

V:\PB\_Parkins Bay\12\_Golf Course\1\_Pre Planning\CAD\PB\_12\_1\_SK-024 (Underpass Location Plan).dgn



SCALE: 1:1,250 (A1); 1:2,500 (A3)

NOTE:

REVISION:	DATE	DRAWN	REVIEWED	APPROVED
NO. DESCRIPTION - For Information Only	17.05.24	TG		

### GLENDHU BAY GOLF UNDERPASS LOCATION PLAN

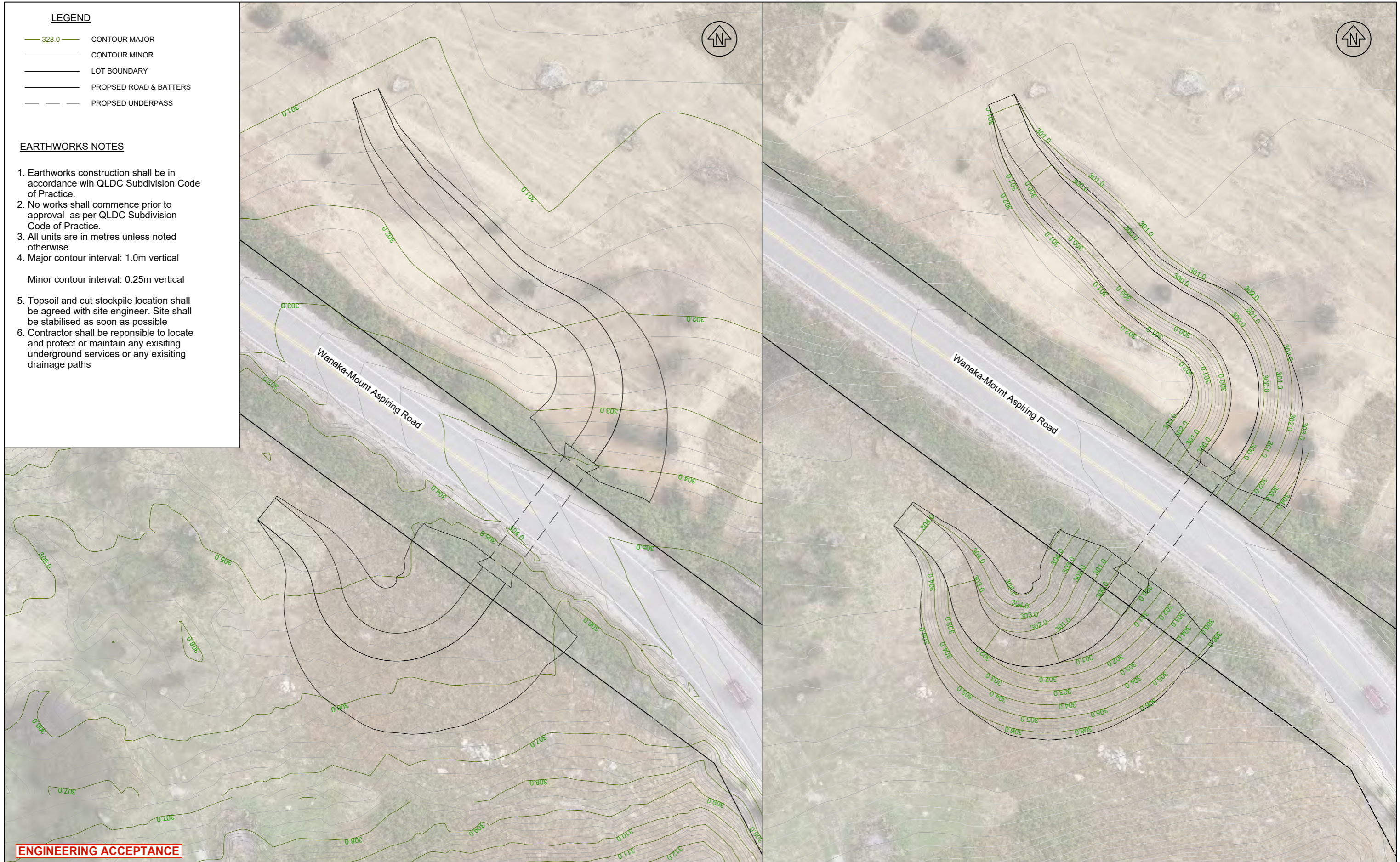
PLAN STATUS: **DRAFT**      JOB CODE: **PB\_15\_1**      DRAWING NO: **SK-024**      REV: **-**

**LEGEND**

- 328.0 CONTOUR MAJOR
- CONTOUR MINOR
- LOT BOUNDARY
- PROPOSED ROAD & BATTERS
- PROPOSED UNDERPASS

**EARTHWORKS NOTES**

1. Earthworks construction shall be in accordance with QLDC Subdivision Code of Practice.
2. No works shall commence prior to approval as per QLDC Subdivision Code of Practice.
3. All units are in metres unless noted otherwise
4. Major contour interval: 1.0m vertical  
Minor contour interval: 0.25m vertical
5. Topsoil and cut stockpile location shall be agreed with site engineer. Site shall be stabilised as soon as possible
6. Contractor shall be responsible to locate and protect or maintain any existing underground services or any existing drainage paths



**ENGINEERING ACCEPTANCE**



REVISION	DESCRIPTION	DATE
A	ENGINEERING ACCEPTANCE	19/02/2024

Level 2 Brownstone House, 21 Brownstone St., Wanaka, Ph: (03) 443 5577, Email: contact@southernland.co.nz, www.southernland.co.nz

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**Engineering Drawings  
Earthworks  
Contours**

PREPARED FOR						Glendhu Bay Trustees Limited		SCALE 1:500 @ A3	
SURVEYED						DESIGNED		DATUM & LEVEL	
-						CJ		Lindis Peak 2000	
DRAWN						CHECKED		LEVEL IN TERMS OF Dunedin Vertical Datum 1958	
CJ						VW		ORIGIN: RL=	
APPROVED						DATE		DRAWING REFERENCE	
VW						19/02/2024		P4043	
SHEET						E261		REVISION	
A						A			

# Key

## CUT

- <-3.0 to -3.0 m
- 3.0 to -2.5 m
- 2.5 to -2.0 m
- 2.0 to -1.5 m
- 1.5 to -1.0 m
- 1.0 to -0.5 m
- 0.5 to -0.2 m
- 0.2 to -0.0 m
- 0.0 to 0.2 m
- 0.2 to 0.5 m
- 0.5 to 1.0 m
- 1.0 to 1.5 m
- 1.5 to 2.0 m
- 2.0 to 2.5 m
- 2.5 to 3.0 m
- 3.0 to >3.0m

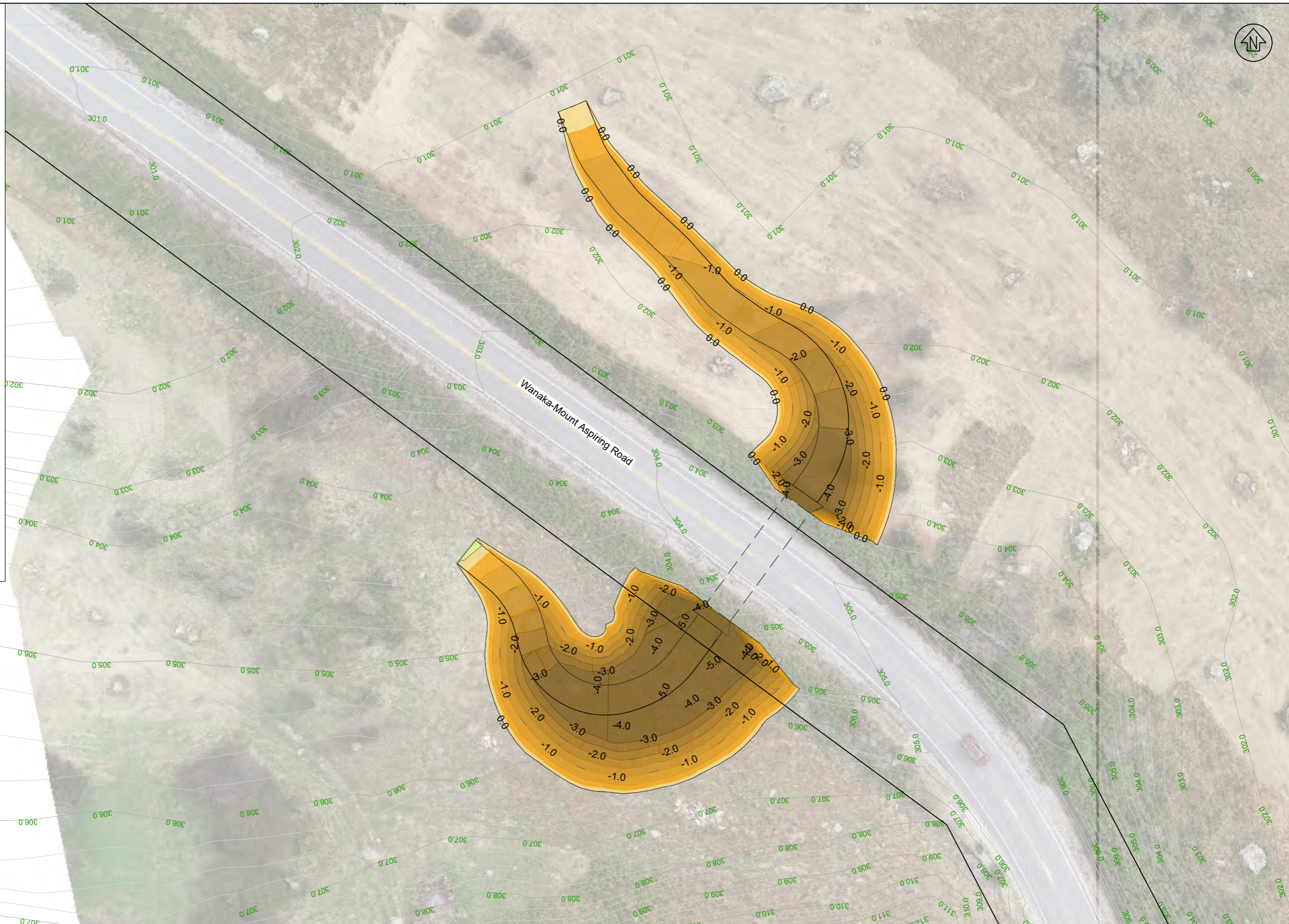


## FILL

### VOLUMES

Total cut -3148m<sup>3</sup>  
 Total fill 0 m<sup>3</sup>  
 Total balance -3148 m<sup>3</sup>

Total Stripping Area = 1636 m<sup>2</sup>  
 Estimated Stripping Volume = 491 m<sup>3</sup>



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## Engineering Drawings Earthworks Cut/Fill Depths

PREPARED FOR		Glendhu Bay Trustees Limited		SCALE		1:500 @ A3	
SURVEYED		DESIGNED	DRAWN	CHECKED	APPROVED	DATE	
-	CJ	CJ	VW	VW	VW	19/02/2024	
DRAWING REFERENCE		P4043		REVISION		A	
SHEET		E262					

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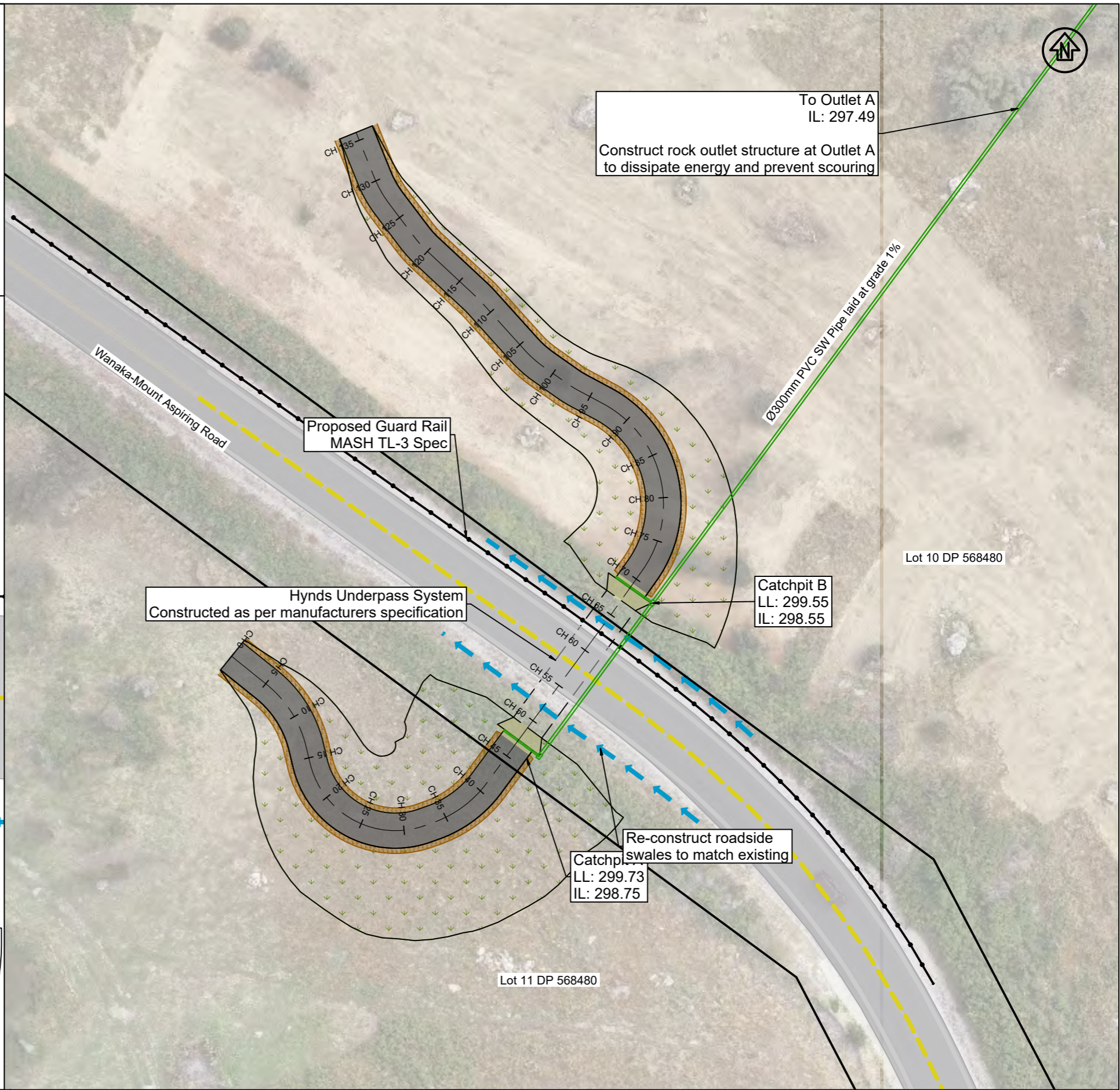
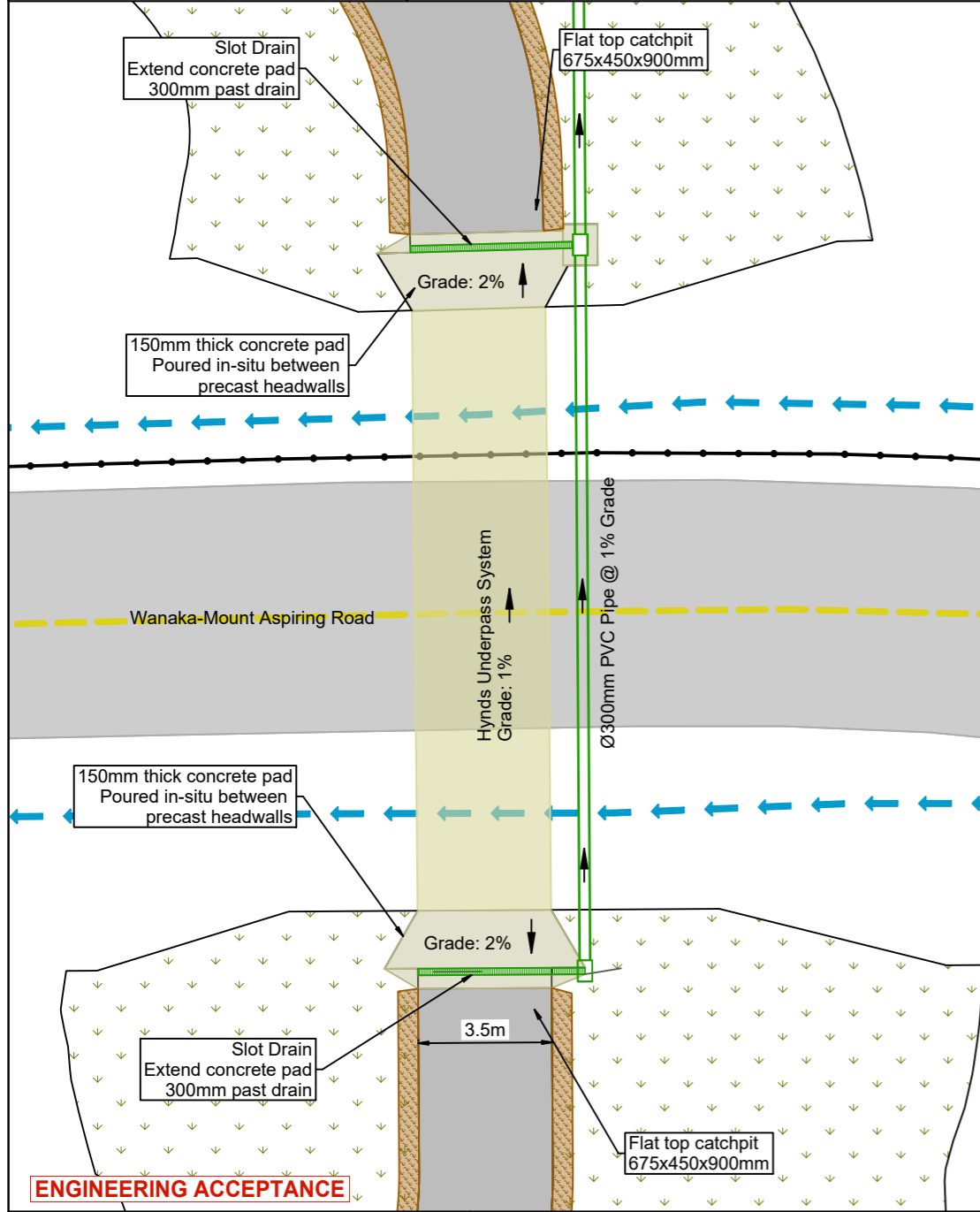
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**LEGEND**

- EXISTING ROAD
- NEW GRAVEL ROAD
- UNDERPASS
- CONCRETE PAD
- GRASS BATTERS
- STACKED STONE WALLS
- SW PIPE
- EXISTING ROADSIDE SWALES
- NEW ROAD ALIGNMENT
- LOT BOUNDARY
- PROPOSED GUARD RAIL

**NOTES**

1. Roading Construction shall be in accordance with current QLDC Subdivision Code of Practice.
2. Refer to plan E362 to E363 for long sections typical cross section and pavement details.
3. All line marking to be reinstated to match existing markings.
4. Refer to manufacture's drawing set for details on Hynds Underpass System
5. Guard rail to be installed as per MOTSAM spec



REVISION	DESCRIPTION	DATE
A	ENGINEERING ACCEPTANCE	19/02/2024
C	Issue for EA Revision	08/05/2023
D	Road Entrance and Intersection Change	02/08/2023

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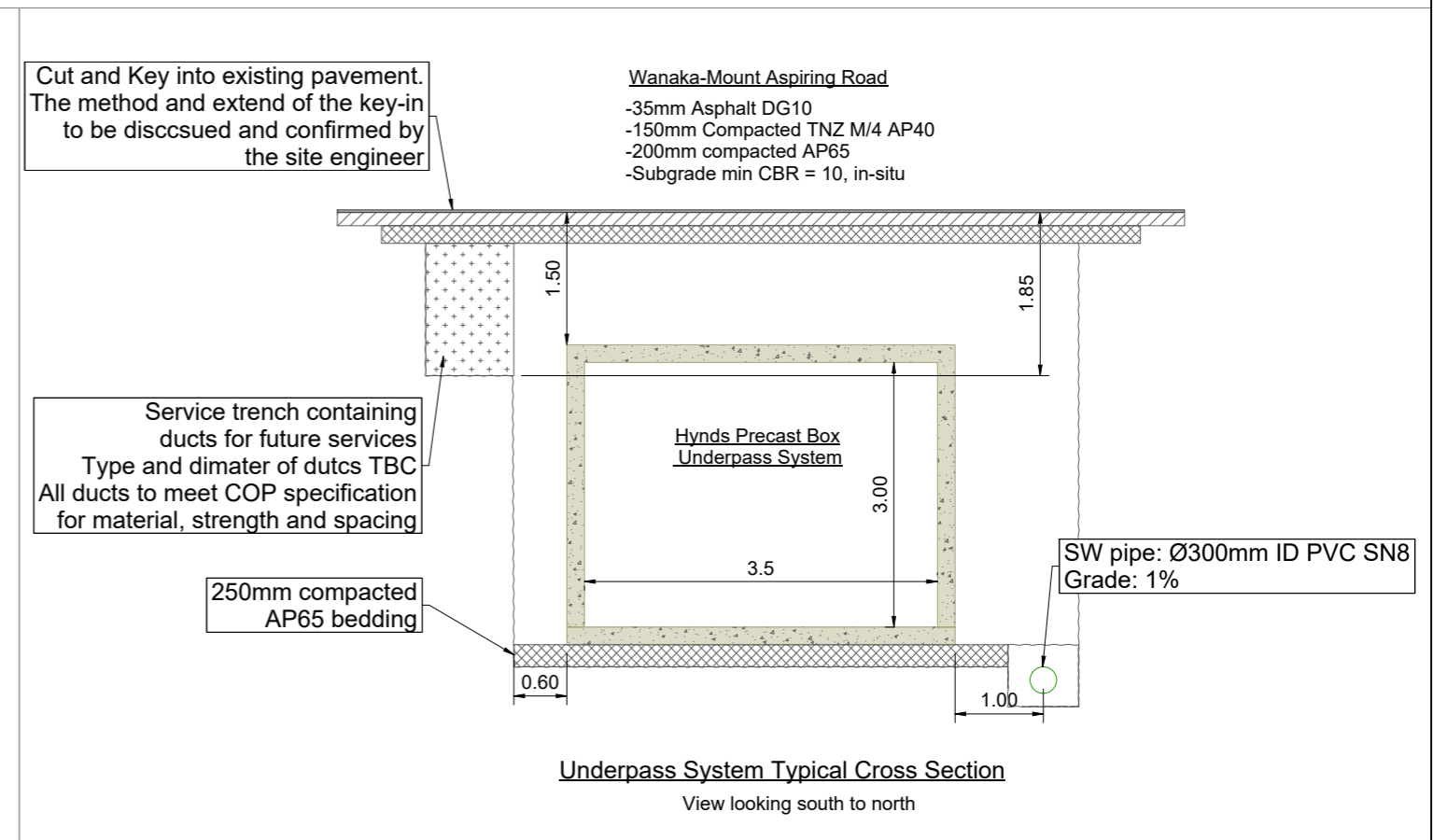
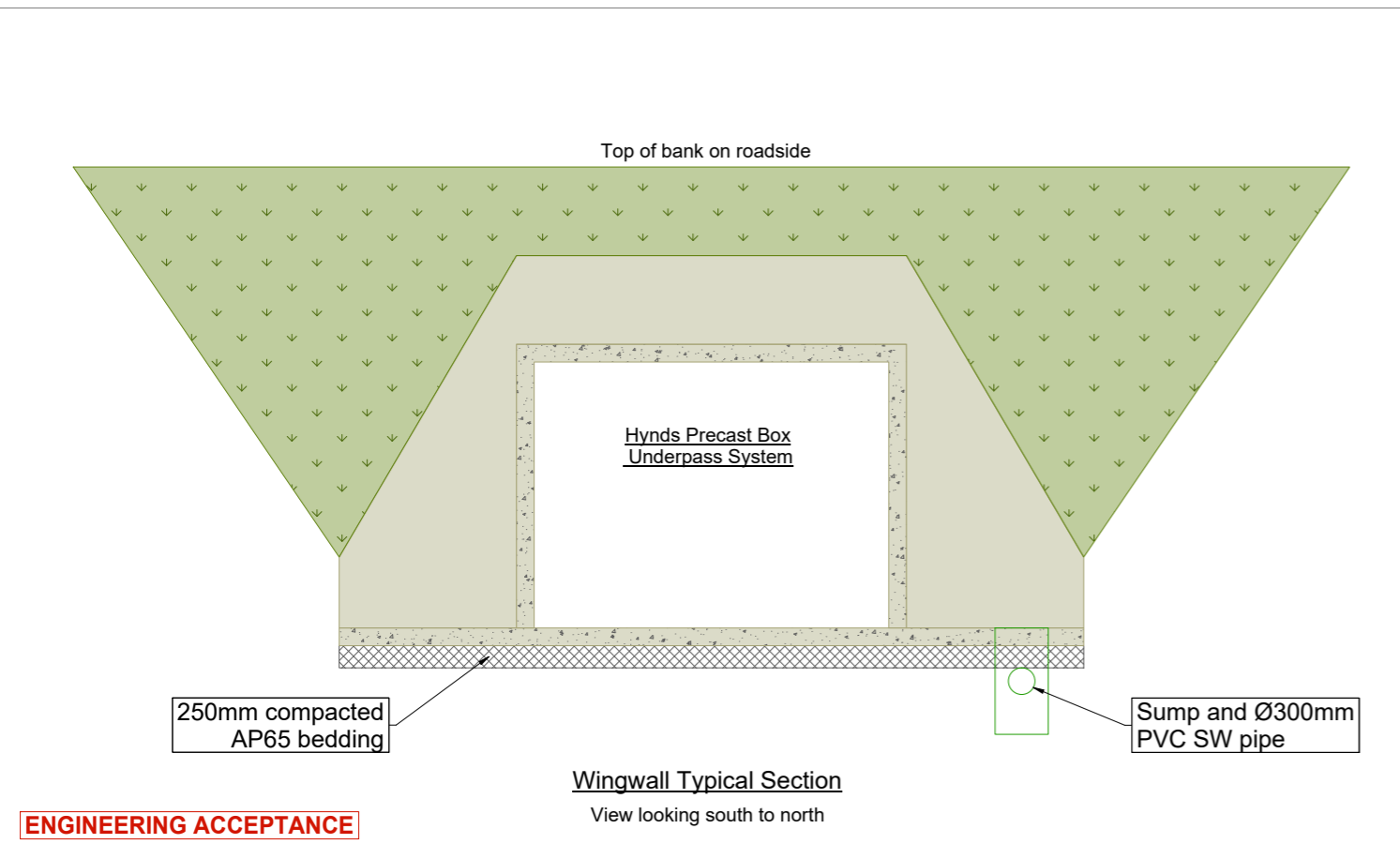
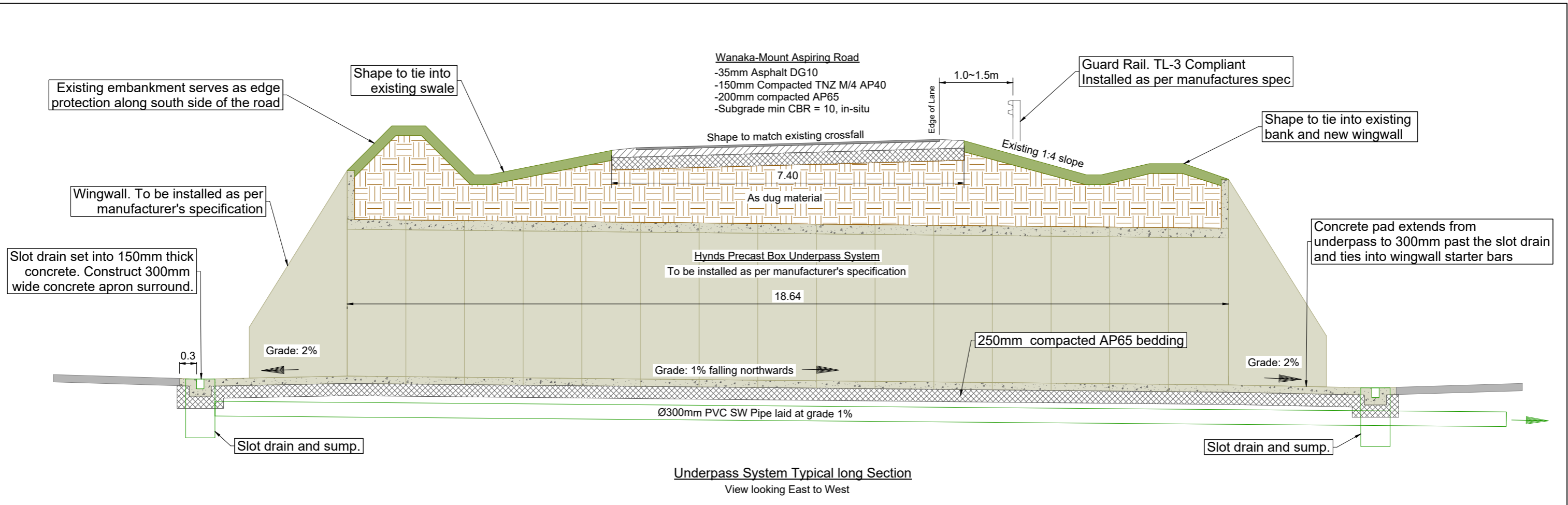
**Engineering Drawings  
Roding  
Layout**

84

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PREPARED FOR						Glendhu Bay Trustees Limited		SCALE 1:500 @ A3	
SURVEYED						DESIGNED		DATE	
-						CJ		19/02/2024	
DRAWN						CHECKED		APPROVED	
CJ						VW		VW	
SHEET						DRAWING REFERENCE		REVISION	
E361						P4043		A	





**ENGINEERING ACCEPTANCE**

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**CSNZ** THE CONSULTING SURVAYORS OF NEW ZEALAND

**Engineering Drawings  
 Roding  
 Typical Sections**

PREPARED FOR  
**Glendhu Bay  
 Trustees Limited**

SCALE  
**1:80 @ A3**

DATUM & LEVEL  
**Lindis Peak 2000**

LEVEL IN TERMS OF Dunedin Vertical Datum 1958  
 ORIGIN: RL=

DRAWING REFERENCE  
**P4043**

REVISION  
**A**

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
-	CJ	CJ	VW	VW	19/02/2024

SHEET  
**E363**

P4043 Parkins Bay Design Project V14 Thu Mar 7 12:41:54 2024



Temporary haul road to be constructed to allow traffic to bypass site during construction of underpass.

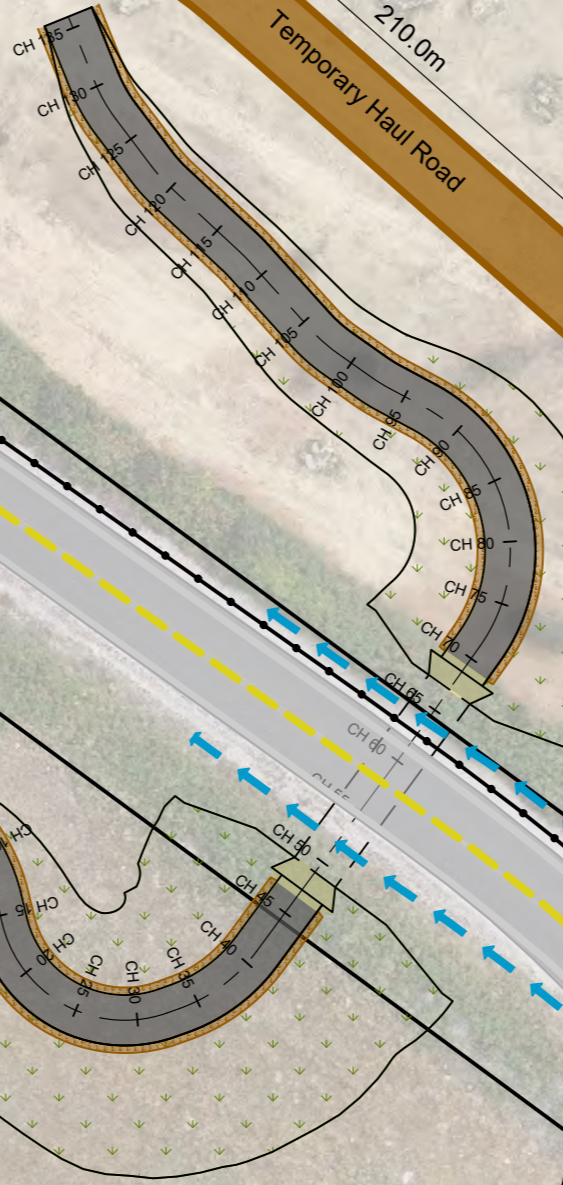
- Strip Vegetation
- 6m wide
- 200mm compacted pitrun
- 150mm compacted AP65

Install temporary Ø225mm culvert in roadside swale

Road closed signage and fencing

Install temporary Ø225mm culvert in roadside swale

Road closed signage and fencing



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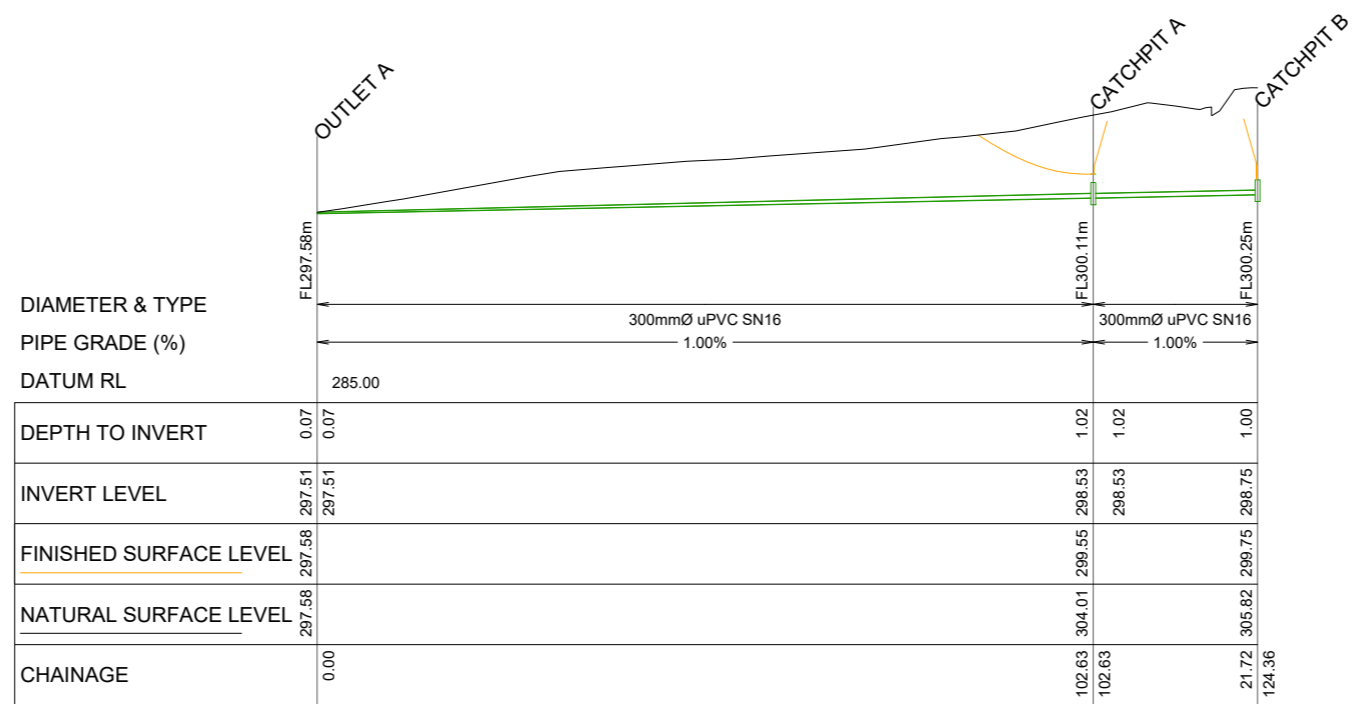
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Engineering Drawings  
 Roding  
 Temporary Haul Road

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SURVEYED						DESIGNED		DATUM & LEVEL	
-						CJ		Lindis Peak 2000	
DRAWN						CHECKED		LEVEL IN TERMS OF Dunedin Vertical Datum 1958	
CJ						VW		ORIGIN: RL=	
APPROVED						DATE		DRAWING REFERENCE	
VW						19/02/2024		P4043	
SHEET						REVISION		A	
E364									



LINE Underpass A

**ENGINEERING ACCEPTANCE**



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Engineering Drawings  
 Stormwater  
 Longsections

PREPARED FOR						SCALE
Glendhu Bay Trustees Limited						1:1000 @ A3
DATUM & LEVEL						
LEVEL IN TERMS OF Dunedin Vertical Datum 1958						
ORIGIN: RL=						
DRAWING REFERENCE						REVISION
P4043						A
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	DATE	SHEET
-	CJ	CJ	VW	VW	19/02/2024	E461