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LEGEND:

- EX BDY
- PR BDY
- PR EXTENT WORK
- PR ROAD CENTRELINE
- PR PASSING BAY
- PR VEHICLE CROSSING
- PR BUILDING PLATFORM AREA
- PR CARRIAGEWAY
- PR SWALE
- PR BERM
- BOLLARD LIGHT
- STAGE BOUNDARY
- EXISTING STREAMS
- 10m STREAM SETBACK
- RIPARIAN YARD
- 20m SETBACK
- WETLAND AREA
- 100m SETBACK

A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
		By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

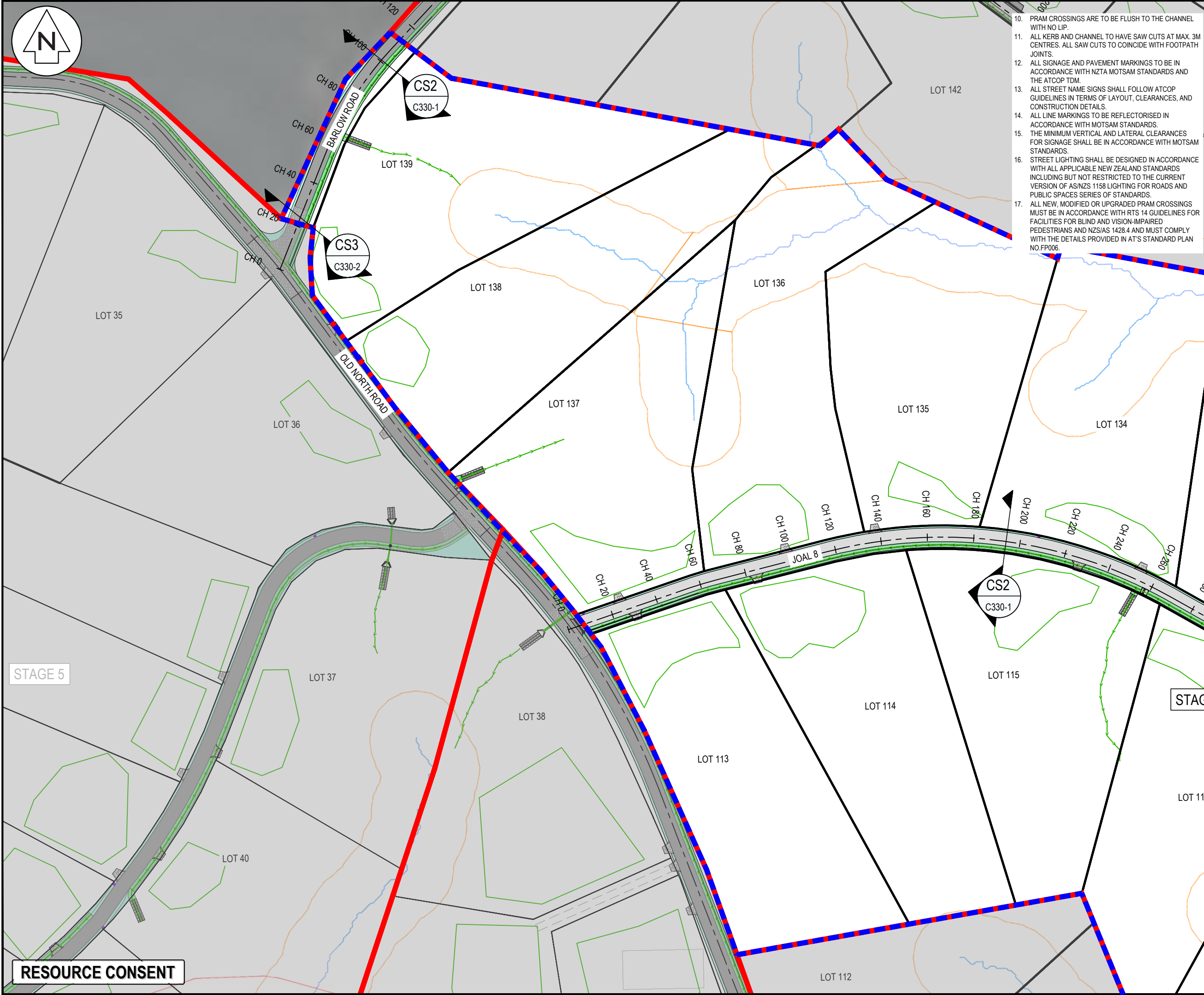
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 8**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-8-0
Rev	A

RESOURCE CONSENT



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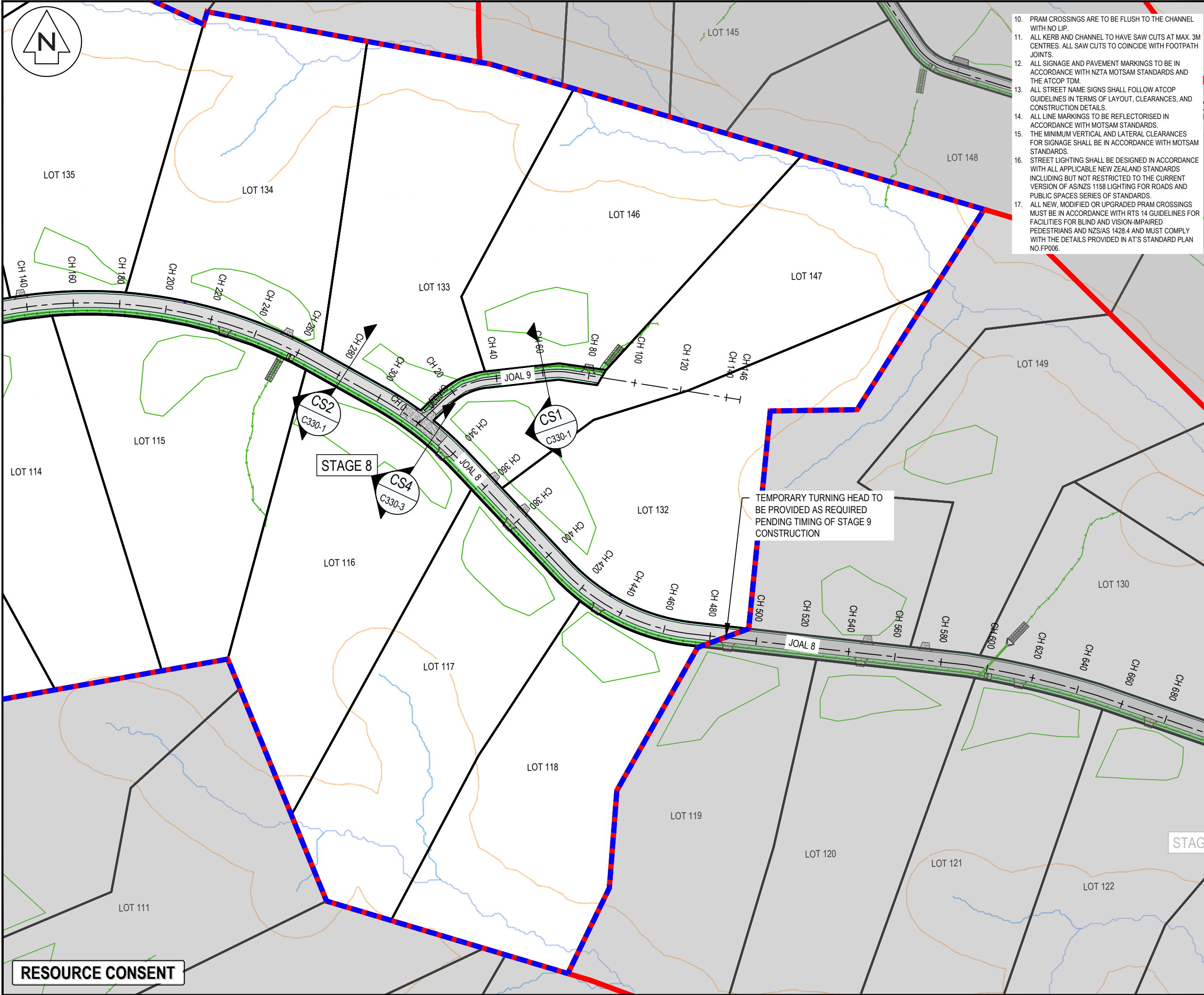
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Scale	1:1500 @ A3
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Drawing no.	C300-8-1
Rev	A

STAGE 5

RESOURCE CONSENT



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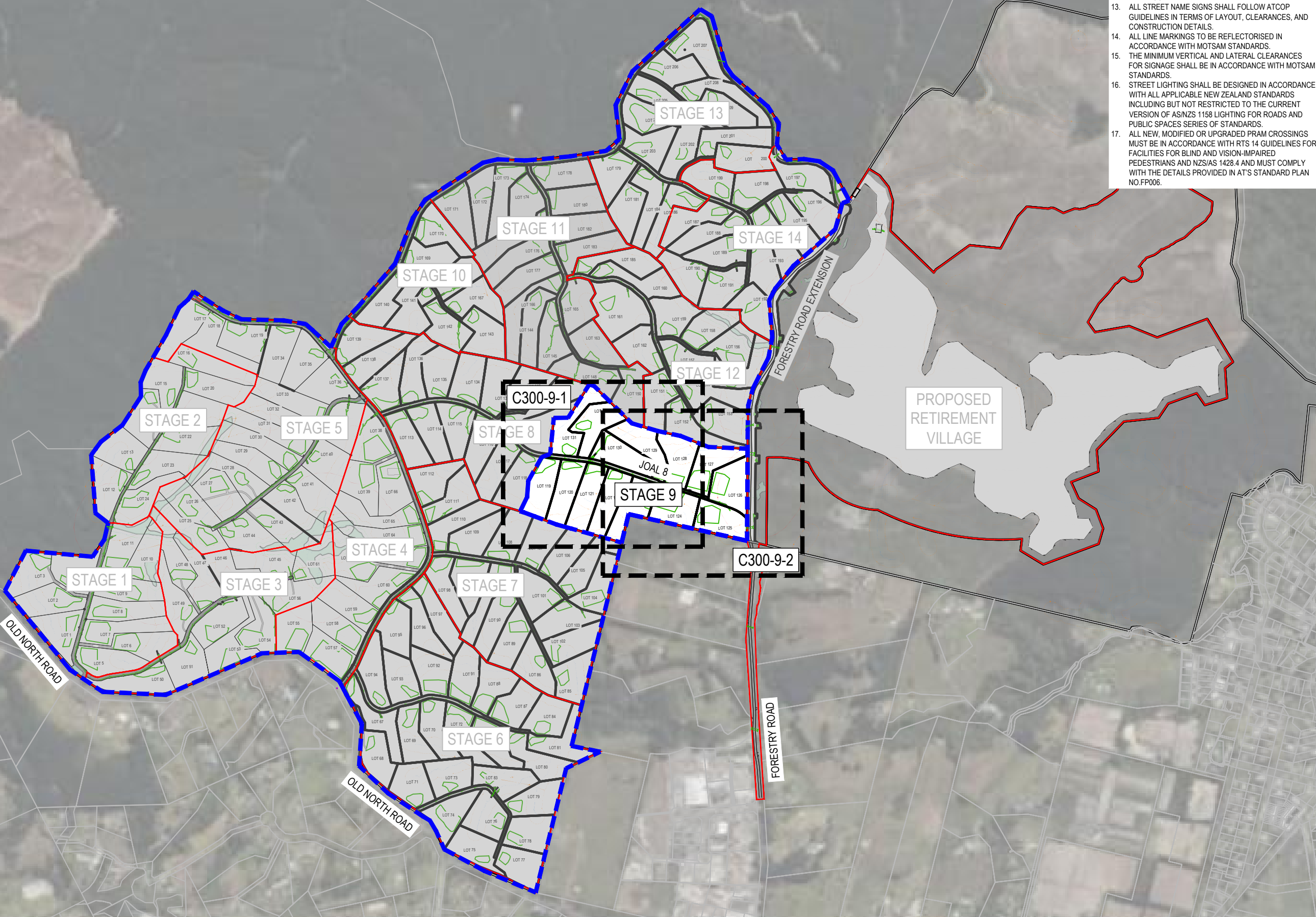
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Drawing no.	C300-8-2
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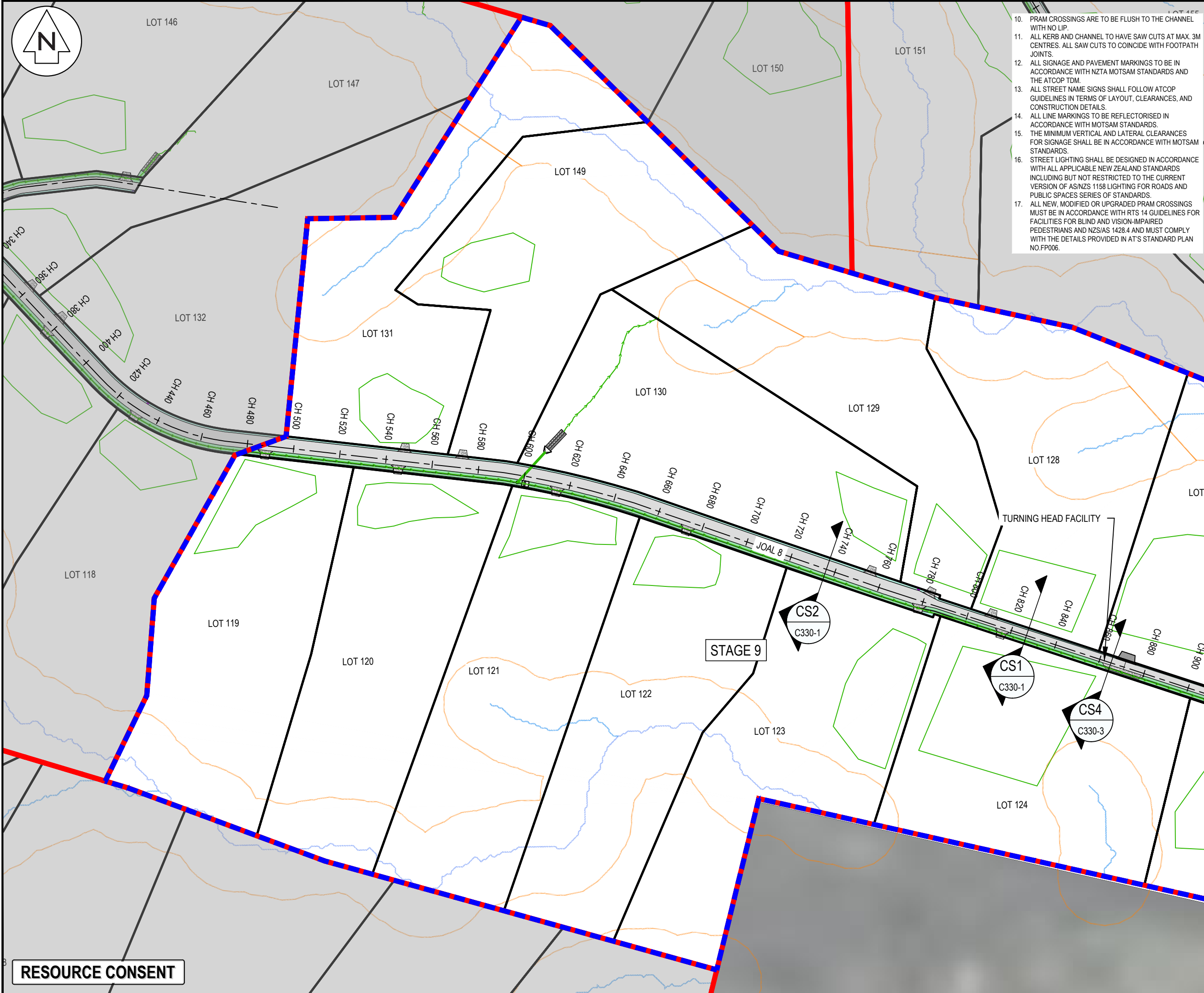
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Title
**PROPOSED
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Project no.	147007
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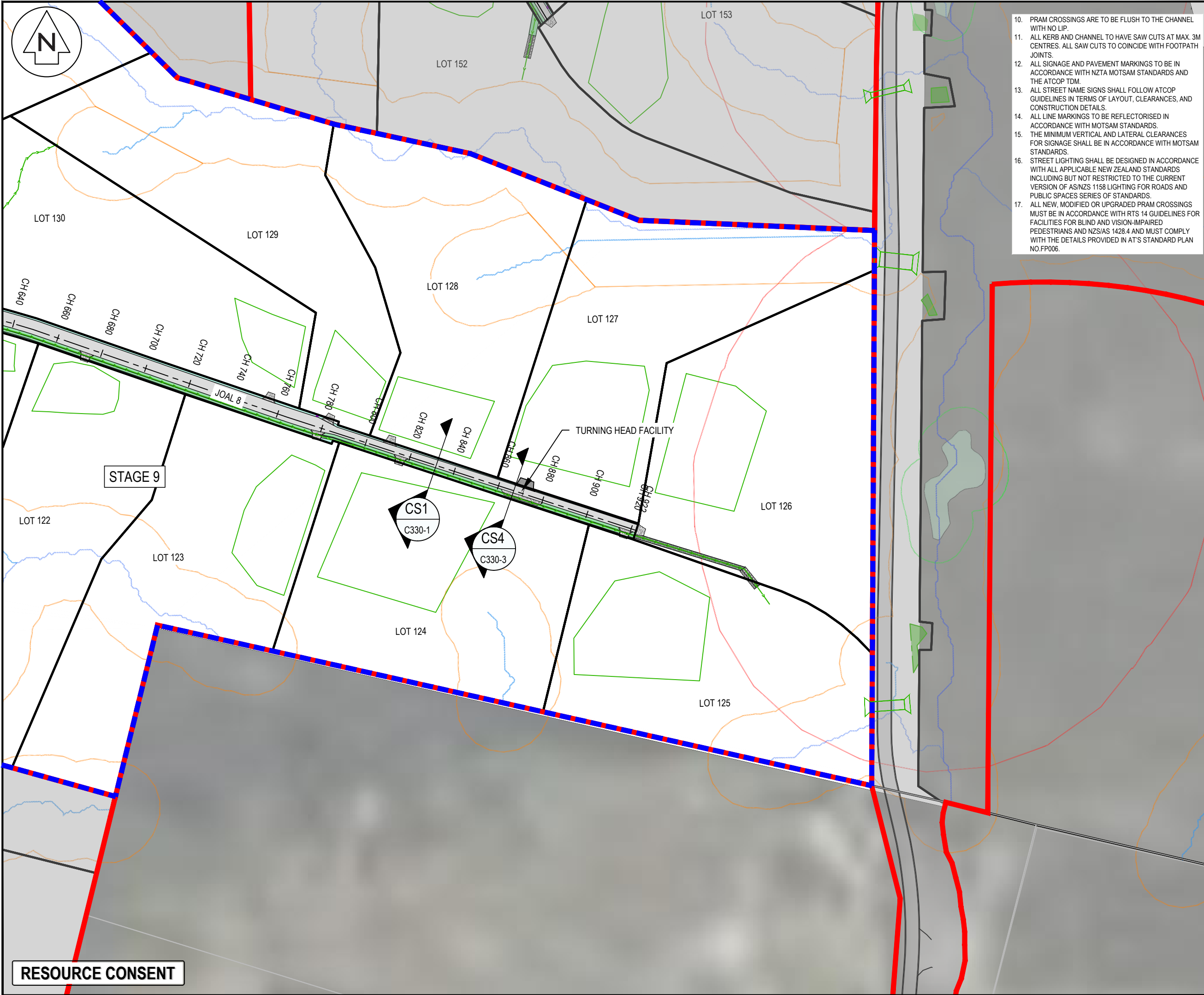
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Title
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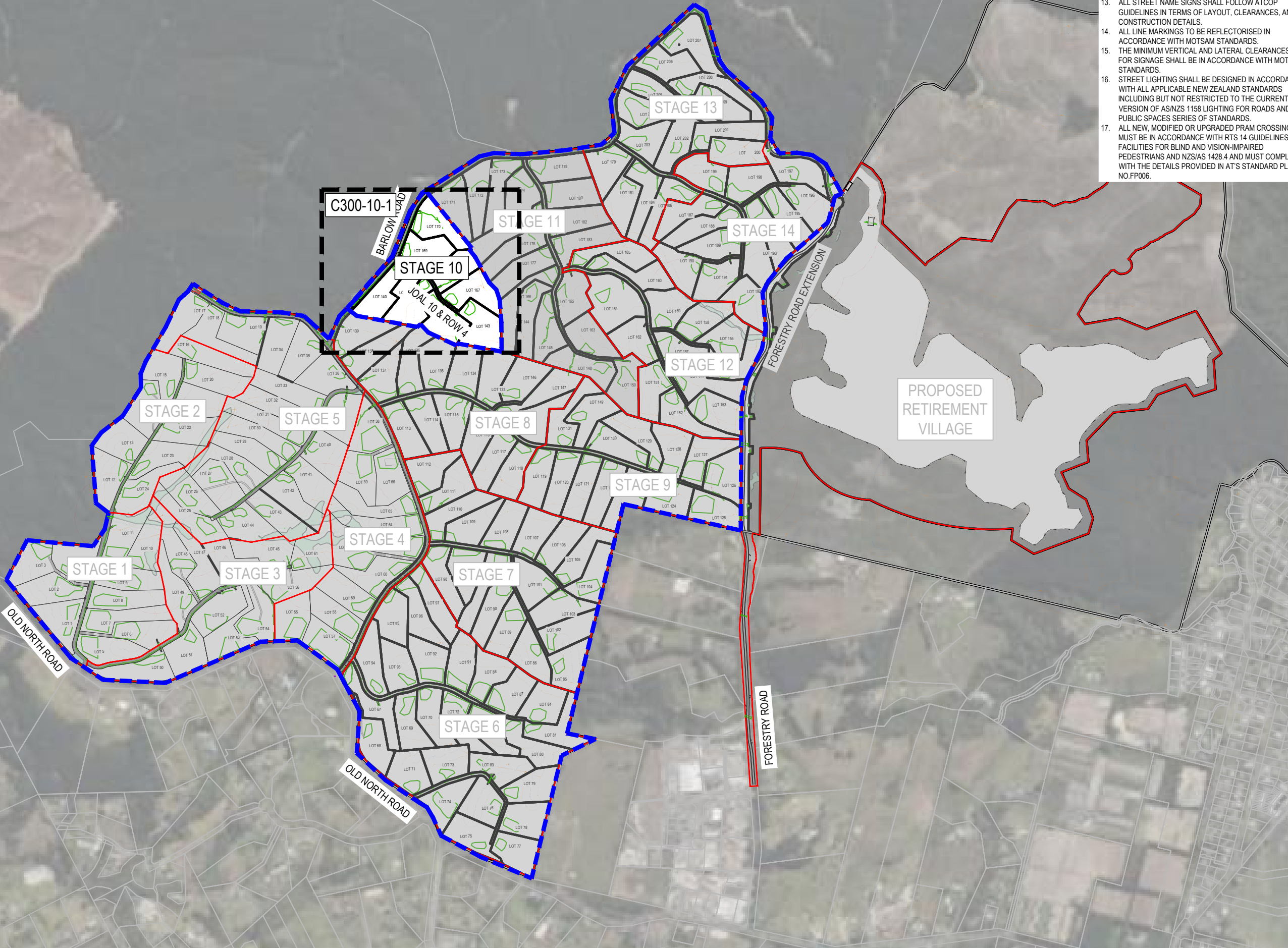


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Project no.	147007
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Title
**PROPOSED
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OVERVIEW - STAGE 10**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-10-0
Rev	A



10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3M CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
12. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE ATCOP TDM.
13. ALL STREET NAME SIGNS SHALL FOLLOW ATCOP GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
14. ALL LINE MARKINGS TO BE REFLECTORISED IN ACCORDANCE WITH MOTSAM STANDARDS.
15. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH MOTSAM STANDARDS.
16. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
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- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
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 8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
 9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.

- LEGEND:
- EX BDY
 - PR BDY
 - PR EXTENT WORK
 - PR ROAD CENTRELINE
 - PR PASSING BAY
 - PR VEHICLE CROSSING
 - PR BUILDING PLATFORM AREA
 - PR CARRIAGEWAY
 - PR SWALE
 - PR BERM
 - BOLLARD LIGHT
 - STAGE BOUNDARY
 - EXISTING STREAMS
 - 10m STREAM SETBACK
 - RIPARIAN YARD
 - 20m SETBACK
 - WETLAND AREA
 - 100m SETBACK

A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

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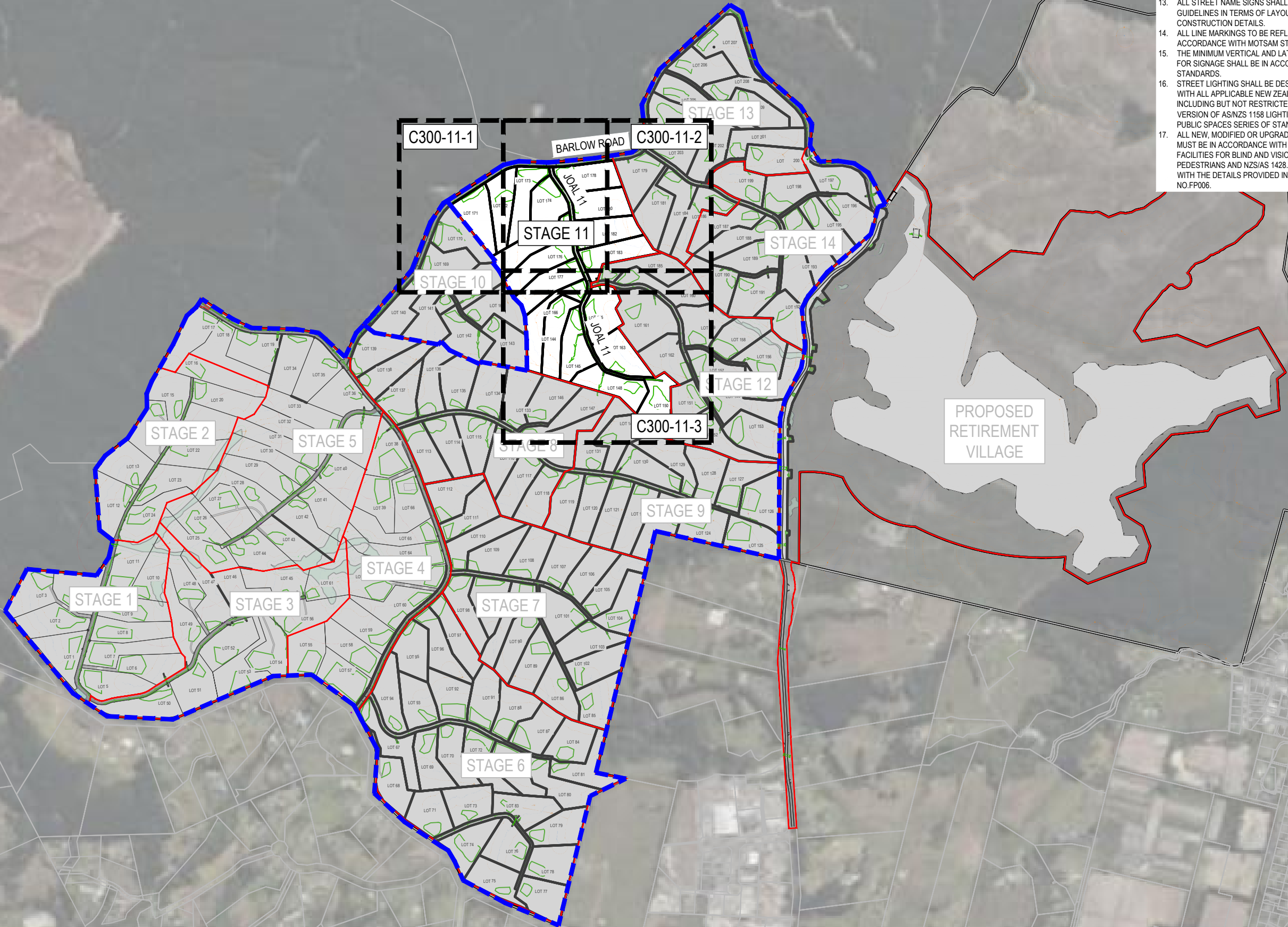
Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 10**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-10-1
Rev	A

DATE: 4/02/25 FILE PATH: F:\MAVEN\PROJECTS\147007 RIVERHEAD FOREST\DWG\147007-M-C300 STAGE 8 - 14 ROADING.DWG

RESOURCE CONSENT



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Rev	Description	By	Date
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Drawn	MA		03/2025
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 11**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-11-0
Rev	A

RESOURCE CONSENT



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- 100m SETBACK

A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

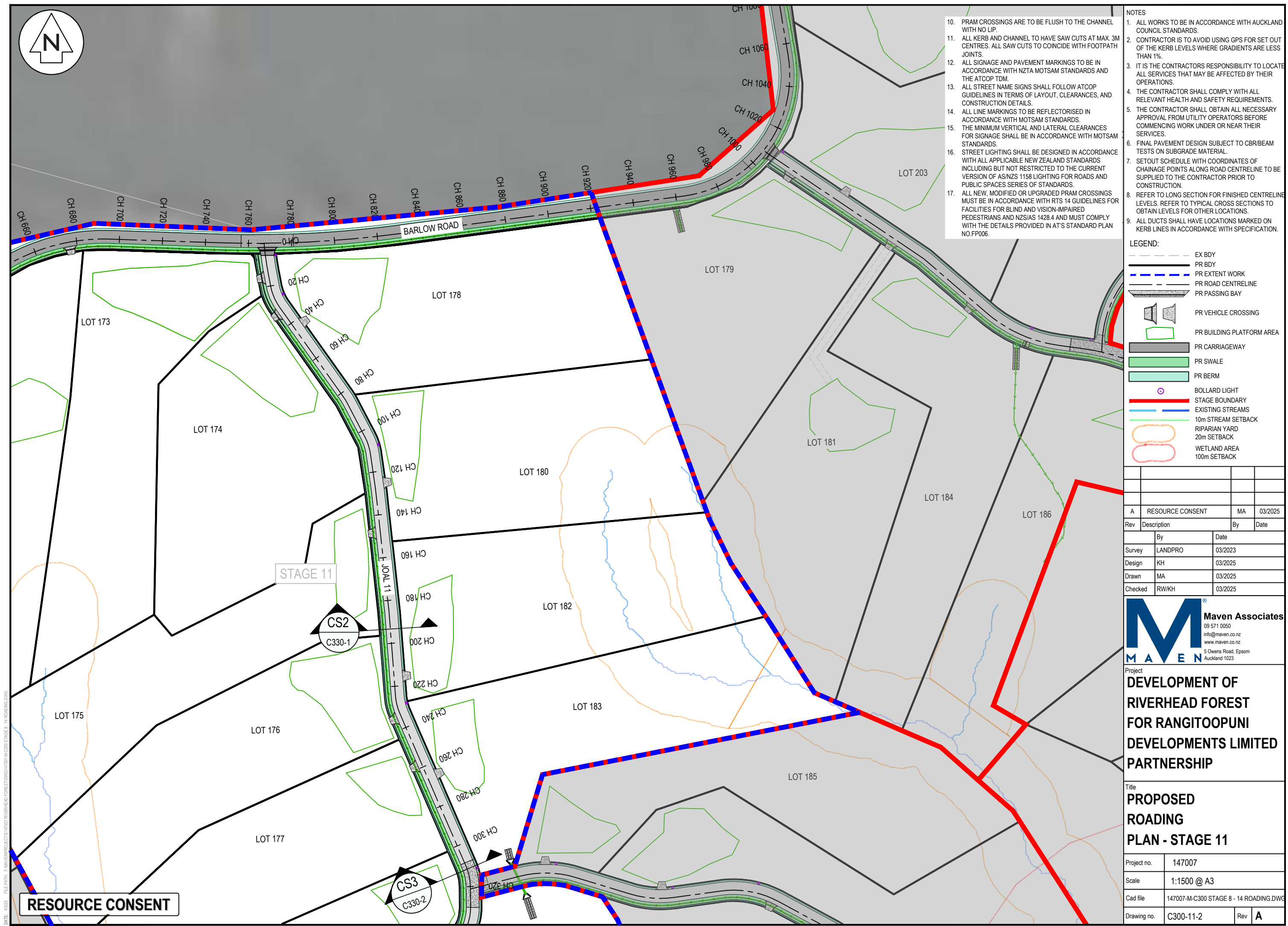
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 11**

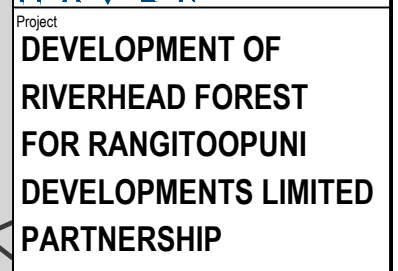
Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-11-1
Rev	A

RESOURCE CONSENT

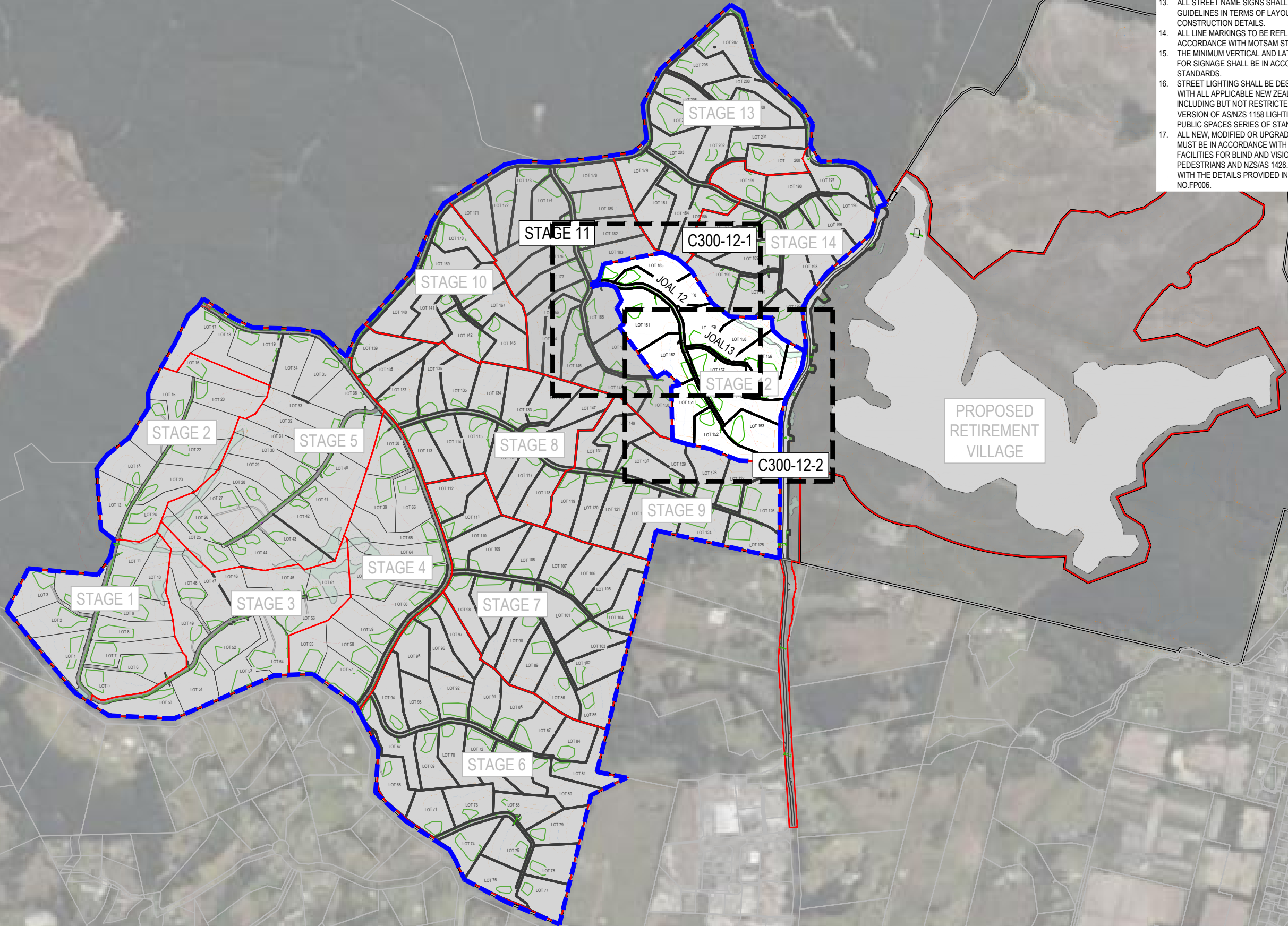


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| A | RESOURCE CONSENT | MA | 03/2025 |
| Rev | Description | By | Date |
| | By | Date | |
| Survey | LANDPRO | 03/2023 | |
| Design | KH | 03/2025 | |
| Drawn | MA | 03/2025 | |
| Checked | RW/KH | 03/2025 | |



Project no.	147007		
Scale	1:1500 @ A3		
Cad file	147007-M-C300 STAGE 8 - 14 ROADNG.DWG		
Drawing no.	C300-11-2	Rev	A



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A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
		By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

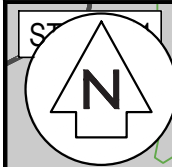
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 12**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-12-0
Rev	A

RESOURCE CONSENT



76

177

LOT 144

LOT 182

LOT 183

LOT 185

LOT 187

LOT 165

LOT 161

LOT 163

LOT 145

LOT 148

LOT 162

LOT 159

LOT 158

LOT 157

LOT 155

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A		RESOURCE CONSENT	MA	03/2025
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Survey	LANDPRO		03/2023	
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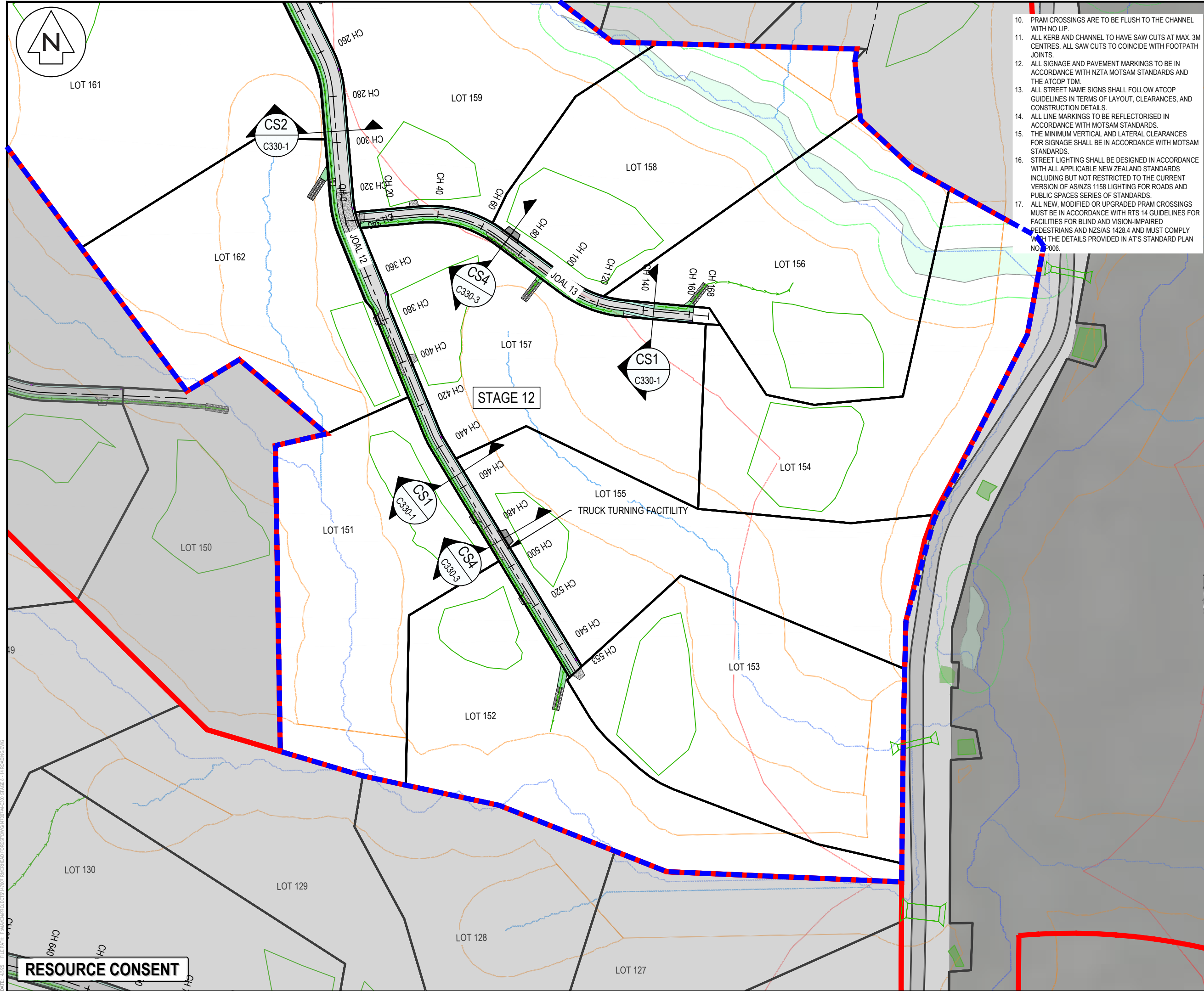
Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 12**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-12-1
Rev	A

RESOURCE CONSENT

DATE: 4/02/25 FILE PATH: F:\MAVEN\PROJECTS\147007 RIVERHEAD FOREST\DWG\147007-M-C300 STAGE 8 - 14 ROADING.DWG



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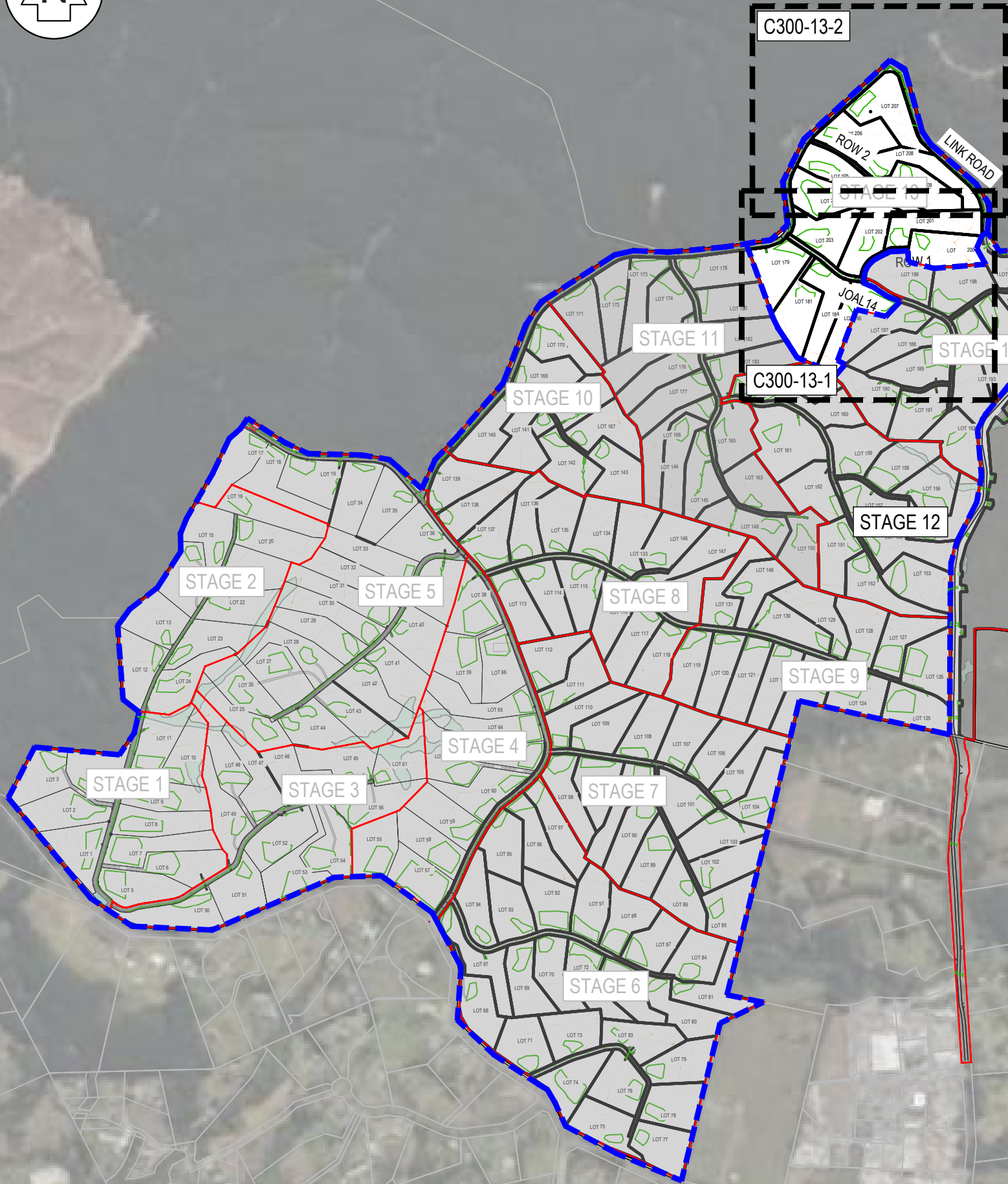
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Project
**DEVELOPMENT OF
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PARTNERSHIP**

Title
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ROADING
PLAN - STAGE 12**

Project no.	147007
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16. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
17. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO.FP006.

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
 5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
 9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.

- LEGEND:
- EX BDY
 - PR BDY
 - PR EXTENT WORK
 - PR ROAD CENTRELINE
 - PR PASSING BAY
 - PR VEHICLE CROSSING
 - PR BUILDING PLATFORM AREA
 - PR CARRIAGEWAY
 - PR SWALE
 - PR BERM
 - BOLLARD LIGHT
 - STAGE BOUNDARY
 - EXISTING STREAMS
 - 10m STREAM SETBACK
 - RIPARIAN YARD
 - 20m SETBACK
 - WETLAND AREA
 - 100m SETBACK

A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
		By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

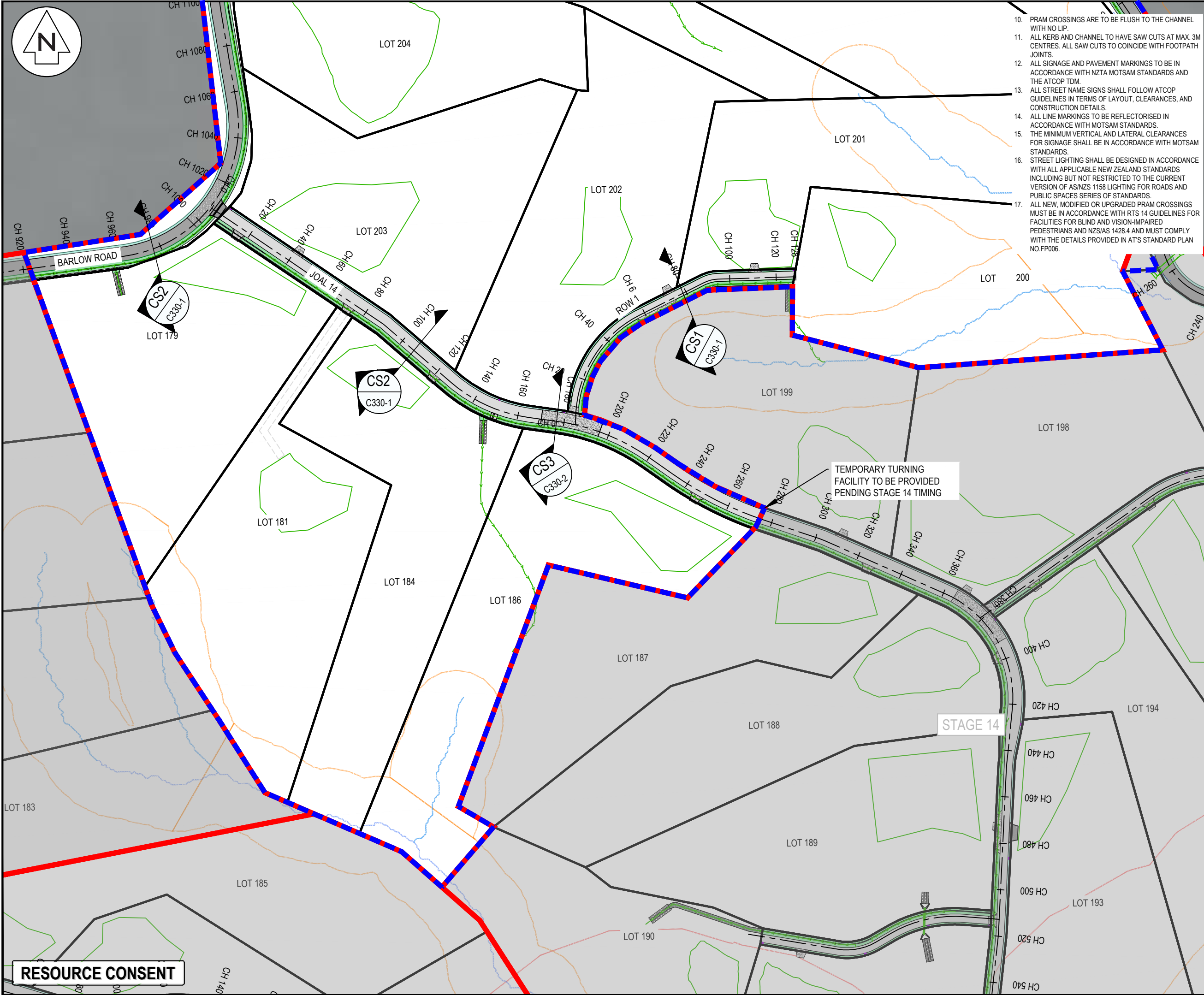
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 13**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-13-0
Rev	A

RESOURCE CONSENT



- 10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
- 11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3M CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
- 12. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE ATCOP TDM.
- 13. ALL STREET NAME SIGNS SHALL FOLLOW ATCOP GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
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 - 5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 - 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 - 7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
 - 8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
 - 9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.

LEGEND:

- EX BDY
- PR BDY
- PR EXTENT WORK
- PR ROAD CENTRELINE
- PR PASSING BAY
- PR VEHICLE CROSSING
- PR BUILDING PLATFORM AREA
- PR CARRIAGEWAY
- PR SWALE
- PR BERM
- BOLLARD LIGHT
- STAGE BOUNDARY
- EXISTING STREAMS
- 10m STREAM SETBACK
- RIPARIAN YARD
- 20m SETBACK
- WETLAND AREA
- 100m SETBACK

A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
		By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 13**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-13-1
Rev	A



1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINER TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
8. REFER TO LONG SECTION FOR FINISHED CENTRELINER LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.

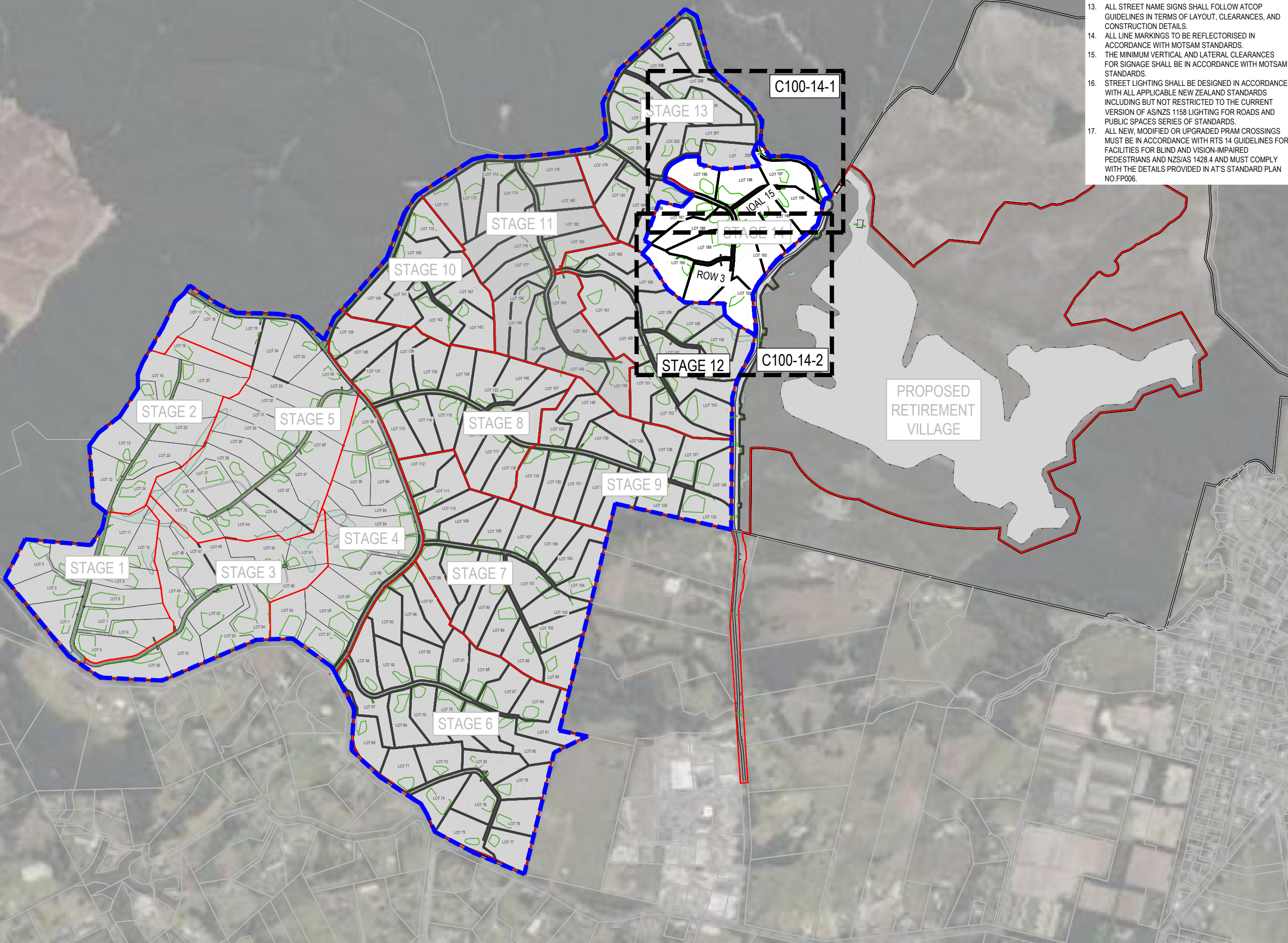
	EX BDY
	PR BDY
	PR EXTENT WORK
	PR ROAD CENTRELINE
	PR PASSING BAY
	PR VEHICLE CROSSING
	PR BUILDING PLATFORM AREA
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Title	<p>PROPOSED ROADING PLAN - STAGE 13</p>
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Project no.	147007		
Scale	1:1500 @ A3		
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG		
Drawing no.	C300-13-2	Rev	A



10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3M CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
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- EXISTING STREAMS
- 10m STREAM SETBACK
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- 20m SETBACK
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- 100m SETBACK

A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
		By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

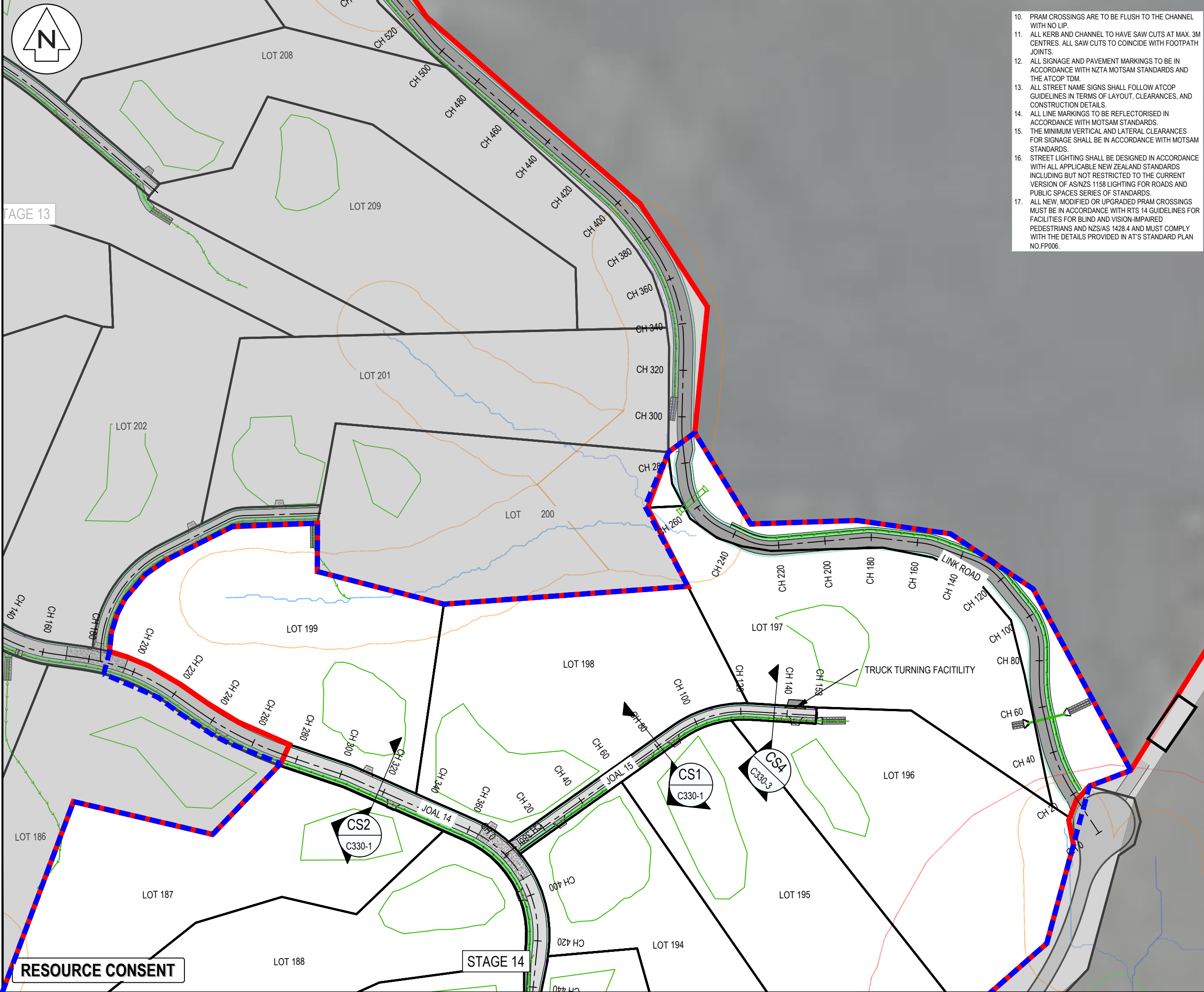
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 14**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-14-0
Rev	A

RESOURCE CONSENT



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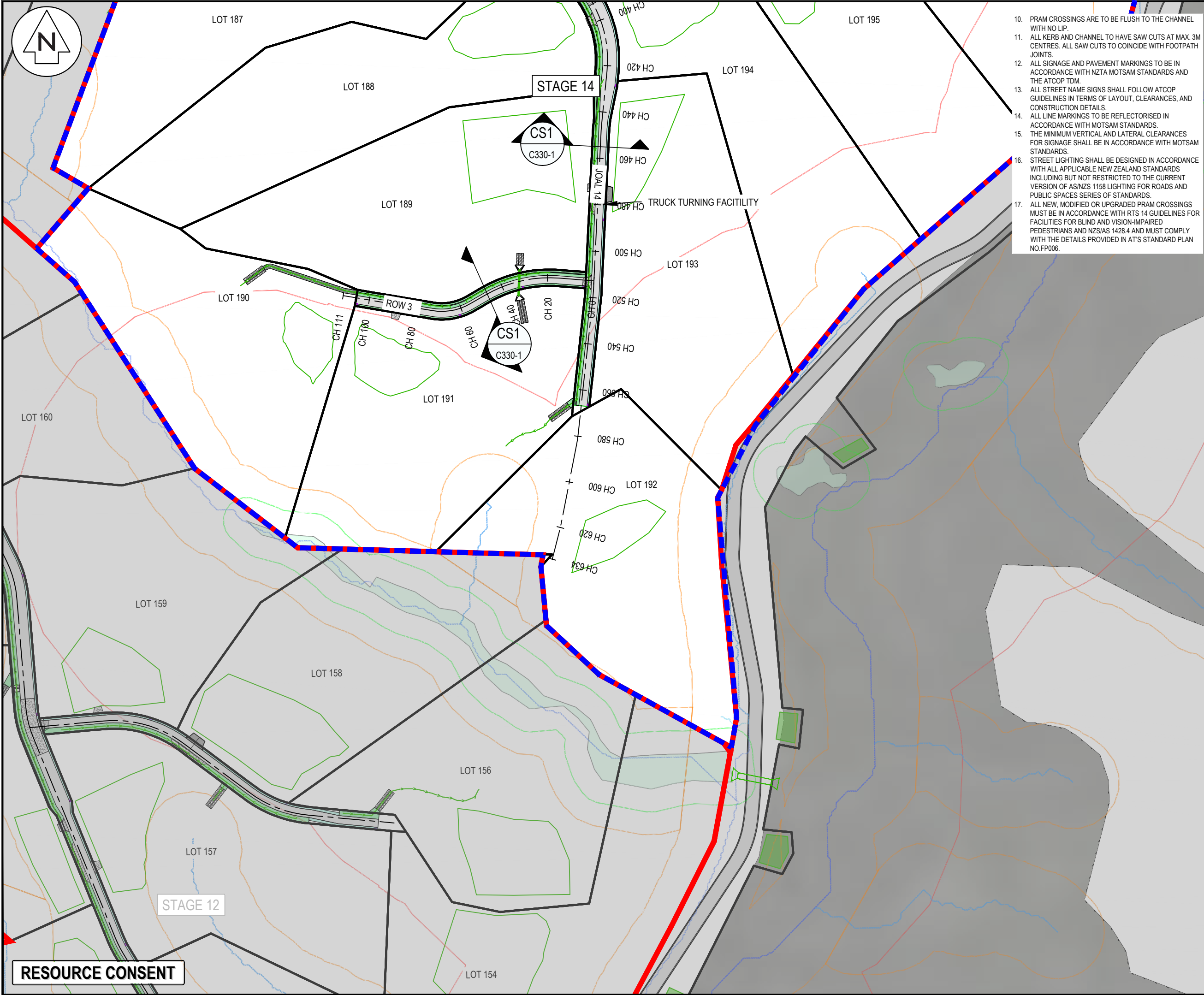
A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
Survey	LANDPRO	03/2023	
Design	KH	03/2025	
Drawn	MA	03/2025	
Checked	RW/KH	03/2025	

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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 14**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-14-1
Rev	A



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Project

DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title

PROPOSED ROADING PLAN - STAGE 14

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 8 - 14 ROADING.DWG
Drawing no.	C300-14-2
Rev	A