

CULVERT RIP-RAP DETAILS REFER TO HY-8
MODELING DATA.
DETAIL DESIGN OF THE STABILISED
BATTERS AND ENERGY DISSIPATION TO BE
CONFIRMED AT THE DETAIL DESIGN STAGE

PR ROAD/JOAL
(INDICATIVE ONLY)

SAFETY FENCE ON TOP OF
CULVERT

SECONDARY 6000 X1000 BOX CULVERT
UPSTREAM RL:56.75;
DOWNSTREAM RL: 56.10

FILL MATERIAL AND SLOPE TO BE
SPECIFIED BY GEOTECHNICAL
ENGINEER

PROPOSED Ø1050 CIRCULAR CULVERT
FOR LOW FLOWS

LOW FLOW CHANNEL.
FINISHING TBC BY
ECOLOGIST

INDICATIVE ROCK RIP-RAP. REFER TO
HY-8 MODELING DATA FOR SPECIFIC
SIZING

EMBEDMENT AT 320mm FROM THE
BOTTOM OF THE CULVERT

SPECIFIC WING WALL DESIGN TO BE
CONFIRMED AT THE DETAIL DESIGN
STAGE

ENERGY DISSIPATION BAFFLES
AND/OR ROCK ON CONCRETE
BEDDING. SPECIFIC DESIGN TBC

CULVERT 1-1 - CROSS SECTION
SCALE: NTS

RESOURCE CONSENT

B	RC S67	JAW	10/2025
A	RESOURCE CONSENT	AC	03/2025
Rev	Description	By	Date
	By	Date	
Survey			
Design	AYC	03/2025	
Drawn	AYC	03/2025	
Checked	RW/KH	03/2025	

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

Title
**CULVERT 1-1
CROSS SECTION**

Project no.	147007		
Scale	NTS		
Cad file	147007-M-C490 CULVERT SECTIONS.DWG		
Drawing no.	C492	Rev	B