

FORMER CRIB POINT LANDFILL REHABILITATION DESIGN



LOCALITY PLAN

DRAWING INDEX

DRAWING No.	DRAWING TITLE
001	LOCALITY PLAN, DRAWING INDEX AND GENERAL NOTES
002	EXISTING CONDITIONS
003	EXTENT OF REPAIRS
004	CLAY LINER REPAIRS
005	LOW POINT REPAIRS
006	WALKING TRACK LAYOUT AND PERMANENT SURVEY MARKER LOCATIONS
007	SECTIONS AND DETAILS - SHEET 1 OF 3
008	SECTIONS AND DETAILS - SHEET 2 OF 3
009	SECTIONS AND DETAILS - SHEET 3 OF 3

NOTES:

1.

ALL ELEVATIONS ARE EXPRESSED IN METRES AND TO AUSTRALIAN HEIGHT DATUM (AHD), COORDINATE GRID IS MAP GRID OF AUSTRALIA ZONE 55, USING GDA94 DATUM.
2.

DO NOT SCALE OFF DRAWINGS.
3.

DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
4.

ALL DIMENSIONS, SETOUT AND LEVELS TO BE CHECKED ONSITE PRIOR TO THE COMMENCEMENT OF ANY WORK AND ANY DISCREPANCIES TO BE REPORTED TO THE SUPERINTENDENT.
5.

DRAWINGS BASED ON:

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SITE SURVEY PERFORMED BY LANDAIR ON 7-8/03/2024: "2240239-DETAIL.dwg"

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SITE BOUNDARY AND CAP RECTIFICATION EXTENTS BASED ON 'TONKIN & TAYLOR CRIB POINT FORMER LANDFILL - CAP REMEDIATION WORK PLAN' DRAWINGS 1091185.1000-F01 TO F03.

•

TITLE BOUNDARIES FROM VICMAP SPATIAL DATA SHARE. FILE: VMPROP_V_PARCEL_MP.dwg

•

AERIAL PHOTO FROM NEARMAP DATED 27.02.2024

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APPROXIMATE EXTENT OF WASTE BASED ON 'FORMER CRIB POINT LANDFILL, JUNE 2023 ASSESSMENT OF AREAS OF POOLING - FIGURE 2' PREPARED BY MEINHARDT, DOCUMENT REF: 119960-L-16-Rev0, DATED 16 JUNE 2023.

NOT FOR CONSTRUCTION
ISSUED FOR TENDER

Z:\AutoCAD\Jobs\241011 - mpsc: cap design: crib point landfill\2_drawing\241011-001.dwg (ISO full bleed A3 (297.00 x 420.00 MM)) Plot Scale: 1:1000 Date: 26.09.2024 9:44:00 AM

Rev	Drawn By	Approved By	Date	REVISION RECORD
D	S. LOUND	J. MACKENZIE	26.09.2024	ISSUED FOR TENDER
C	S. LOUND	J. MACKENZIE	30.07.2024	ISSUED FOR APPROVAL
B	A. OLIVER	J. MACKENZIE	30.05.2024	ISSUED FOR APPROVAL
A	S. LOUND	J. MACKENZIE	16.04.2024	DRAFT

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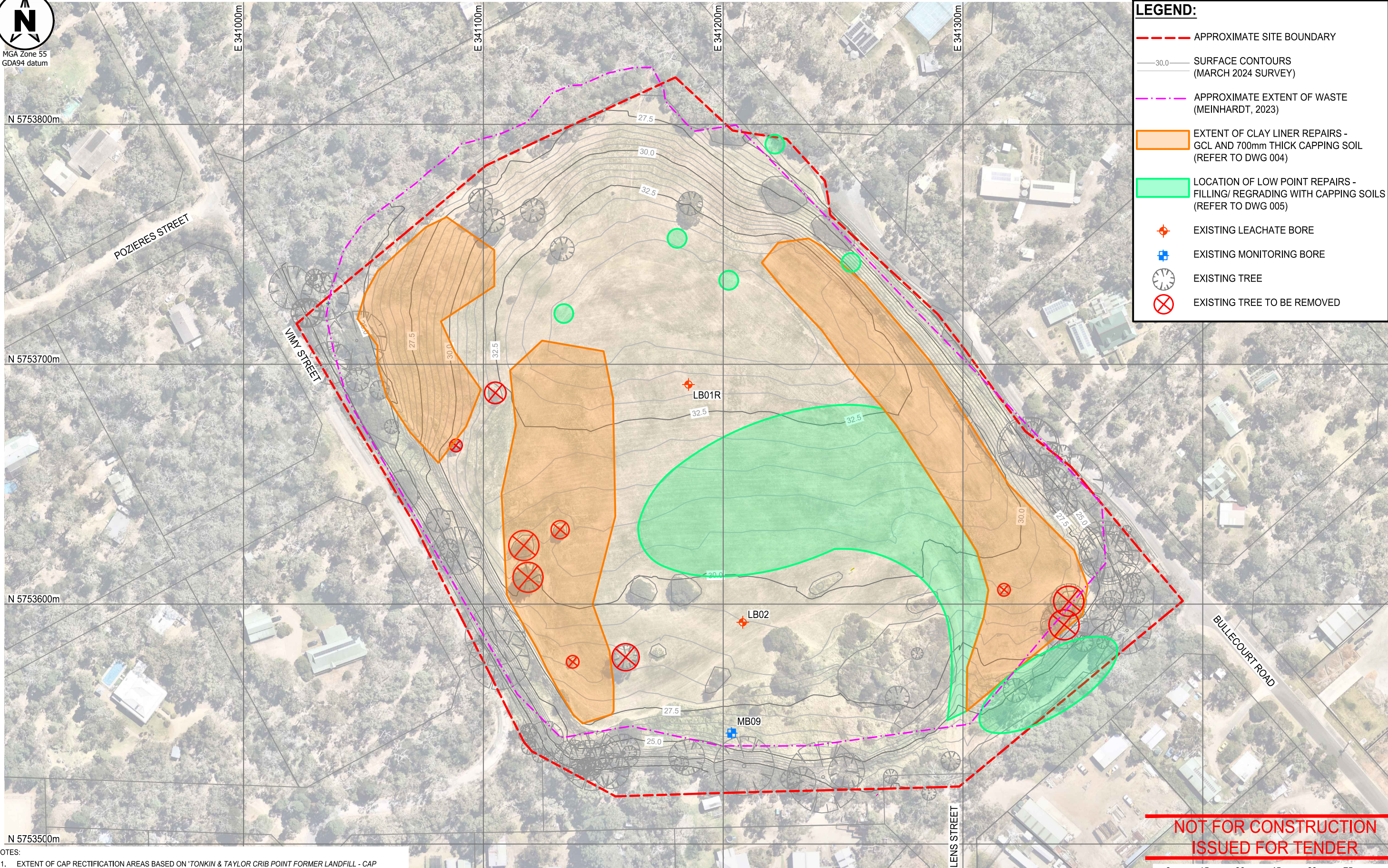
CIVIL AND ENVIRONMENTAL ENGINEERING

Address: 12/79-83 High Street South, Kew Vic 3101

Phone: (03) 9006 0125

Website: www.mackenzieenvironmental.com.au

Job Number: 241011	A3	Client MORNINGTON PENINSULA SHIRE COUNCIL	Project Title: FORMER CRIB POINT LANDFILL REHABILITATION DESIGN	Drawing Title: LOCALITY PLAN, DRAWING INDEX AND GENERAL NOTES
CAD File Number: 241011-001				
Drawing Number: 001	Rev D			
Status FOR TENDER	Scale			



LEGEND:

APPROXIMATE SITE BOUNDARY

30.0

SURFACE CONTOURS
(MARCH 2024 SURVEY)

APPROXIMATE EXTENT OF WASTE
(MEINHARDT, 2023)

EXTENT OF CLAY LINER REPAIRS -
GCL AND 700mm THICK CAPPING SOIL
(REFER TO DWG 004)

LOCATION OF LOW POINT REPAIRS -
FILLING/ REGRADING WITH CAPPING SOILS
(REFER TO DWG 005)

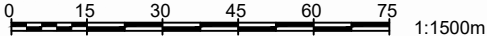
EXISTING LEACHATE BORE

EXISTING MONITORING BORE

EXISTING TREE

EXISTING TREE TO BE REMOVED

NOT FOR CONSTRUCTION
ISSUED FOR TENDER



NOTES:
1. EXTENT OF CAP RECTIFICATION AREAS BASED ON 'TONKIN & TAYLOR CRIB POINT FORMER LANDFILL - CAP
REMEDATION WORK PLAN' DRAWINGS 1091185.1000-F01 TO F03.

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D	S. LOUND	J. MACKENZIE	26.09.2024	ISSUED FOR TENDER
C	S. LOUND	J. MACKENZIE	30.07.2024	ISSUED FOR APPROVAL
B	A. OLIVER	J. MACKENZIE	30.05.2024	ISSUED FOR APPROVAL
A	S. LOUND	J. MACKENZIE	16.04.2024	DRAFT

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Job Number:
241011

CAD File Number:
241011-003

Drawing Number:
003

Status:
FOR TENDER

A3

Rev
D

Client
MORNINGTON
PENINSULA
SHIRE COUNCIL

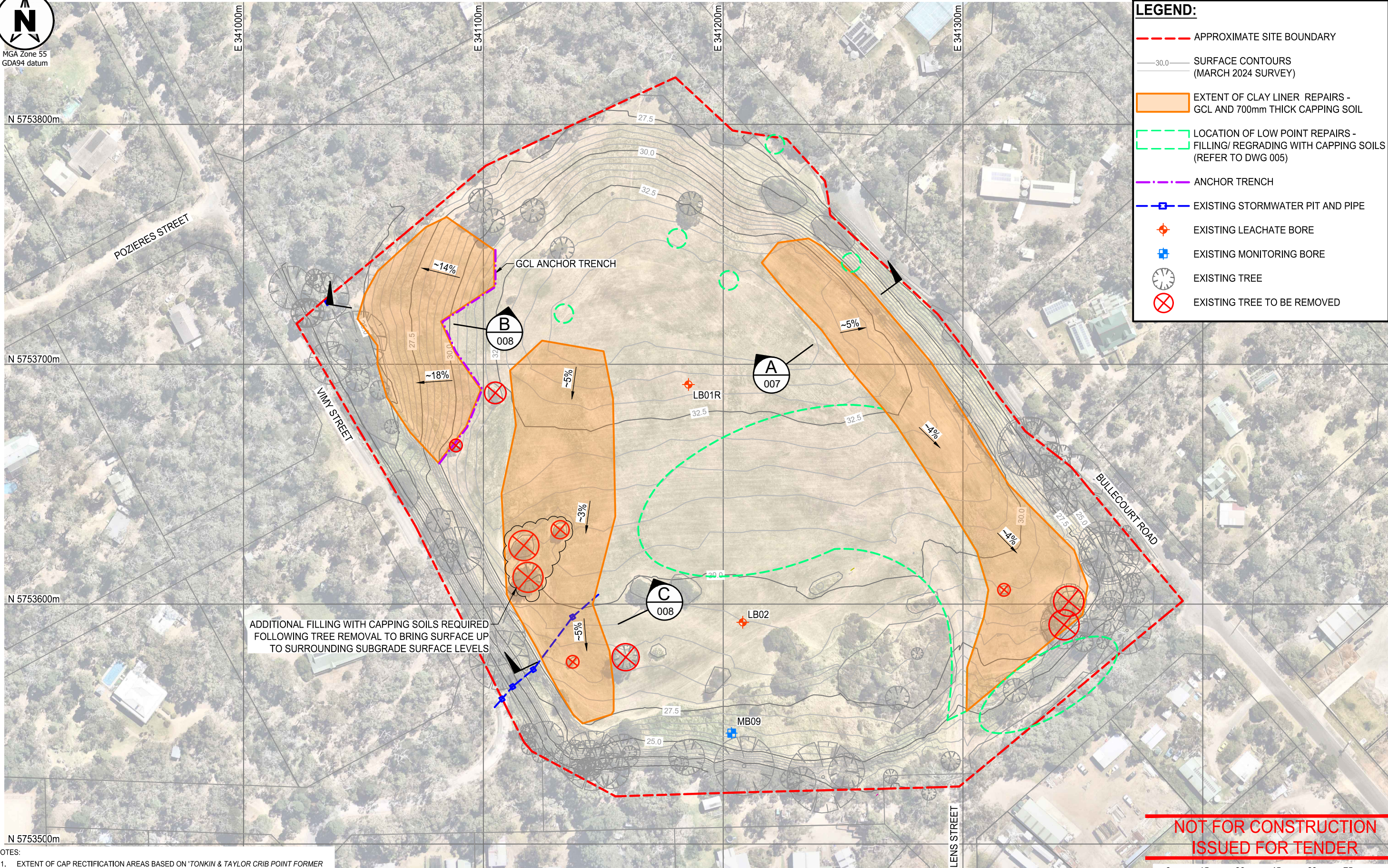
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Project Title:
FORMER CRIB POINT LANDFILL
REHABILITATION DESIGN

Drawing Title:
EXTENT OF REPAIRS

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This drawing is subject to COPYRIGHT.



LEGEND:

- APPROXIMATE SITE BOUNDARY
- 30.0 SURFACE CONTOURS (MARCH 2024 SURVEY)
- EXTENT OF CLAY LINER REPAIRS - GCL AND 700mm THICK CAPPING SOIL
- LOCATION OF LOW POINT REPAIRS - FILLING/ REGRADING WITH CAPPING SOILS (REFER TO DWG 005)
- ANCHOR TRENCH
- EXISTING STORMWATER PIT AND PIPE
- EXISTING LEACHATE BORE
- EXISTING MONITORING BORE
- EXISTING TREE
- EXISTING TREE TO BE REMOVED

NOTES:
1. EXTENT OF CAP RECTIFICATION AREAS BASED ON 'TONKIN & TAYLOR CRIB POINT FORMER LANDFILL - CAP REMEDIATION WORK PLAN' DRAWINGS 1091185.1000-F01 TO F03.

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B	A. OLIVER	J. MACKENZIE	30.05.2024	ISSUED FOR APPROVAL
A	S. LOUND	J. MACKENZIE	16.04.2024	DRAFT



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Job Number:
241011

CAD File Number:
241011-004

Drawing Number:
004

Status:
FOR TENDER

A3

Rev
D

Client
**MORNINGTON
PENINSULA
SHIRE COUNCIL**

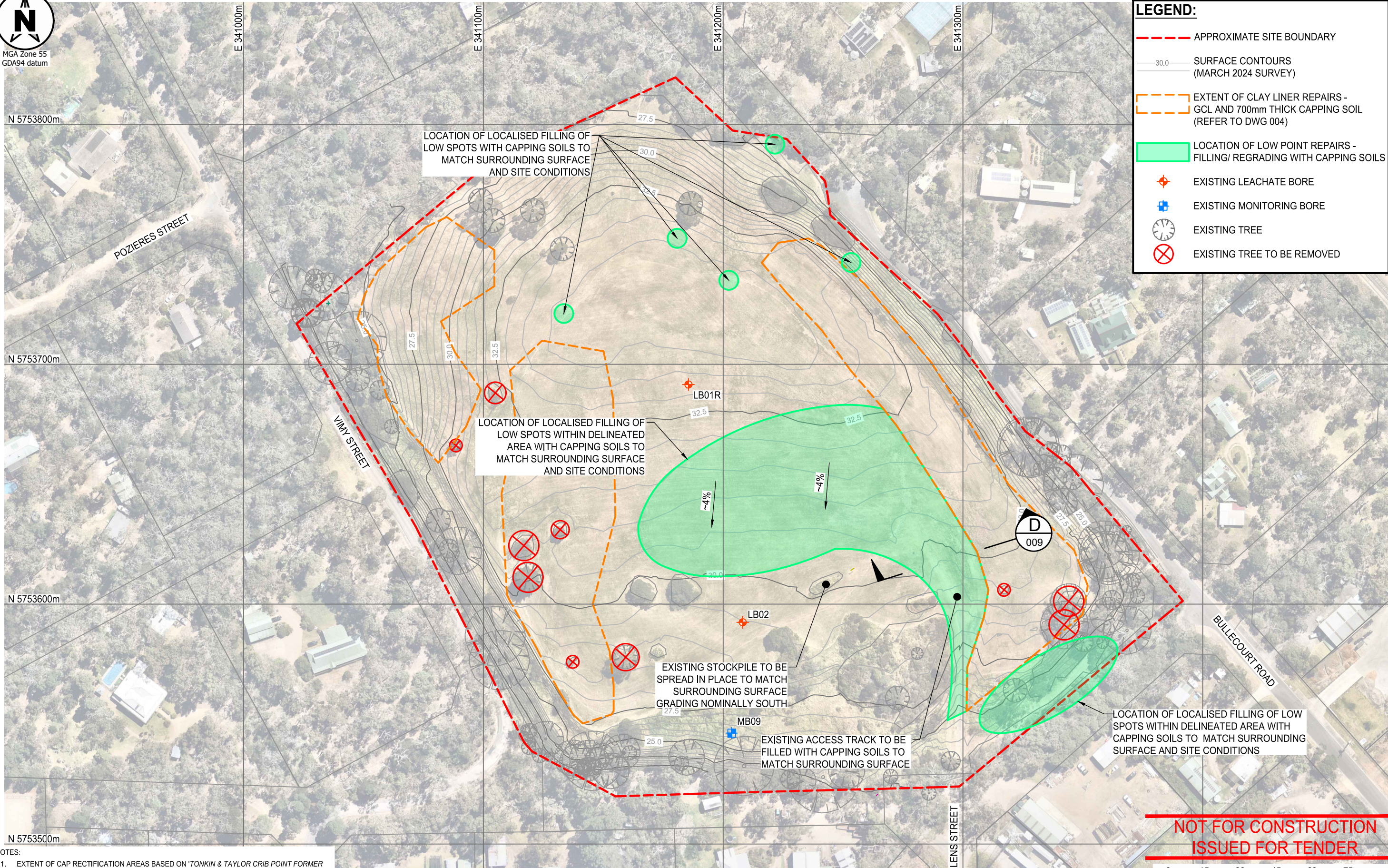
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1:1500

Project Title:
**FORMER CRIB POINT LANDFILL
REHABILITATION DESIGN**

Drawing Title:
CLAY LINER REPAIRS

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NOTES:
1. EXTENT OF CAP RECTIFICATION AREAS BASED ON 'TONKIN & TAYLOR CRIB POINT FORMER LANDFILL - CAP REMEDIATION WORK PLAN' DRAWINGS 1091185.1000-F01 TO F03.

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Job Number:
241011

CAD File Number:
241011-005

Drawing Number:
005

Status:
FOR TENDER

A3

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Rev
D

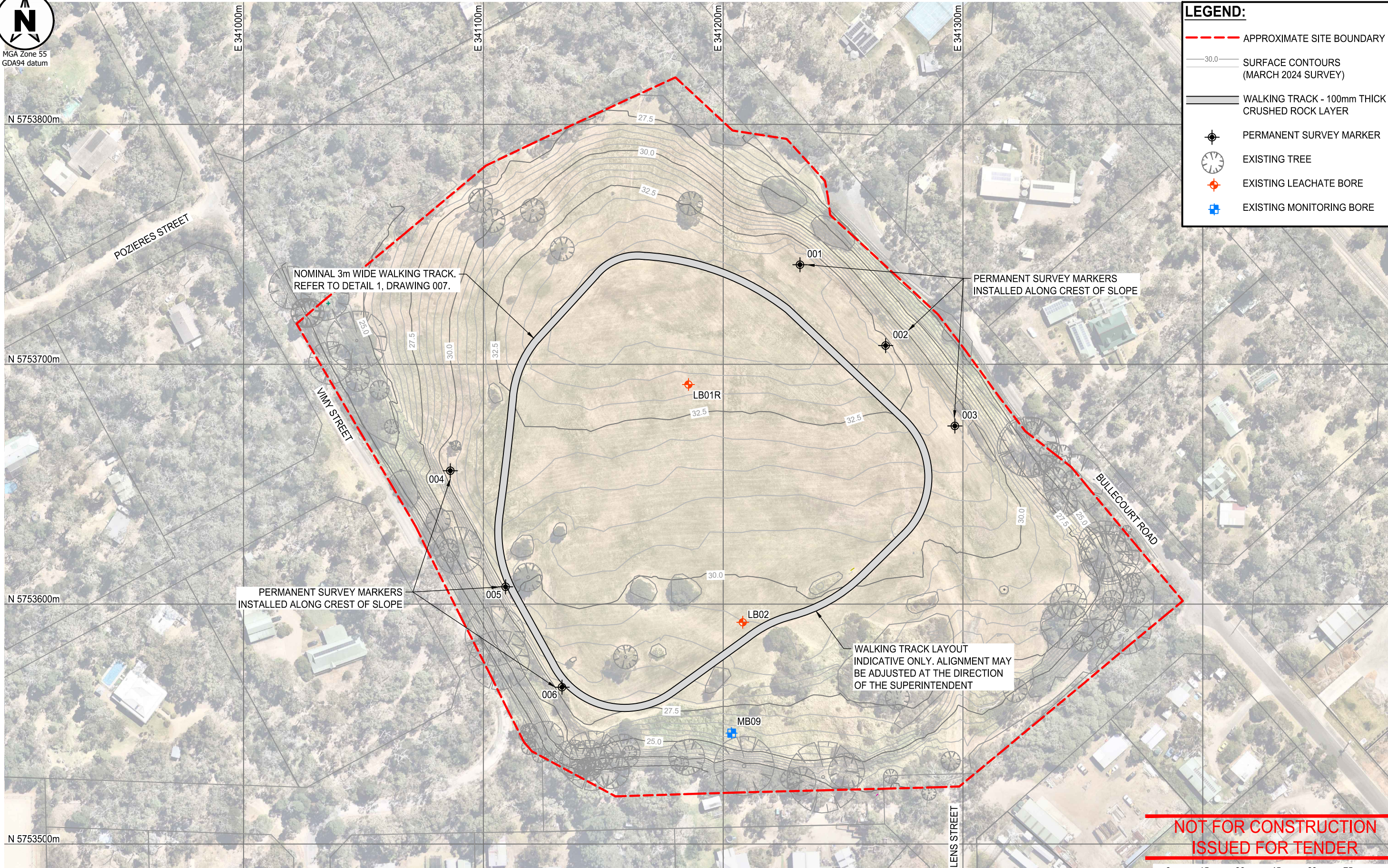
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1:1500

Project Title:
FORMER CRIB POINT LANDFILL
REHABILITATION DESIGN

Drawing Title:
LOW POINT REPAIRS

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LEGEND:

- APPROXIMATE SITE BOUNDARY
- 30.0 SURFACE CONTOURS (MARCH 2024 SURVEY)
- WALKING TRACK - 100mm THICK CRUSHED ROCK LAYER
- PERMANENT SURVEY MARKER
- EXISTING TREE
- EXISTING LEACHATE BORE
- EXISTING MONITORING BORE

NOT FOR CONSTRUCTION
ISSUED FOR TENDER

0 15 30 45 60 75 1:1500m

z:\AutoCAD\jobs\241011 - mpsc - cap design - crib point landfill\2 drawings\241011-006.dwg (ISO full bleed A3 (297.00 x 420.00 mm) Plot Scale 1:1000 Date 26.09.2024 9:45:49 AM

Rev	Drawn By	Approved By	Date	REVISION RECORD
D	S. LOUND	J. MACKENZIE	26.09.2024	ISSUED FOR TENDER
C	S. LOUND	J. MACKENZIE	30.07.2024	ISSUED FOR APPROVAL
B	A. OLIVER	J. MACKENZIE	30.05.2024	ISSUED FOR APPROVAL
A	S. LOUND	J. MACKENZIE	16.04.2024	DRAFT



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Job Number:
241011

CAD File Number:
241011-006

Drawing Number:
006

Status:
FOR TENDER

A3

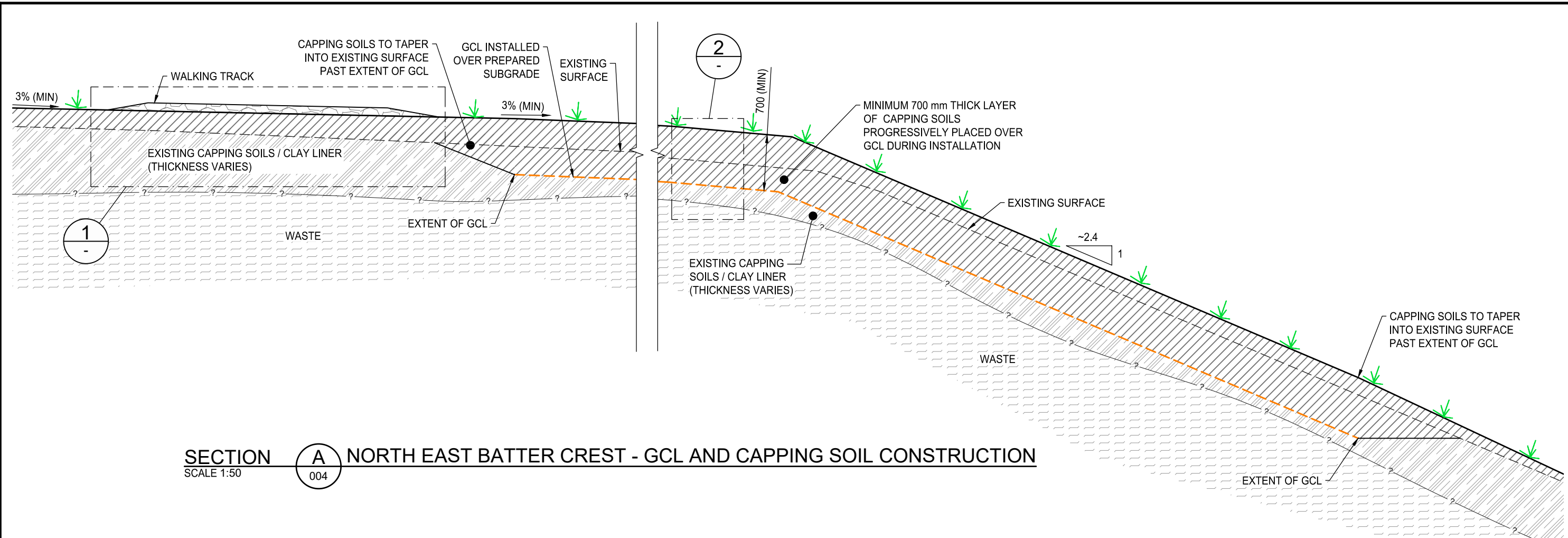
Rev
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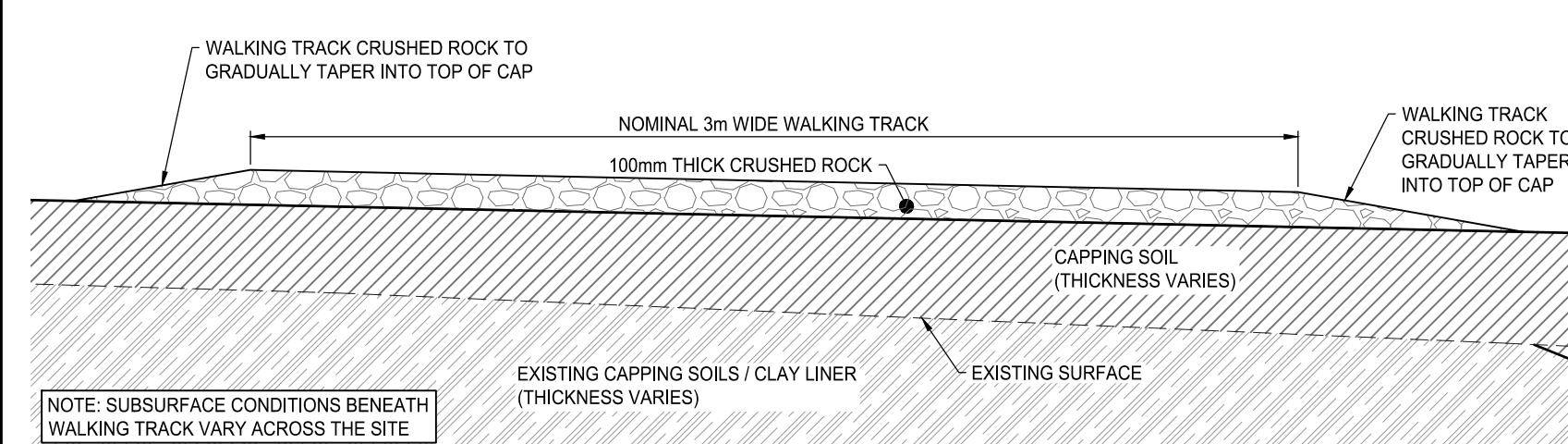
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Project Title:
FORMER CRIB POINT LANDFILL
REHABILITATION DESIGN

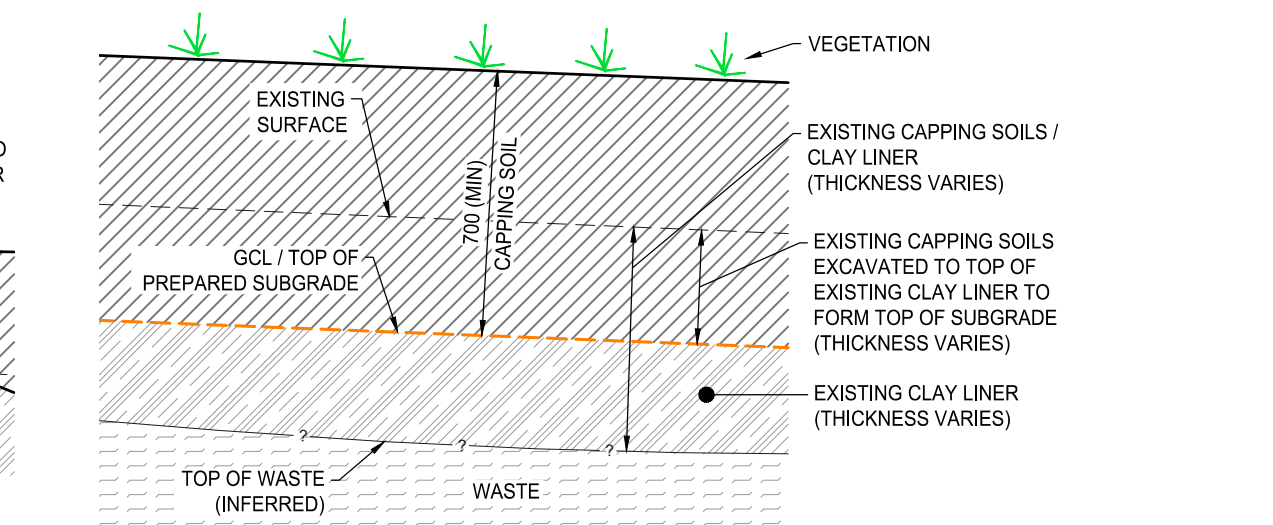
Drawing Title:
WALKING TRACK LAYOUT AND
PERMANENT SURVEY MARKER
LOCATIONS



SECTION A NORTH EAST BATTER CREST - GCL AND CAPPING SOIL CONSTRUCTION
SCALE 1:50

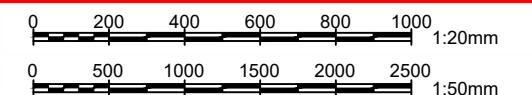


DETAIL 1 TYPICAL PROFILE - WALKING TRACK
SCALE 1:20



DETAIL 2 TYPICAL PROFILE - GCL OVER EXISTING CLAY LINER
SCALE 1:20

NOT FOR CONSTRUCTION
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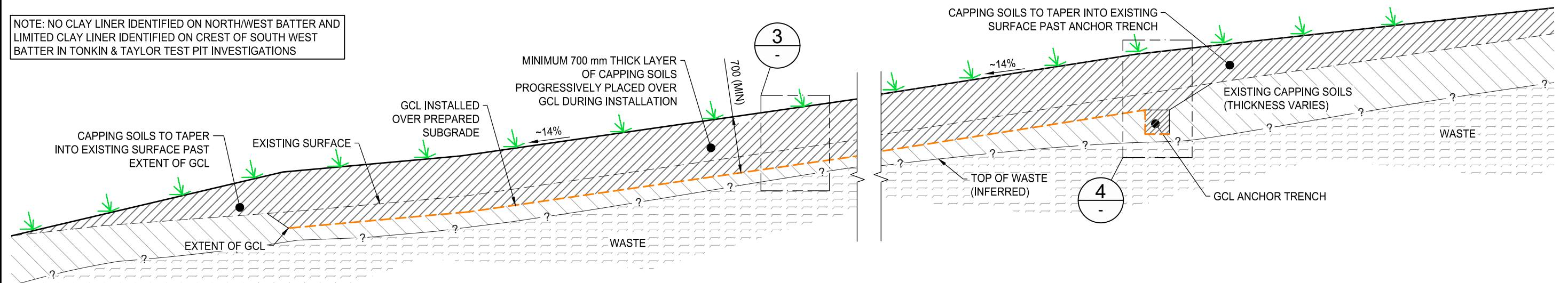
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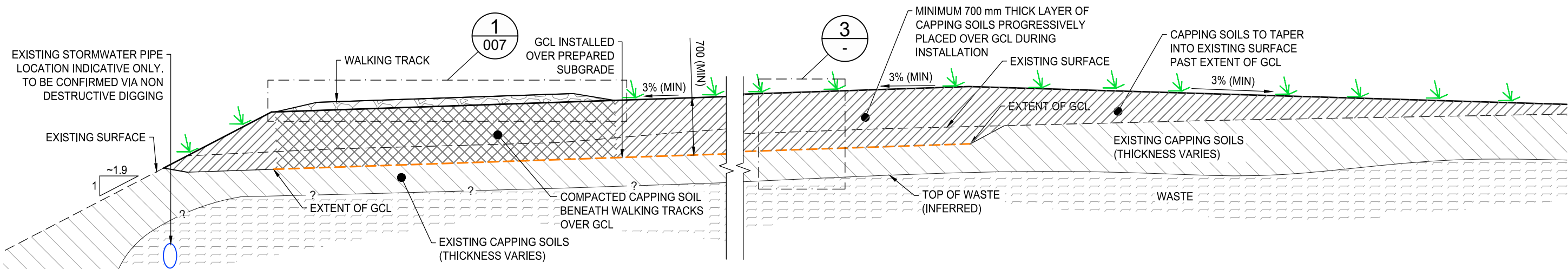
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Job Number: 241011	A3	Client MORNINGTON PENINSULA SHIRE COUNCIL	Project Title: FORMER CRIB POINT LANDFILL REHABILITATION DESIGN	Drawing Title: SECTIONS AND DETAILS SHEET 1 OF 3
CAD File Number: 241011-007-009				
Drawing Number: 007	Rev D			
Status FOR TENDER	Scale AS SHOWN			

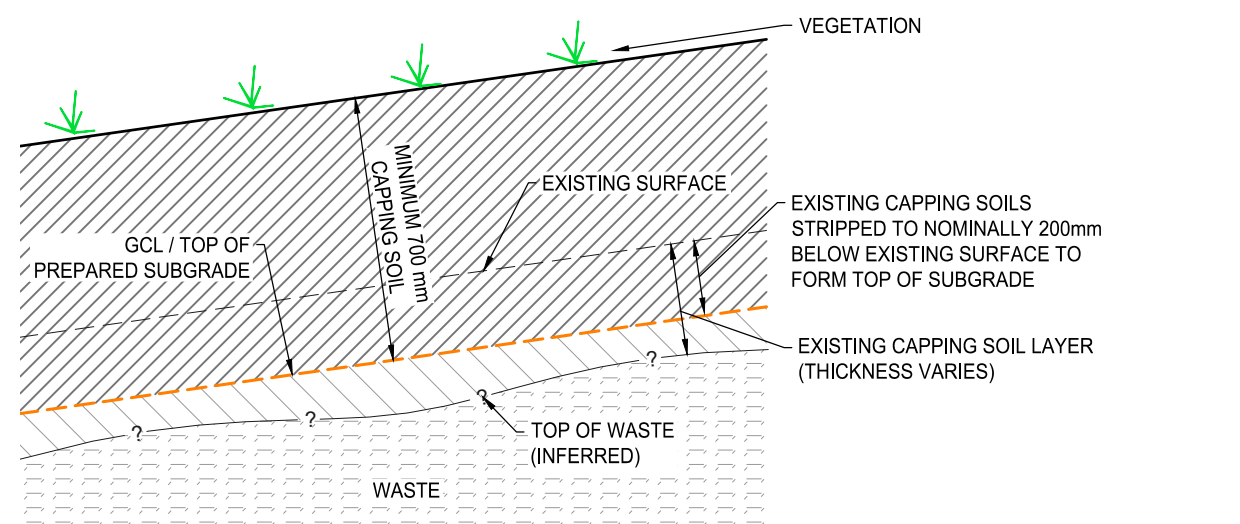
NOTE: NO CLAY LINER IDENTIFIED ON NORTH/WEST BATTER AND LIMITED CLAY LINER IDENTIFIED ON CREST OF SOUTH WEST BATTER IN TONKIN & TAYLOR TEST PIT INVESTIGATIONS



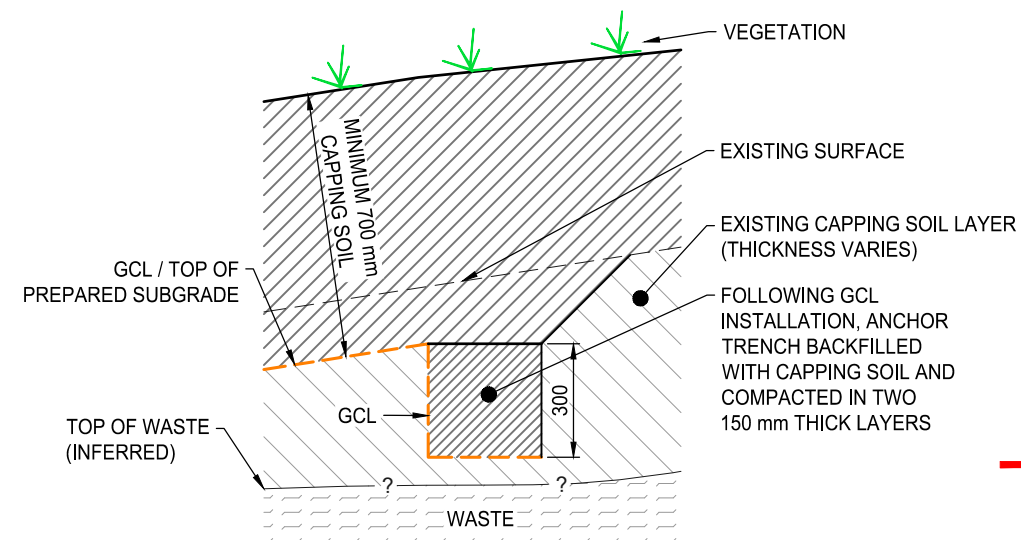
SECTION B NORTH WEST BATTER - GCL AND CAPPING SOIL CONSTRUCTION
SCALE 1:50



SECTION C SOUTH WEST BATTER CREST - GCL AND CAPPING SOIL CONSTRUCTION
SCALE 1:50

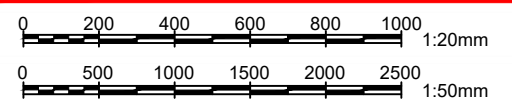


DETAIL 3 TYPICAL PROFILE - GCL OVER STRIPPED CAPPING SOIL
SCALE 1:20



DETAIL 4 TYPICAL ANCHOR TRENCH
SCALE 1:20

NOT FOR CONSTRUCTION
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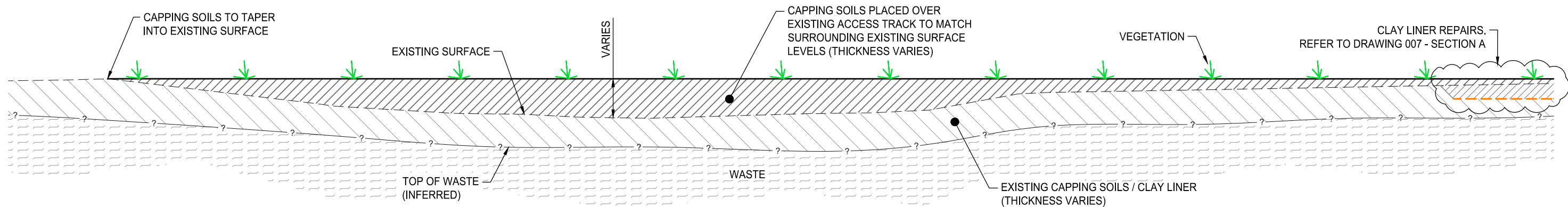


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B	A. OLIVER	J. MACKENZIE	30.05.2024	ISSUED FOR APPROVAL
A	S. LOUND	J. MACKENZIE	16.04.2024	DRAFT

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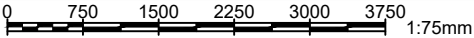
Job Number: 241011	A3	Client MORNINGTON PENINSULA SHIRE COUNCIL	Project Title: FORMER CRIB POINT LANDFILL REHABILITATION DESIGN	Drawing Title: SECTIONS AND DETAILS SHEET 2 OF 3
CAD File Number: 241011-007-009				
Drawing Number: 008	Rev D			
Status FOR TENDER	Scale AS SHOWN			

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SECTION D EXISTING ACCESS TRACK - CAPPING SOIL FILL
SCALE 1:75 005

NOT FOR CONSTRUCTION
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D	S. LOUND	J. MACKENZIE	26.09.2024	ISSUED FOR TENDER
C	S. LOUND	J. MACKENZIE	30.07.2024	ISSUED FOR APPROVAL
B	A. OLIVER	J. MACKENZIE	30.05.2024	ISSUED FOR APPROVAL
A	S. LOUND	J. MACKENZIE	16.04.2024	DRAFT

M

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Job Number:	241011	A3	
CAD File Number:	241011-007-009		
Drawing Number:	009		
Status	FOR TENDER	Rev	D

Client	MORNINGTON PENINSULA SHIRE COUNCIL
Scale	AS SHOWN

Project Title:	FORMER CRIB POINT LANDFILL REHABILITATION DESIGN
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Drawing Title:	SECTIONS AND DETAILS SHEET 3 OF 3
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