



NOTE:
EGL DATA FOR CULVERT 1 AND 2 ARE
OBTAINED FROM AUCKLAND COUNCIL
GIS MAPS

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE AUCKLAND VERTICAL DATUM 1946.
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- LEGEND
- EX BDY
 - PR BDY
 - PR OLFP
 - EX STREAMS
 - EX CULVERT
 - EX WETLAND
 - PR BERM
 - PR ROAD
 - 100-YEAR FLOOD EXTENT AT CULVERT UPSTREAM

A	RESOURCE CONSENT	MA	10/2025
Rev	Description	By	Date
Survey			
Design	EZ		03/2025
Drawn	MA		10/2025
Checked	RW/KH		10/2025

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

Title
**RETIREMENT VILLAGE
PROP 100 YR FLOOD
STORAGE - CULVERT 1**

Project no.	147016
Scale	1:1000 @ A3
Cad file	147016-RV-C482 CULVERT FLOOD STORAGE.DWG
Drawing no.	C482-1
Rev	A

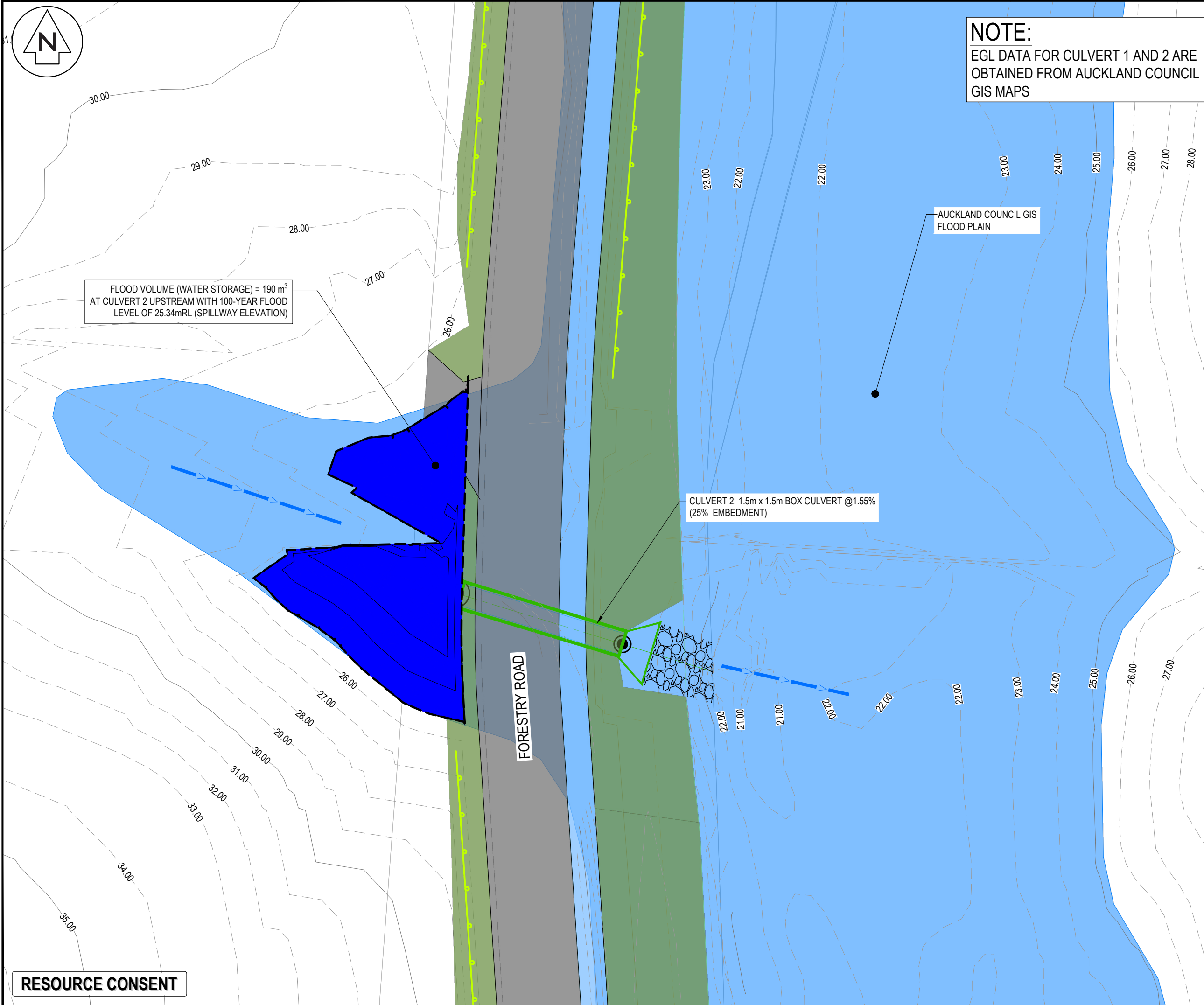
FLOOD VOLUME (WATER STORAGE) = 2,891 m³
AT CULVERT 1 UPSTREAM WITH 100-YEAR FLOOD
LEVEL OF 25.51mRL (SPILLWAY ELEVATION)

CULVERT 1: 5m x 2m BOX CULVERT @1.40%
(25% EMBEDMENT)

AUCKLAND COUNCIL GIS
FLOOD PLAIN

FORESTRY ROAD

RESOURCE CONSENT



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LEGEND

---	EX BDY
---	PR BDY
--->---	PR OLFP
---	EX STREAMS
---	EX CULVERT
---	EX WETLAND
---	PR BERM
---	PR ROAD
---	100-YEAR FLOOD EXTENT AT CULVERT 2 UPSTREAM

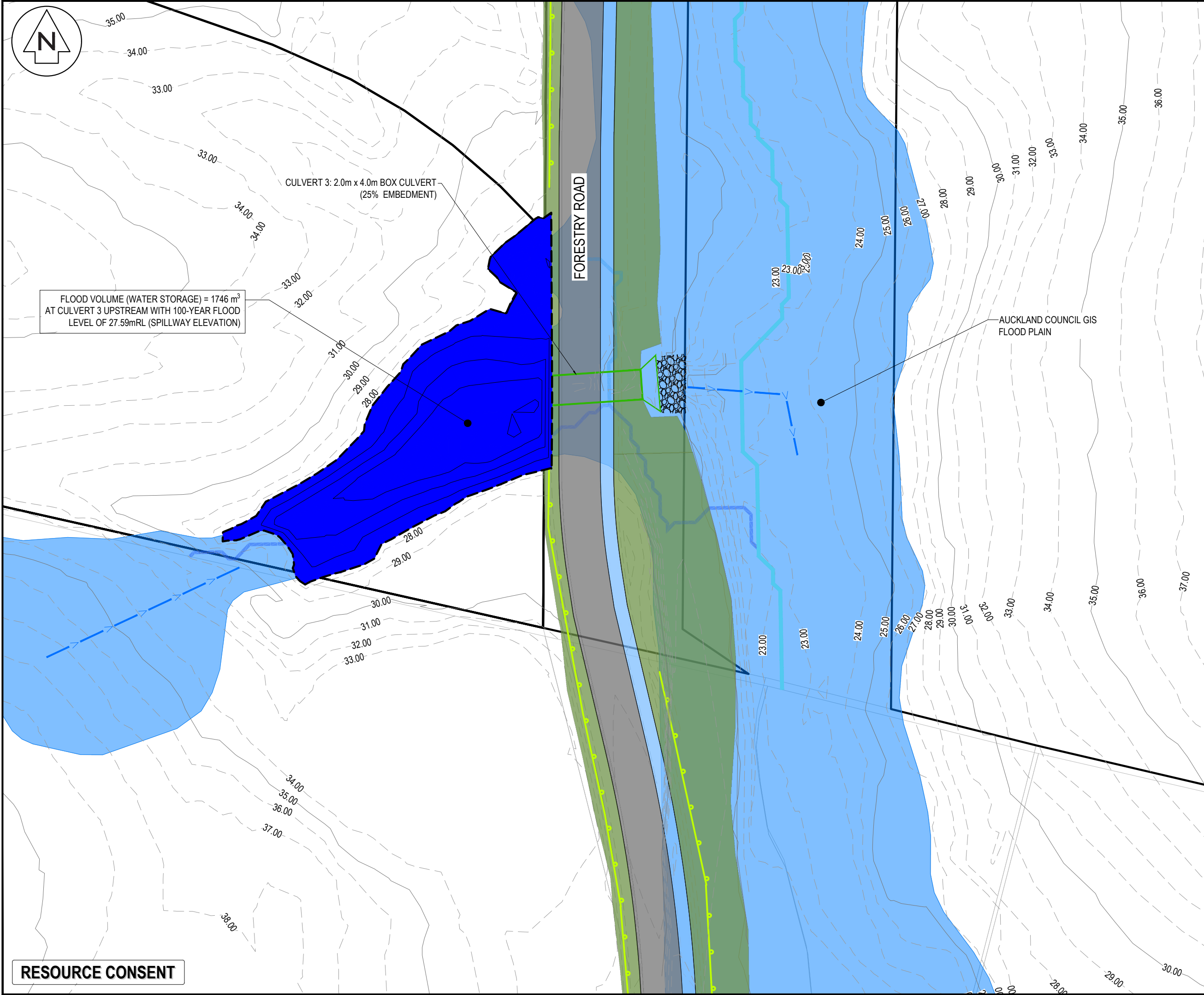
A	RESOURCE CONSENT	MA	10/2025
Rev	Description	By	Date
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Design	EZ		03/2025
Drawn	MA		10/2025
Checked	RW/KH		10/2025

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FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**RETIREMENT VILLAGE
PROP 100 YR FLOOD
STORAGE - CULVERT 2**

Project no.	147016
Scale	1:250m_XREF @ A3
Cad file	147016-RV-C482 CULVERT FLOOD STORAGE.DWG
Drawing no.	C482-2
Rev	A



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A	RESOURCE CONSENT	MA	10/2025
Rev	Description	By	Date
Survey			
Design	EZ		03/2025
Drawn	MA		10/2025
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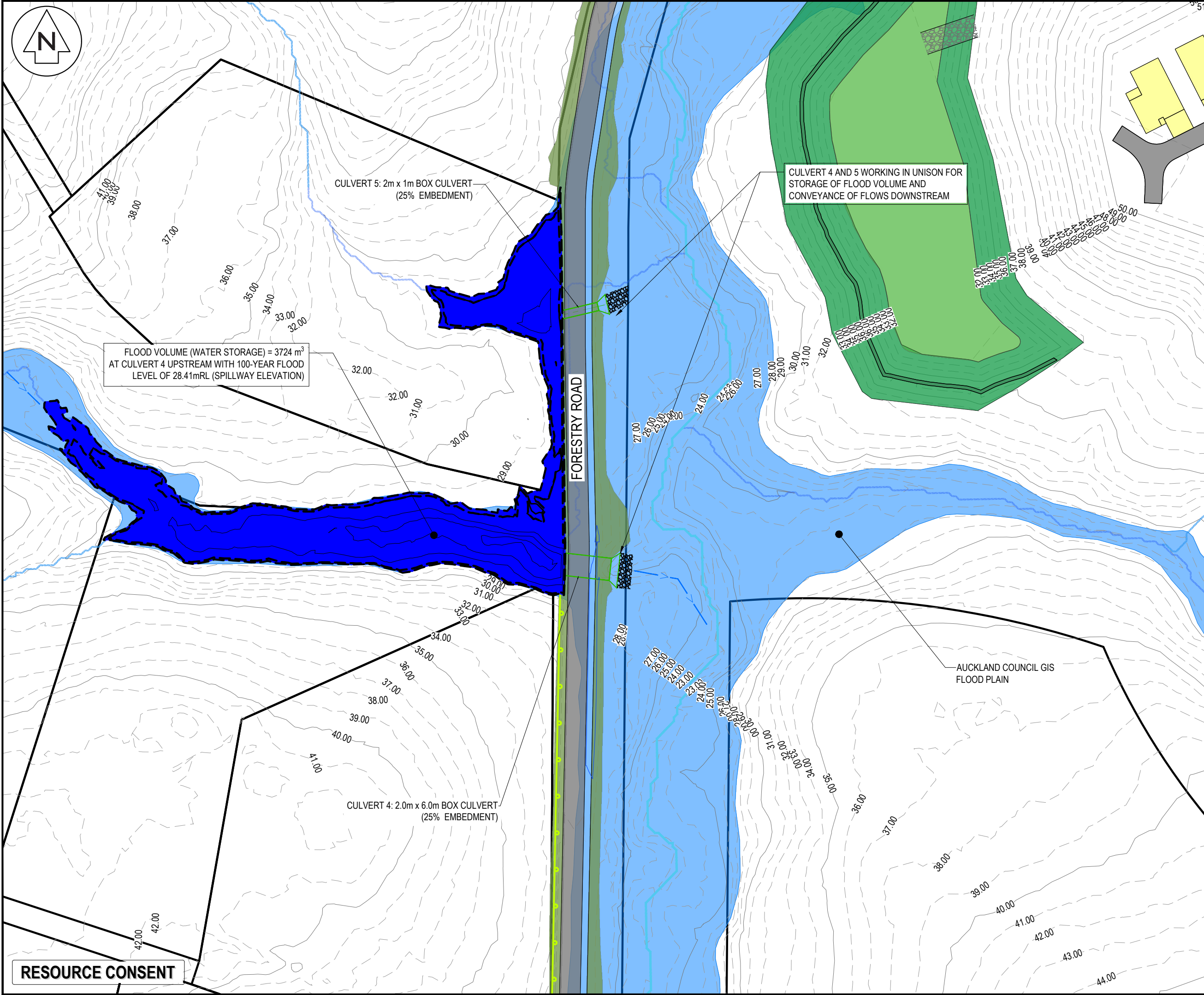
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Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
RETIREMENT VILLAGE PROP 100 YR FLOOD STORAGE - CULVERT 3

Project no.	147016		
Scale	1:500m_XREF @ A3		
Cad file	147016-RV-C482 CULVERT FLOOD STORAGE.DWG		
Drawing no.	C482-3	Rev	A

RESOURCE CONSENT



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	PR BDY
	PR OLFP
	EX STREAMS
	EX CULVERT
	EX WETLAND
	PR BERM
	PR ROAD

A	RESOURCE CONSENT	MA	10/2025
Rev	Description	By	Date
Survey			
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Drawn	MA		10/2025
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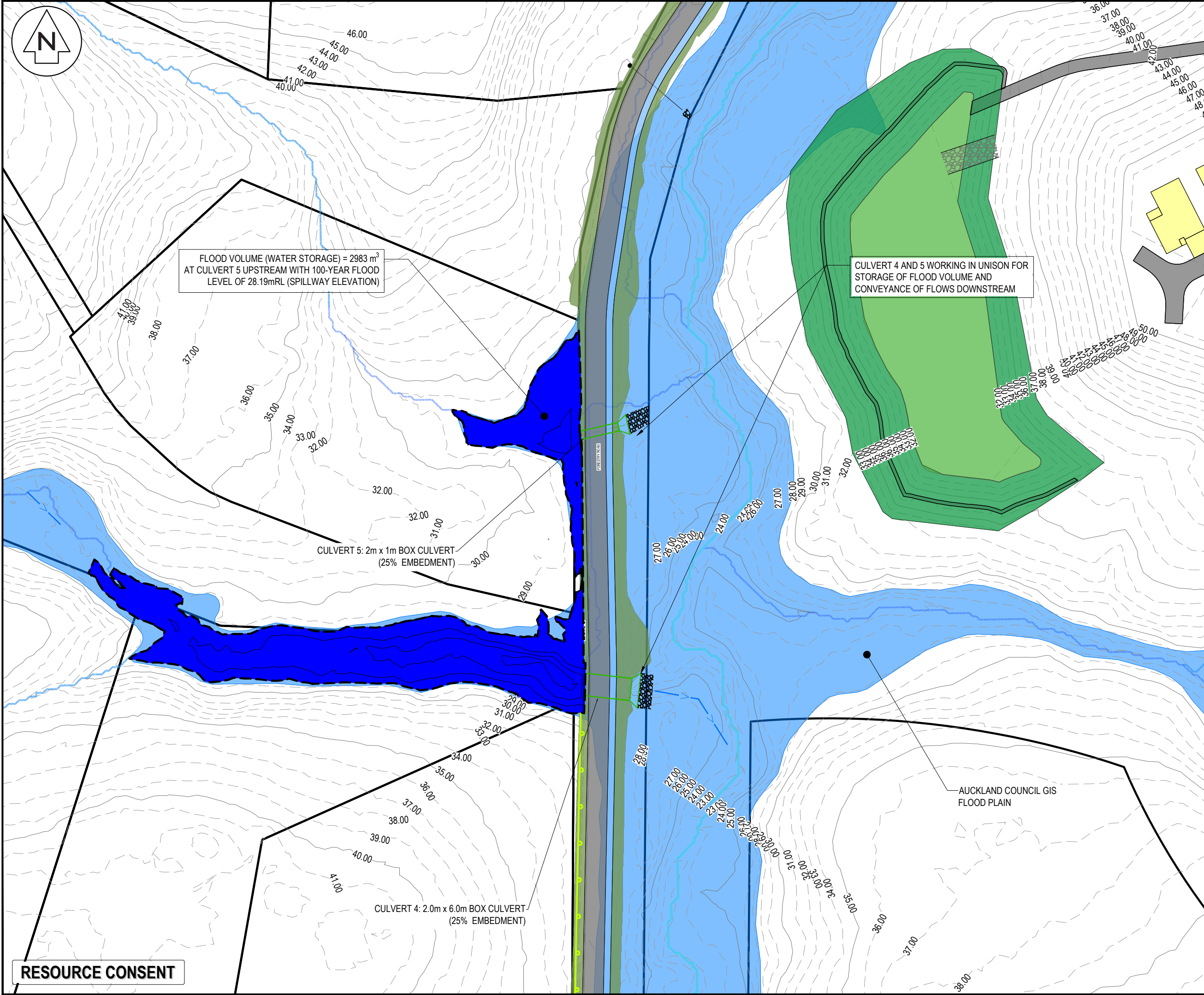
Project

DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title

RETIREMENT VILLAGE PROP 100 YR FLOOD STORAGE - CULVERT 4

Project no.	147016		
Scale	1:1000 @ A3		
Cad file	147016-RV-C482 CULVER FLOOD STORAGE.DWG		
Drawing no.	C482-4	Rev	A



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Rev	Description	By	Date
Survey			
Design	EZ		03/2025
Drawn	MA		10/2025
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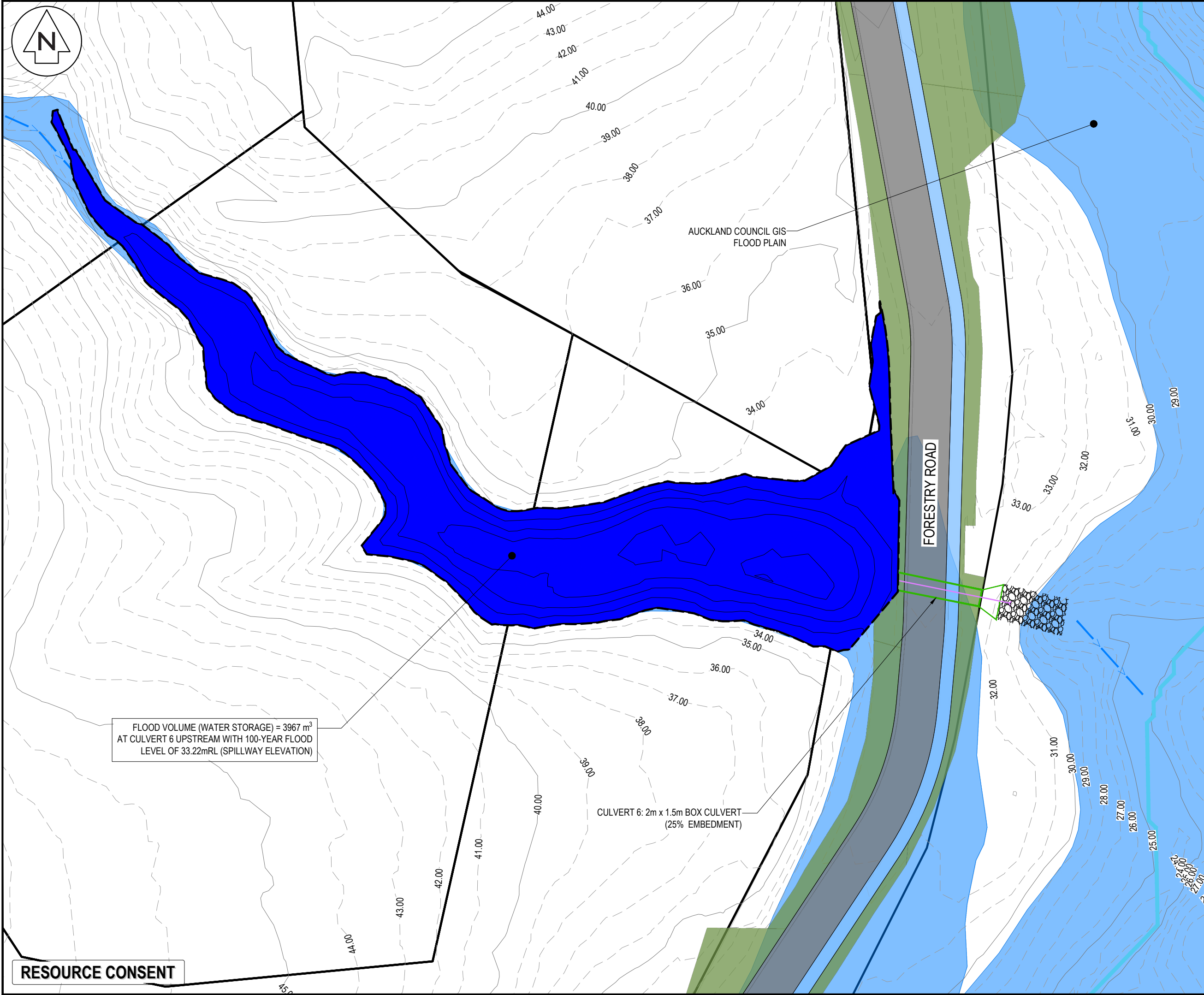
Project

DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title

RETIREMENT VILLAGE PROP 100 YR FLOOD STORAGE - CULVERT 5

Project no.	147016
Scale	1:1000 @ A3
Cad file	147016-RV-C482 CULVER FLOOD STORAGE.DWG
Drawing no.	C482-5
Rev	A



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—	PR BDY
—>—>—	PR OLFP
—	EX STREAMS
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<div><div><div>M</div><div>MAVEN</div></div><div><div>Maven Associates</div><div>09 571 0050</div><div>info@maven.co.nz</div><div>www.maven.co.nz</div><div>5 Owens Road, Epsom</div><div>Auckland 1023</div></div></div> <div><p>Project</p><p>DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP</p><p>Title</p><p>RETIREMENT VILLAGE PROP 100 YR FLOOD STORAGE - CULVERT 6</p><table><tr><td>Project no.</td><td>147016</td></tr><tr><td>Scale</td><td>1:500m_XREF @ A3</td></tr><tr><td>Cad file</td><td>147016-RV-C482 CULVERT FLOOD STORAGE.DWG</td></tr><tr><td>Drawing no.</td><td>C482-6</td></tr><tr><td>Rev</td><td>A</td></tr></table></div>				Project no.	147016	Scale	1:500m_XREF @ A3	Cad file	147016-RV-C482 CULVERT FLOOD STORAGE.DWG	Drawing no.	C482-6	Rev	A
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