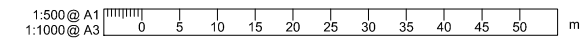
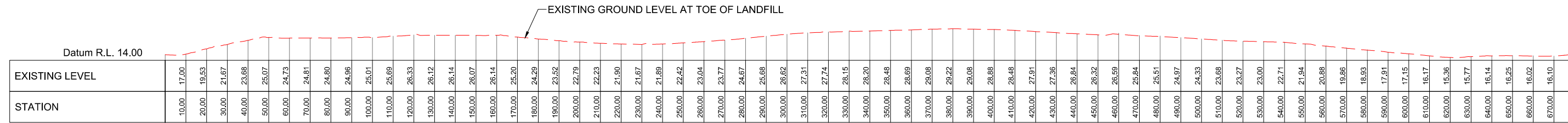


NOTE:  
THIS DRAWING IS TO BE REPRODUCED IN COLOUR

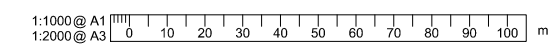
- LEGEND**
- LEACHATE DRAIN
  - LEACHATE PIPE ACCESS MANHOLE
  - EXTENT OF NEW LANDFILL



**PLAN**  
SCALE: 1:500@A1, 1:1000@A3



**PROFILE ALONG TOE OF FILL BATTER**  
SCALE: 1:1000@A1, 1:2000@A3



REVISION	AMENDMENT	APPROVED	DATE
A	PLANS ISSUED TO CLIENT FOR COMMENT	C. FOX	2023-10-17



**wsp**  
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New Zealand

CIVIL

SCALES		ORIGINAL SIZE
A1 1:500	A3 1:1000	A1
DRAWN	DESIGNED	APPROVED
J.L. BOYDE	R.GOLDSMITH	CHRIS FOX
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
CALLUM FEELY	PETER ASKEY	2023-10-17

PRELIMINARY

PROJECT  
**CLUTHA DISTRICT COUNCIL  
KAITANGATA HIGHWAY BALCLUTHA  
MT COOEE LANDFILL DEVELOPMENT**

TITLE  
**LANDFILL EXPANSION  
LEACHATE DRAINAGE LAYOUT PLAN AND TOE OF FILL PROFILE**

WSP PROJECT NO. (SUB-PROJECT)  
6-CO082.00

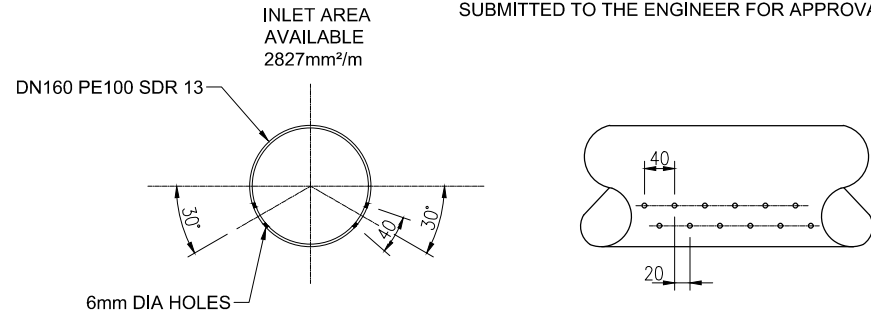
SHEET NO.  
C209

REVISION  
A

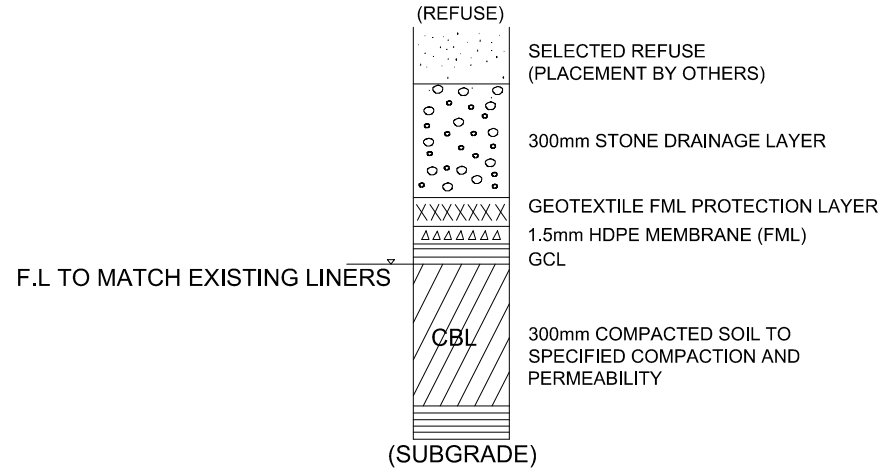


**NOTE**

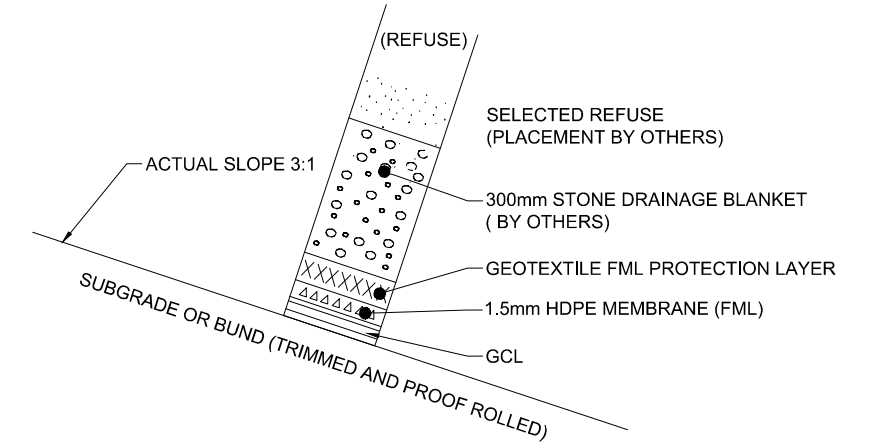
OTHER DRILLING OR SLOTTING CONFIGURATIONS THAT PRODUCE AN INLET AREA OF AT LEAST 2800 mm<sup>2</sup>/m WITHOUT AFFECTING THE STRUCTURAL CAPACITY OF THE PIPE CAN BE SUBMITTED TO THE ENGINEER FOR APPROVAL.



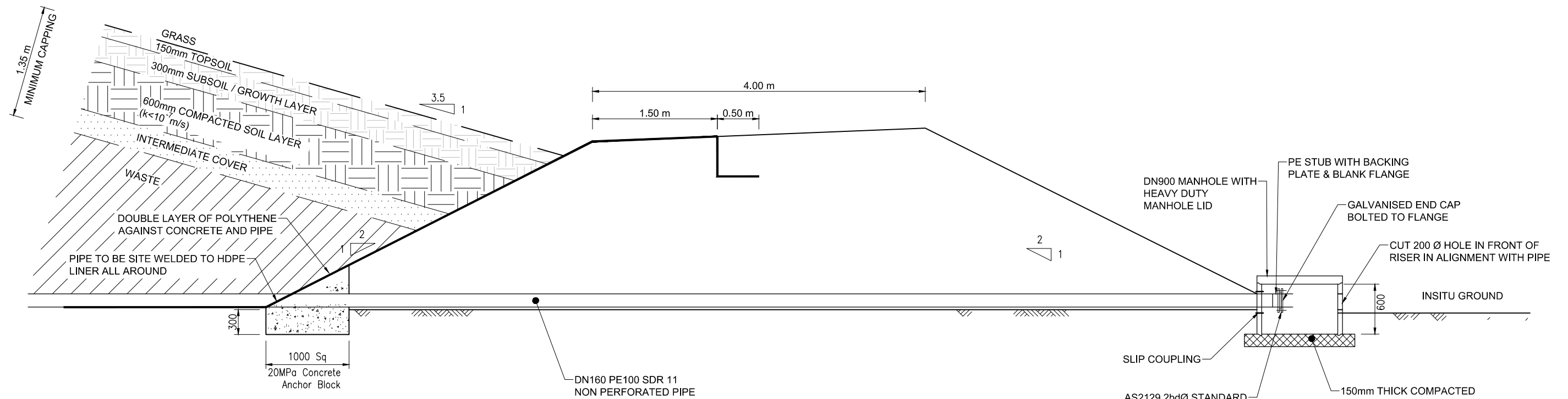
**TYPICAL LEACHATE PIPE DETAIL**  
Scale 1:5 (A1) 1:10 (A3)



**TYPICAL FLOOR DETAIL**  
(N.T.S)



**TYPICAL DETAIL FOR LINER PLACED AGAINST BUND**  
(N.T.S)



**LEACHATE COLLECTOR - UPSTREAM CAPPING**  
SCALE: 1:25 @ A1, 1:50 @ A3

**NOTE:**  
THIS DRAWING IS TO BE REPRODUCED IN COLOUR

REVISION	AMENDMENT	APPROVED	DATE
A	PLANS ISSUED TO CLIENT FOR COMMENT	C. FOX	2023-10-17



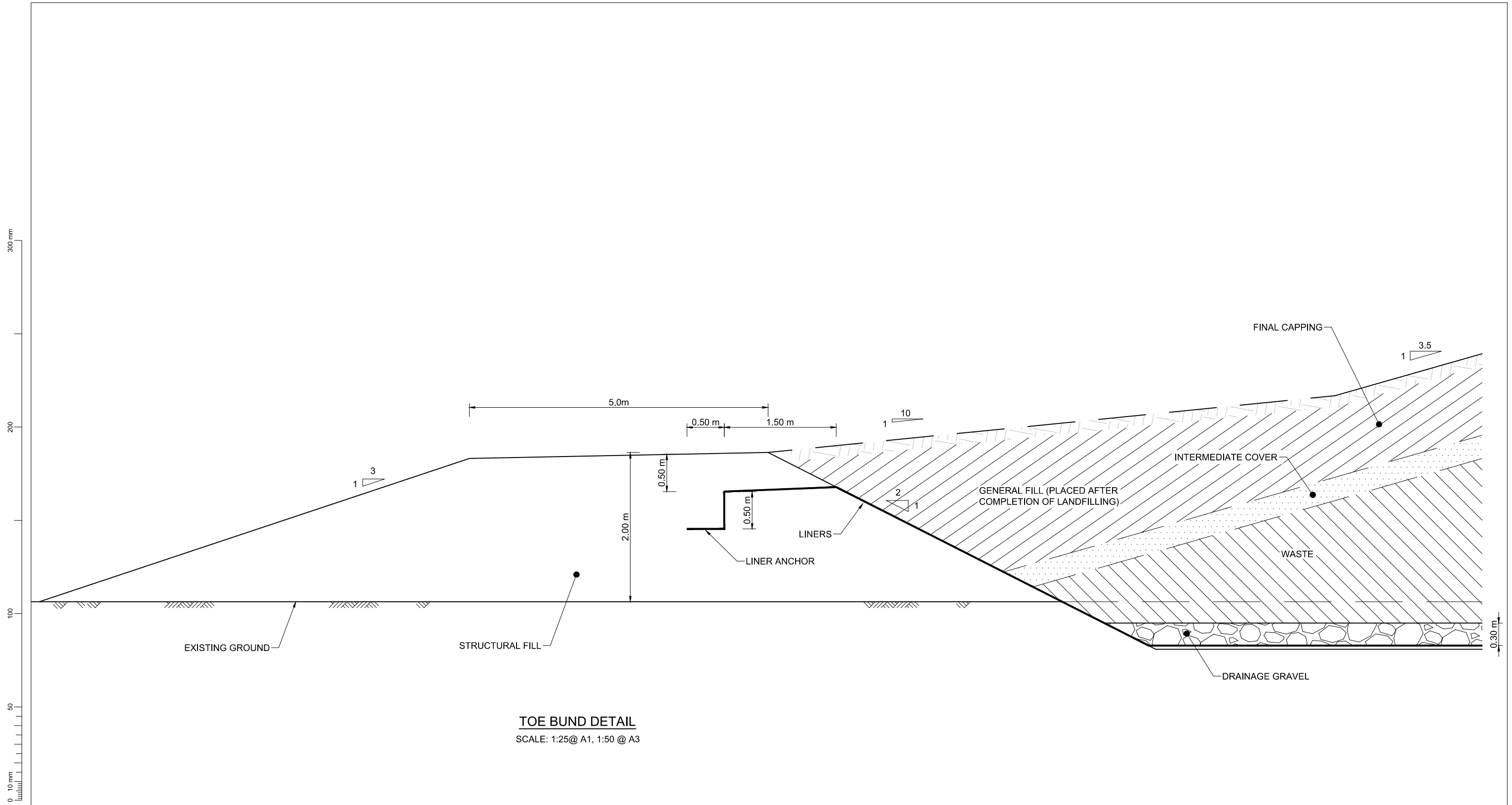
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PO Box 647  
Invercargill 9840  
New Zealand

CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
AS SHOWN	R.GOLDSMITH	CHRIS FOX	A1
DRAWN	DESIGN VERIFIED	APPROVED DATE	
J.L. BOYDE	PETER ASKEY	2023-10-17	
DRAWING VERIFIED			
CALLUM FEELY			

PRELIMINARY

PROJECT	TITLE	WSP PROJECT NO. (SUB-PROJECT)	SHEET NO.	REVISION
CLUTHA DISTRICT COUNCIL KAITANGATA HIGHWAY BALCLUTHA MT COOEE LANDFILL DEVELOPMENT	LANDFILL EXPANSION LEACHATE DETAILS	6-CO082.00	C210	A



**TOE BUND DETAIL**  
SCALE: 1:25@ A1, 1:50 @ A3

**NOTE:**  
THIS DRAWING IS TO BE REPRODUCED IN COLOUR

REVISION	AMENDMENT	APPROVED	DATE
A	PLANS ISSUED TO CLIENT FOR COMMENT	C. FOX	2023-10-17



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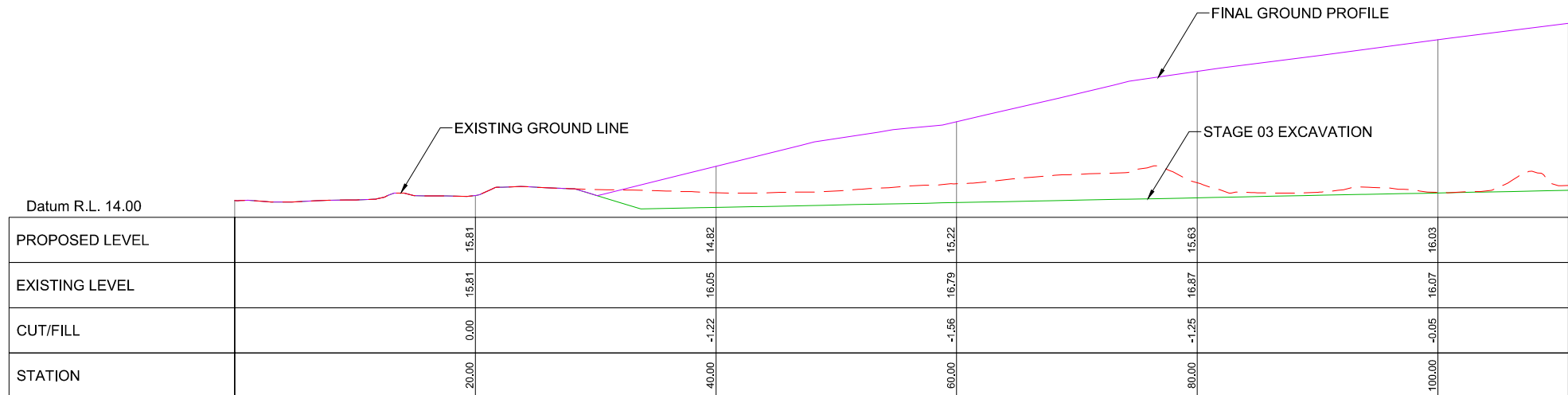
CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
AS SHOWN	R.GOLDSMITH	CHRIS FOX	A1
DRAWN	DESIGN VERIFIED	APPROVED DATE	
J.L. BOYDE	PETER ASKEY	2023-10-17	

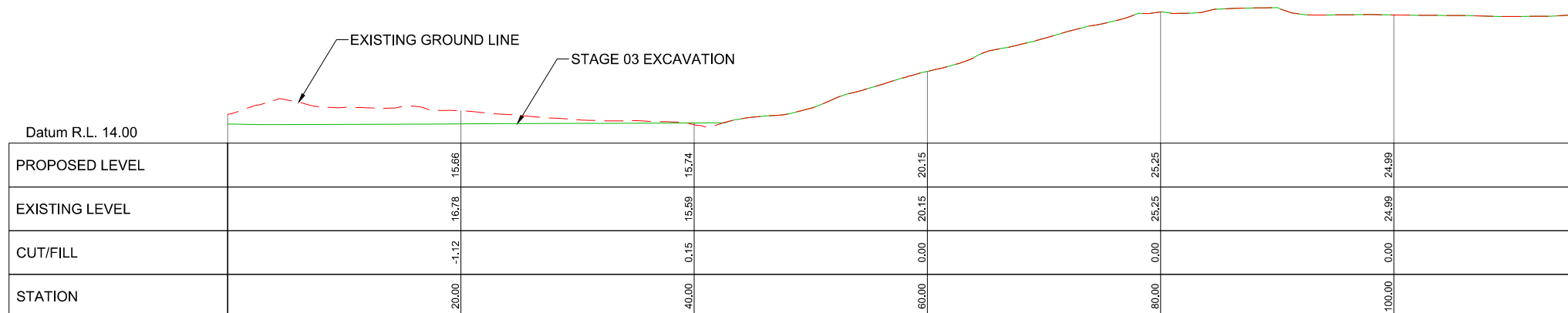
PRELIMINARY

PROJECT	TITLE	SHEET NO.	REVISION
CLUTHA DISTRICT COUNCIL KAITANGATA HIGHWAY BALCLUTHA MT COOEE LANDFILL DEVELOPMENT	LANDFILL EXPANSION TOE BUND DETAIL	C211	A
WSP PROJECT NO. (SUB-PROJECT)	6-CO082.00		

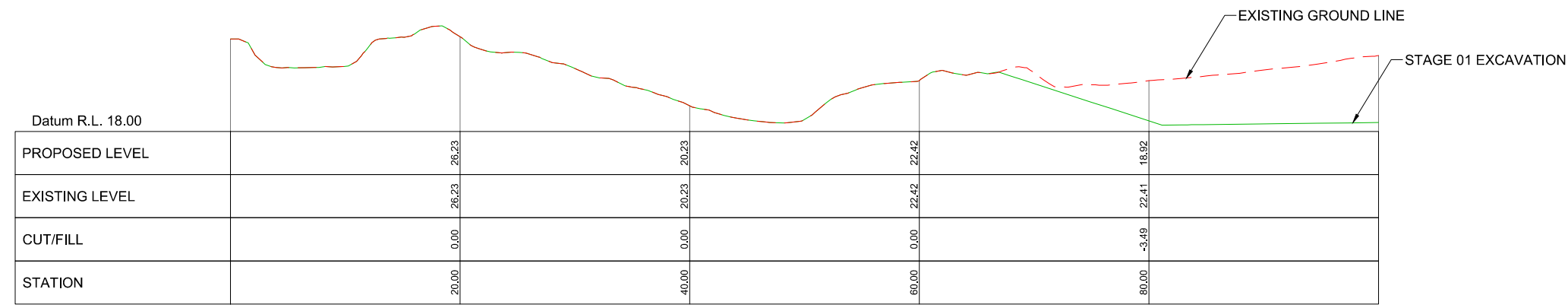
300 mm  
200  
100  
0 10 mm



SECTION 07  
SECTION BETWEEN CH: 0.00 AND 110.83



SECTION 06  
SECTION BETWEEN CH: 0.00 AND 115.00



SECTION 05 (B-B)  
SECTION BETWEEN CH: 0.00 AND 100.00

NOTE:  
THIS DRAWING IS TO BE REPRODUCED IN COLOUR

NOTE:  
GROUND CONDITIONS ARE INDICATIVE  
ONLY AND TO BE CONFIRMED ON SITE.

REVISION	AMENDMENT	APPROVED	DATE
A	PLANS ISSUED TO CLIENT FOR COMMENT	C. FOX	2023-10-17



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CIVIL

SCALES A1 1:250, A3 1:500	ORIGINAL SIZE A1
DRAWN J.L. BOYDE	DESIGNED R.GOLDSMITH
DRAWING VERIFIED CALLUM FEELY	DESIGN VERIFIED PETER ASKEY
APPROVED CHRIS FOX	APPROVED DATE 2023-10-17
<b>PRELIMINARY</b>	

PROJECT CLUTHA DISTRICT COUNCIL KAITANGATA HIGHWAY BALCLUTHA MT COOEE LANDFILL DEVELOPMENT
TITLE LANDFILL EXPANSION SECTIONS 05 (B-B), 06(A-A) AND 07
WSP PROJECT NO. (SUB-PROJECT) 6-CO082.00
SHEET NO. C212
REVISION A