

NOTES:
1. REFER TO SHEET C478-4A AND C478-4B PLANS

FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.150
VELOCITY	0.520
DEPTH x VELOCITY	0.078

FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.220
VELOCITY	0.750
DEPTH x VELOCITY	0.165

FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50YR + CC)	
DEPTH	0.130
VELOCITY	0.850
DEPTH x VELOCITY	0.111

LEGEND:

- EX GROUND SURFACE
- PR DESIGN SURFACE
- EX 100YR FLOOD LEVEL
- PR 100YR FLOOD LEVEL

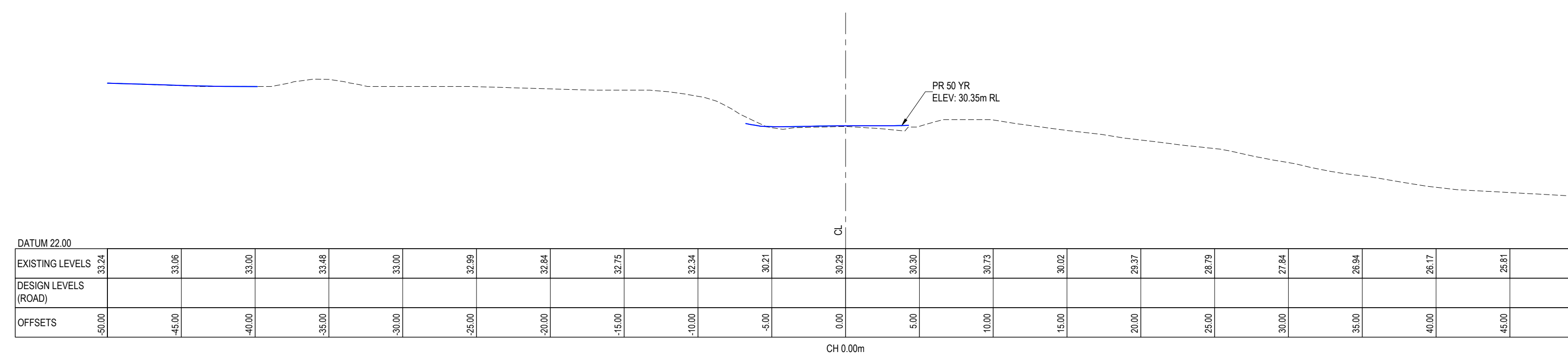
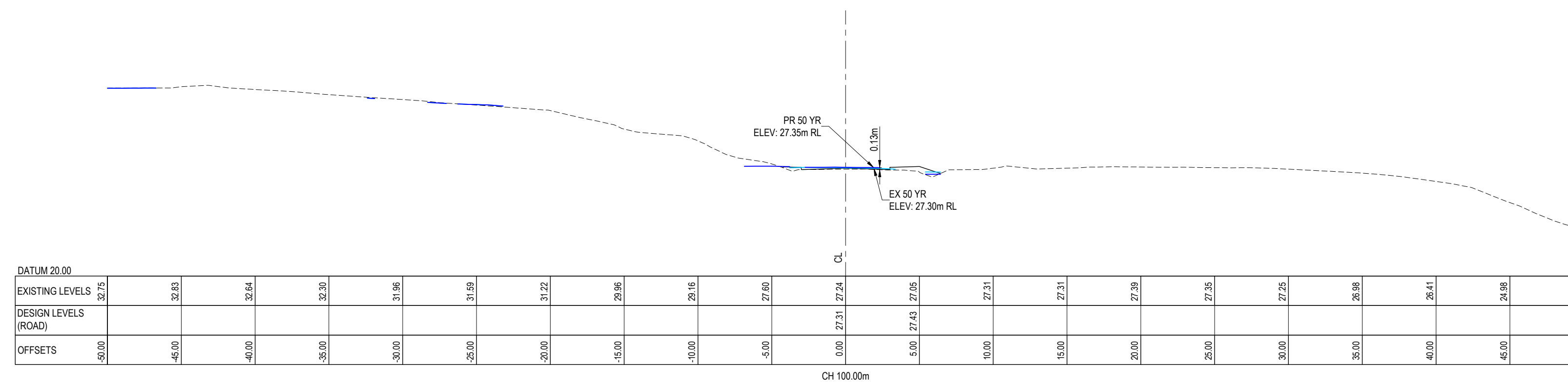
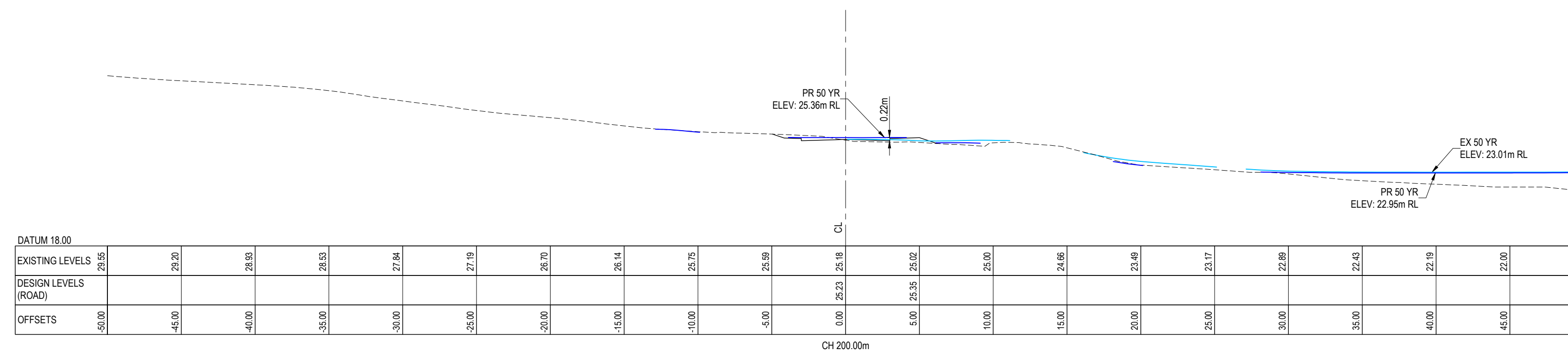
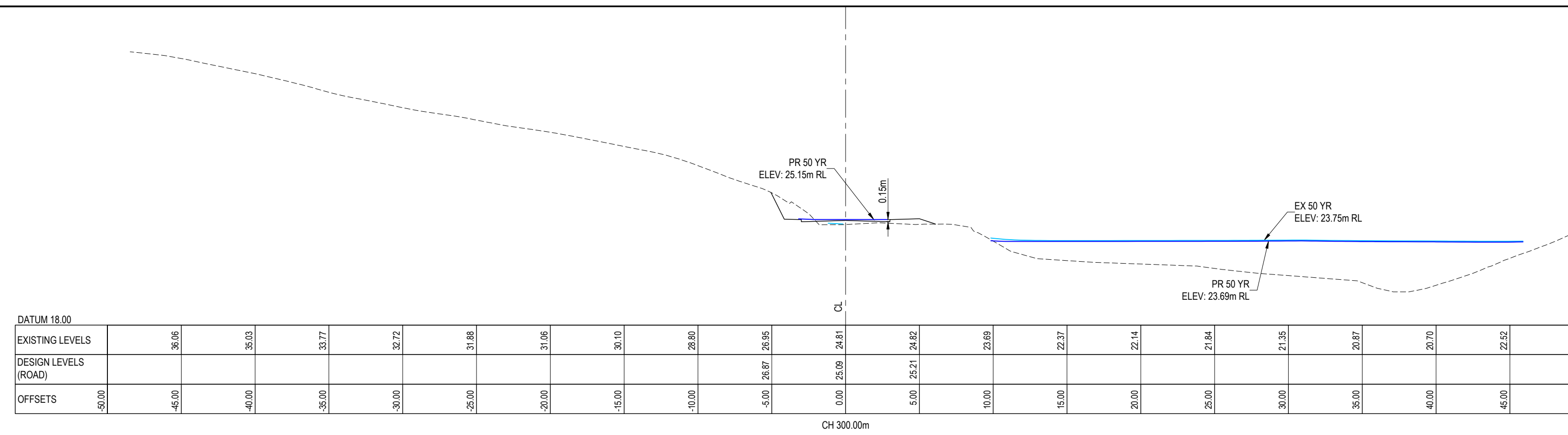
SECTION 53		SP	10/2025
Revisions		By	Date
	By	Date	
by	LIDAR	03/2024	
n	KH	09/2025	
n	SP	08/2025	
kerd	RW	10/2025	



DEVELOPMENT OF
OVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

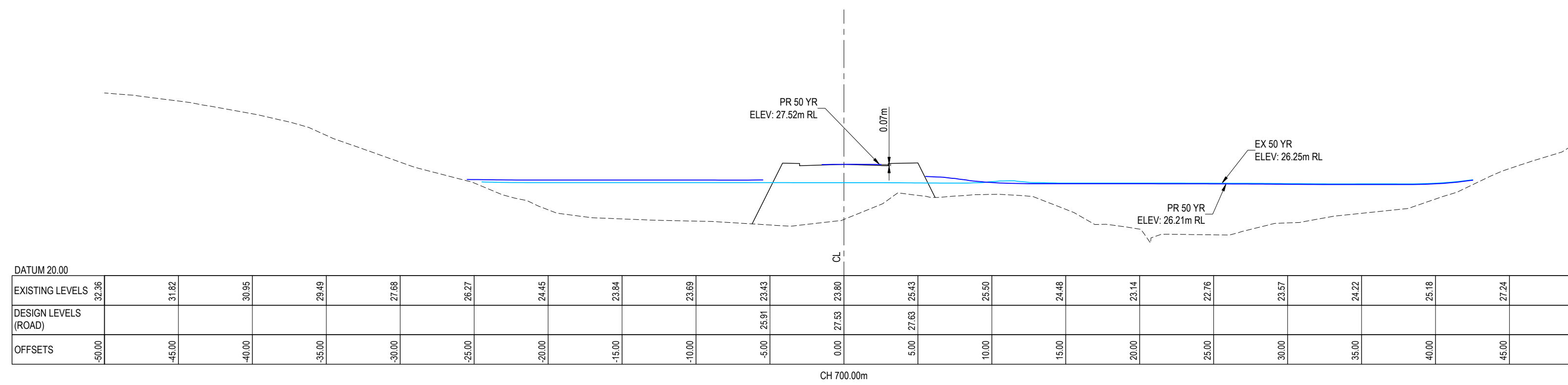
RETIREMENT VILLAGE
PRE & POST DEVELOPMENT
CROSS SECTIONS - FLOOD

ct no.	147016		
	1:250 @ A1		
file	147016-RV-C475-4A_4B 50YR X-SECTIONS.DWG		
ing no.	C475-4A-10	Rev	



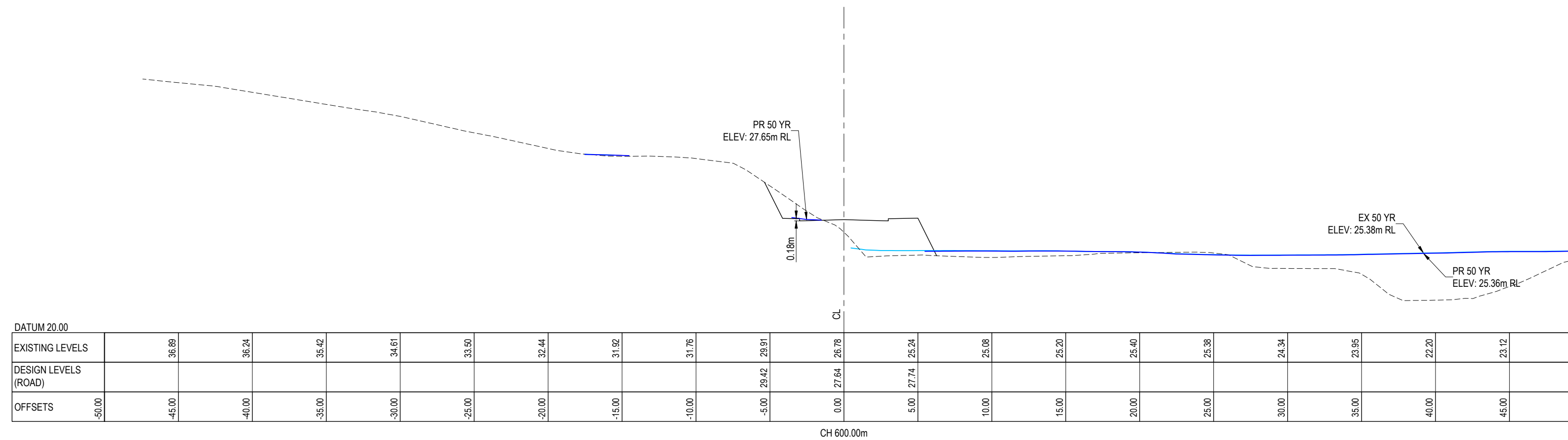
DRAFT FOR REVIEW

NOTES:
1. REFER TO SHEET C478-4A AND C478-4B PLANS



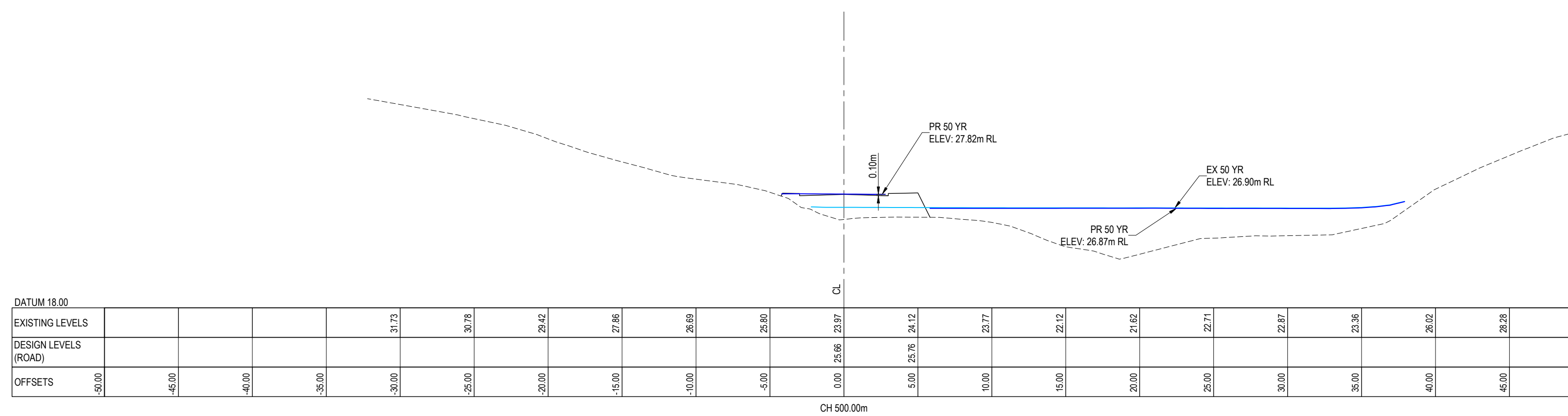
FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50YR + CC)	
DEPTH	0.070
VELOCITY	0.140
DEPTH x VELOCITY	0.010



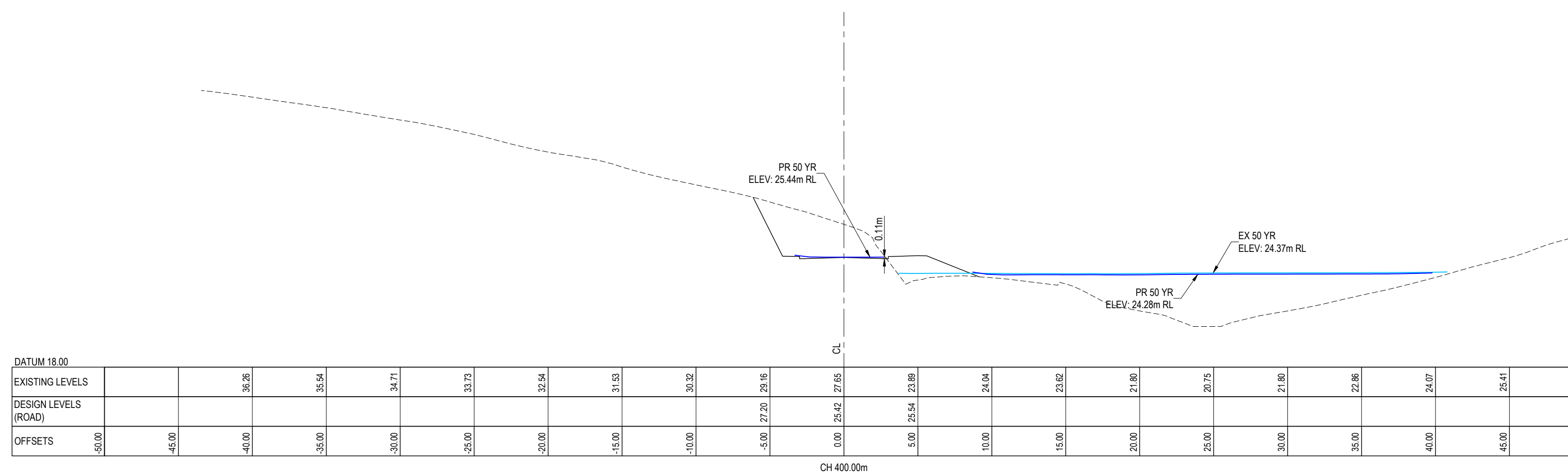
FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50YR + CC)	
DEPTH	0.180
VELOCITY	0.400
DEPTH x VELOCITY	0.072



FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.100
VELOCITY	0.600
DEPTH x VELOCITY	0.060



FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.110
VELOCITY	0.190
DEPTH x VELOCITY	0.021

LEGEND:

- EX GROUND SURFACE
- PR DESIGN SURFACE
- EX 100YR FLOOD LEVEL
- PR 100YR FLOOD LEVEL

SECTION 53	SP	10/2025
Revisions	By	Date
By	Date	
by LIDAR	03/2024	
in KH	09/2025	
in SP	09/2025	
said RW	10/2025	



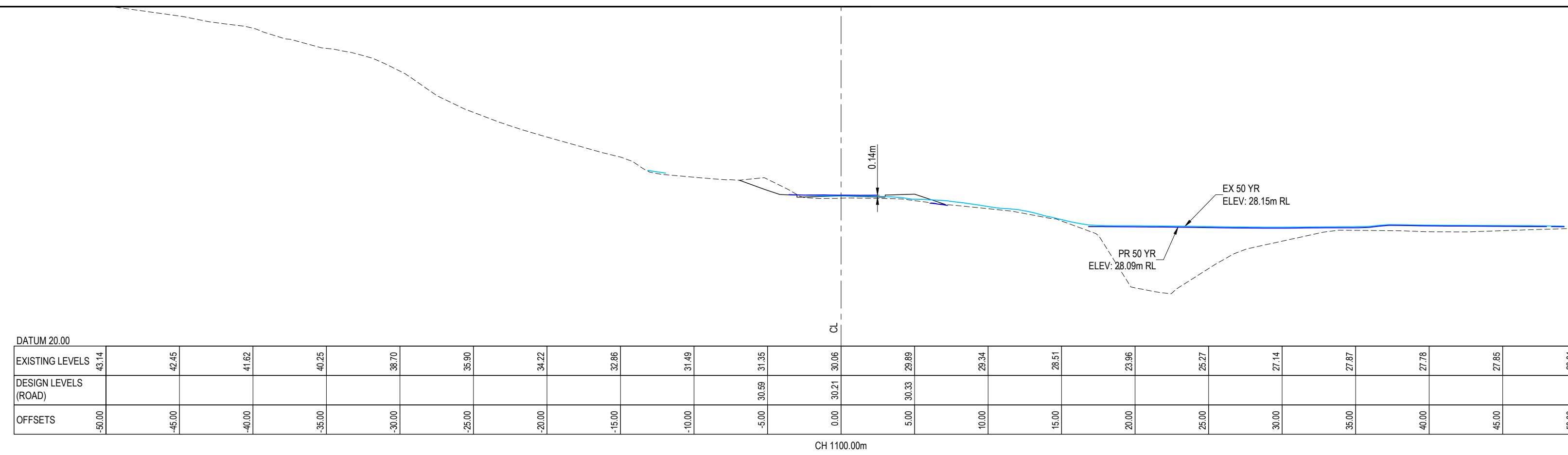
DEVELOPMENT OF OVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

RETIREMENT VILLAGE
PRE & POST DEVELOPMENT
CROSS SECTIONS - FLOOD

Object no.	147016		
Time	1:250 @ A1		
File	147016-RV-C475-4A_4B 52YR X-SECTIONS.DWG		
Page no.	C475-4A-11	Rev	

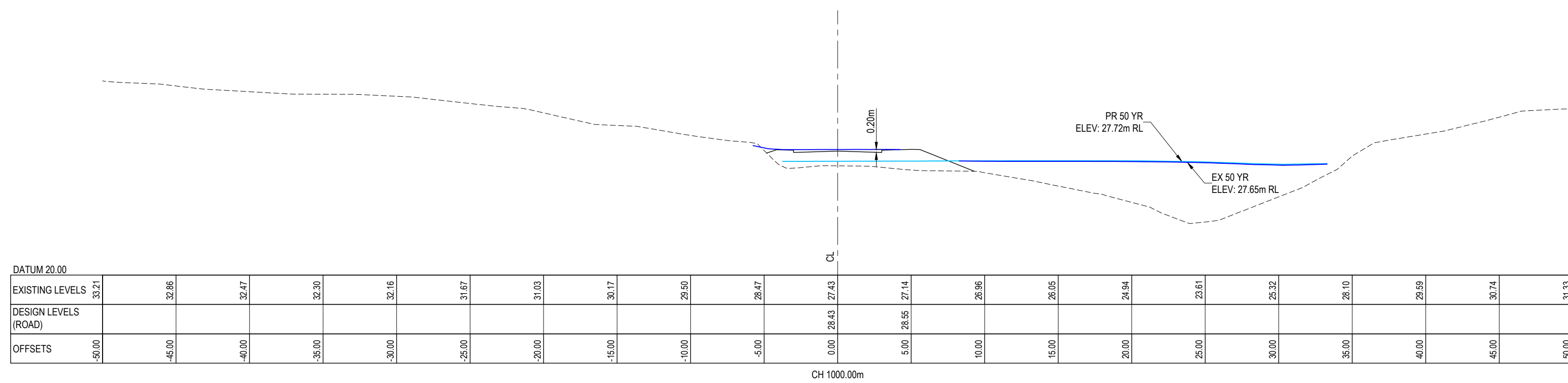
DRAFT FOR REVIEW

NOTES:
1. REFER TO SHEET C478-4A AND C478-4B PLANS



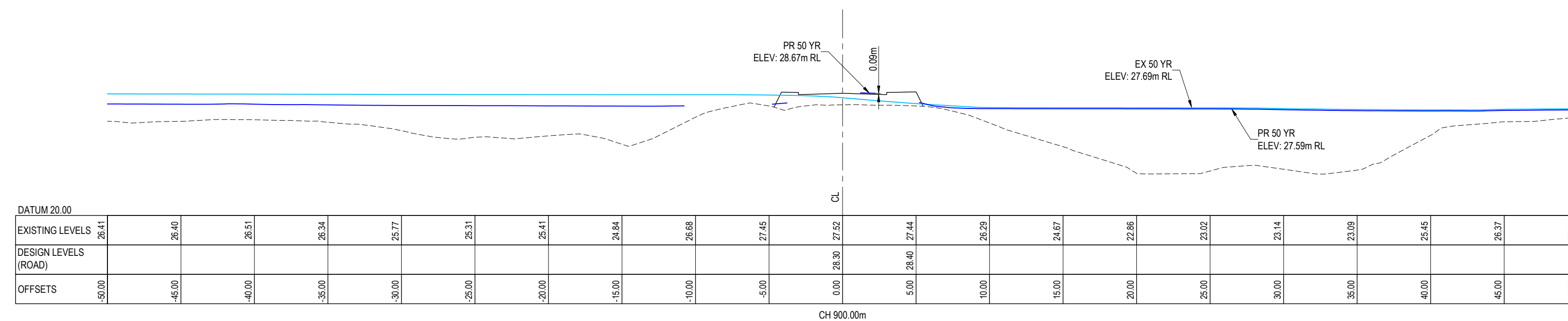
FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.140
VELOCITY	0.120
DEPTH x VELOCITY	0.017



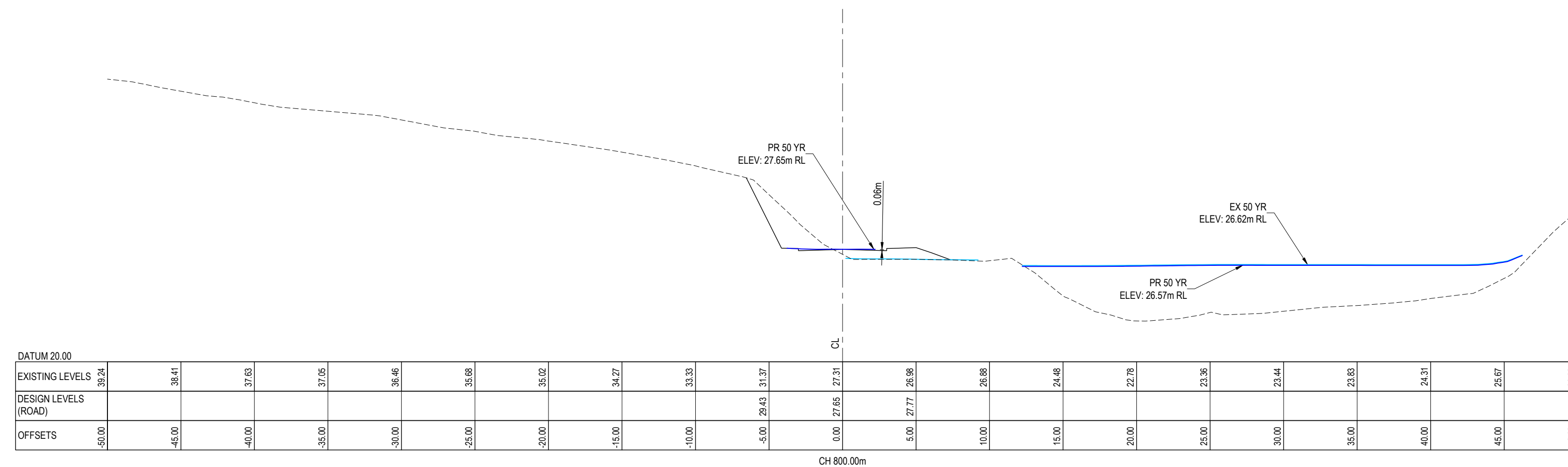
FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.200
VELOCITY	0.360
DEPTH x VELOCITY	0.072



FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50YR + CC)	
DEPTH	0.090
VELOCITY	0.130
DEPTH x VELOCITY	0.012



FOR ROADING ONLY AS PER
AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50YR + CC)	
DEPTH	0.060
VELOCITY	0.160
DEPTH x VELOCITY	0.010

LEGEND:

- EX GROUND SURFACE
- PR DESIGN SURFACE
- EX 100YR FLOOD LEVEL
- PR 100YR FLOOD LEVEL

SECTION 53		SP	10/2025
Revisions		By	Date
By	LIDAR	03/2024	
By	KH	09/2025	
By	SP	09/2025	
By	SP	10/2025	



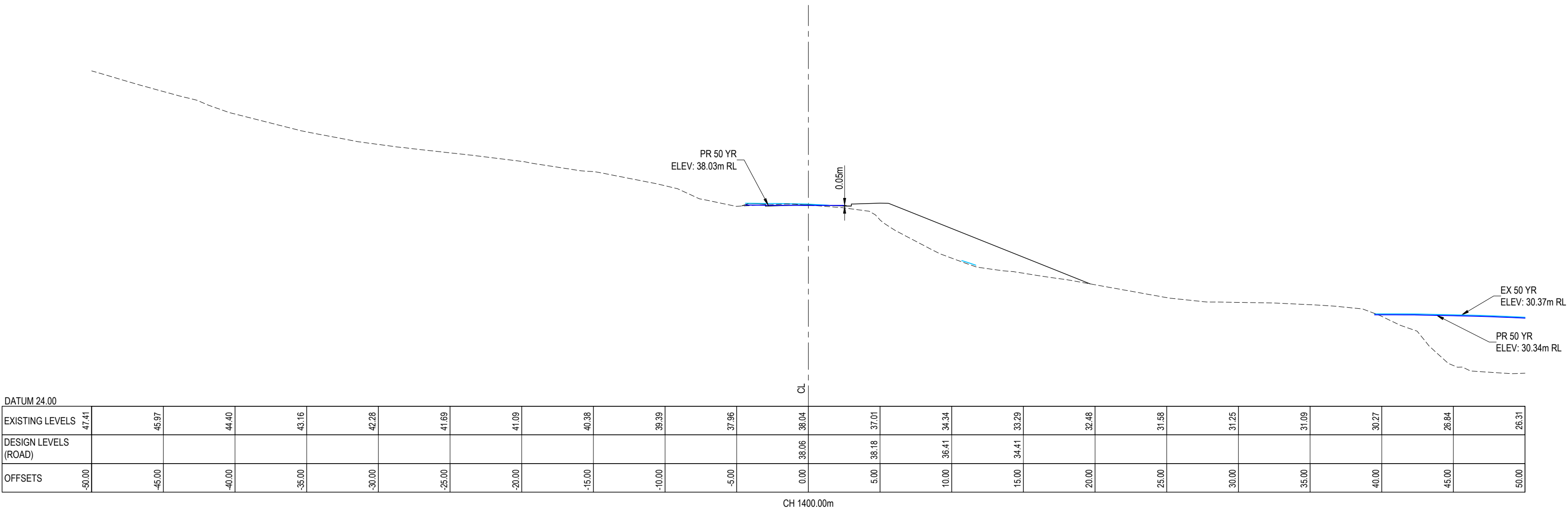
DEVELOPMENT OF
OVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

RETIREMENT VILLAGE
PRE & POST DEVELOPMENT
CROSS SECTIONS - FLOOD

Contract no.	147016		
Rate	1.250 @ A1		
File	147016-RV-C475-4A_4B 50YR X-SECTIONS.DWG		
Contract no.	C475-4A-12	Rev	

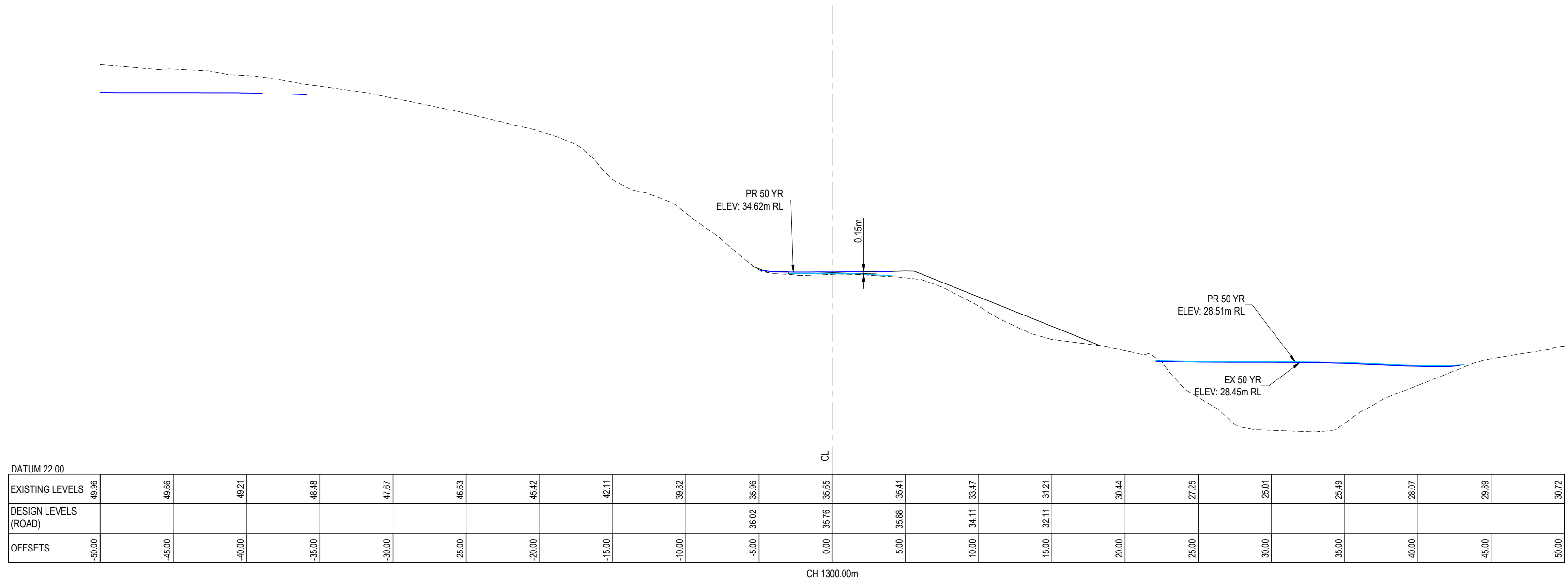
DRAFT FOR REVIEW

NOTES:
1. REFER TO SHEET C478-4A AND C478-4B PLANS



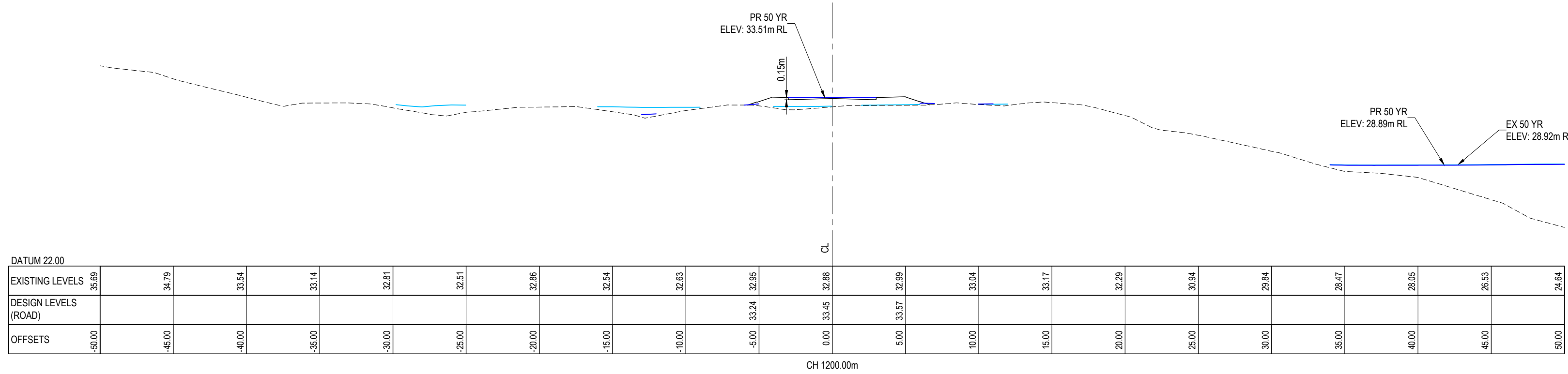
FOR ROADING ONLY AS PER AUSTRROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.050
VELOCITY	0.380
DEPTH x VELOCITY	0.019



FOR ROADING ONLY AS PER AUSTRROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.150
VELOCITY	0.440
DEPTH x VELOCITY	0.066



FOR ROADING ONLY AS PER AUSTRROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.150
VELOCITY	0.380
DEPTH x VELOCITY	0.054

LEGEND:
--- EX GROUND SURFACE
--- PR DESIGN SURFACE
--- EX 100YR FLOOD LEVEL
--- PR 100YR FLOOD LEVEL

A SECTION 53		SP	10/2025
Ref	Revisions	By	Date
	By	Date	
Survey	LUDAR	03/2024	
Design	KH	09/2025	
Drawn	SP	09/2025	
Checked	RW	10/2025	



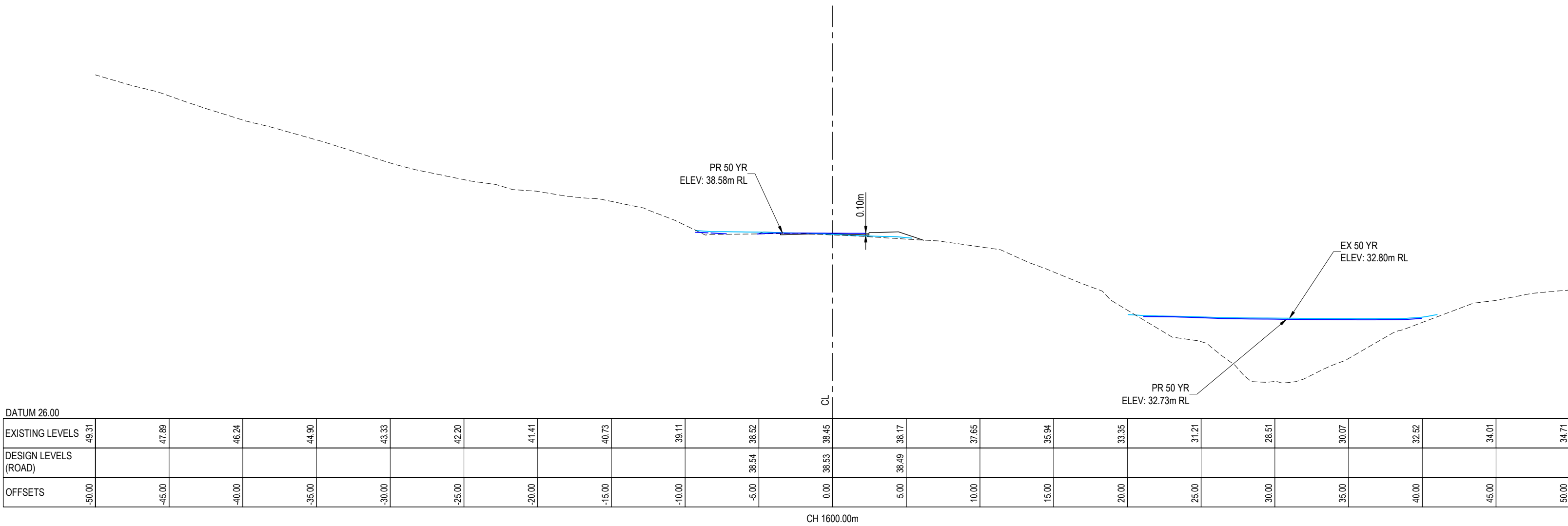
DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

RETIREMENT VILLAGE
PRE & POST DEVELOPMENT
CROSS SECTIONS - FLOOD

Project no.	147016
Scale	1:250 @ A1
Cad file	N47016-RV-C478-4A, 4B 50YR X-SECTIONS.DWG
Drawing no.	C475-4A-13

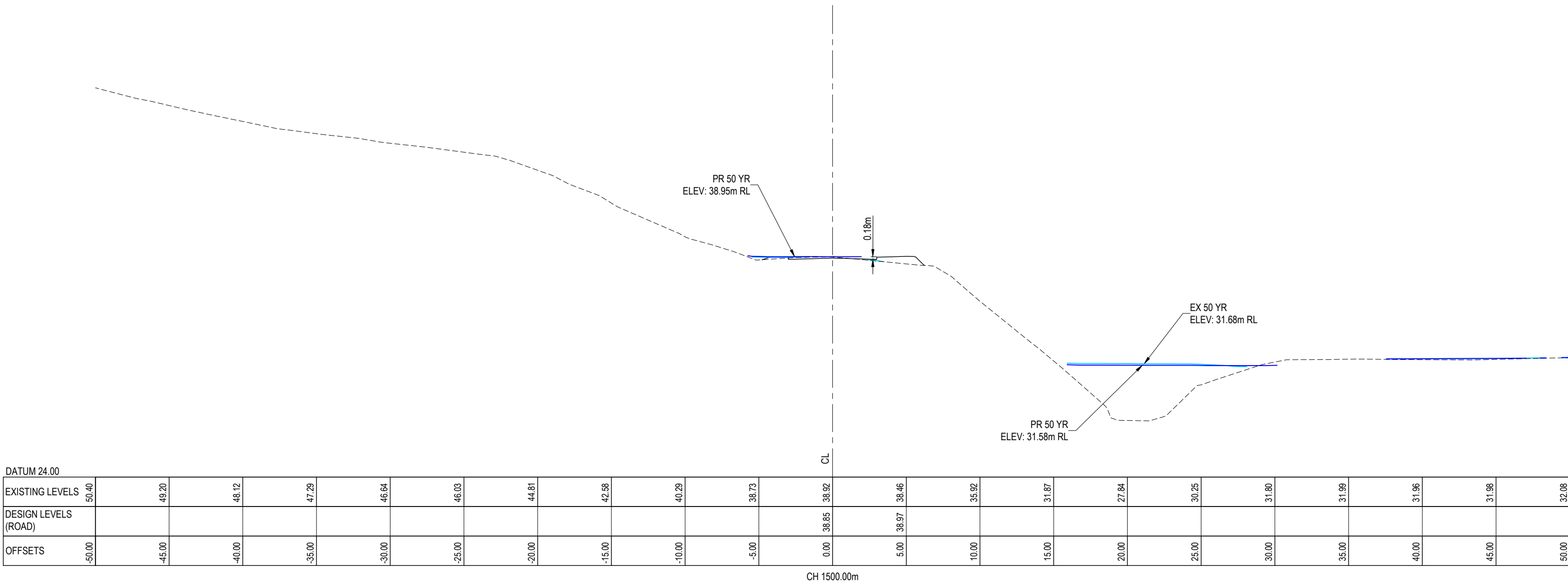
DRAFT FOR REVIEW

NOTES:
1. REFER TO SHEET C478-4A AND C478-4B PLANS



FOR ROADING ONLY AS PER AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.100
VELOCITY	0.200
DEPTH x VELOCITY	0.020



FOR ROADING ONLY AS PER AUSTROAD

DEPTH x VELOCITY TABLE (POST DEVELOPMENT - 50 YR + CC)	
DEPTH	0.180
VELOCITY	0.250
DEPTH x VELOCITY	0.045

LEGEND:
--- EX GROUND SURFACE
--- PR DESIGN SURFACE
--- EX 100YR FLOOD LEVEL
--- PR 100YR FLOOD LEVEL

A SECTION 53		SP	10/2025
Ref	Revisions	By	Date
	By	Date	
Survey	LUDAR	03/2024	
Design	KH	09/2025	
Drawn	SP	09/2025	
Checked	RW	10/2025	



Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
RETIREMENT VILLAGE PRE & POST DEVELOPMENT CROSS SECTIONS - FLOOD

Project no.	147016
Scale	1:250 @ A1
Cad file	N47016-ADV-C478-4A, 4B 50YR X SECTIONS.DWG
Drawing no.	C475-4A-14
Rev	

DRAFT FOR REVIEW