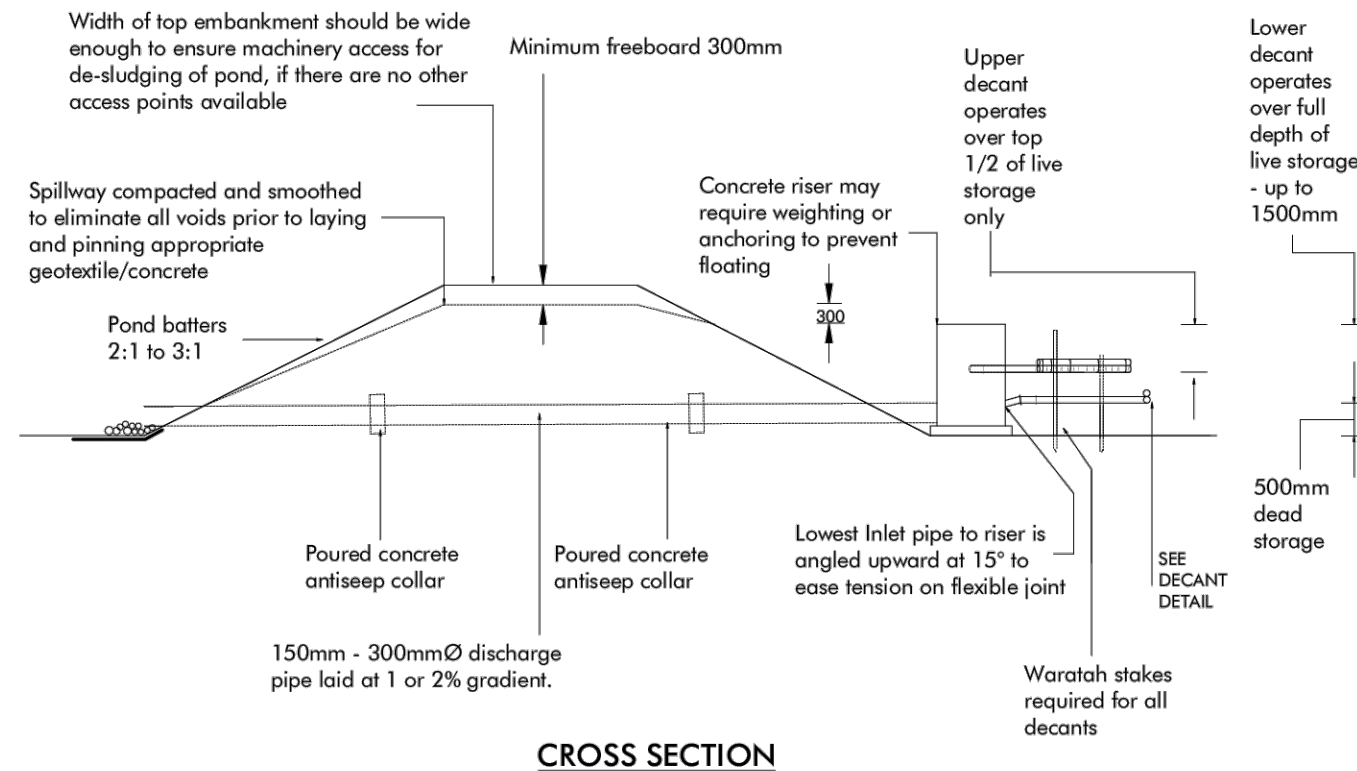
Title
**PROPOSED
EROSION & SEDIMENT
CONTROL DETAILS**

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Scale	NTS
Cad file	119014-C240-ESC STANDARD DETS.DWG
Drawing no.	C240-5
Rev	A

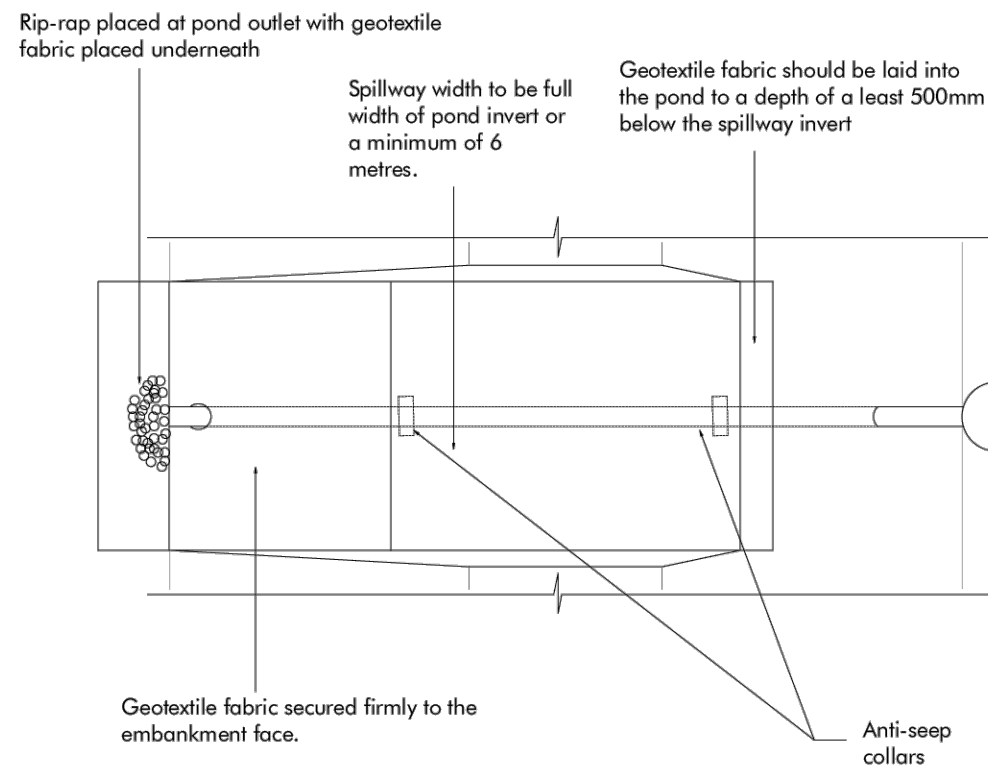
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RESOURCE CONSENT

Figure 20: Sediment retention pond for catchments between 1.5 And 3 ha



CROSS SECTION



PLAN

NOTES

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

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
EROSION & SEDIMENT
CONTROL DETAILS**

Project no.	119014
Scale	NTS
Cad file	119014-C240-ESC STANDARD DETS.DWG
Drawing no.	C240-6
Rev	A

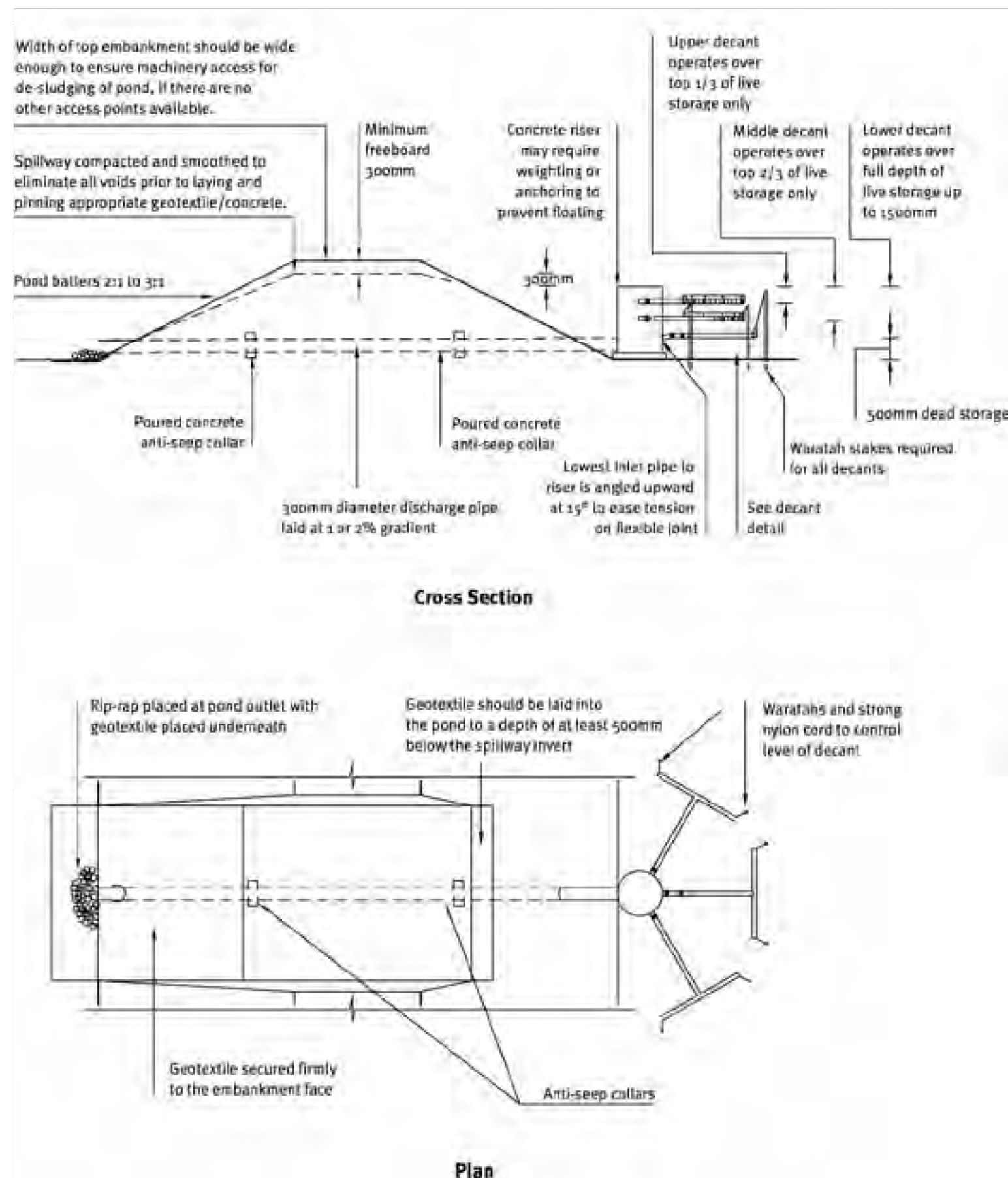


Figure 21: Sediment retention pond for catchments between 3 and 5 ha

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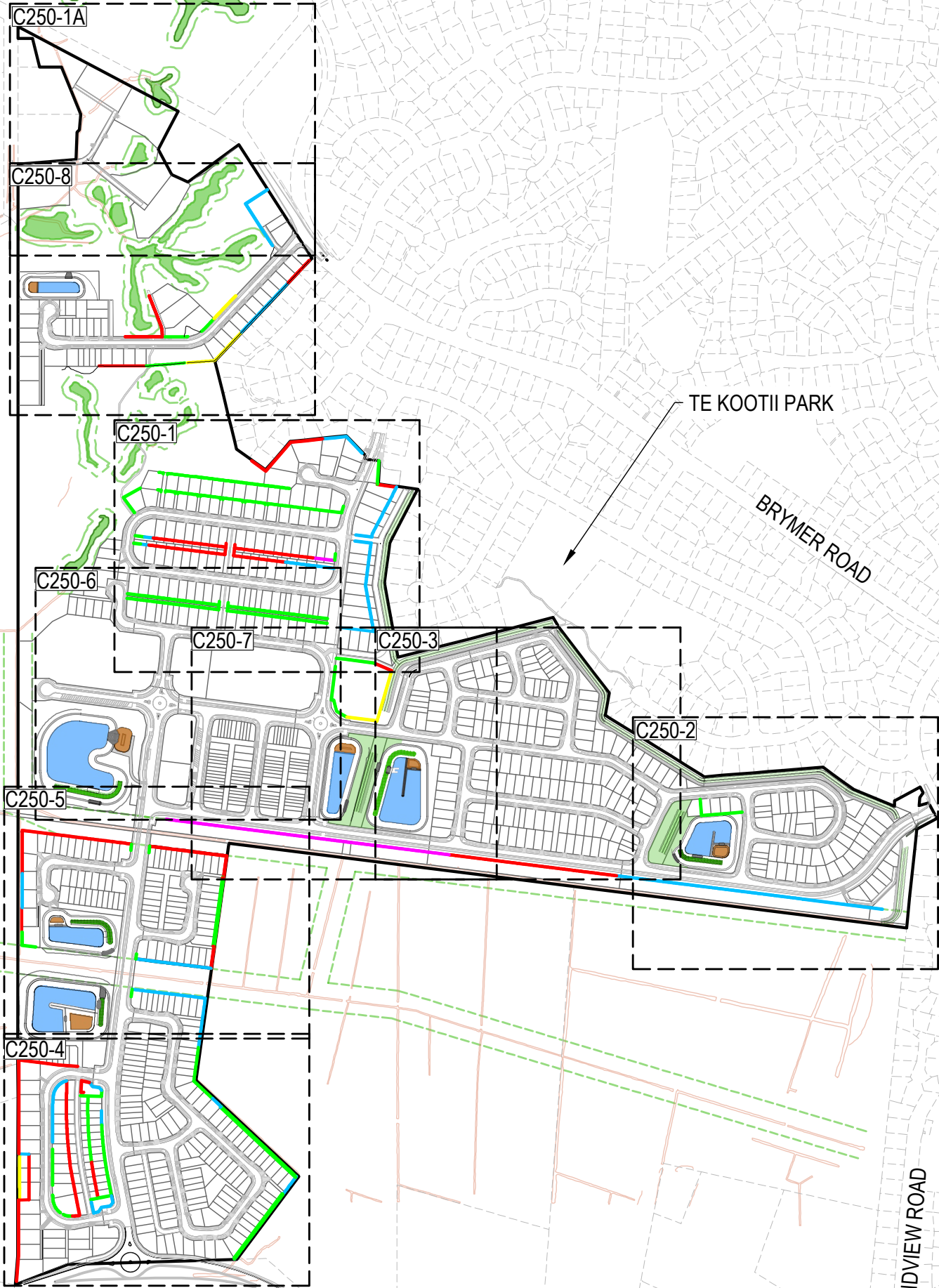
A	FAST TRACK	TCH	08/2026
Rev	Description	By	Date
Survey	MAVEN		
Design	TCH		10/2025
Drawn	TCH		10/2025
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
EROSION & SEDIMENT
CONTROL DETAILS**

Project no.	119014
Scale	NTS
Cad file	119014-C240-ESC STANDARD DETS.DWG
Drawing no.	C240-7
Rev	A



- 5.5. CUTTING OF TIMBERS SHALL BE AVOIDED WHEREVER POSSIBLE. IF CUTTING IS NECESSARY, THE EXPOSED SURFACES SHALL BE FLOODED WITH A COPPER NAPHTHENATE WOOD PRESERVATIVE.
6. THE MAXIMUM RETAINED HEIGHT SHALL BE AS SPECIFIED ON THE DRAWING AND SHALL NOT BE EXCEEDED UNLESS APPROVED BY MAVEN IN WRITING.
7. THE CONCRETE ENCASEMENT SHALL BE ADEQUATELY VIBRATED WITH A PENCIL VIBRATOR TO AVOID "HONEY COMBING".
8. EXCAVATIONS FOR FOUNDATIONS SHALL BE TAKEN OUT BY AUGERING TO THE DIMENSIONS DETAILED WITH ALL SURPLUS SOIL BEING DISPOSED OF AWAY FROM THE SITE.
9. ALLOWANCE SHALL BE MADE IN POSITIONING AUGERED HOLES FOR THE SLOPE OF THE WALL AND FOR CONCRETE SURROUND TO POLES.
10. DRIVING OF POLES IS NOT ACCEPTABLE AS AN ALTERNATIVE TO AUGERING.
11. THE CONTRACTOR SHALL VERIFY THE POSITION OF ALL UNDERGROUND SERVICES AND CONFIRM THAT THERE ARE NO CLASHES PRIOR TO CONSTRUCTION.
12. THE CONTRACTOR SHALL REFER TO MAVEN AS SOON AS POSSIBLE FOR FURTHER INSTRUCTION SHOULD ANY UNFORESEEN CIRCUMSTANCE OR ABNORMAL SITE CONDITION BE ENCOUNTERED DURING CONSTRUCTION.
13. INSPECTIONS ARE REQUIRED BY GEOTECHNICAL ENGINEER DURING CONSTRUCTION TO CONFIRM ASSUMED GROUND CONDITIONS.
14. MAVEN SHALL INSPECT AND APPROVE THE FOUNDING DEPTH AND CONDITION OF ALL PILE HOLES PRIOR TO INSTALLATION OF THE POLES AND POURING OF CONCRETE.
15. ANY GROUNDWATER AND ASSOCIATED SEDIMENT/SLUDGE WITHIN THE PILE HOLES SHALL BE REMOVED PRIOR TO INSTALLING THE TIMBER POLES AND THE POURING OF CONCRETE.
16. IF THERE IS POTENTIAL FOR HOLE COLLAPSE E.G. DUE TO WEAK GROUND CONDITION OR GROUNDWATER INGRESS, IT IS RECOMMENDED THAT ALTERNATE HOLES BE DRILLED INITIALLY AND BACKFILLED WITH CONCRETE PRIOR TO THE DRILLING OF THE REMAINING HOLES.
17. CONCRETE ENCASEMENT TO EXTEND TO TOE OF PERMANENT RETAINING WALL I.E. POST FUTURE BACKFILLING IN FRONT OF WALL.

- NOTES
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3. THE EXTENT OF EXCAVATION REQUIRED SHALL BE MARKED OUT ON THE GROUND HAVING REGARD TO THE POSITIONS OF POLES, WORKING SPACE FOR CONSTRUCTION, BACKFILL AND DRAINAGE.
4. THE RETAINING WALL SHOULD BE BACKFILLED TO ITS FULL HEIGHT WITH FREE DRAINING MATERIAL, FULLY WRAPPED BY A SEPARATION GEOTEXTILE BIDIM A14 OR APPROVED SIMILAR.
5. TIMBER POLE WALL
- 5.1. ALL TIMBER POLES SHALL BE H5 TREATED RADIATA PINE, WITH A MINIMUM CHARACTERISTIC BENDING STRESS OF 38.1 MPA IN ACCORDANCE WITH NZS 3603 UNLESS OTHERWISE SPECIFIED.
- 5.2. ALL TIMBER POLES SHALL HAVE CONCRETE ENCASEMENT BELOW THE GROUND LEVEL WITH A MINIMUM OF 75MM SIDE COVER. THE CHARACTERISTIC COMPRESSIVE STRENGTH OF THE CONCRETE ENCASEMENT SHALL BE $f'_{c} = 20$ MPA UNLESS OTHERWISE NOTED.
- 5.3. POLES ARE EXPRESSED AS A MINIMUM SMALL END DIAMETER $\varnothing$ (SED) AND SHALL BE INSTALLED SMALL END UPWARDS. CUT ENDS SHALL NOT BE PUT INTO THE GROUND.
- 5.4. TIMBER RAILING SHALL BE H4 TREATED RADIATA PINE AND SHALL BE FIXED TO THE FRONT OF THE POLES WITH HOT DIPPED GALVANIZED M12 COACH BOLTS/NAILS. RAILS SHALL HAVE MINIMUM 10MM GAP BETWEEN THEM.

LEGEND

	PR BDY
	EX BDY
	EX EASEMENT
	PR RETAINING WALL
	PR RE WALL 1m
	PR RE WALL 2m
	PR RE WALL 3m
	PR RE WALL 4m
	PR RE WALL 5m - 6m
	PR WALL TIMBER
	PR KEYSTONE WALL
	PR MSE WALL
	PR STEEL BEAM WALL
	PR WALL PROFILE
	PR WALL FACE PROFILE

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



Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
OVERVIEW PLAN**

Project no.	119014
Scale	1:7500 @ A3
Cad file	119014-C250-RETAINING.DWG
Drawing no.	C250
Rev	A

RESOURCE CONSENT



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- LEGEND
- PR BDY
 - EX BDY
 - EX EASEMENT
 - PR RETAINING WALL
 - PR RE WALL 1m
 - PR RE WALL 2m
 - PR RE WALL 3m
 - PR RE WALL 4m
 - PR RE WALL 5m - 6m
 - PR WALL TIMBER
 - PR KEYSTONE WALL
 - PR MSE WALL
 - PR STEEL BEAM WALL
 - PR WALL PROFILE
 - PR WALL FACE PROFILE

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

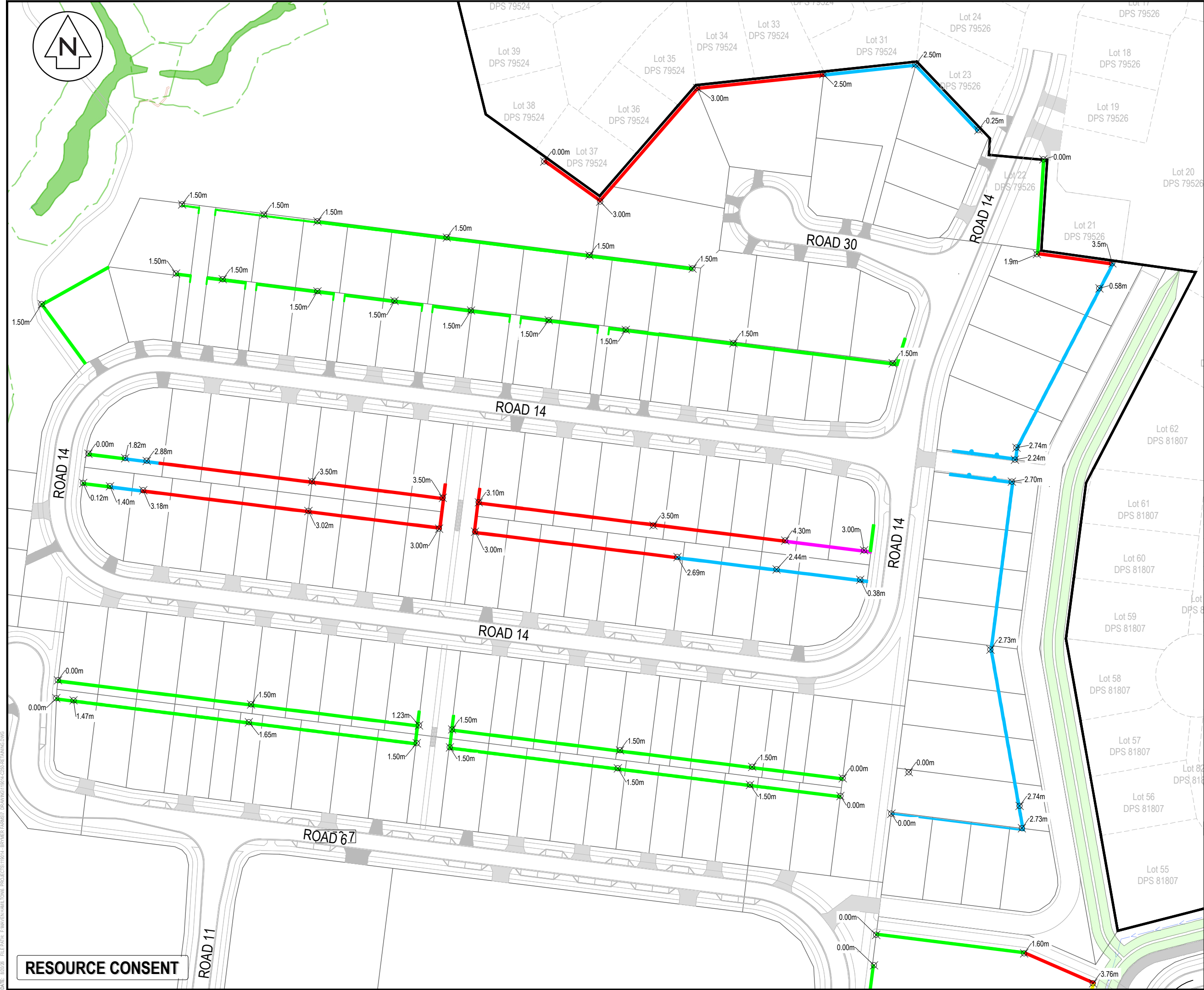


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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

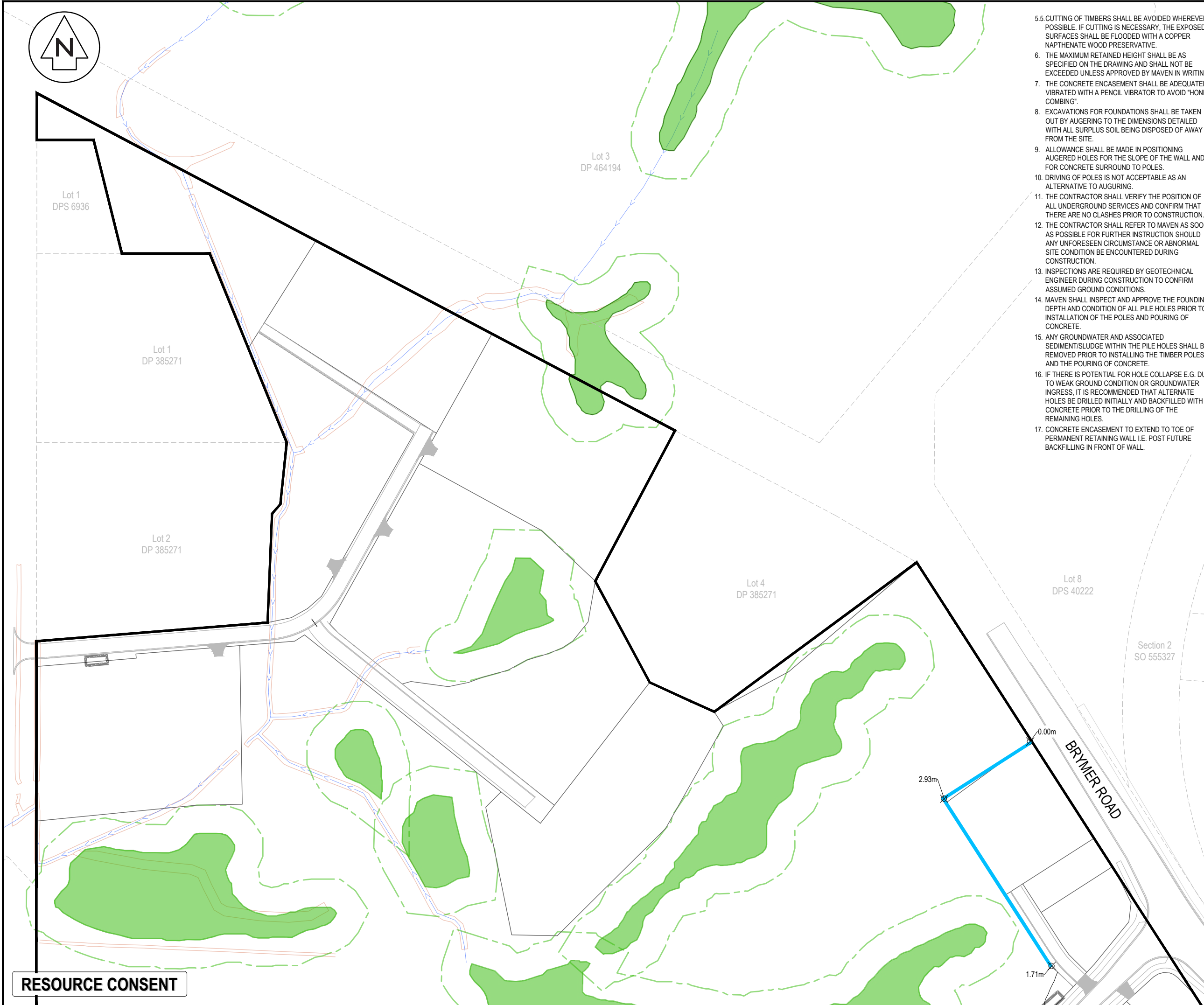
Title
**PROPOSED
RETAINING WALL
PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C250-RETAINING.DWG
Drawing no.	C250-1
Rev	A



RESOURCE CONSENT

DATE: 8/2026 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014-BRYMER FARMS\7 DRAWING\119014-C250-RETAINING.DWG



- NOTES**

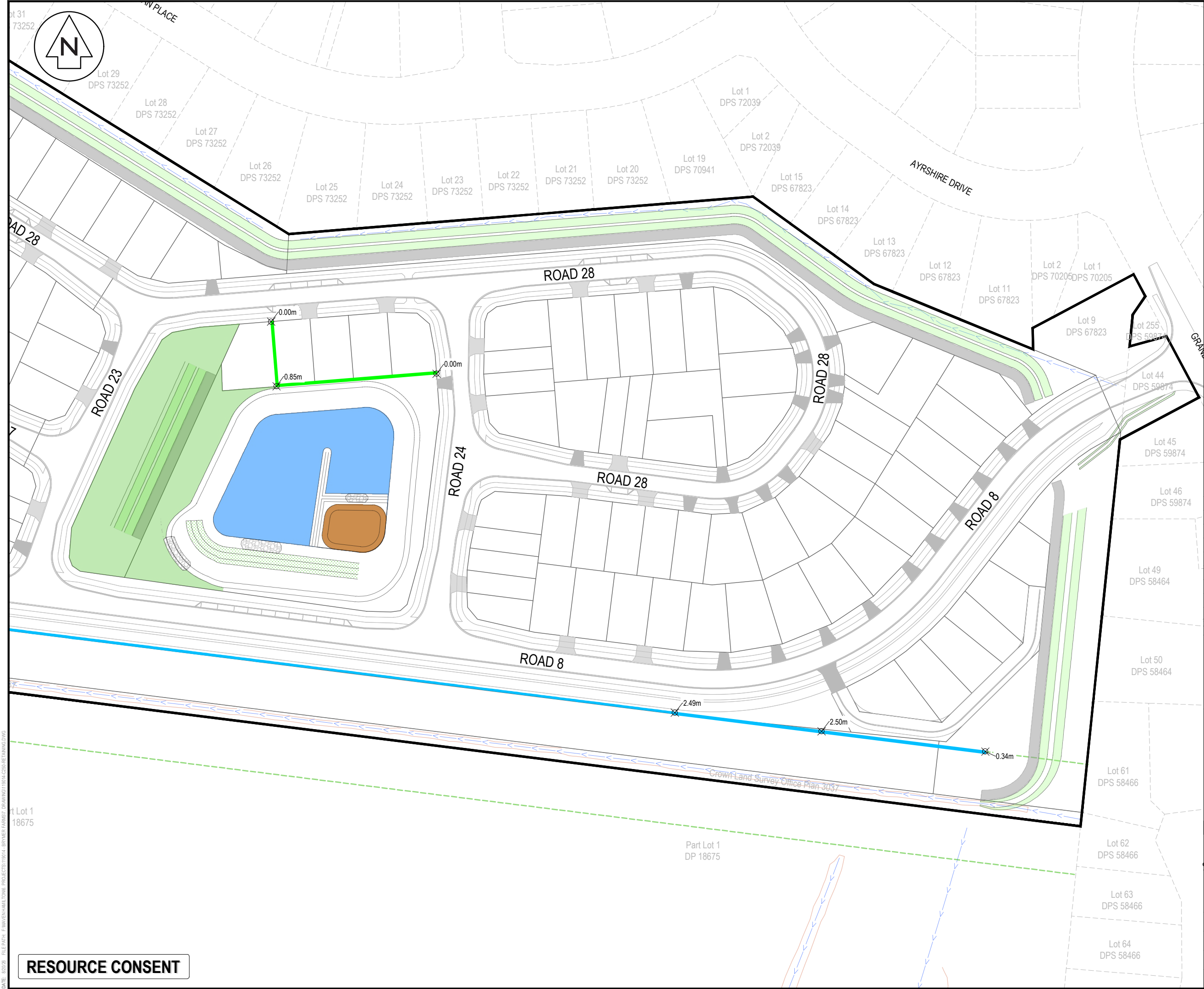
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LEGEND

	PR BDY
	EX BDY
	EX EASEMENT
	PR RETAINING WALL
	PR RE WALL 1m
	PR RE WALL 2m
	PR RE WALL 3m
	PR RE WALL 4m
	PR RE WALL 5m - 6m
	PR WALL TIMBER
	PR KEYSTONE WALL
	PR MSE WALL
	PR STEEL BEAM WALL
	PR WALL PROFILE
	PR WALL FACE PROFILE

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Project	
BRYMER FARMS FOR BRYMER FARMS LIMITED	
Title	
PROPOSED RETAINING WALL PLAN	
Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C250-RETAINING.DWG
Drawing no.	C250-2
Rev	A

RESOURCE CONSENT



NOTES

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- PR RE WALL 1m
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- PR WALL TIMBER
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- PR MSE WALL
- PR STEEL BEAM WALL
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- PR WALL FACE PROFILE

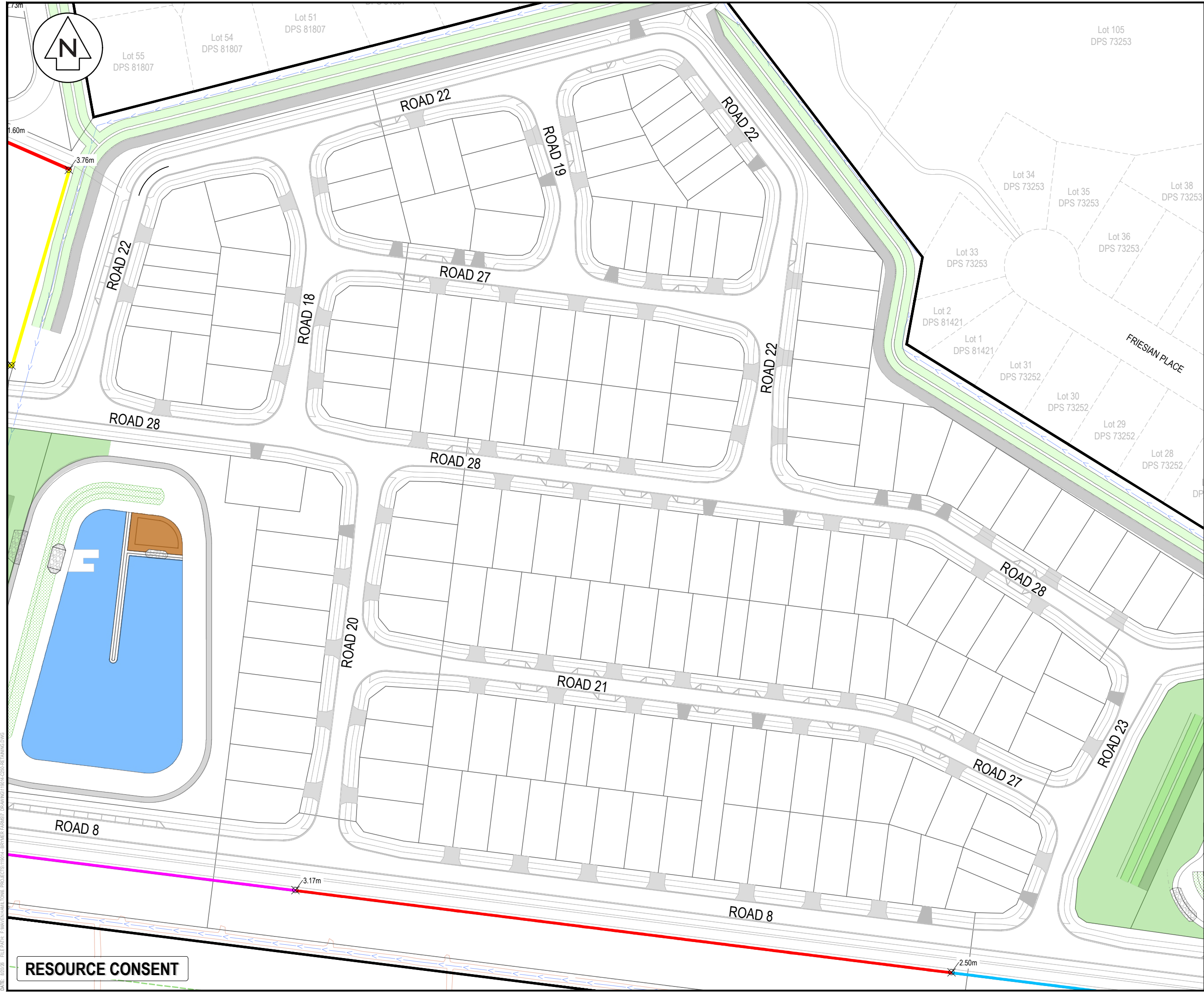
A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	TCH		10/2025
Checked	DJM		08/2026

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Project
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 BRYMER FARMS
 LIMITED**

Title
**PROPOSED
 RETAINING WALL
 PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C250-RETAINING.DWG
Drawing no.	C250-3
Rev	A



NOTES

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	EX BDY
	EX EASEMENT
	PR RETAINING WALL
	PR RE WALL 1m
	PR RE WALL 2m
	PR RE WALL 3m
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	PR STEEL BEAM WALL
	PR WALL PROFILE
	PR WALL FACE PROFILE

A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
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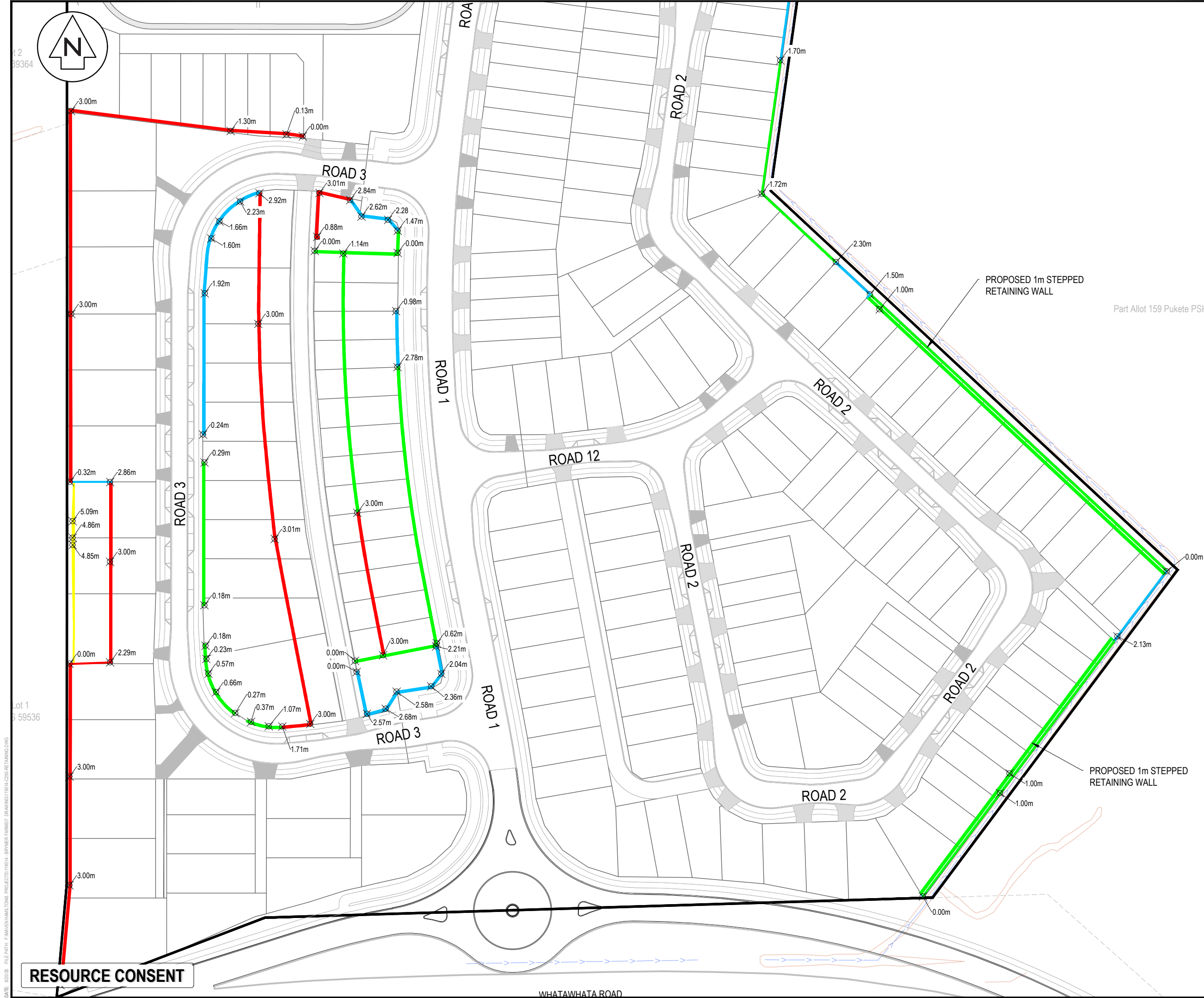
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
PLAN**

Project no.	119014		
Scale	1:1250 @ A3		
Cad file	119014-C250-RETAINING.DWG		
Drawing no.	C250-4	Rev	A

DATE: 8/20/26 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014- BRYMER FARMS\7 DRAWING\119014-C250-RETAINING.DWG

RESOURCE CONSENT



NOTES

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EX BDY	EX BDY
EX EASEMENT	EX EASEMENT
PR RETAINING WALL	PR RETAINING WALL
PR RE WALL 1m	PR RE WALL 1m
PR RE WALL 2m	PR RE WALL 2m
PR RE WALL 3m	PR RE WALL 3m
PR RE WALL 4m	PR RE WALL 4m
PR RE WALL 5m - 6m	PR RE WALL 5m - 6m
PR WALL TIMBER	PR WALL TIMBER
PR KEYSTONE WALL	PR KEYSTONE WALL
PR MSE WALL	PR MSE WALL
PR STEEL BEAM WALL	PR STEEL BEAM WALL
PR WALL PROFILE	PR WALL PROFILE
PR WALL FACE PROFILE	PR WALL FACE PROFILE

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

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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C250-RETAINING.DWG
Drawing no.	C250-5
Rev	A

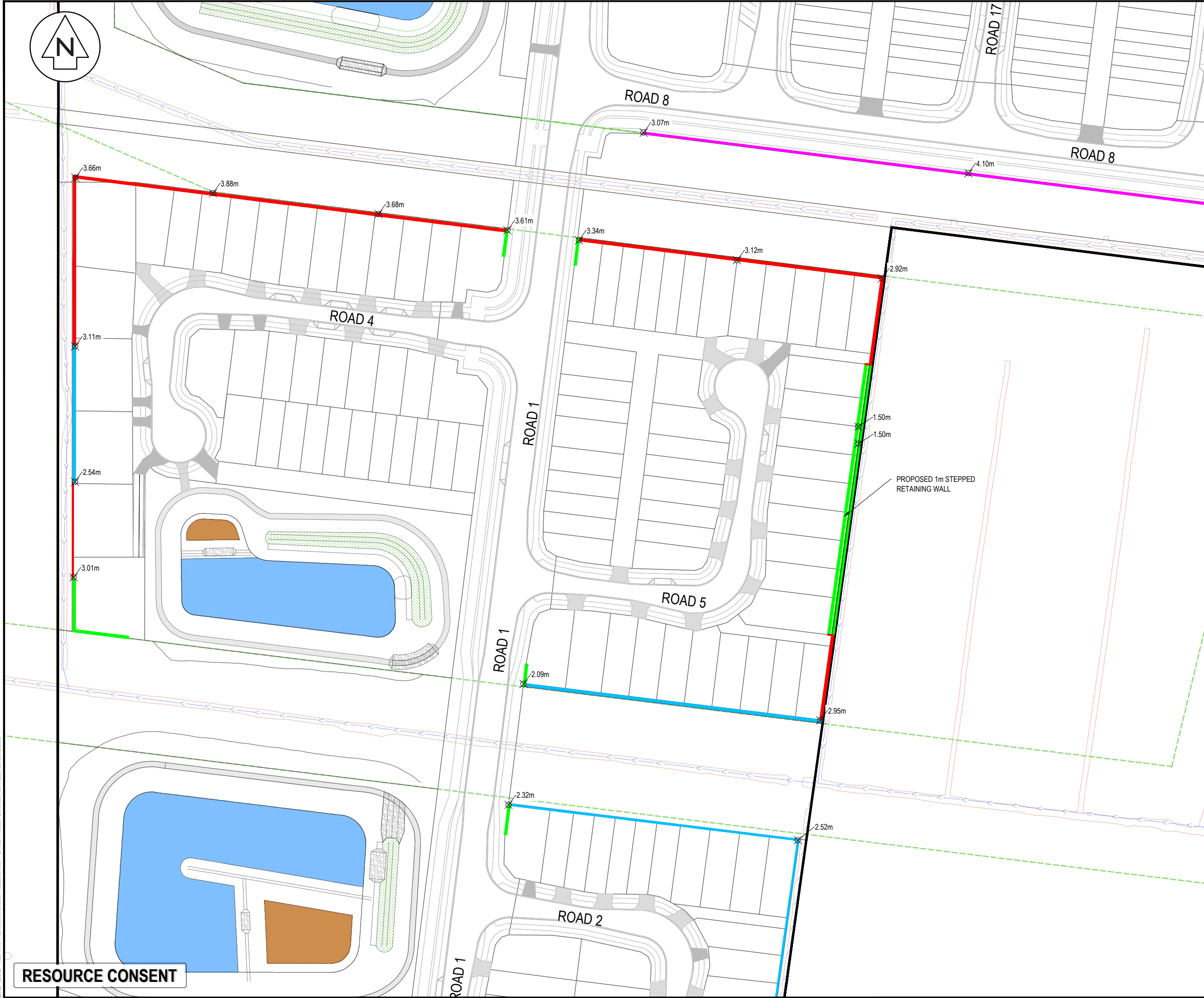
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Lot 1
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DATE: 8/2026 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\119014- BRYMER FARMS\7 DRAWING\119014-C250-RETAINING.DWG

RESOURCE CONSENT

WHATAWHATA ROAD



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



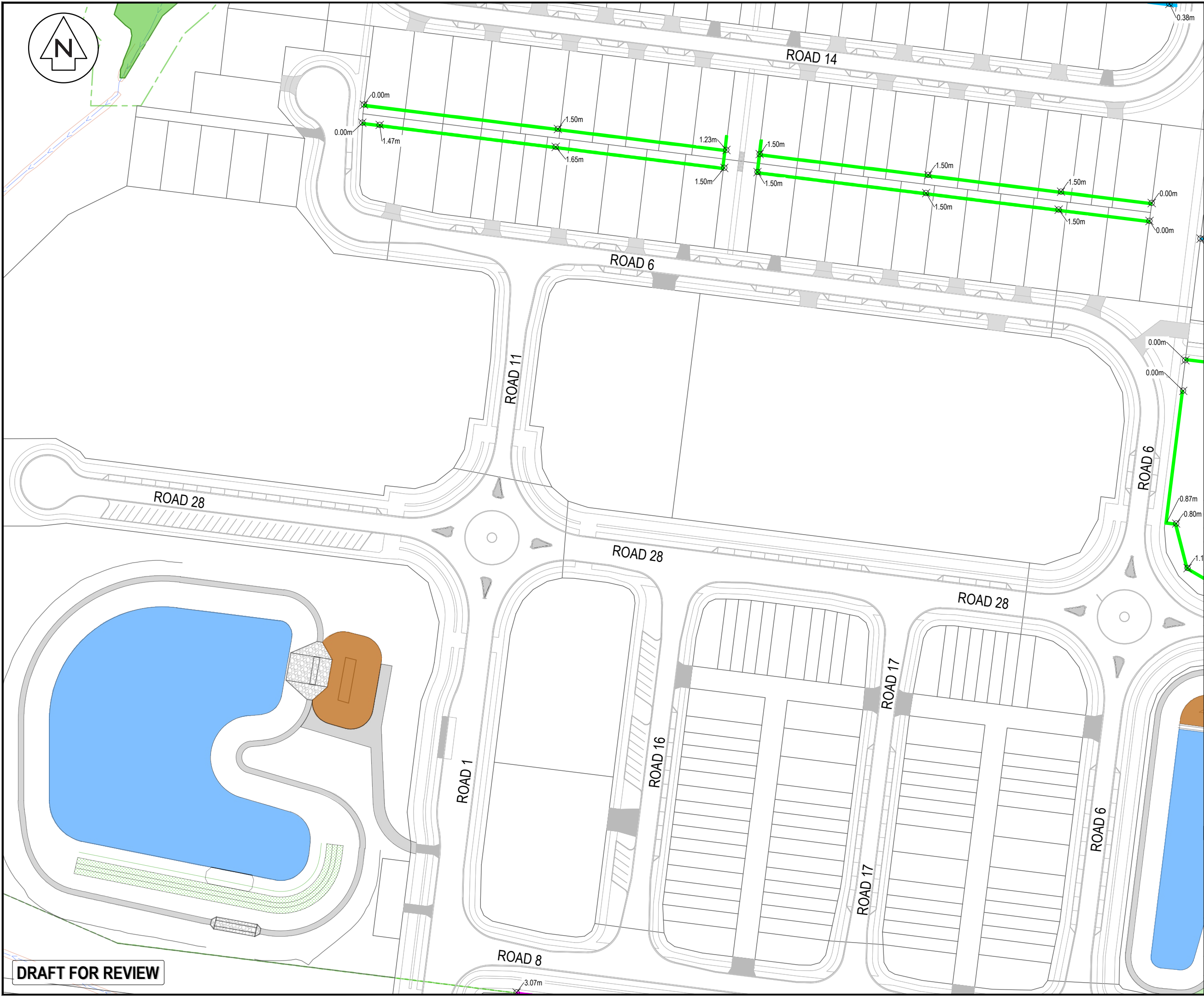
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
PLAN**

Project no.	119014		
Scale	1:1250 @ A3		
Cad file	119014-C250-RETAINING.DWG		
Drawing no.	C250-6	Rev	A

RESOURCE CONSENT



- NOTES
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	PR STEEL BEAM WALL
	PR WALL PROFILE
	PR WALL FACE PROFILE

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



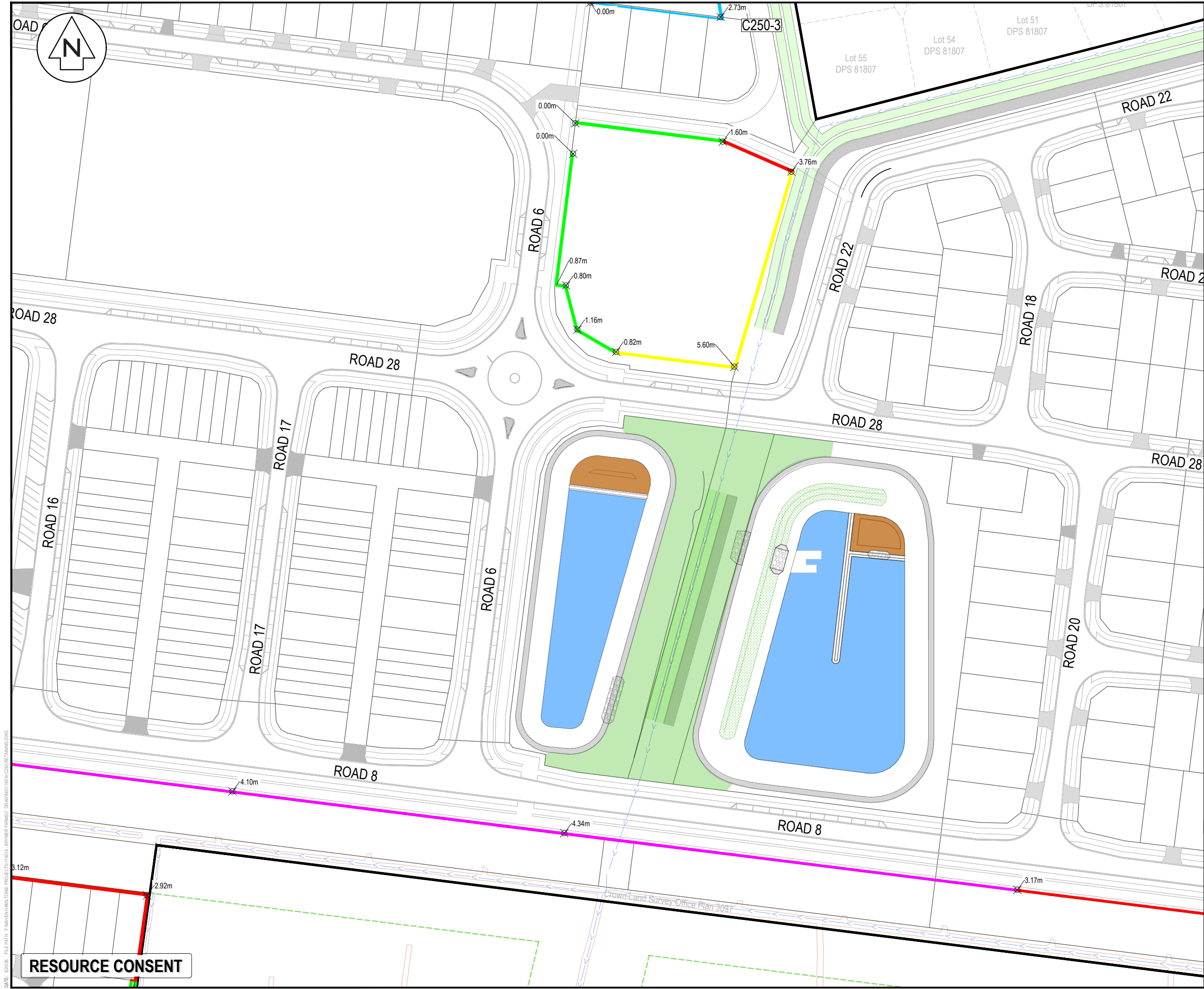
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New Zealand

Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C250-RETAINING.DWG
Drawing no.	C250-7
Rev	A

DRAFT FOR REVIEW



NOTES

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	PR RE WALL 1m
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A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
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Project
**BRYMER FARMS
FOR
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LIMITED**

Title
**PROPOSED
RETAINING WALL
PLAN**

Project no.	119014		
Scale	1:1250 @ A3		
Cad file	119014-C250-RETAINING.DWG		
Drawing no.	C250-8	Rev	A



Section 2
SO 555327

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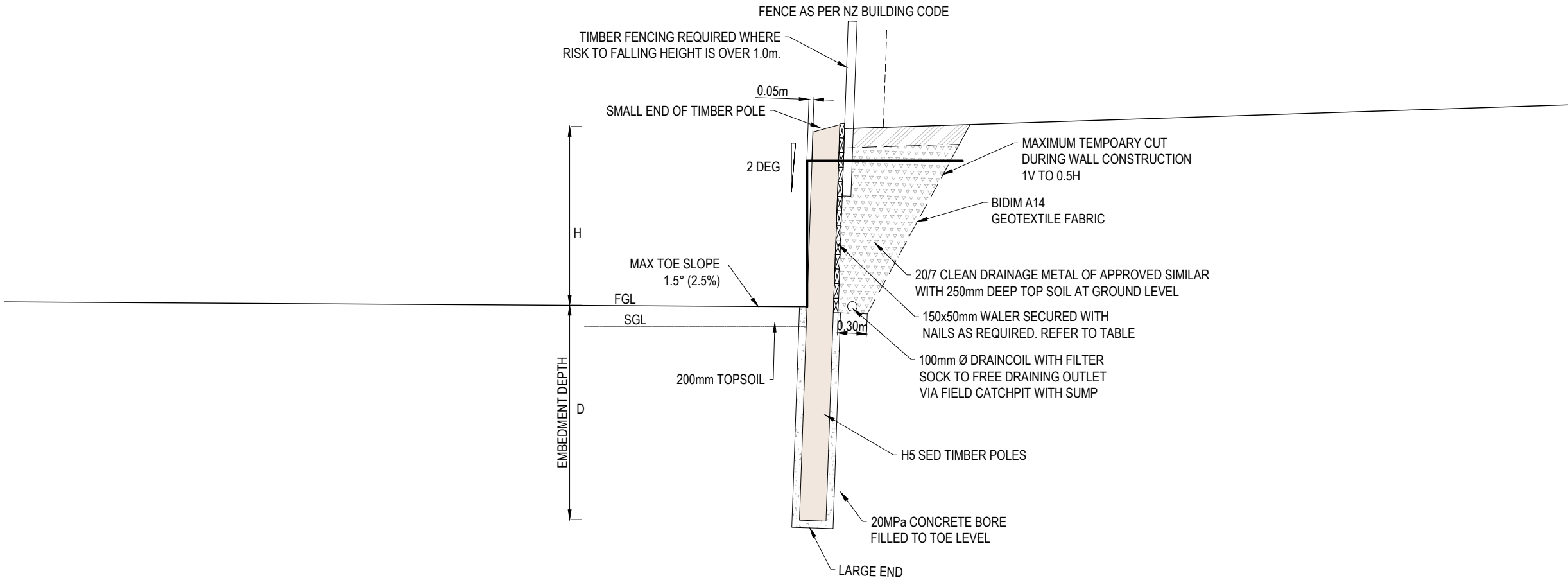
Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
PLAN**

Project no.	119014
Scale	1:1250 @ A3
Cad file	119014-C250-RETAINING.DWG
Drawing no.	C250-9
Rev	A

RESOURCE CONSENT

DATE: 8/2026 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\119014-BRYMER FARMS\7 DRAWING\119014-C250-RETAINING.DWG



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. ALL EXISTING AND PROPOSED SERVICES SHALL BE MARKED AND PROTECTED DURING CONSTRUCTION.
 3. THE EXTENT OF EXCAVATION REQUIRED SHALL BE MARKED OUT ON THE GROUND HAVING REGARD TO THE POSITIONS OF POLES, WORKING SPACE FOR CONSTRUCTION, BACKFILL AND DRAINAGE.
 4. THE RETAINING WALL SHOULD BE BACKFILLED TO ITS FULL HEIGHT WITH FREE DRAINING MATERIAL, FULLY WRAPPED BY A SEPARATION GEOTEXTILE BIDIM A14 OR APPROVED SIMILAR.
 5. TIMBER POLE WALL
 - 5.1. ALL TIMBER POLES SHALL BE H5 TREATED RADIATA PINE, WITH A MINIMUM CHARACTERISTIC BENDING STRESS OF 38.1 MPA IN ACCORDANCE WITH NZS 3603 UNLESS OTHERWISE SPECIFIED.
 - 5.2. ALL TIMBER POLES SHALL HAVE CONCRETE ENCASEMENT BELOW THE GROUND LEVEL WITH A MINIMUM OF 75MM SIDE COVER. THE CHARACTERISTIC COMPRESSIVE STRENGTH OF THE CONCRETE ENCASEMENT SHALL BE $f'c = 20$ MPA UNLESS OTHERWISE NOTED.
 - 5.3. POLES ARE EXPRESSED AS A MINIMUM SMALL END DIAMETER $\emptyset$ (SED) AND SHALL BE INSTALLED SMALL END UPWARDS. CUT ENDS SHALL NOT BE PUT INTO THE GROUND.
 - 5.4. TIMBER RAILING SHALL BE H4 TREATED RADIATA PINE AND SHALL BE FIXED TO THE FRONT OF THE POLES WITH HOT DIPPED GALVANIZED M12 COACH BOLTS/NAILS. RAILS SHALL HAVE MINIMUM 10MM GAP BETWEEN THEM.

LEGEND

	PR BDY
	EX BDY
	EX EASEMENT
	PR RETAINING WALL
	PR RE WALL 1m
	PR RE WALL 2m
	PR RE WALL 3m
	PR RE WALL 4m
	PR RE WALL 5m - 6m
	PR WALL TIMBER
	PR KEYSTONE WALL
	PR MSE WALL
	PR STEEL BEAM WALL
	PR WALL PROFILE
	PR WALL FACE PROFILE

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



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New Zealand

Project

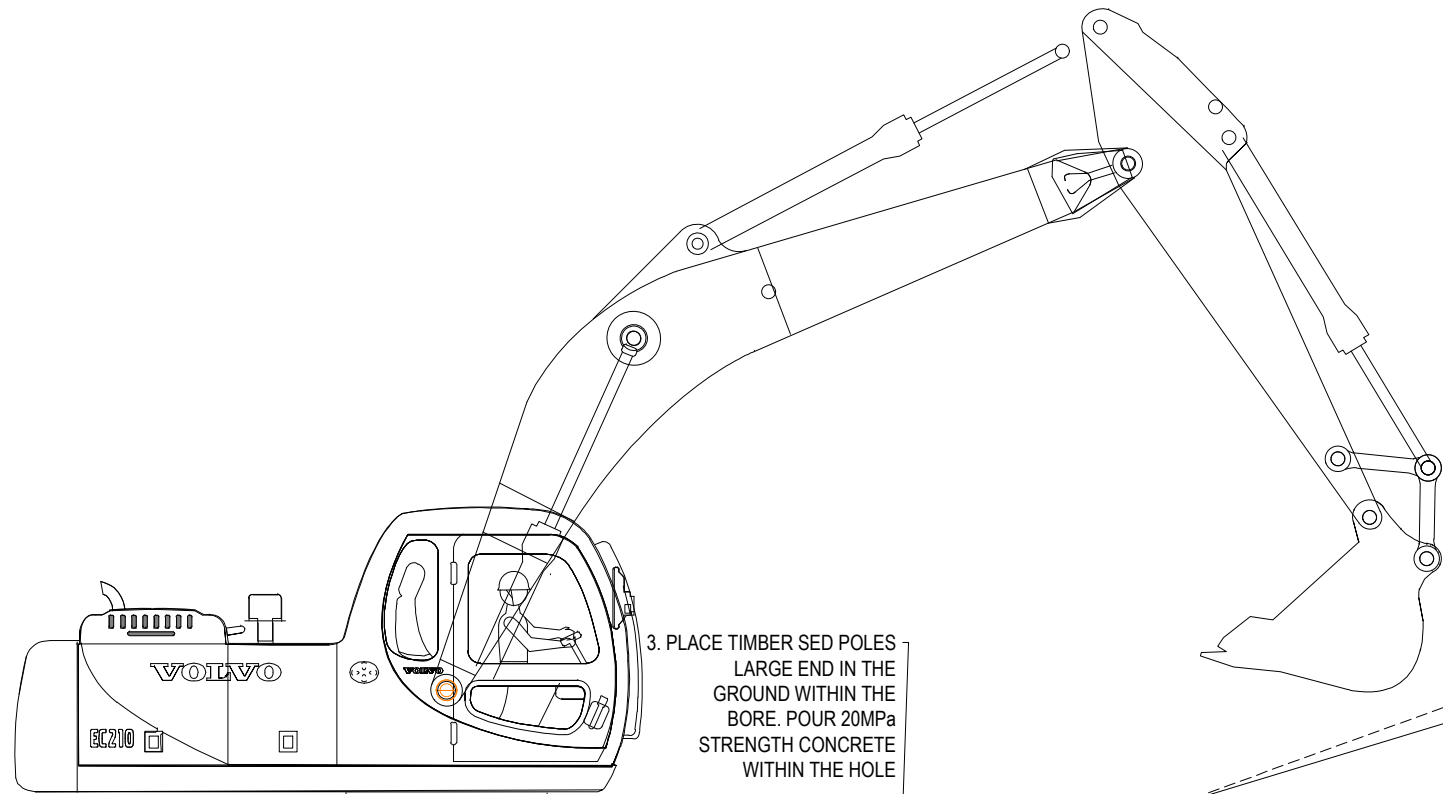
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title

**PROPOSED
RETAINING WALL
TYPICAL DETAILS**

Project no.	119014		
Scale	1:50 @ A3		
Cad file	119014-C250-RETAINING.DWG		
Drawing no.	C255	Rev	A

RESOURCE CONSENT



1. STABLE WORKING PLATFORM TO BE FORMED IN FRONT OF WALL FOR PLANT

EXISTING GROUND LEVEL. POLES TO BE INSTALLED PRIOR TO EXCAVATION OF LOWER BENCH (TOP DOWN CONSTRUCTION; I.E NO UNSUPPORTED EXCAVATIONS

FGL

2. DRILL HOLES TO DESIGN DEPTH AND BORE DIAMETER. CONTRACTOR TO BORE RETAINING WALL'S HOLES IN A HIT AND MISS CONSTRUCTION SEQUENCE TO PREVENT BORE HOLE COLLAPSE OF CLOSELY SPACED HOLES.

3. PLACE TIMBER SED POLES LARGE END IN THE GROUND WITHIN THE BORE. POUR 20MPa STRENGTH CONCRETE WITHIN THE HOLE

MAX SLOPE 18°
(1 IN 3)

BOUNDARY

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A	FAST TRACK	AJP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	TCH		10/2025
Drawn	TCH		10/2025
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Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
TYPICAL DETAILS**

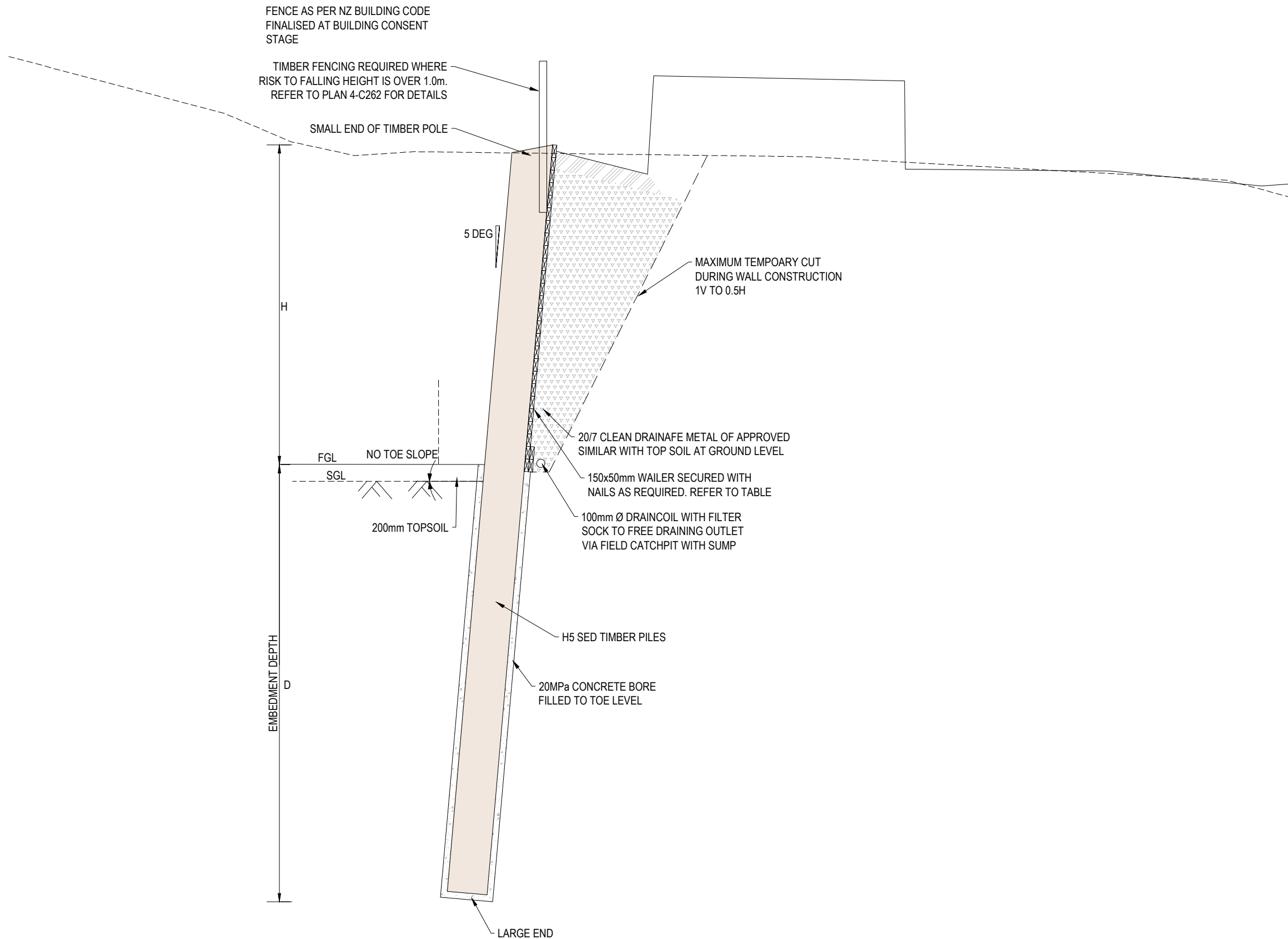
Project no.	119014		
Scale	1:50 @ A3		
Cad file	119014-C250-RETAINING.DWG		
Drawing no.	C255-1	Rev	A

RESOURCE CONSENT



DATE: 8/20/26 FILE PATH: F:\MAVEN\HAMILTON6 PROJECTS\119014- BRYMER FARMS\7 DRAWING\119014-C255-RETAINING.DWG

RESOURCE CONSENT



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

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New Zealand

Project
**BRYMER FARMS
FOR
BRYMER FARMS
LIMITED**

Title
**PROPOSED
RETAINING WALL
TYPICAL DETAILS**

Project no.	119014		
Scale	1:50 @ A3		
Cad file	119014-C250-RETAINING.DWG		
Drawing no.	C255-2	Rev	A