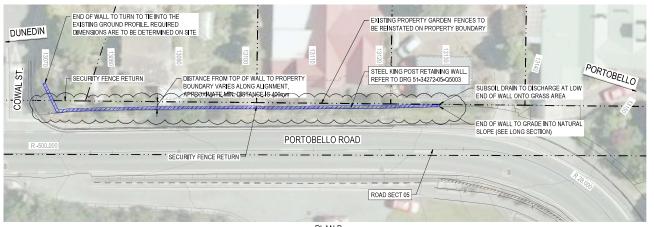


PLAN A SCALE 1:200





PLAN B SCALE 1:200





	Description	Chacked	Annrous	d Doto
1	REVISED DESIGN TENDER ISSUE	GM*	AWh*	10.09.21
2	CONSTRUCTION ISSUE	GM*	AWh*	18.02.22
3	RE-ISSUED FOR CONSTRUCTION	RS*	AWh*	31.03.23

N MACKIE Designer D. MCQUİSTAN Design Check R. STEENKAMP\*









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| Client | DUNEDIN CITY COUNCIL Project PENINSULA CONNECTION

Status CONSTRUCTION

Drawing MSE AND STEEL KING POST RETAINING WALLS SITE PLAN

Status S4

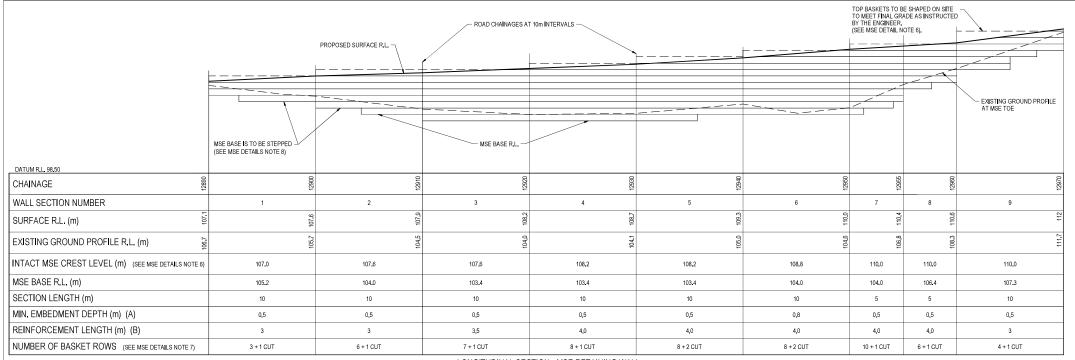
LEGEND:

NOTES:

PROPOSED RETAINING WALL HATCH DENOTES APPROXIMATE WORKING AREA ONLY, SET OUT TO BE DETERMINED ON SITE

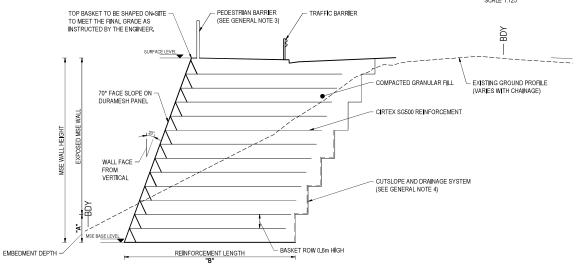
1. THIS DRAWING IS TO BE USED FOR THE PURPOSES OF

RETAINING WALL LOCATION ONLY. IT IS NOT PERMITTED TO BE USED FOR ANY OTHER PURPOSE.



LONGITUDINAL SECTION - MSE RETAINING WALL

SCALE 1:125



NOTES:

## GENERAL

- 1. FOR LOCATION OF WALL, REFER TO DRG 51-34272-05-Q5001.
- FOR GENERAL CONSTRUCTION NOTES, REFER TO DRG 51-34272-05-Q5000.
- FOR PEDESTRIAN BARRIER DETAILS, REFER TO DRG DETAILS 51-34272-05-Q5005.
- FOR TEMPORARY CUT SLOPE, AND DRAINAGE DETAILS, REFER TO DRG DETAILS 51-34272-05-Q5005.
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- MSE DIMENSIONS VARY ALONG THE LONG SECTION ACCORDING TO SITE CONDITIONS. THESE DIMENSIONS ARE TO BE READ IN CONJUNCTION WITH THE TYPICAL CROSS SECTION.

- MSE STRUCTURE IS TO BE CONSTRUCTED FROM CIRTEX DURAMESH OR A SIMILAR APPROVED PRODUCT.
- 2. FOR DETAILS OF DURAMESH BASKETS, REFER TO DRGS 51-34272-05-Q5005.

- 3. FACING BASKETS ARE 600mm HIGH.
- THE FACE ANGLE OF THE MSE STRUCTURE SHALL BE 20 DEGREES FROM THE VERTICAL. CIRTEX SG500 REINFORCING LAYERS TO BE LAID AT A RATE OF 1 LAYER PER DURAMESH BASKET VERTICALLY. THE LENGTH OF REINFORCEMENT IS
- LONG SECTION MSE CREST LEVEL REFERS TO INTACT BASKETS, ACTUAL CREST LEVEL WILL VARY TO MEET THE REQUIRED SURFACE LEVEL BY SHAPING OF A FINAL BASKET.

DEPENDENT ON THE MSE SECTIONS AS PER THE

- 7. NUMBER OF BASKET ROWS REFERS TO TOTAL NUMBER OF INTACT ROWS PLUS THE TOP LAYER WHICH WILL BE 'CUT' TO ACHIEVE THE DESIRED SLOPING PROFILE ALONG THE ROAD.
- MSE BASE TO BE STEPPED ALONG THE CHAINAGE WITH A MINIMUM EMBEDMENT DEPTH OF 0.5m.
- FORMATION COMPETENCE TO CONFORM TO TESTING AND COMPETENCE REQUIREMENTS IN THE SPECIFICATION.

Status S4





Size A1

	Description	Checked	Approved Date
	REVISED DESIGN TENDER ISSUE	GM*	AWh* 10.09.2
2	CONSTRUCTION ISSUE	GM*	AWh* 18.02.2
3	RE-ISSUED FOR CONSTRUCTION	RS*	AWh* 31.03.2

N MACKIE Designer D. MCQUISTAN Design Check R. STEENKAMP



TYPICAL MSE WALL RETAINING WALL CROSS SECTION SCALE 1:50







51-34272

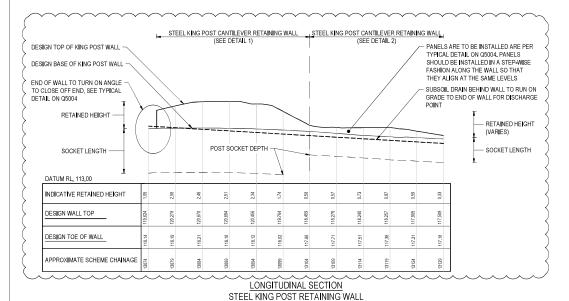
PENINSULA CONNECTION

Status CONSTRUCTION

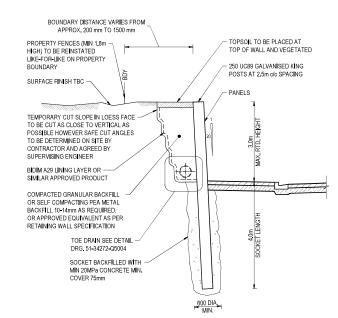
Client DUNEDIN CITY COUNCIL

Drawing SANDPIPERS MSE WALL LONG SECTION AND TYPICAL CROSS SECTION

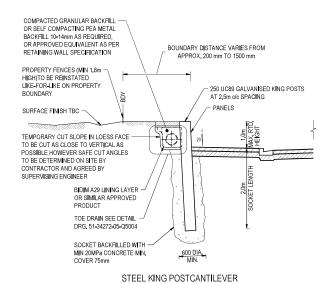
- 1. FOR LOCATION OF WALLS. REFER TO DRG 51-34272-Q5001.
- FOR GENERAL CONSTRUCTION NOTES, REFER TO DRG 51-34272-Q5000.



SCALE: HORZ, 1:250, VERT, 1:125



## STEEL KING POSTCANTILEVER RETAINING WALL - DETAIL 1 NOT TO SCALE

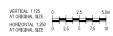


	Description	Checked	Approved	Date
- 1	REVISED DESIGN TENDER ISSUE	GM*	AWh*	10.09.21
2	CONSTRUCTION ISSUE	GM*	AWh*	18.02.22
3	RE-ISSUED FOR CONSTRUCTION	RS*	AWh*	31.03.23

Plotted by: Nicki Mackie

Author N MACKIE Drafting Check G DOLIGHERTY Designer D. MCQUISTAN Design Check R. STEENKAMP\*

Plot Date: 31 March 2023 - 4:56 pm









51-34272



Status CONSTRUCTION

Client DUNEDIN CITY COUNCIL PENINSULA CONNECTION

RETAINING WALL - DETAIL 2

Status S4

Drawing COWAL STREET STEEL KING POST Title LONG SECTION AND TYPICAL CROSS SECTION

WORKS ON HOLD

