



C300-1-1

STAGE 1

C300-1-2

OLD NORTH ROAD

OLD NORTH ROAD

STAGE 6

STAGE 7

STAGE 4

STAGE 8

STAGE 5

STAGE 2

STAGE 9

STAGE 12

STAGE 14

STAGE 11

STAGE 10

STAGE 13

FORESTRY ROAD EXTENSION

FORESTRY ROAD

PROPOSED
RETIREMENT
VILLAGE

10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
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12. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE ATCOP TDM.
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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 1**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-1-0
Rev	A

RESOURCE CONSENT



PROP CULVERT 1-1 TO BE FORMED AT THE SAME TIME AS JOAL CONSTRUCTION. REFER TO C484 FROM PROJECT NUMBER 147007 AND FLOOD ASSESSMENT REPORT FOR MORE DETAIL

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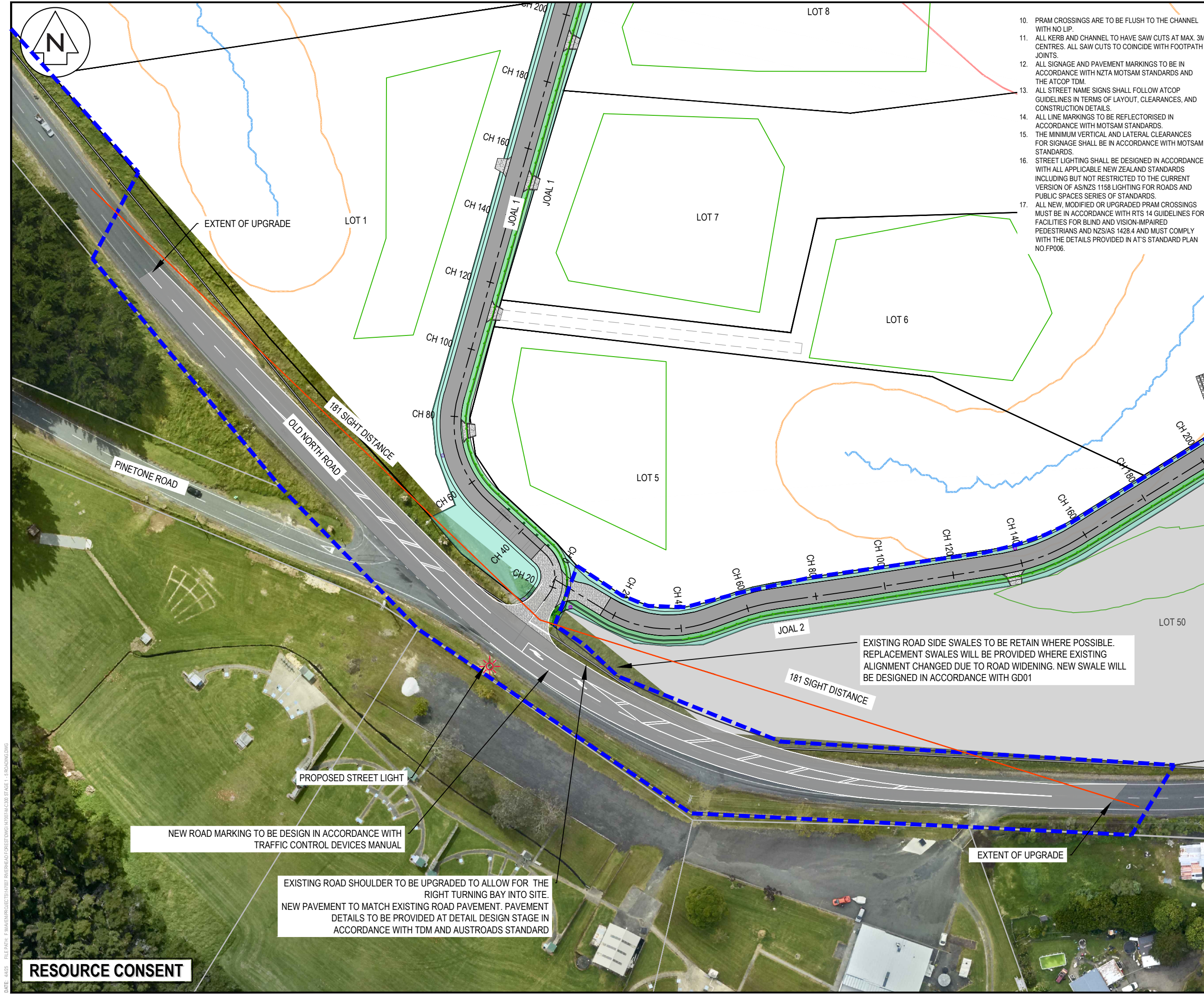


Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

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PROPOSED ROADING PLAN - STAGE 1

Project no.	147007
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Project
**DEVELOPMENT OF
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FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 1**

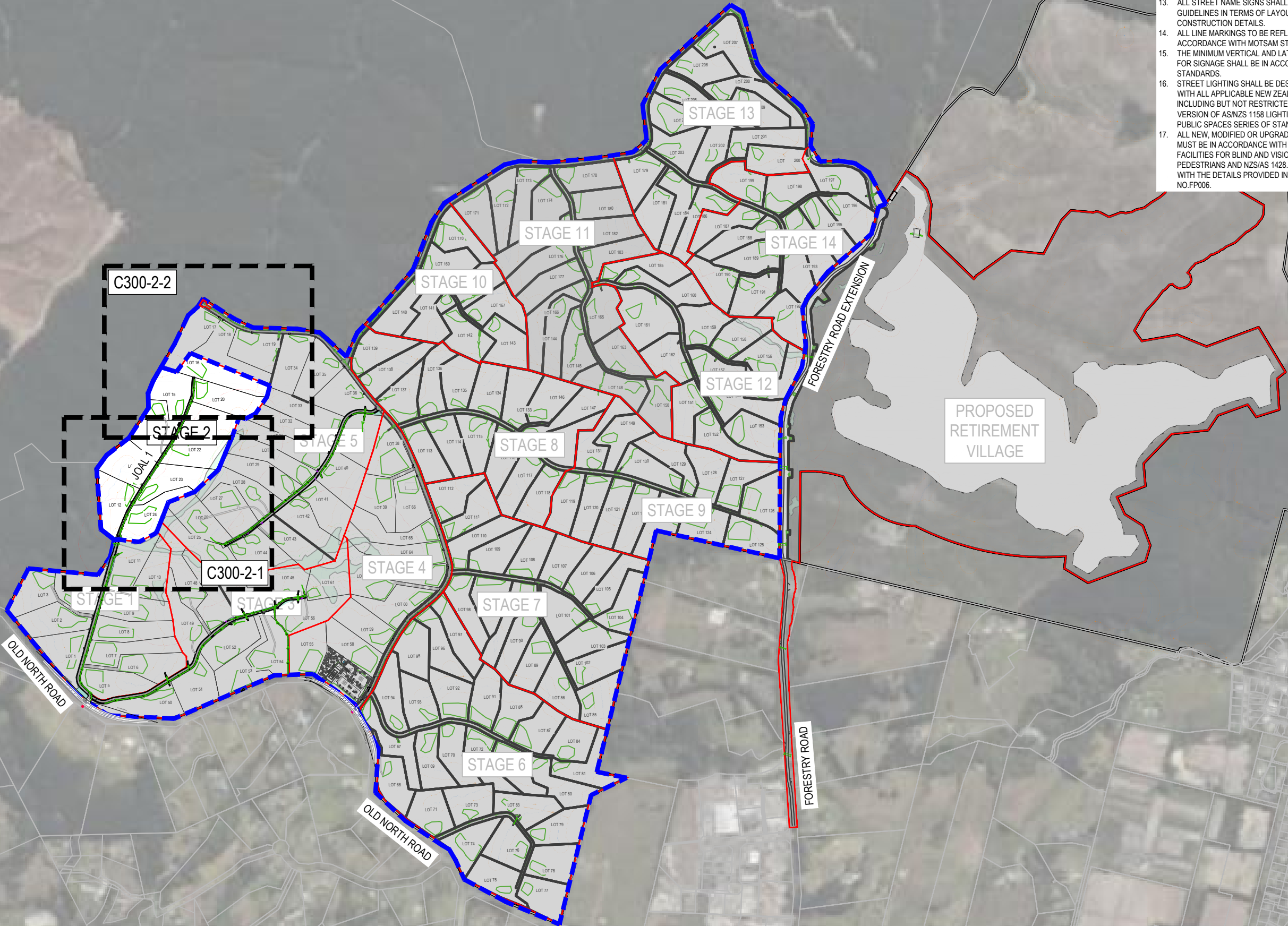
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NEW ROAD MARKING TO BE DESIGN IN ACCORDANCE WITH TRAFFIC CONTROL DEVICES MANUAL

EXISTING ROAD SHOULDER TO BE UPGRADED TO ALLOW FOR THE RIGHT TURNING BAY INTO SITE. NEW PAVEMENT TO MATCH EXISTING ROAD PAVEMENT. PAVEMENT DETAILS TO BE PROVIDED AT DETAIL DESIGN STAGE IN ACCORDANCE WITH TDM AND AUSTRoads STANDARD

EXISTING ROAD SIDE SWALES TO BE RETAIN WHERE POSSIBLE. REPLACEMENT SWALES WILL BE PROVIDED WHERE EXISTING ALIGNMENT CHANGED DUE TO ROAD WIDENING. NEW SWALE WILL BE DESIGNED IN ACCORDANCE WITH GD01

RESOURCE CONSENT



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

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 2**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
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Rev	A

RESOURCE CONSENT



- INDICATIVE PRIVATE DRIVEWAY (SHOWN AS DASH). THIS DRIVEWAY WILL BE FORMED AT FUTURE BUILDING CONSENT STAGE FOR THIS LOT. PASSING BAY TO BE PROVIDED AS PER E27 IF REQUIRED

- LEGEND:**
- | | |
|--|------------------------------|
| | EX BDY |
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Title

**PROPOSED
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Project no.	147007		
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THIS DRIVEWAY WILL BE
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STAGE 2

RESOURCE CONSENT

LOT 21
TRUCK TURNING FACILITIES

STAGE 5



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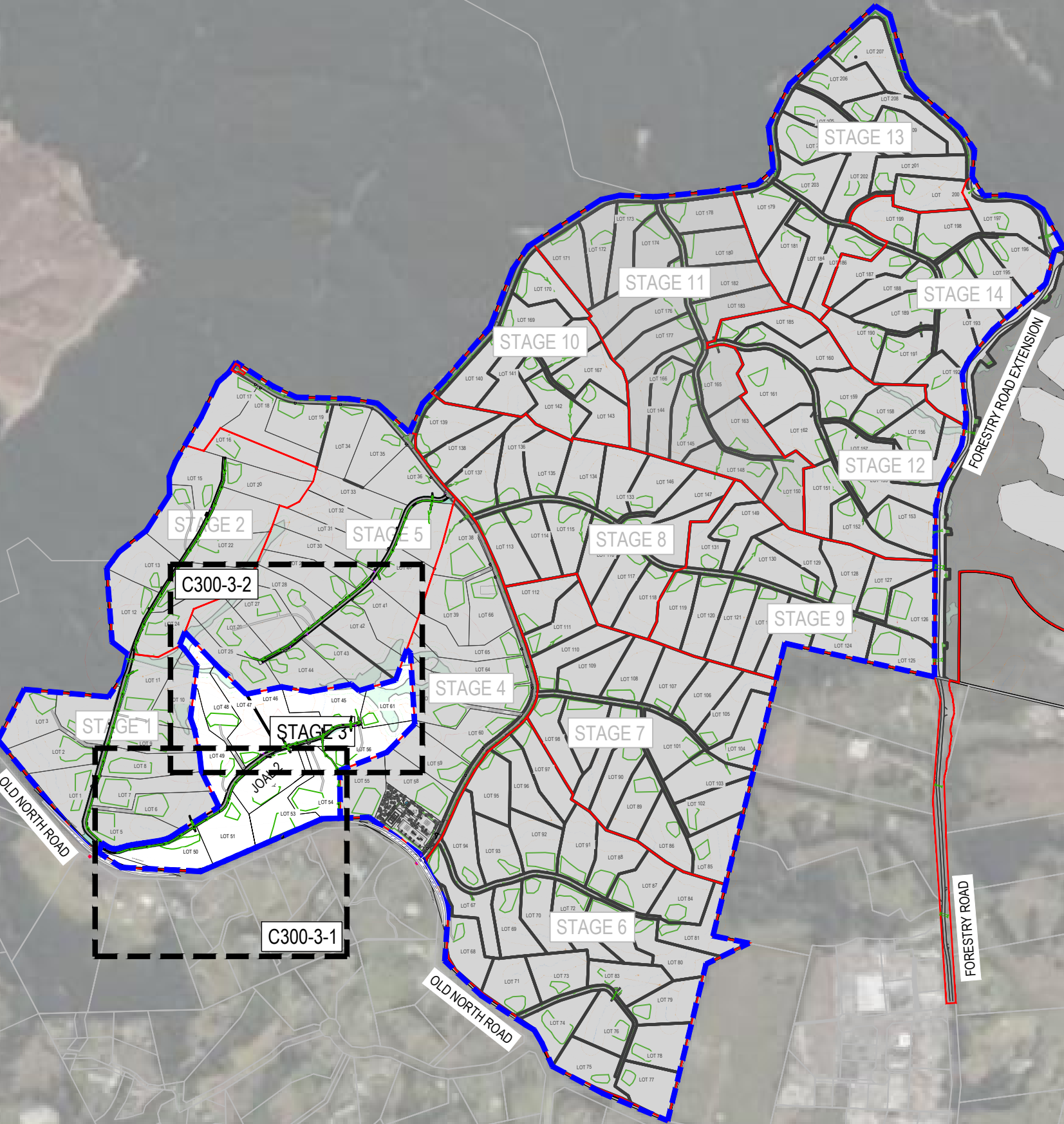
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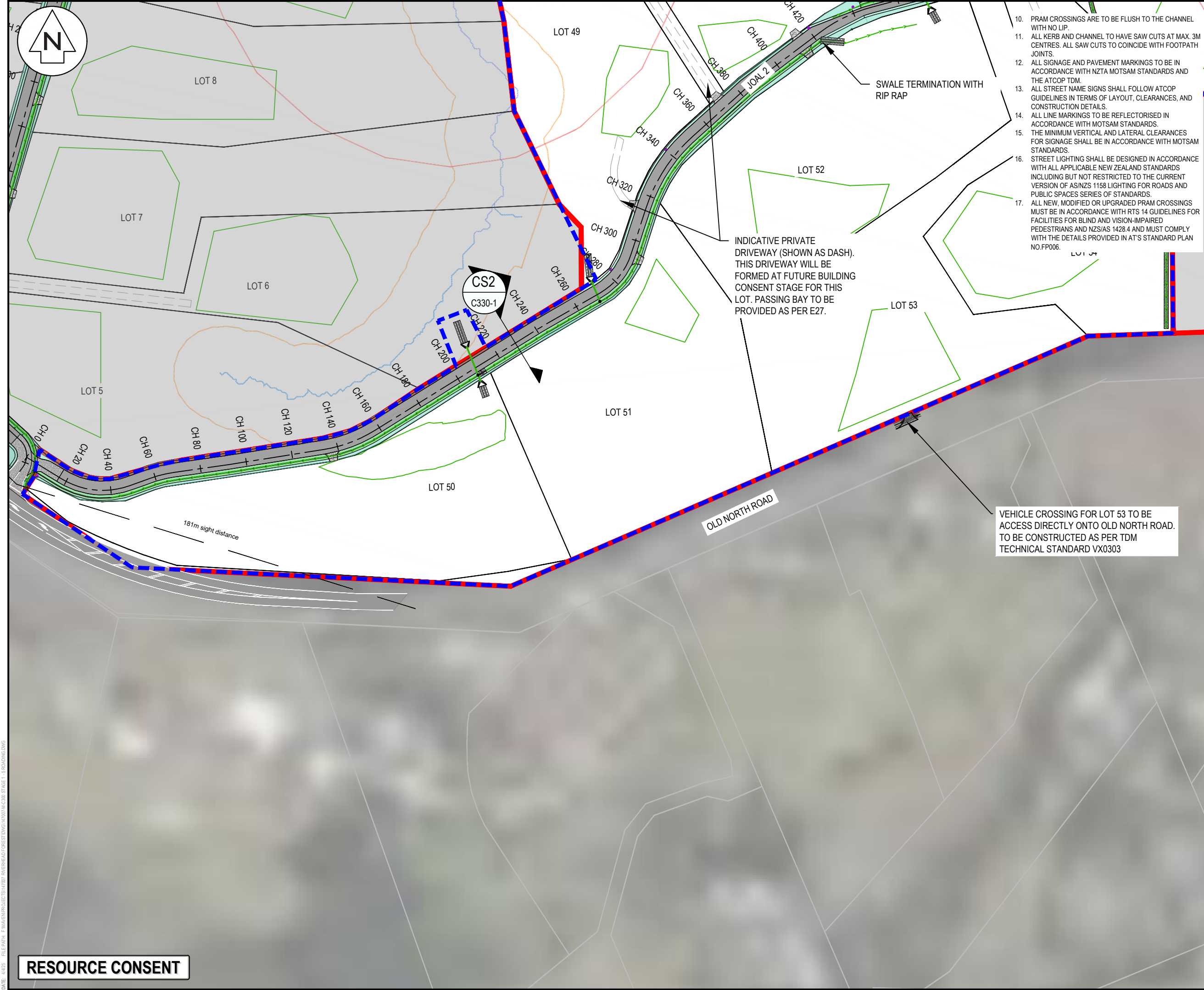
Project
**DEVELOPMENT OF
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Title
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 - 7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
 - 8. REFER TO LONG SECTION 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
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

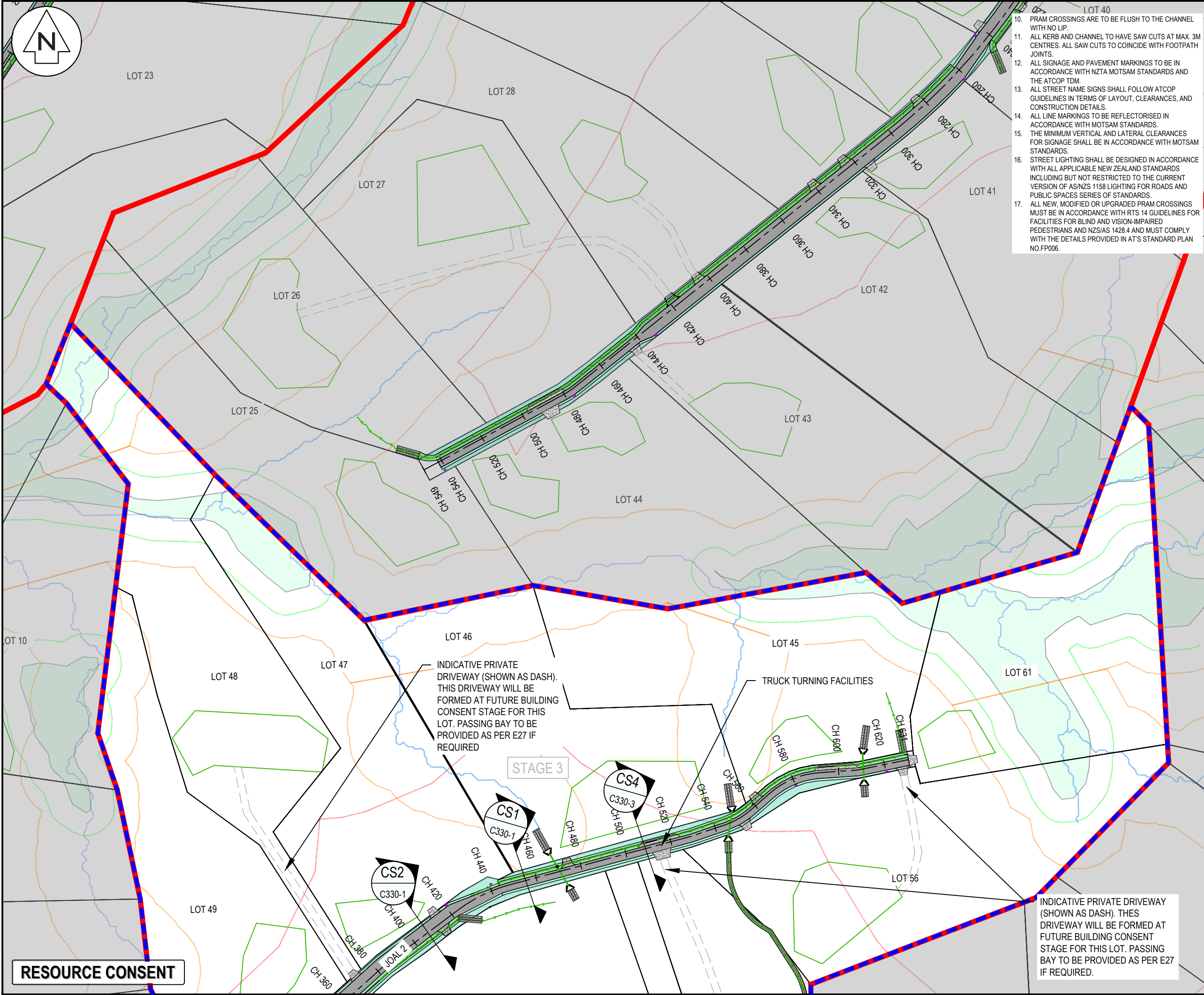
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 3**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-3-1
Rev	A

RESOURCE CONSENT



- 10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
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Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
PROPOSED ROADING PLAN - STAGE 3

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-3-2
Rev	A

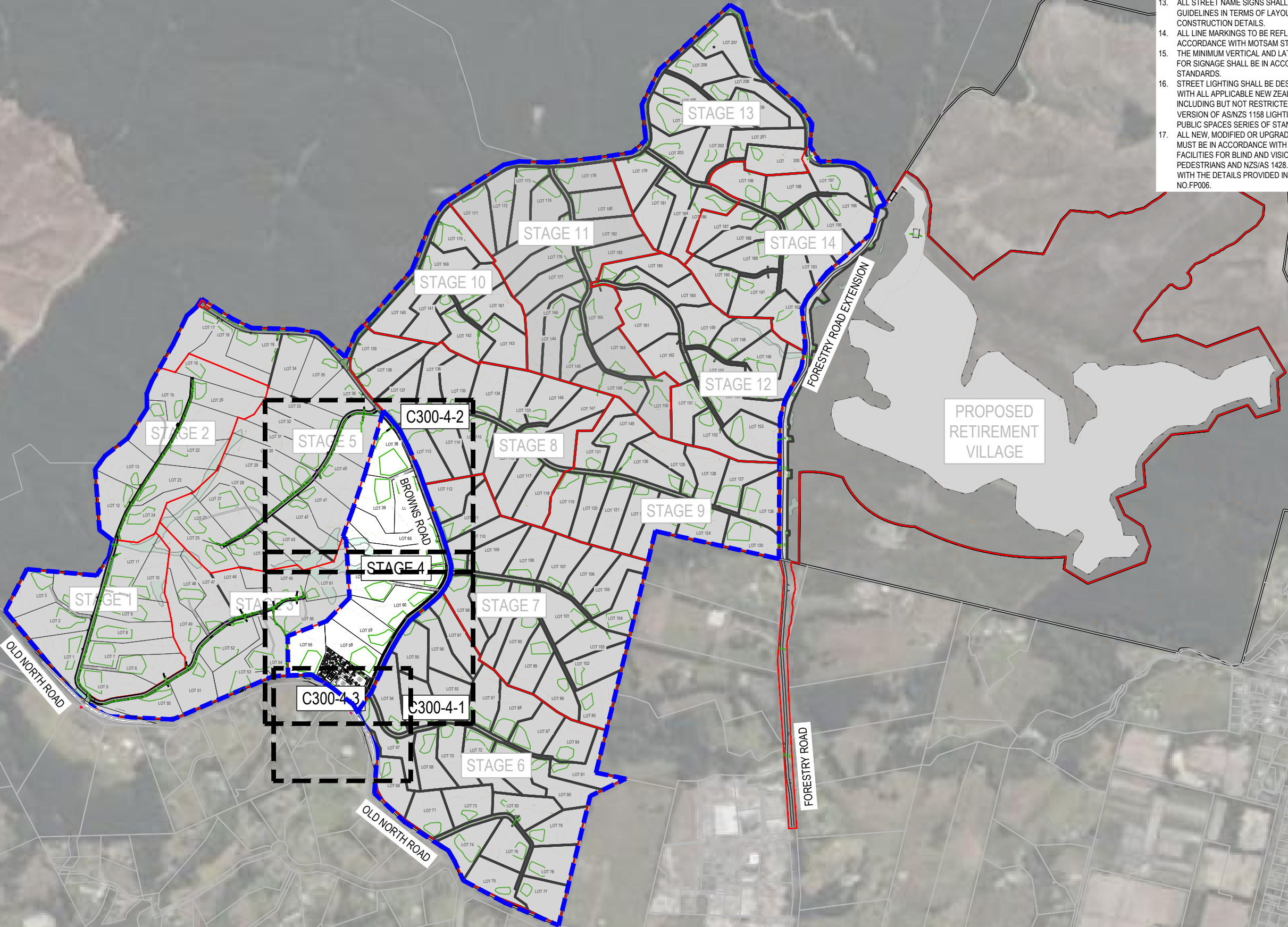
DATE: 4/4/25 FILE PATH: F:\MAVEN\PROJECTS\147007 RIVERHEAD FOREST\147007-M-C300 STAGE 1 - 5 ROADING.DWG

RESOURCE CONSENT

INDICATIVE PRIVATE DRIVEWAY (SHOWN AS DASH). THIS DRIVEWAY WILL BE FORMED AT FUTURE BUILDING CONSENT STAGE FOR THIS LOT. PASSING BAY TO BE PROVIDED AS PER E27 IF REQUIRED

TRUCK TURNING FACILITIES

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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

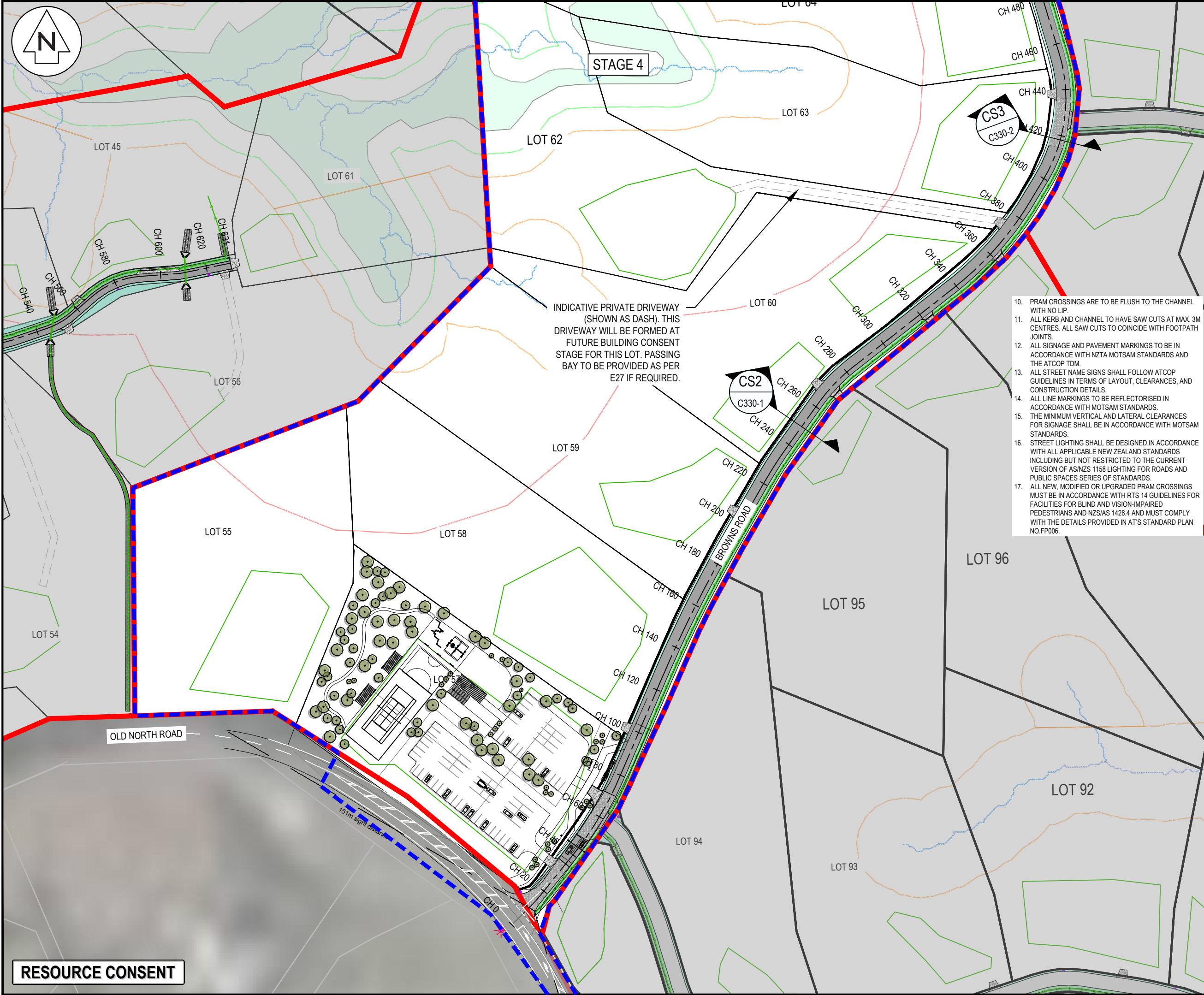
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOO PUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 4**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-4-0
Rev	A

RESOURCE CONSENT



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Project

DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

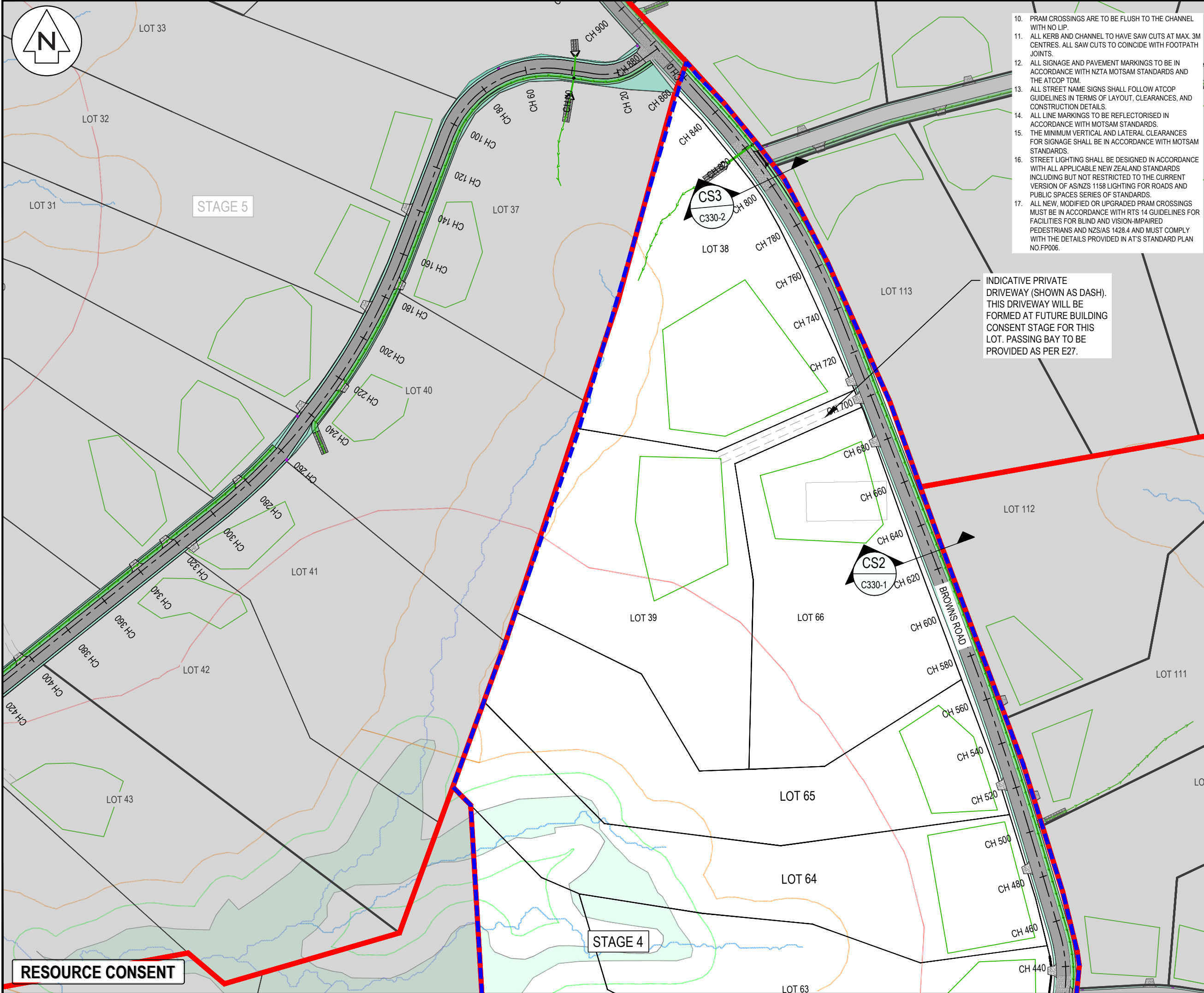
Title

PROPOSED ROADING PLAN - STAGE 4

Project no.	147007		
Scale	1:1500 @ A3		
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG		
Drawing no.	C300-4-1	Rev	A

DATE: 14/02/25 FILE PATH: F:\Maven\PROJECTS\147007 RIVERHEAD FOREST\147007-M-C300 STAGE 1 - 5 ROADING.DWG

RESOURCE CONSENT



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A	RESOURCE CONSENT	MA	03/2025
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Project

DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title

PROPOSED ROADING PLAN - STAGE 4

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-4-2
Rev	A



EXTENT OF UPGRADE

NEW ROAD MARKING TO BE DESIGNED IN ACCORDANCE WITH TRAFFIC CONTROL DEVICES MANUAL

EXISTING ROAD SHOULDER TO BE UPGRADE TO ALLOWED FOR THE RIGHT TURNING BAY INTO SITE. NEW PAVEMENT TO MATCH EXISTING ROAD PAVEMENT. PAVEMENT DETAILS TO BE PROVIDED AT DETAIL DESIGN STAGE IN ACCORDANCE WITH TDM AND AUSTRROADS STANDARD

PR STREET LIGHT

EXISTING ROAD SIDE SWALES TO BE RETAINED WHERE POSSIBLE. REPLACEMENT SWALES WILL BE PROVIDED WHERE EXISTING ALIGNMENT CHANGED DUE TO ROAD WIDENING. NEW SWALE WILL BE DESIGNED IN ACCORDANCE WITH GD01

EXTENT OF UPGRADE

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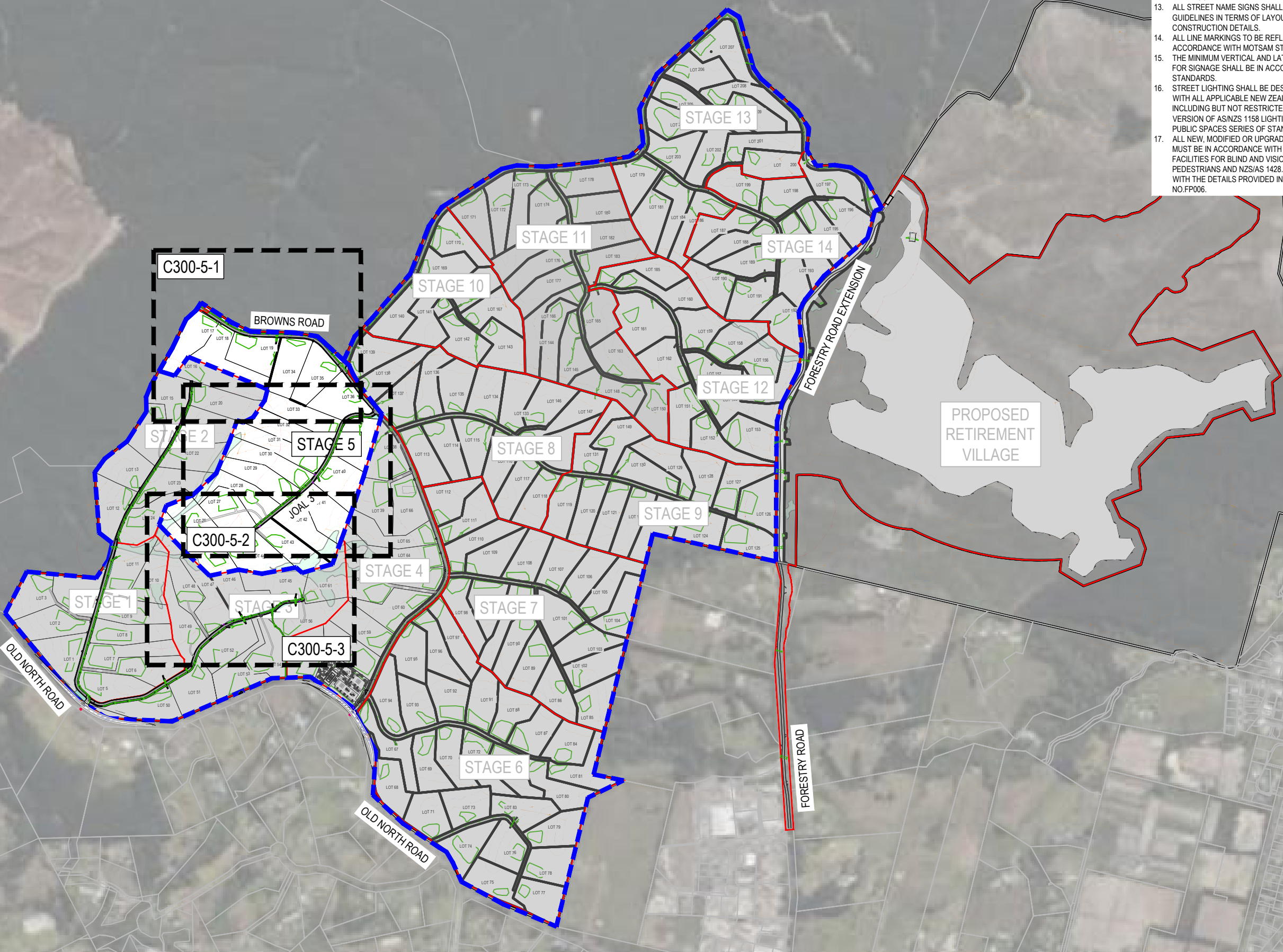
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 4**

Project no.	147007
Scale	1:1000 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-4-3
Rev	A

RESOURCE CONSENT



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FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 5**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-5-0
Rev	A

RESOURCE CONSENT



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 - EXISTING STREAMS
 - 10m STREAM SETBACK
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 - 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**

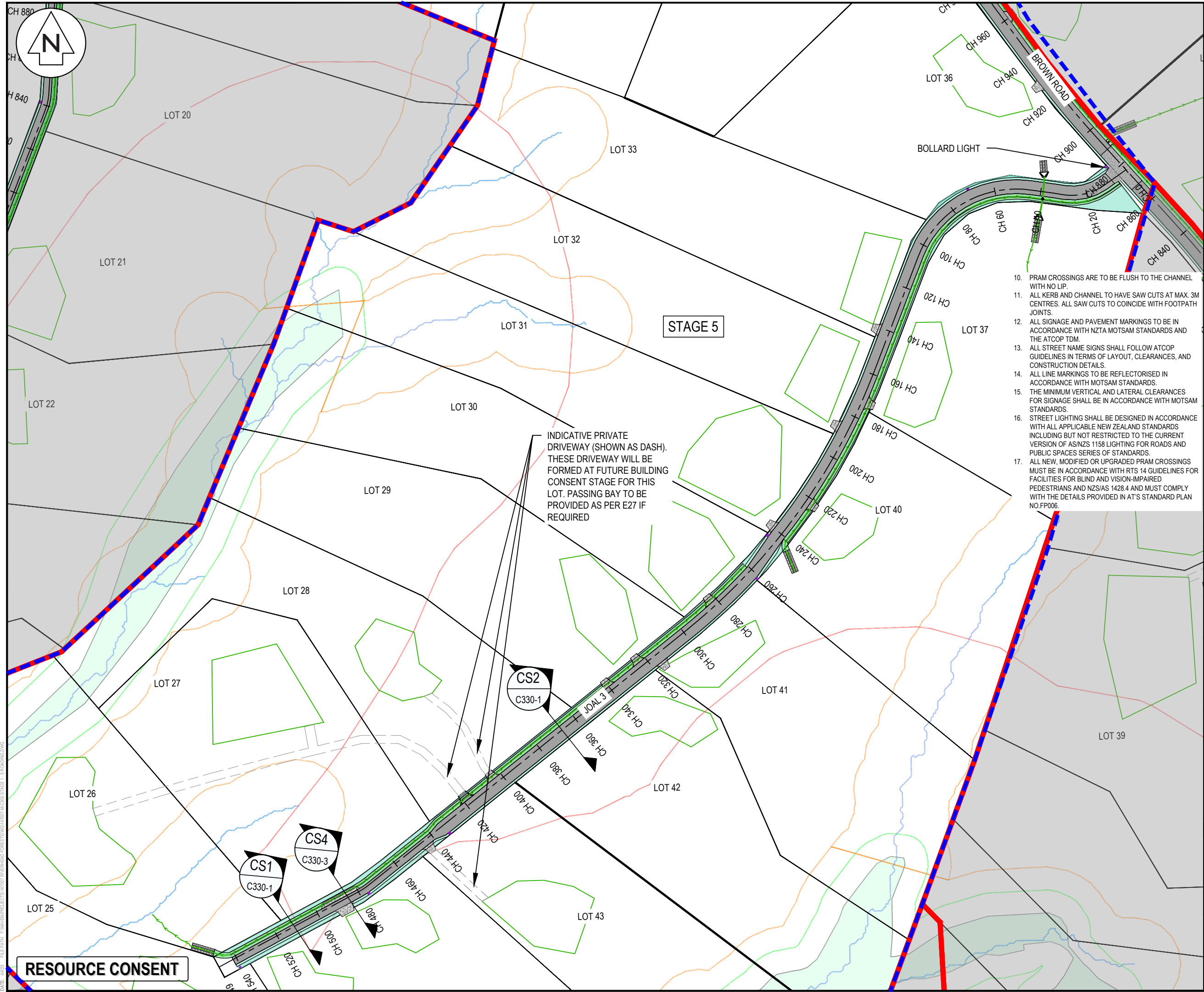
Title
**PROPOSED
ROADING
PLAN - STAGE 5**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-5-1
Rev	A

TEMPORARY TURNING
HEAD AS PER TDM
STANDARDS



RESOURCE CONSENT



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INDICATIVE PRIVATE DRIVEWAY (SHOWN AS DASH). THESE DRIVEWAY WILL BE FORMED AT FUTURE BUILDING CONSENT STAGE FOR THIS LOT. PASSING BAY TO BE PROVIDED AS PER E27 IF REQUIRED

STAGE 5

RESOURCE CONSENT

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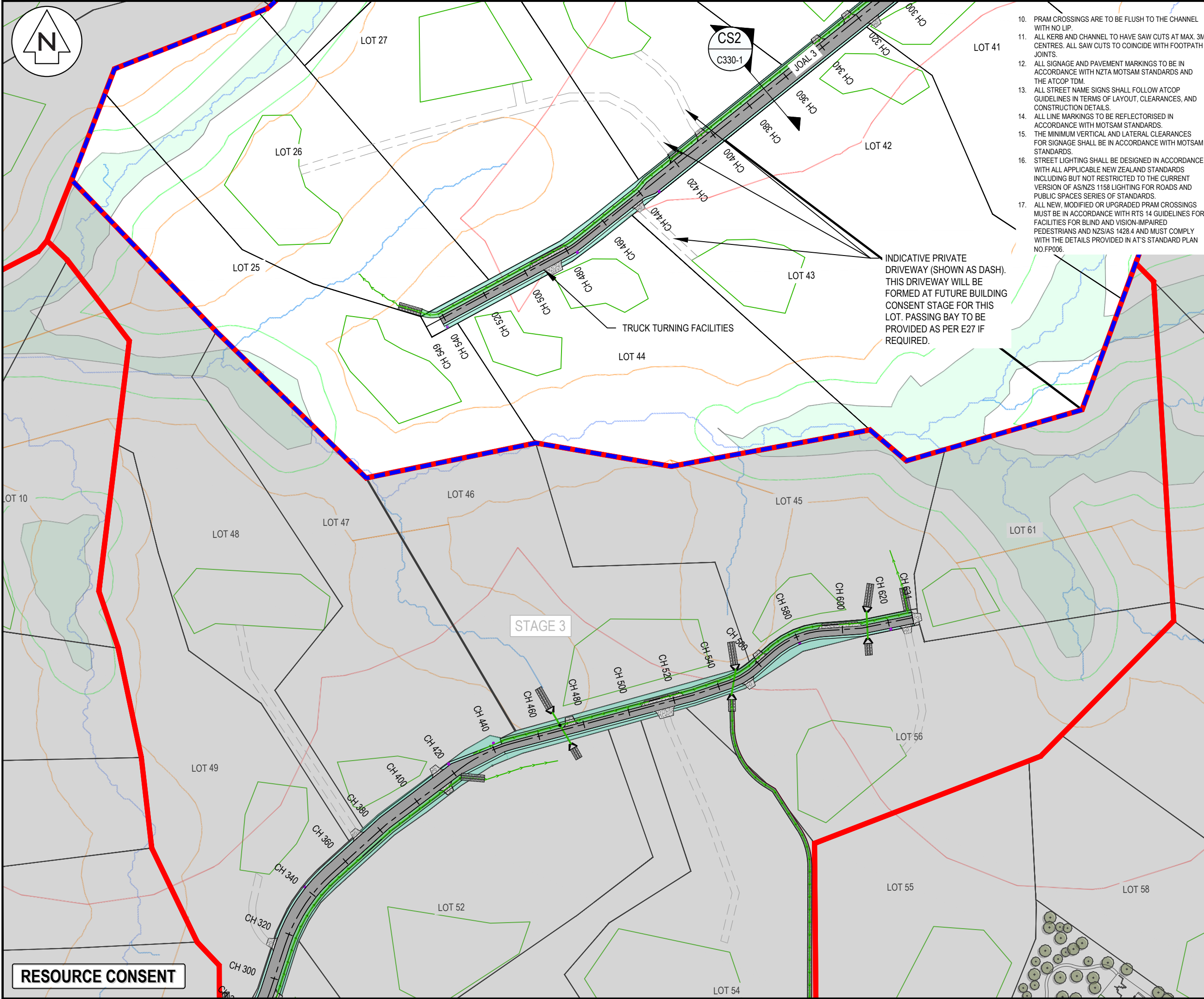


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Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
PROPOSED ROADING PLAN - STAGE 5

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-5-2
Rev	A



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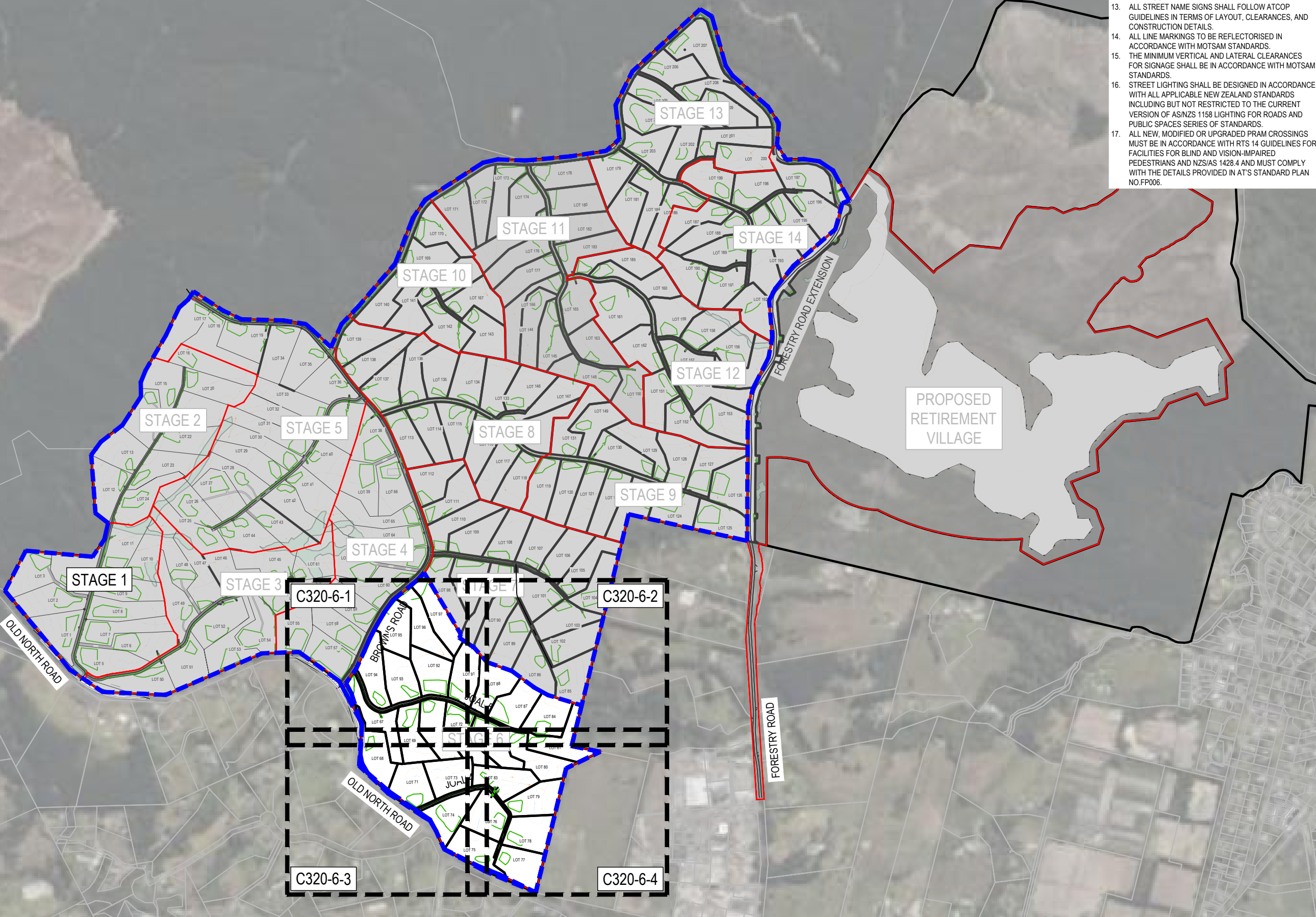
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Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 1 - 5 ROADING.DWG
Drawing no.	C300-5-3
Rev	A

RESOURCE CONSENT

DATE: 14/05 FILE PATH: F:\Maven\PROJECTS\147007 RIVERHEAD FOREST\147007-M-C300 STAGE 1 - 5 ROADING.DWG



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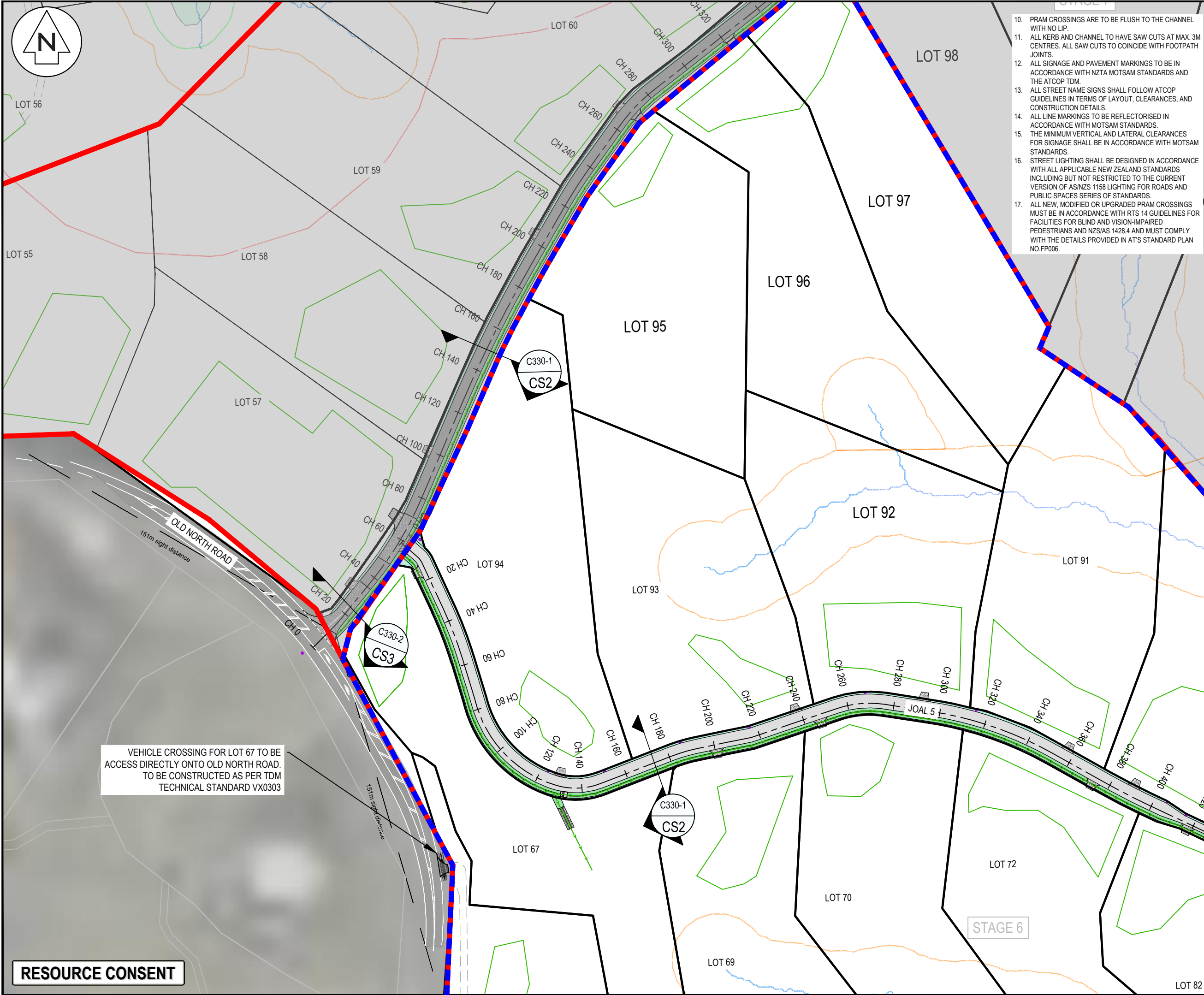


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Project
**DEVELOPMENT OF
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DEVELOPMENTS LIMITED
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Title
**PROPOSED
ROADING
OVERVIEW - STAGE 6**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
Drawing no.	C300-6-0
Rev	A



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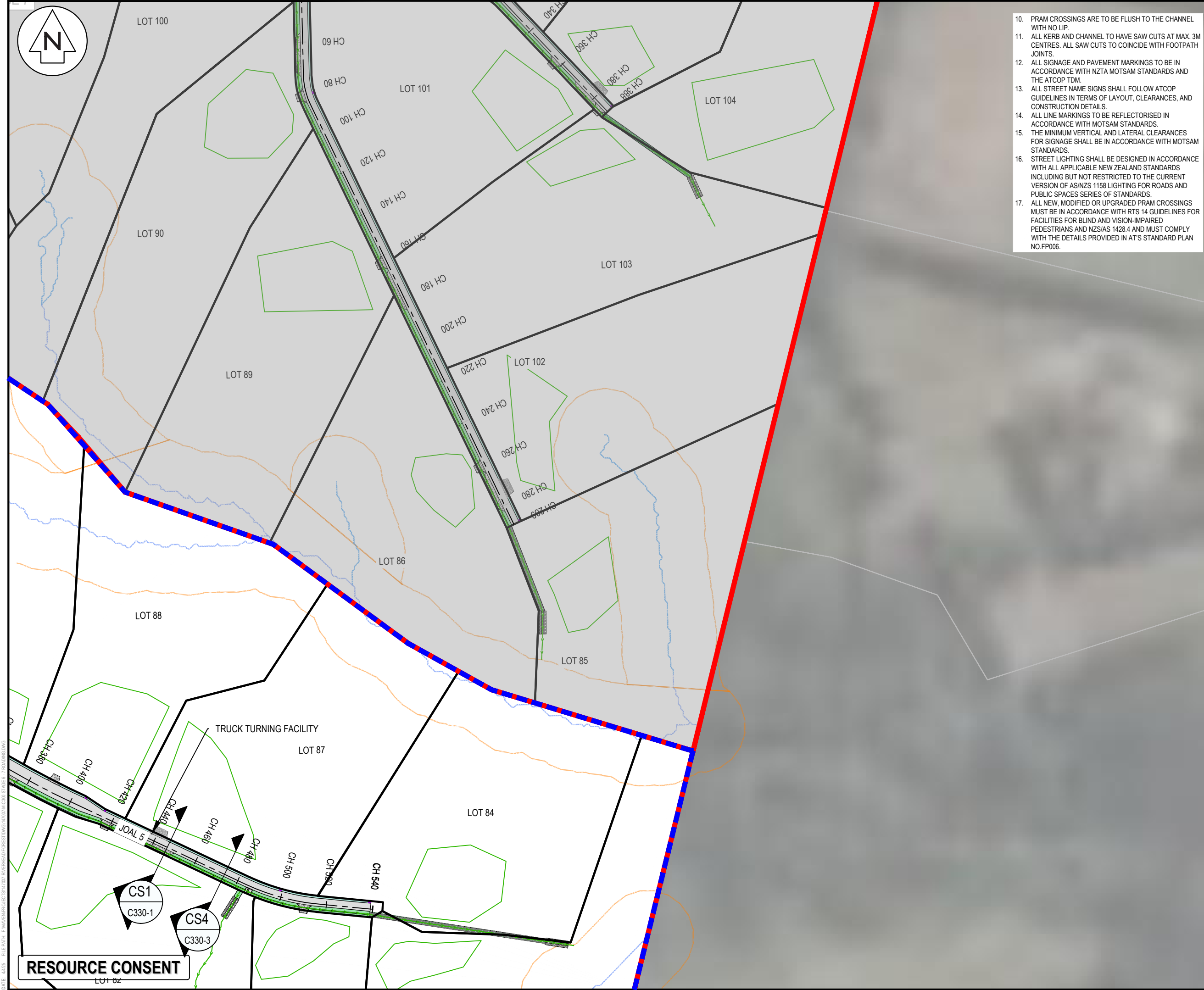
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PLAN - STAGE 6**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
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DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title

PROPOSED ROADING PLAN - STAGE 6

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
Drawing no.	C300-6-2
Rev	A



VEHICLE CROSSING FOR JOAL 4 TO BE
ACCESS DIRECTLY ONTO OLD NORTH ROAD.
TO BE CONSTRUCTED AS PER TDM
TECHNICAL STANDARD VX0303

STAGE

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Drawn		MA		03/2025
Checked		RW/KH		03/2025

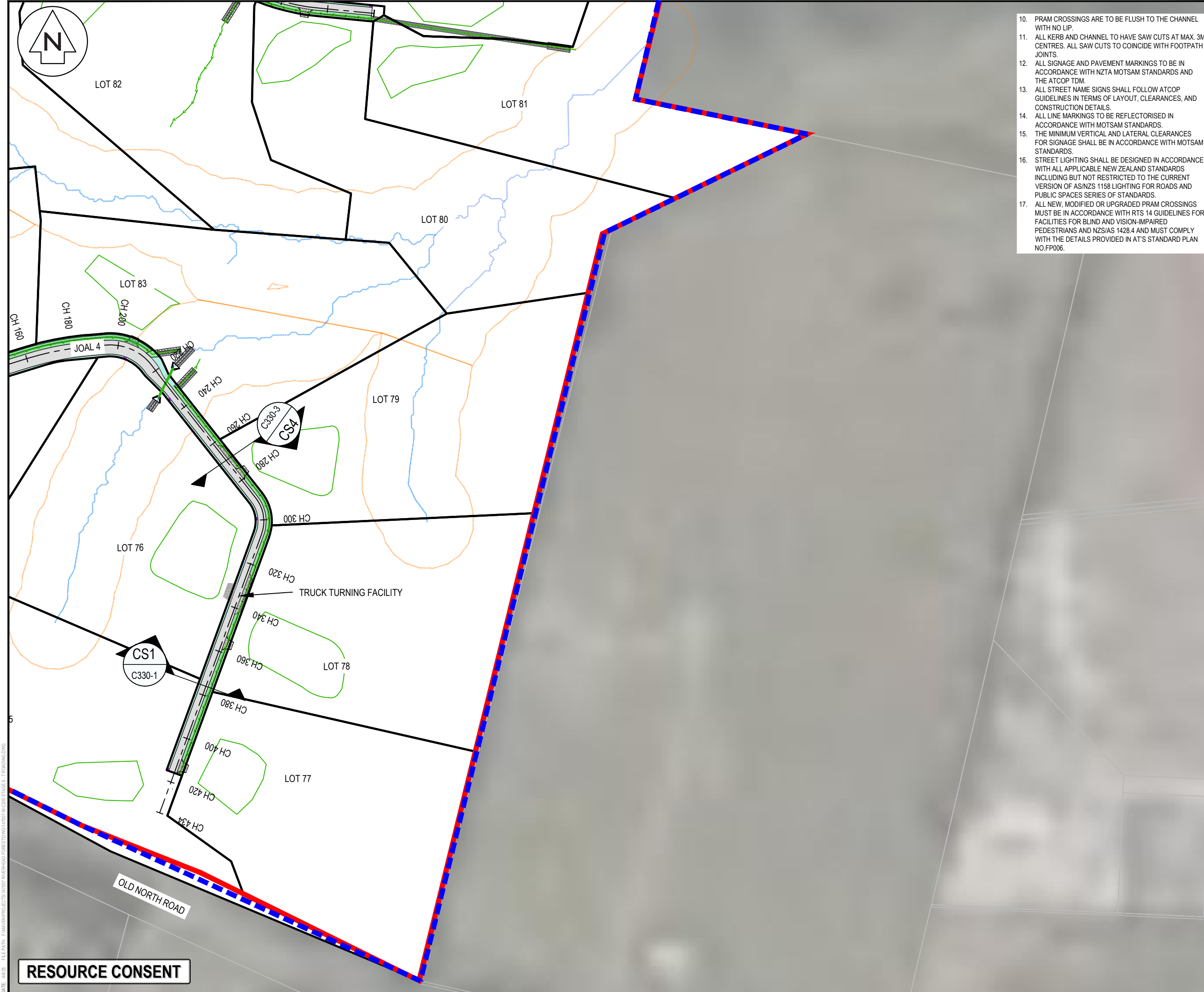
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 6**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
Drawing no.	C300-6-3
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.
- 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.
- 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 CHAINEAGE 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

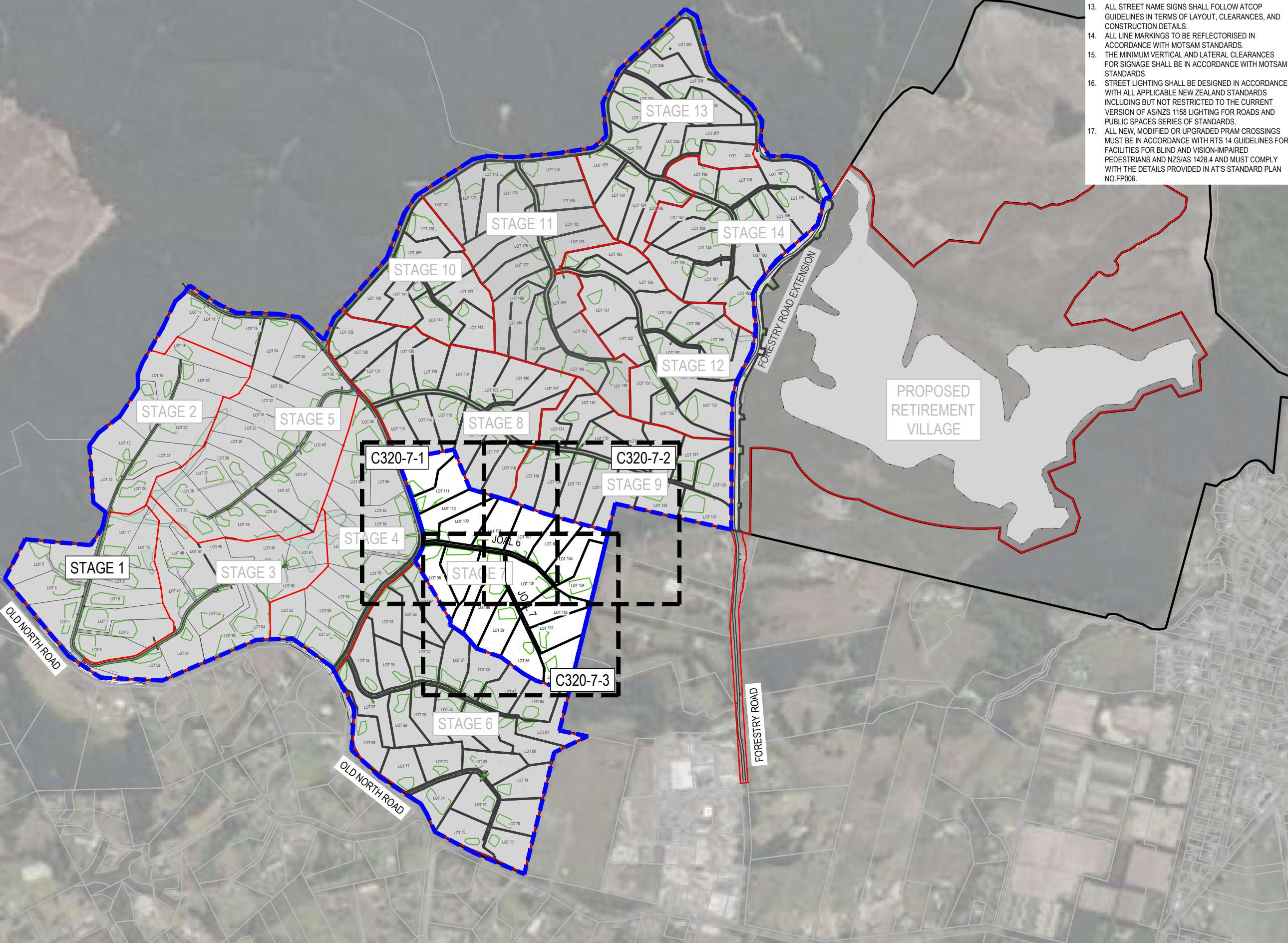
A	RESOURCE CONSENT	MA	03/2025
Rev	Description	By	Date
		By	Date
Survey	LANDPRO		03/2023
Design	KH		03/2025
Drawn	MA		03/2025
Checked	RW/KH		03/2025

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Project
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FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 6**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
Drawing no.	C300-6-4
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.
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 7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
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- PR PASSING BAY
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- PR SWALE
- PR BERM
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- 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

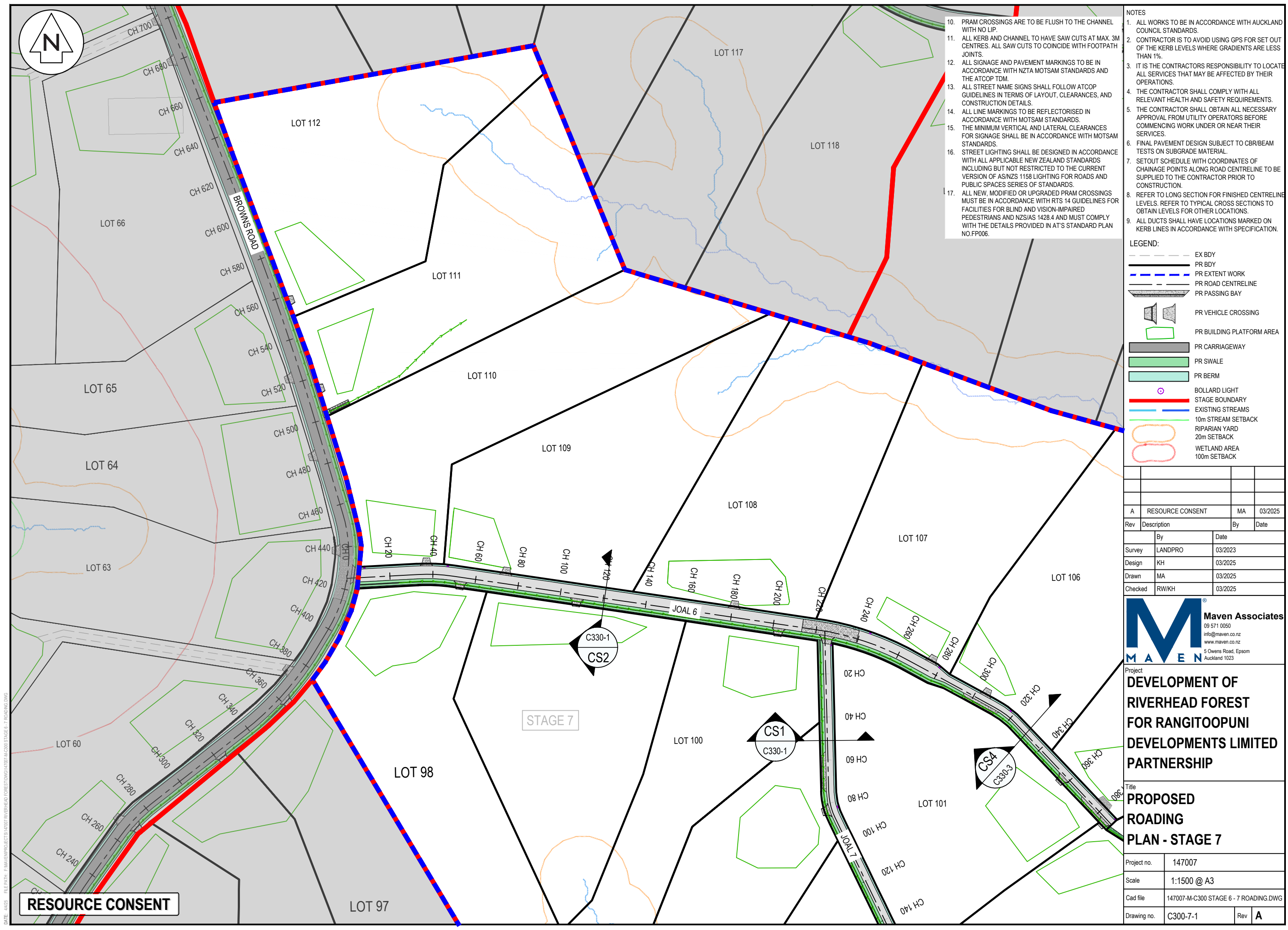
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**PROPOSED
ROADING
OVERVIEW - STAGE 7**

Project no.	147007
Scale	1:10,000 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
Drawing no.	C300-7-0
Rev	A

RESOURCE CONSENT



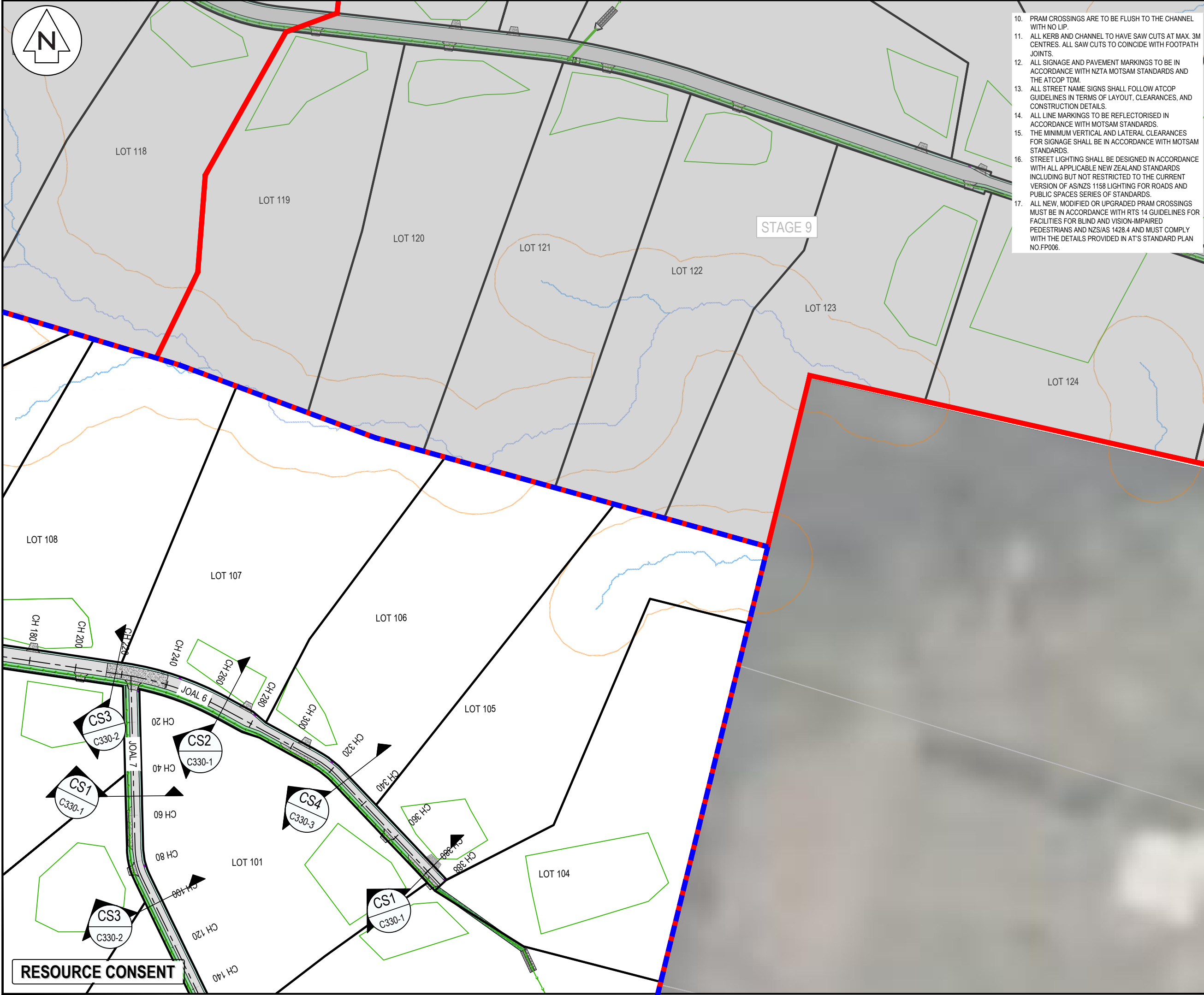
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| A | RESOURCE CONSENT | MA | 03/2025 |
| Rev | Description | By | Date |
| | By | Date | |
| Survey | LANDPRO | 03/2023 | |
| Design | KH | 03/2025 | |
| Drawn | MA | 03/2025 | |
| Checked | RW/KH | 03/2025 | |



Project no.	147007		
Scale	1:1500 @ A3		
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG		
Drawing no.	C300-7-1	Rev	A

RESOURCE CONSENT



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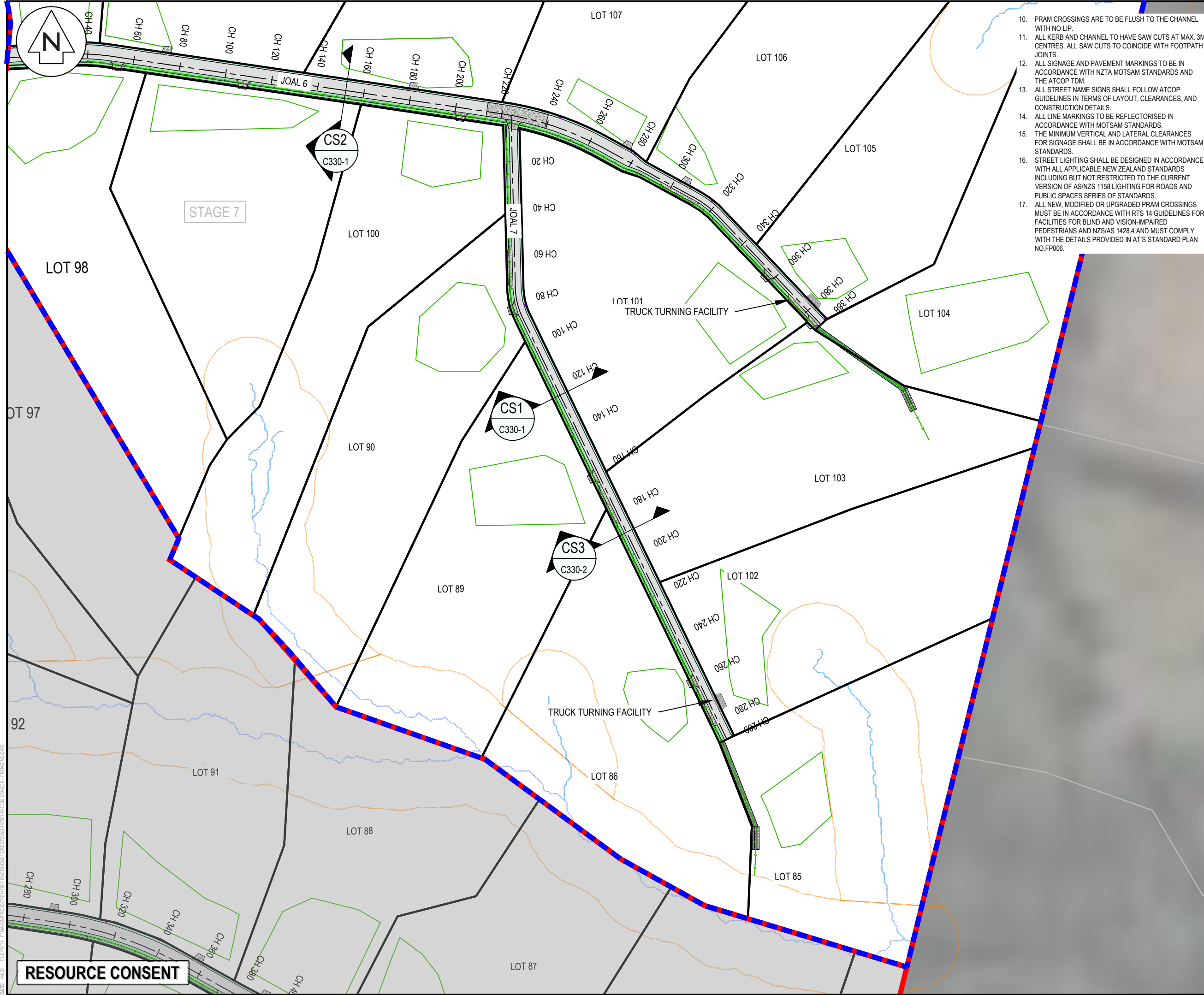
A	RESOURCE CONSENT	MA	03/2025
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Project
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Title
**PROPOSED
ROADING
PLAN - STAGE 7**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
Drawing no.	C300-7-2
Rev	A



- 10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
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A	RESOURCE CONSENT	MA	03/2025
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PARTNERSHIP**

Title
**PROPOSED
ROADING
PLAN - STAGE 7**

Project no.	147007
Scale	1:1500 @ A3
Cad file	147007-M-C300 STAGE 6 - 7 ROADING.DWG
Drawing no.	C300-7-3
Rev	A

DATE: 4/02/25 FILE PATH: F:\MVEN\PROJECTS\147007 RIVERHEAD FOREST\DWG\147007-M-C300 STAGE 6 - 7 ROADING.DWG