FINAL

Cell 3 Base Preparation Construction Summary/As-Built Report

Mary River Landfill
Mary River, Nunavut

Prepared for:

Baffinland Iron Mines Corporation
360 Oakville Place Drive, Suite 300
Oakville, Ontario L6H 6K8

September 29, 2026

Pinchin File: 353700.003

© 2026 Pinchin Ltd.

Issued to:	**Baffinland Iron Mines Corporation**
Issued on:	**September 29, 2026**
Pinchin File:	**353700.003**
Issuing Office:	**Sudbury, ON**
Primary Pinchin Contact:	**Alana Valle, P.Eng.** **Project Manager** **705.521.0560** **avalle@pinchin.com**



Author: Olivia King, B.Sc.
Project Technologist



Reviewer: Alana Valle, P.Eng.
Project Manager



Reviewer: Tim McBride, B.Sc., P.Geo., QP$_{ESA}$
Practice Specialist – Hydrogeology
Director, Northern Ontario



Reviewer: Byron O'Connor, P.Eng., QP$_{ESA}$
Vice President, Mining

© 2026 Pinchin Ltd.

TABLE OF CONTENTS

1.0 INTRODUCTION 1
1.1 Site Description 1
1.2 Pre-Existing Topography 2
1.3 Construction Permits & Approvals 2
2.0 CONSTRUCTION ACTIVITIES & MATERIALS 3
2.1 Site Preparation 3
2.2 Final Contours and Grading 3
2.3 Sediment and Erosion Control 4
2.4 Adaptive Management 4
2.5 Construction Site Access 5
2.6 Geotechnical Monitoring 5
2.7 Hauling Materials 5
2.8 Stockpiling Materials 5
3.0 DEFICIENCIES & CORRECTIVE ACTIONS 5
4.0 TERMS AND LIMITATIONS 6

© 2026 Pinchin Ltd.

APPENDICES

APPENDIX I	Figures
APPENDIX II	Construction Permits & Approvals
APPENDIX III	Photographic Log

FIGURES

Figure 1	Key Map
Figure 2	Pre-Construction Base Contours
Figure 3	Final Base Contours

TABLES

Table 1	Summary of Construction Activities at the Site

© 2026 Pinchin Ltd.

1.0 INTRODUCTION

Pinchin Ltd. (Pinchin) was retained by the Baffinland Iron Mines Corporation (Baffinland) to prepare this As-Built Summary Report for the Cell 3 Base Preparation in relation to the progressive development of the Mary River Landfill Site on Baffin Island, Nunavut (the Site) in general accordance with the Issue For Construction (IFC) Drawings for the Site. This As-Built Summary Report has been compiled by Pinchin using information provided by Baffinland.

Construction at the Site began on July 8, 2026, and was completed on July 14, 2026. The work was completed by Baffinland's Sustaining Projects Department. The construction activities completed at the Site between July 8 and July 14 are summarized in Table 1 below:

Table 1: Summary of Construction Activities at the Site

Year	Site Activity	Start Date	End Date
2026	Site Preparation	July 8	July 8
	Cell 3 – Base Preparation	July 9	July 10
	Cell 3 – Supplemental Material Installation	July 11	July 12
	Cell 3 – Access Ramp Construction	July 13	July 14

The objective of this As-Built Summary Report is to document the actual final construction of the base of Cell 3 versus the design provided in the construction drawings and specifications. Inspections were conducted by a Baffinland Construction Superintendent throughout the Site preparation, grading and material installation.

1.1 Site Description

The Site is located at the northern end of Baffin Island in the Qikiqtani Region of Nunavut approximately 550 kilometres (km) north of the Arctic Circle. The Site is situated approximately 160 km south-southwest of the nearest community of Pond Inlet (Mittimatalik) within the boundary of Commercial Lease No. Q13C301.

The Mary River Landfill is situated within the Mary River Mine Site which forms a portion of the Mary River Project Area (the Project Area). The Project Area also includes the Milne Port Site, the Tote Road, the Steensby Port Site, various exploration camps and areas slated for future development as indicated on Figure 1. The legal description of the Project Area is Parcel PI-16, Plan 4013, Parcel PI-17, Plan 4382 (excluding Crown Lands identified from retracement survey 98227 C.L.S.R. and conforming to mineral lease 2485) and Parcel PI-19, Plan 4160.

© 2026 Pinchin Ltd.

The Site is located at Universal Transverse Mercator (UTM) coordinates Zone 17W, 560,870 metres (m) Easting and 7,912,659 m Northing, relative to World Geodetic System 1984. The coordinates were collected at the entrance to the landfill using Google Earth™ and are expected to be accurate to within 10 m.

The Site is operated under Nunavut Water Board (NWB) Type A Water Licence No. 2AM-MRY2540, issued in 2025, Commercial Lease No. Q13C301 and Nunavut Impact Review Board (NIRB) Project Certificate No. 005. The Site is designed for the use and operation of a 6.5-hectare (ha) landfilling site within a 265,486-ha Project Area. The Site is approved to accept non-hazardous solid wastes generated at the Mary River Mine Site, as well as by remote support camps associated with the mining operations.

Waste disposal commenced at the Site in approximately 2013 and historically consisted of scrap metal, plastic, wood, rubber and incinerator ash. Liquid industrial and hazardous wastes are managed in dedicated waste storage areas throughout the Mary River Mine Site and are not accepted at the landfill. The design for the Site is provided in the IFC Drawings entitled "*Mary River Landfill Detailed Design, Mary River, Nunavut*", prepared by Pinchin, dated May 15, 2026. The design for the Site consists of five (5) cells (Cells 1 through 5) within the 6.5 ha fill area.

Waste placement has occurred in Cells 1 and 2 and will continue until these cells have reached capacity. Subsequent landfilling will progress to Cells 3, 4 and 5. Alternatively, Cell 5 may be used for landfarming activities if required. Baffinland has proceeded with the preparation of the base of Cell 3 in support of the progressive development of the Site. The scope of this project consisted of the filling and grading of the Cell 3 subgrade.

1.2 Pre-Existing Topography

A topographic survey of the Site was completed by Baffinland on April 11, 2026, prior to the Cell 3 base construction. The results of the topographic survey for the Site prior to construction are presented on Figure 2.

1.3 Construction Permits & Approvals

Baffinland provided a Notification of Construction for the project to the NWB on May 22, 2026, as required under Part D, Item 1 of Type A Water Licence 2AM-MRY2540. The Notification of Construction was subsequently distributed for public review and interested parties were invited to comment by June 10, 2026. No comments or additional submissions were received during the review period. As confirmed by the NWB on June 15, 2026, the proposed project was determined to be consistent with the existing terms and conditions of the Type A Water Licence. As required by Part D, Item 3 of the Type A Water Licence, a Construction Summary Report must be submitted to the NWB within ninety (90) days of the completion of the construction works.

© 2026 Pinchin Ltd.

Copies of the Notice of Construction and acceptance from the NWB are provided in Appendix II.

2.0 CONSTRUCTION ACTIVITIES & MATERIALS

The following sections outline the construction activities and materials for the site preparation, grading and filling. A photographic log of the activities and finished surfaces is provided in Appendix III.

2.1 Site Preparation

The following Site preparation activities were completed by the Sustaining Projects Department:

- Clearing and brushing of the Cell 3 construction area. The Cell 3 construction area consisted of a roughly triangular footprint within the northwest limit of the approved landfill footprint;
- Placement of grade stakes within the Cell 3 construction area indicating cut and fill amounts to support grading activities; and
- Review of project-specific Environmental Work Plan and Job Hazard Analysis prior to project execution.

The Construction Superintendent for the project was present at the Site during the Site preparation activities.

2.2 Final Contours and Grading

The surface elevations and contours prior to grading of the Cell 3 construction area are provided on Figure 2. The existing Site surface was graded, which included cut and fill areas, to meet the final grades and elevations.

The base grades and elevations were field-fit by the Sustaining Projects Department in order to minimize disturbance of the original ground surface, as well as to accommodate an access ramp for roll-off trucks for on-going waste disposal. Pinchin notes that the prepared base elevations are higher than the proposed design elevations in some areas resulting in a diminished waste capacity; however, this reduction in waste capacity is considered to be marginal and is not interpreted to result in a significant decrease in the lifespan of the landfill.

Site grading was completed by the Sustaining Projects Department and included the following activities:

- Excavating and filling within the construction area to meet the requirements of the base contours and elevations; and
- Fine grading of the surface and installation of the access ramp.

© 2026 Pinchin Ltd.

The Construction Superintendent for the project was present at the Site during the Site preparation activities. The inspection of surface grading activities included:

- Observation of the grading operations; and
- Visual inspection of the condition of the finished and graded surface.

Additional fill material needed in order to achieve the base grades and elevations for the base of Cell 3 consisted of native fill. In the absence of recorded material volumes, the total volume of additional fill material required for the Site was estimated based on a comparison between the pre- and post-construction survey contours as illustrated on Figures 2 and 3. Based on this comparison, it is estimated that approximately 61 cubic metres (m^3) of additional fill material were required in order to complete the base of Cell 3. The fill was applied directly over the finished and graded base as required in order to achieve the final elevations and to minimize disturbance to the existing active layer/permafrost regime. The fill was primarily sand and gravel consisting of hard, durable, angular particles free from lumps, cementation, organic material and other deleterious materials sourced from an established borrow area located on-Site (KM97). In addition, the access ramp was capped with an approximately 5 centimetre (cm) thick layer of crushed native stone.

The surface of the prepared base was compacted by driving track-mounted heavy equipment (e.g., bulldozer) over the working area until a stable and uniform surface was achieved; verified by the Sustaining Developments Department through visual inspection.

The final contours of the Cell 3 prepared and graded surface as surveyed by Baffinland are illustrated on Figure 3. Final and ongoing performance monitoring will be completed by Baffinland during the Annual Geotechnical Inspections performed by a Geotechnical Engineer.

2.3 Sediment and Erosion Control

Due to the limited scale of the ground disturbance, short construction period and existing topography, soil erosion and discharge of soil-bearing water runoff was not a significant concern. The construction area was monitored daily throughout construction for evidence of erosion and/or discharge of soil-bearing water runoff throughout the project. No evidence of erosion or soil-bearing run-off was observed and as such, no sediment or erosion control measures were required to be implemented. Furthermore, given that no overland flow/run-off was observed, no water quality sampling was required.

2.4 Adaptive Management

Altered drainage patterns and erosion/sedimentation risks were managed through daily construction inspections, and, if required, adaptive management corrective actions utilizing the existing Surveillance Network Program (SNP) monitoring locations in accordance with the Type A Water Licence and

© 2026 Pinchin Ltd.

Baffinland's Surface Water and Aquatic Ecosystem Management Plan. No observations were made during the daily construction inspections which triggered adaptive management response actions.

Based on observations made by the Sustaining Projects Department during the construction activities, the base grades and elevations were field-fit to minimize the disturbance of the original ground surface and accommodate an access ramp for roll-off trucks for on-going waste disposal, as noted in Section 2.2.

2.5 Construction Site Access

Landfill access and use is restricted to authorized Baffinland personnel and subcontractors. The construction area was located outside of the active fill area for the landfill. The existing access restrictions were effective at designating the areas of construction activities and no additional traffic control measures were required.

2.6 Geotechnical Monitoring

Due to the limited scale of the ground disturbance, deformation monitoring, seepage monitoring and geothermal monitoring were not required and are addressed by the ongoing performance monitoring reported under the Annual Geotechnical Inspections and routine SNP and groundwater monitoring programs under the Type A Water Licence.

2.7 Hauling Materials

Granular materials were hauled to the Site from the KM97 borrow area located on-Site approximately 4 km northwest of the landfill. The KM97 borrow area has previously been confirmed to contain clean, non-acid generating (NAG) materials and was accessed by Baffinland haulage trucks via the Milne Inlet Tote Road. Screening of the granular materials occurred at the KM97 borrow area.

2.8 Stockpiling Materials

Granular materials were stockpiled on-Site as directed by Baffinland.

3.0 DEFICIENCIES & CORRECTIVE ACTIONS

No significant deficiencies were reported during the project.

© 2026 Pinchin Ltd.

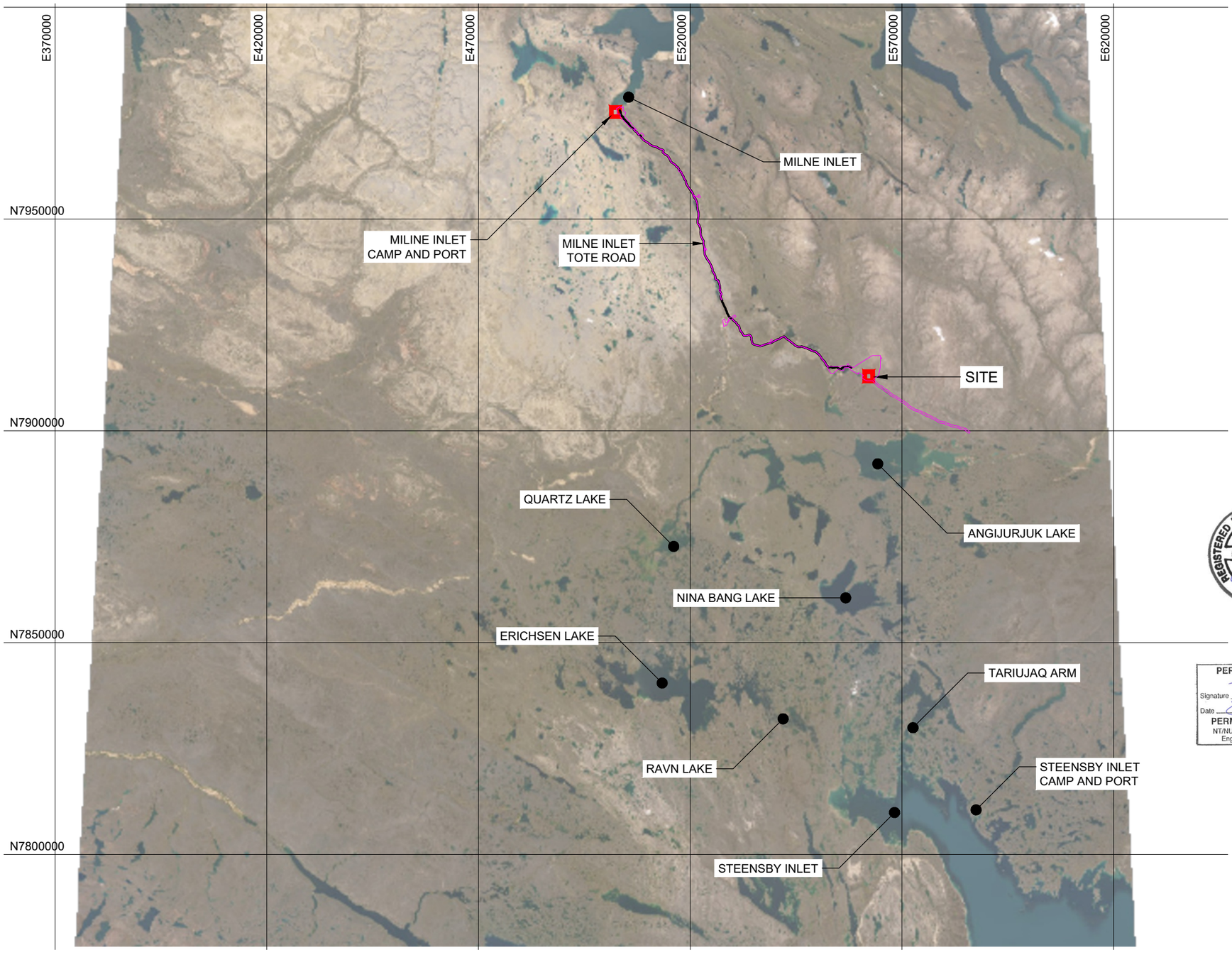
4.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

© 2026 Pinchin Ltd.

APPENDIX I
Figures



PLAN VIEW
SCALE 1:1,000,000

25 0 25 50 75
KILOMETRES

FIGURE No.	REFERENCE DRAWING
02	PRE-CONSTRUCTION BASE CONTOURS
03	FINAL BASE CONTOURS

KEY



REFERENCES:

COMMERCIAL LEASE BOUNDARY

NOTES:

1. ALL DIMENSIONS ARE METRIC AND SHOWN IN METRES (UNLESS NOTED OTHERWISE).
2. ELEVATIONS ARE IN METRES, RELATIVE TO GEODETIC DATUM. CONTOURS ARE AT 5 METRE MAJOR INTERVALS AND 1 METRE MINOR INTERVALS.
3. THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED ARE BASED ON THE IMPERIAL PAPERSIZE 11"x17

REFERENCES:

1. IMAGERY BY ESRI, VANTOR, GEOEYE, EARTHSTAR GOEGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, ING, AND THE GIS USER COMUMUNITY POWERED BY ESRI.
2. COMMERCIAL LEASE BOUNDARY AS PROVIDED BY THE CLIENT.

DISCLAIMER:

PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

PINCHIN

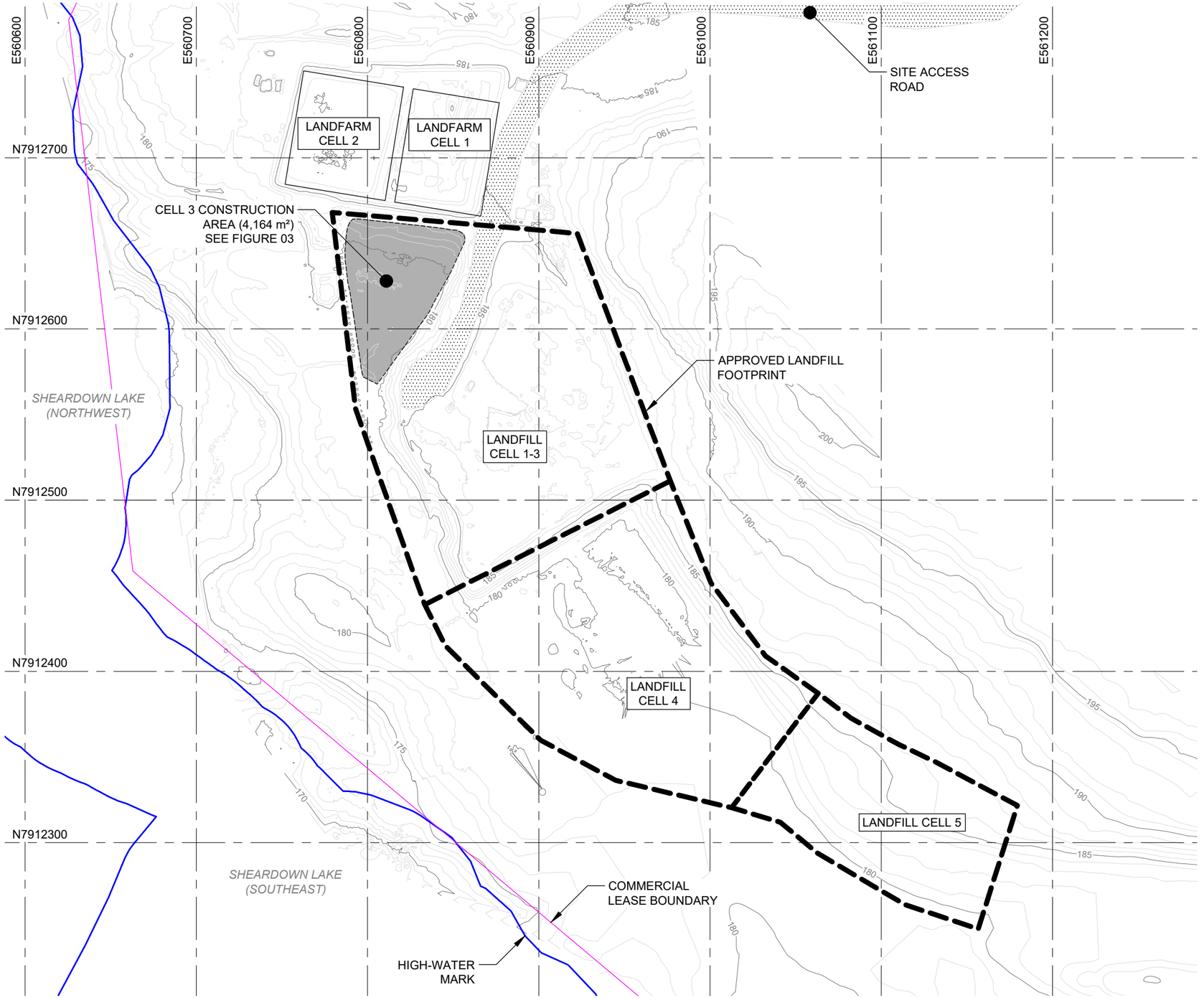
PROJECT NAME:
CELL 3 BASE PREPARATION
AS-BUILT SUMMARY REPORT

CLIENT NAME:
Baffinland

PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
KEY MAP

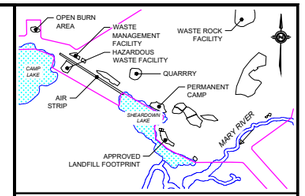
PROJECT NUMBER:	SCALE:	
353700.003	1:1,000,000	
DRAWN BY:	REVIEWED BY:	
K.J.	A.V.	
DATE:	FIGURE NUMBER:	REV.
2026-09-18	01	C



PLAN VIEW
SCALE 1:2500

50 0 50 100 150
METRES 1:2500

FIGURE No.	REFERENCE DRAWING
03	FINAL BASE CONTOURS



LEGEND:

- MAJOR CONTOUR (5m)
- MINOR CONTOUR (1m)
- COMMERCIAL LEASE BOUNDARY
- HIGH WATER MARK
- 2012 FEIS/TYPE A WATER LICENSE LANDFILL LIMIT
- SITE GRAVEL ROADS

NOTES:

1. ALL DIMENSIONS ARE METRIC AND SHOWN IN METRES (UNLESS NOTED OTHERWISE).
2. ELEVATIONS ARE IN METRES, RELATIVE TO GEODETIC DATUM. CONTOURS ARE AT 5 METRE MAJOR INTERVALS AND 1 METRE MINOR INTERVALS.
3. THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED ARE BASED ON THE IMPERIAL PAPERSIZE 11"x17

REFERENCES:

1. TOPOGRAPHICAL INFORMATION SUPPLIED BY BAFFINLAND, COLLECTED APRIL 2026.
2. CELL 3 REGRADE AREA SURVEY SUPPLIED BY BAFFINLAND, COLLECTED JULY 2026.
3. HIGH-WATER MARK AND COMMERCIAL LEASE BOUNDARY AS PROVIDED BY THE CLIENT.

DISCLAIMER:
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date 6 2026
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

PINCHIN

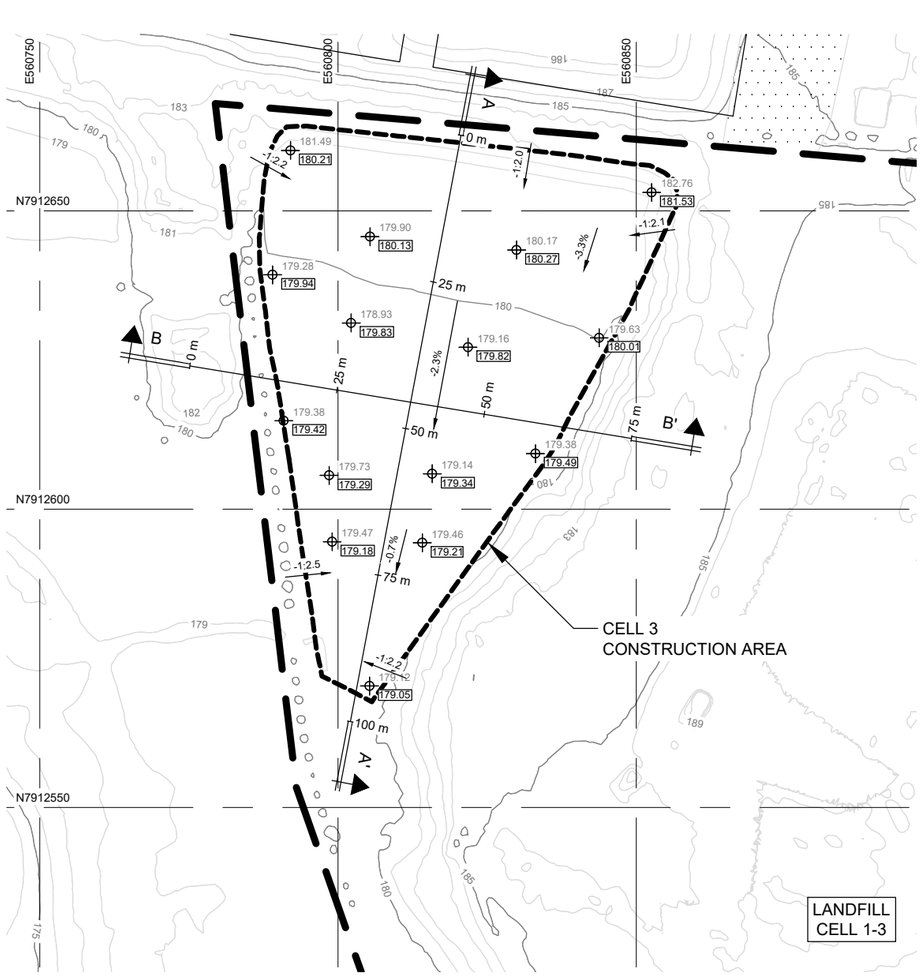
PROJECT NAME:
CELL 3 BASE PREPARATION AS-BUILT SUMMARY REPORT

CLIENT NAME:
Baffinland

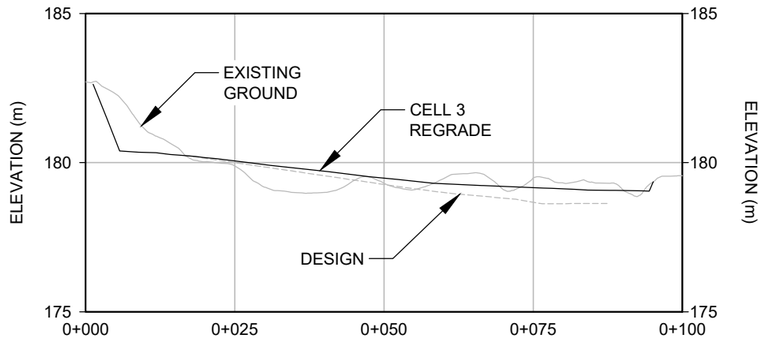
PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
PRE-CONSTRUCTION BASE CONTOURS

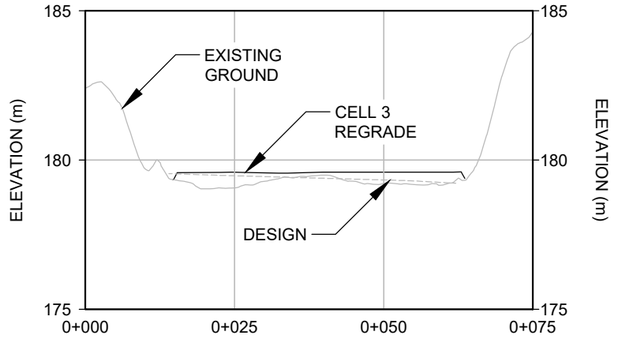
PROJECT NUMBER:	SCALE:	
353700.003	1:2500	
DRAWN BY: K.J.	REVIEWED BY: A.V.	
DATE: 2026-09-17	FIGURE NUMBER: 02	REV. B



PLAN VIEW
SCALE 1:1000



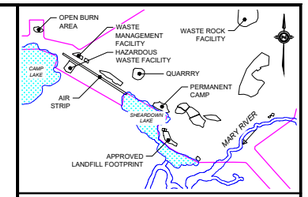
CROSS SECTION A-A'
SCALE 1:1000H 1:200V



CROSS SECTION B-B'
SCALE 1:1000H 1:200V

25 0 25 50 75
METRES 1:1000

FIGURE No.	REFERENCE DRAWING
02	PRE-CONSTRUCTION BASE CONTOURS



LEGEND:

- MAJOR CONTOUR
- MINOR CONTOUR
- 2012 FEIS/TYPE A WATER LICENSE LANDFILL LIMIT
- ⊠–298.00 EXISTING GRADE SPOT ELEV.(m)
- ⊠–282.00 FINISHED GRADE SPOT ELEV.(m)

NOTES:

1. ALL DIMENSIONS ARE METRIC AND SHOWN IN METRES (UNLESS NOTED OTHERWISE).
2. ELEVATIONS ARE IN METRES, RELATIVE TO GEODETIC DATUM. CONTOURS ARE AT 5 METRE MAJOR INTERVALS AND 1 METRE MINOR INTERVALS.
3. THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED ARE BASED ON THE IMPERIAL PAPERSIZE 11"x17

REFERENCES:

1. TOPOGRAPHICAL INFORMATION SUPPLIED BY BAFFINLAND, COLLECTED APRIL 2026.
2. CELL 3 REGRADE AREA SURVEY SUPPLIED BY BAFFINLAND, COLLECTED JULY 2026.

DISCLAIMER:
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date 8 Oct 6 2026
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

PINCHIN

PROJECT NAME:
CELL 3 BASE PREPARATION AS-BUILT SUMMARY REPORT

CLIENT NAME:
Baffinland

PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
FINAL BASE CONTOURS

PROJECT NUMBER:	SCALE:	
353700.003	1:1000	
DRAWN BY: K.J.	REVIEWED BY: A.V.	
DATE: 2026-09-17	FIGURE NUMBER: 03	REV. B

APPENDIX II

Construction Permits & Approvals

ᓄᓇᕗᑦ ᐃᒪᓕᕆᔨᒃᑯᑦ ᑲᑎᒪᔨᖏᑦ
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: 2AM-MRY2540/D1

June 15, 2026

Elisabeth Luther
Senior Manager, Regulatory Affairs
Baffinland Iron Mines Corporation
#300 – 360 Oakville Place Drive
Oakville, Ontario, L6H 6K8

E-mail: Elisabeth.Luther@baffinland.com

Subject: Licence No: 2AM-MRY2540 Type A – Notification of Construction of the Mary River Landfill Cells 1-3 by Baffinland Iron Mines Corporation for the Mary River Project

Dear Elisabeth Luther:

On May 22, 2026, the Nunavut Water Board (NWB or the Board) received a Notification of Construction of the Mary River Landfill Cells 1-3 including Issued for Construction (IFC) drawings (Notification) from Baffinland Iron Mines Corporation (Baffinland or Licensee). This notification is required under Part D, Item 1 of the type A Water Licence 2AM-MRY2540 (Licence).

The Notification stated that Baffinland is planning to begin the construction to expand the landfill Cells 1-3 which is required to align with their current waste production schedules. The combined surface area of these cells is approximately 32,000 m², aligning with the footprint outlined in the Disturbed Area Analysis for Disturbed Area ID MS-086. Adequate security is currently in place for the initial work to proceed. The construction is expected to begin on July 21, 2026, with completion anticipated before the 2027 freshet.

Baffinland noted that the Notification only applies to Landfill Cells 1-3. Landfill Cells 4 and 5 are located outside of MS-086, and these cells are not scheduled for construction in 2026. Design for landfill Cells 4 and 5 will be further detailed within a future annual work plan and any associated regulatory submissions before work commences. Baffinland also stated that the altered drainage patterns, and erosion/sedimentation risks during construction will be managed through routine inspections and if required, adaptive management corrective actions utilising existing Surveillance Network Program (SNP) monitoring locations in accordance with the Licence and the Surface Water and Aquatic Ecosystem Management Plan (SWAEMP).

On May 25, 2026, the NWB distributed the Notification for public review and interested parties were invited to comment by June 10, 2026. Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) advised on June 10, 2026, that they have no comments at this time. No other submissions

have been received during the review of the Notification. Copy of the Notification can be accessed through the NWB's Public Registry site using the following Link:

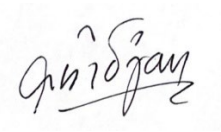
https://public.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MRY2540%20BIMC/3%20TECH/5%20CONST%20(D)/Landfill%20Cells%201-3/

The Licensee is advised that the Board's review of the Notification is a confirmation that the proposed activity is consistent with the existing terms and conditions of the Licence. It should be noted that the Board's acceptance is NOT intended or offered as any representation regarding the suitability of the plans nor third-party verification of the design, construction, planning or engineering discussed in the Notification.

Further, in keeping with Part D Item 3 of the Licence, the Licensee shall within ninety (90) days of completion of the proposed construction works, submit to the Board for review a Construction Summary Report that includes as-built plans and drawings, documentation of field decisions that deviate from original plans and any data used to support these decisions in accordance with Schedule D, Item 1 of the Licence.

Should you have any questions regarding the above, please contact the NWB Licensing Department by email to licensing@nwb-oen.ca or by phone at (867) 360-6338.

Sincerely,



Abid Jan
Technical Advisor
Nunavut Water Board

aj/rh

Cc: Distribution List – Mary River

May 22, 2026

Abid Jan
Technical Advisor
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Re: Notification of Construction of the Mary River Landfill Cells 1-3 – Type 'A' Water Licence 2AM-MRY2540

Baffinland Iron Mines Corporation (Baffinland) plans to expand Landfill Cells 1–3, which are currently within the landfill's existing fenced limits. The expansion is required to align with current waste production schedules, and construction is planned to begin as early as **July 21, 2026**. A figure showing the total footprint and layout of the landfill has been provided in Attachment 1.

The design package including Issued for Construction (IFC) drawings for this work is provided in Attachment 2, which includes the following details.

- The base shall be graded to achieve a finished 2H:1V slope for the purpose of facility surface drainage;
- Disturbance will be limited to the seasonal active layer and will be minimized during construction to avoid impacts to underlying permafrost;
- Base preparation will consist of regrading the in-situ material to the specified design elevations, supplemented with imported fill where required to achieve the final design grade; and
- Excess cut material may be stockpiled for future use as landfill cover material.

The combined surface area of Landfill Cells 1-3 is approximately 32,000 m², aligning with the footprint outlined in the Disturbed Area Analysis for Disturbed Area ID. MS-086 (see Attachment 1). Adequate security is currently in place for the initial work to proceed, as approved by both the QIA and the NWB.

It should be noted that the enclosed Notification of Construction only applies to Landfill Cells 1-3. Landfill Cells 4 and 5 are located outside of MS-086, and these cells are not scheduled for construction in 2026. Design for landfill Cells 4 and 5 will be further detailed within a future annual work plan and any associated regulatory submissions before work commences.

Baffinland will manage altered drainage patterns, and erosion/sedimentation risks during construction through routine inspections and if required, adaptive management corrective actions utilise existing SNP Water licence monitoring locations, in accordance with Type A Water Licence 2AM-MRY2540 and the Surface Water and Aquatic Ecosystem Management Plan (SWAEMP). A

summary of key construction controls, monitoring activities and trigger-based response actions is provided below:

1. Construction controls to be implemented at the work area
2. Monitoring through existing landfill SNP sites
3. Adaptive management response actions

Baffinland plans to begin the construction of the Landfill Cell 1-3 on July 21, 2026, with completion anticipated before the 2027 freshet.

We trust that this information meets the requirements under Part D of the Licence.

Regards,



Elisabeth Luther
Senior Manager, Regulatory Affairs

Cc: Lou Kamermans, Matthew Wilson (Baffinland)

Attachments

Attachment 1 Landfill Location Figure

Attachment 2 Design Drawings

Attachment 1

Landfill Location Figure



LEGEND

- Landfill Cell 1-3 Expansion Limit
- Current Limit of the Landfill
- Disturbed Area Analysis ID. MS-086

ᓄᓇᕗᑦ ᐅᒃᑯᓕᐅᔾᔨᖅ MARY RIVER PROJECT

Landfill Cell 1-3 Location

Projection: NAD 1983 UTM ZONE 17N.
Base Map: © 2025 PhotoSat Information Ltd.
Imagery and Infrastructure are representative as of July 2025.

0 12.5 25 50 Meters
Scale 1:2,000

N

Baffinland

ᑎᑎᕋᐅᓵᒪᔪᑦ
FIGURE 1

SAVED: C:\Users\Kristina.Poitras\Documents\ArcGIS\Projects\SD\Landfill Construction Notice\Landfill Construction Notice.aprx: 20-May-26

Attachment 2

Design Drawings

MARY RIVER LANDFILL DETAILED DESIGN

MARY RIVER, NUNAVUT

Prepared for:

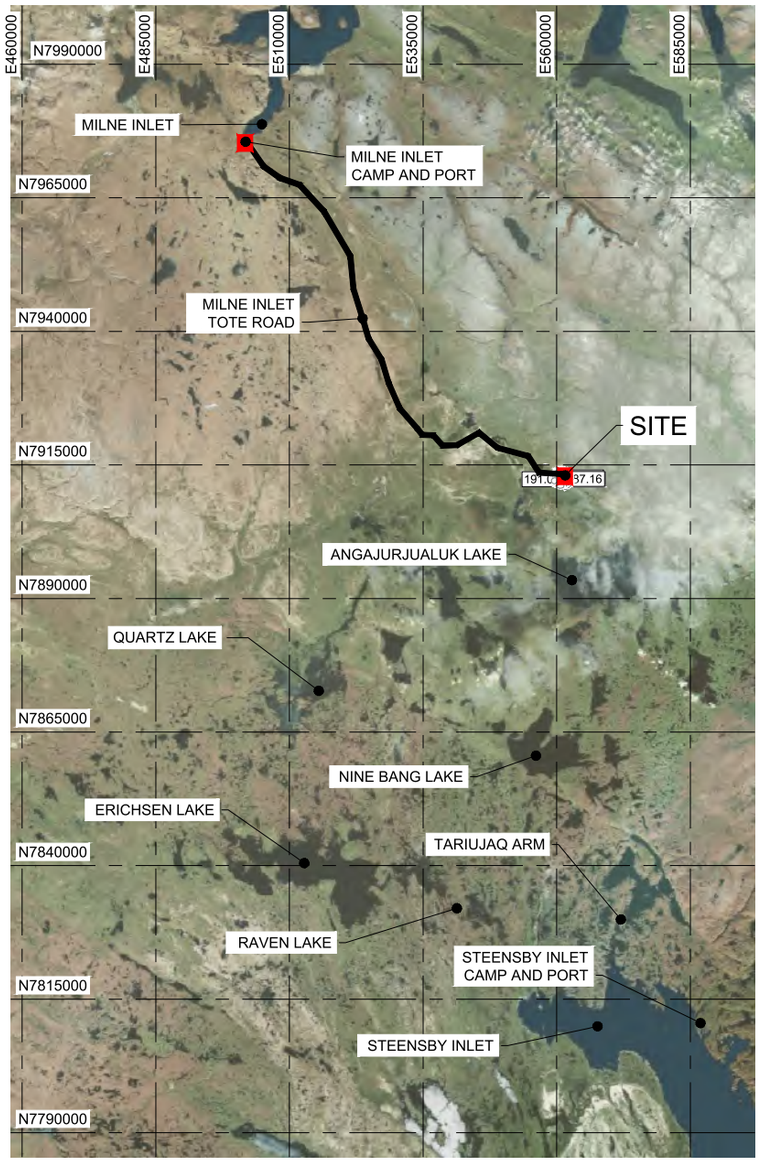
Baffinland

Pinchin File: 353700.001

LIST OF DRAWINGS:

01	COVER SHEET AND KEY MAP
02	2026 TOPOGRAPHIC SURVEY
03	DESIGN FEATURES TOP OF WASTE, PLAN VIEW
04	DESIGN FEATURES TOP OF COVER, PLAN VIEW
05	DESIGN FEATURES SECTIONS
06	PRELIMINARY REGRADING PLAN AND SECTIONS
07	TYPICAL LANDFILL DETAILS 1
08	TYPICAL LANDFILL DETAILS 2
09	CONSTRUCTION NOTES

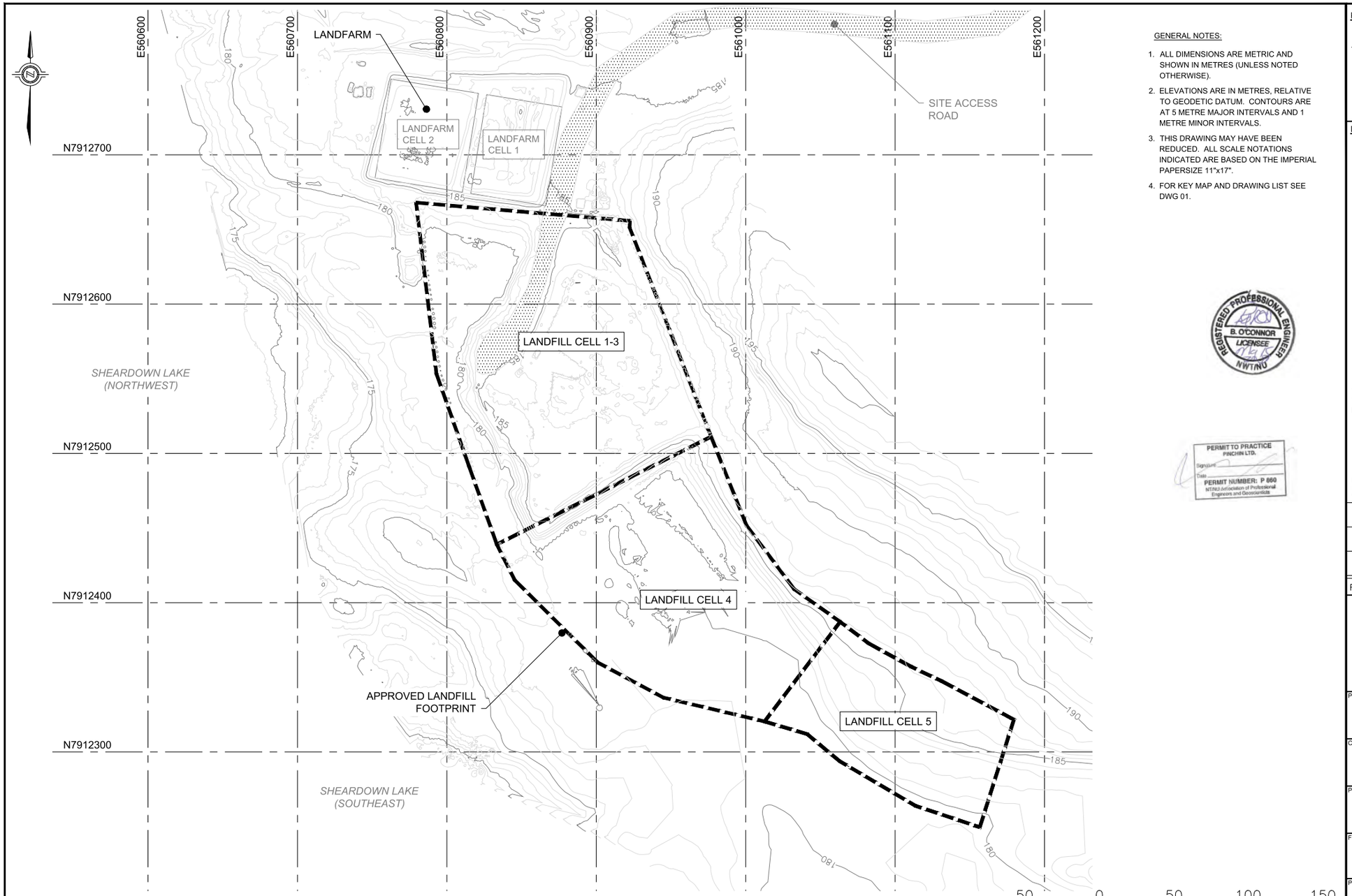
KEY MAP:



REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

0	ISSUED FOR CONSTRUCTION	26.05.15	DRR	AV/TM/BO
	REVISIONS	DATE YY.MM.DD	DRWN. BY	CHKD. BY
DRAWN BY:	D. REAUME			
CHECKED BY:	A. VALLE/B. O'CONNOR	SCALE	NTS	
DRAWING:	01	DATE:	2026.05.15	



PLAN VIEW
SCALE 1:2500

50 0 50 100 150
METRES 1:2500

GENERAL NOTES:

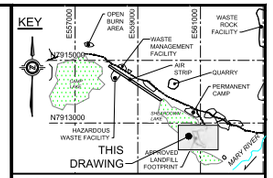
1. ALL DIMENSIONS ARE METRIC AND SHOWN IN METRES (UNLESS NOTED OTHERWISE).
2. ELEVATIONS ARE IN METRES, RELATIVE TO GEODETIC DATUM. CONTOURS ARE AT 5 METRE MAJOR INTERVALS AND 1 METRE MINOR INTERVALS.
3. THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED ARE BASED ON THE IMPERIAL PAPERSIZE 11"x17".
4. FOR KEY MAP AND DRAWING LIST SEE DWG 01.

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

DRAWING No.	REFERENCE DRAWING
01	COVER SHEET WITH KEY MAP

KEY



LEGEND

EXISTING

290 MAJOR CONTOUR (5m)

MINOR CONTOUR (1m)

2012 FEIS/TYPE A WATER LICENSE LANDFILL LIMIT

SITE GRAVEL ROADS

TOPOGRAPHICAL NOTE
TOPOGRAPHICAL INFORMATION SUPPLIED BY BAFFINLAND, COLLECTED 2026.

DISCLAIMER
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REV.	DESC.	YY.MM.DD	BY
0	ISSUED FOR CONSTRUCTION	26.05.15	DRR

PINCHIN

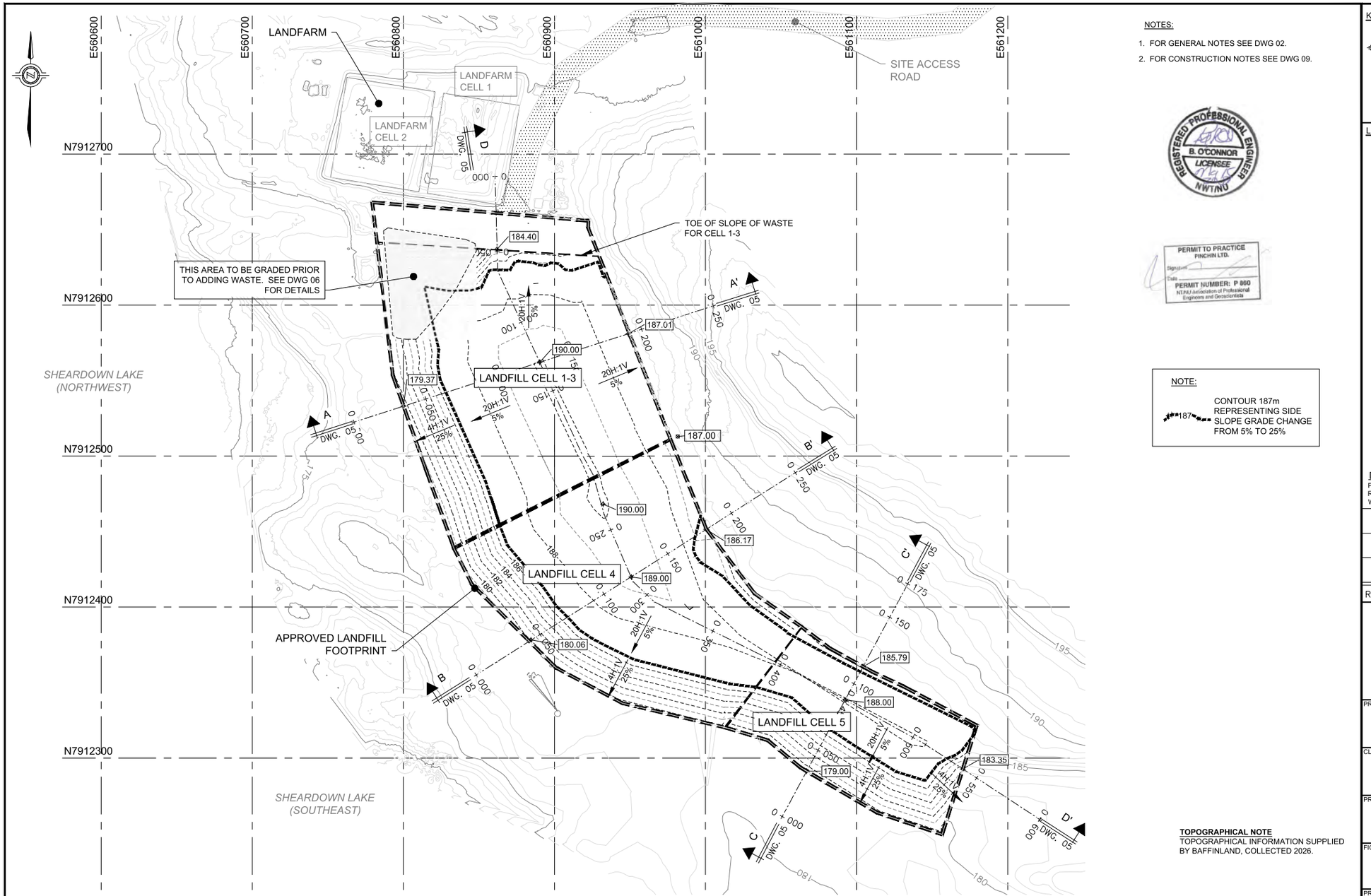
PROJECT NAME:
DETAILED DESIGN PLAN

CLIENT NAME:
Baffinland

PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
2026 TOPOGRAPHIC SURVEY

PROJECT NUMBER:	SCALE:	
353700.001	1:2500	
DRAWN BY: D.R.R	REVIEWED BY: A.V.	
DATE: 2026.05.15	FIGURE NUMBER: 02	REV. 0



NOTES:

1. FOR GENERAL NOTES SEE DWG 02.
2. FOR CONSTRUCTION NOTES SEE DWG 09.

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

NOTE:

187 CONTOUR 187m REPRESENTING SIDE SLOPE GRADE CHANGE FROM 5% TO 25%

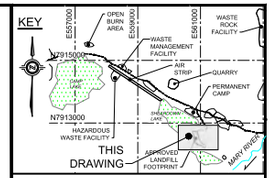
TOPOGRAPHICAL NOTE
TOPOGRAPHICAL INFORMATION SUPPLIED BY BAFFINLAND, COLLECTED 2026.

PLAN VIEW
SCALE 1:2500

50 0 50 100 150
METRES 1:2500

DRAWING No.	REFERENCE DRAWING
02	2026 TOPOGRAPHIC SURVEY
05	DESIGN FEATURES, SECTIONS
06	PRELIMINARY REGRADING PLAN AND SECTIONS
09	CONSTRUCTION NOTES

KEY



LEGEND

EXISTING
- 183 MAJOR CONTOUR (5m)
- MINOR CONTOUR (1m)
- 2012 FEIS/TYPE A WATER LICENSE LANDFILL LIMIT
- SITE GRAVEL ROADS
- 298.00 EXISTING GRADE SPOT ELEV.(m)

PROPOSED
- 189 MAJOR CONTOUR (1m)
- 2H:1V 50% FINISHED GRADE SLOPE
- 282.00 DESIGN FINISHED GRADE SPOT ELEV.(m)

DISCLAIMER
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REV.	DESC.	YY.MM.DD	BY
0	ISSUED FOR CONSTRUCTION	26.05.15	DRR

PINCHIN

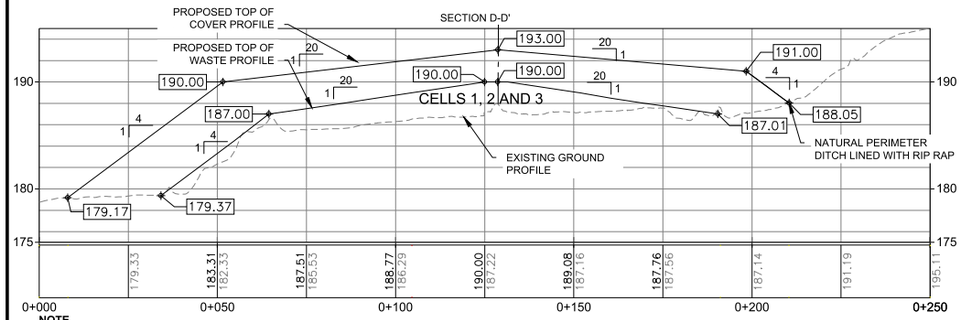
PROJECT NAME:
DETAILED DESIGN PLAN

CLIENT NAME:
Baffinland

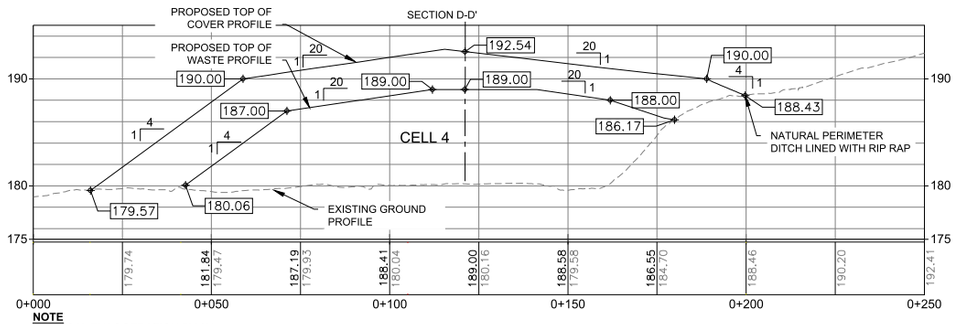
PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
DESIGN FEATURES
TOP OF WASTE
PLAN VIEW

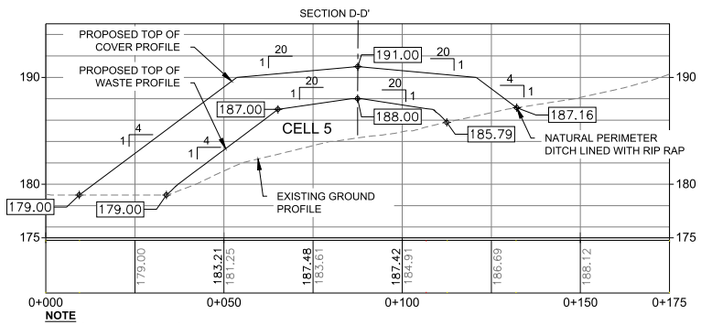
PROJECT NUMBER:	SCALE:	
353700.001	1:2500	
DRAWN BY: D.R.R	REVIEWED BY: A.V.	
DATE: 2026.05.15	FIGURE NUMBER: 03	REV. 0



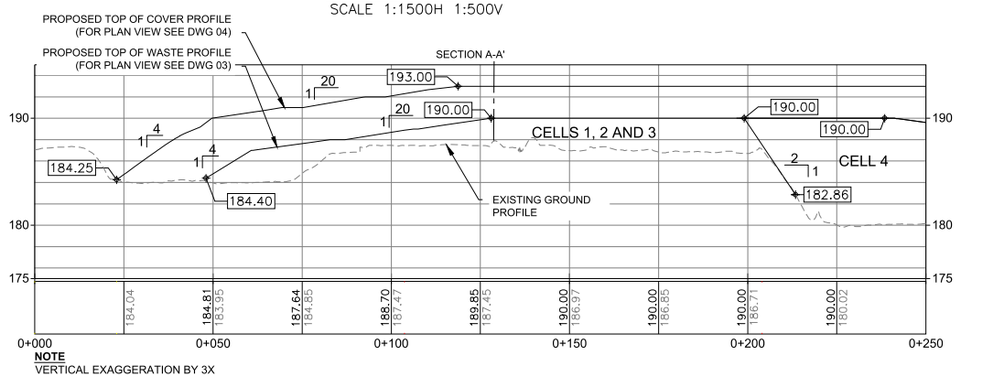
SECTION A-A' (CELLS 1, 2 AND 3)
SCALE 1:1500H 1:500V



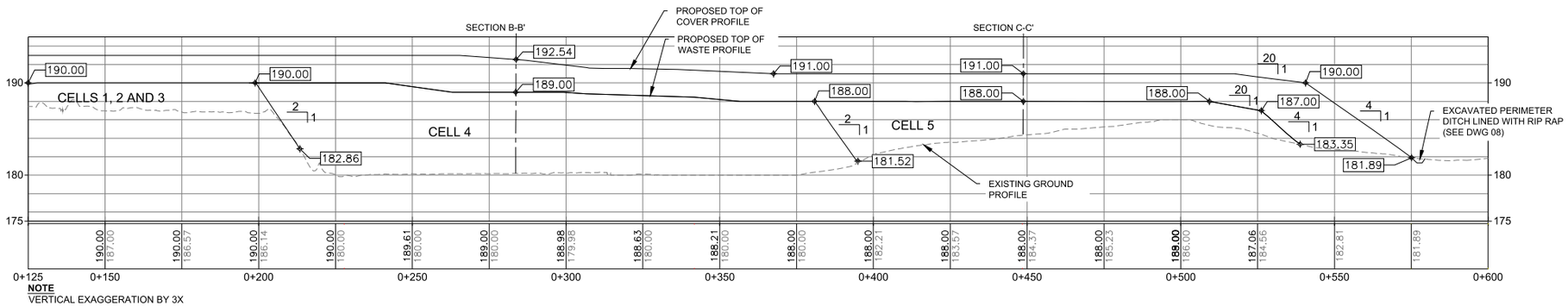
SECTION B-B' (CELL 4)
SCALE 1:1500H 1:500V



SECTION C-C' (CELL 5)
SCALE 1:1500H 1:500V



SECTION D-D' (CELLS 1, 2 AND 3)
SCALE 1:1500H 1:500V



SECTION D-D' (CELLS 4 AND 5)
SCALE 1:1500H 1:500V

DRAWING No.	REFERENCE DRAWING
03	DESIGN FEATURES, TOP OF WASTE, PLAN VIEW
04	DESIGN FEATURES, TOP OF COVER, PLAN VIEW
08	TYPICAL LANDFILL DETAILS 2

50 0 50 100
METRES 1:1500

KEY



LEGEND

- EXISTING GROUND PROFILE
- PROPOSED TOP OF WASTE/COVER PROFILE
- PROPOSED LIMIT OF CELL
- 298.00 DESIGN FINISHED GRADE ELEV.(m)

DISCLAIMER
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REV.	DESC.	YY.MM.DD	BY
0	ISSUED FOR CONSTRUCTION	26.05.15	DRR

PINCHIN

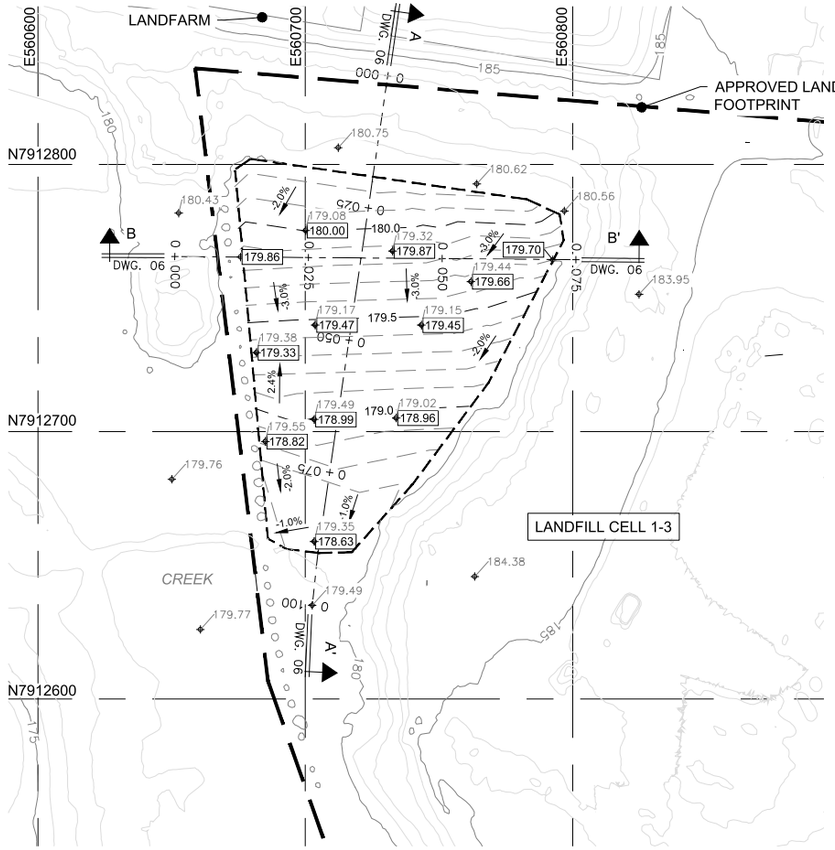
PROJECT NAME:
DETAILED DESIGN PLAN

CLIENT NAME:
Baffinland

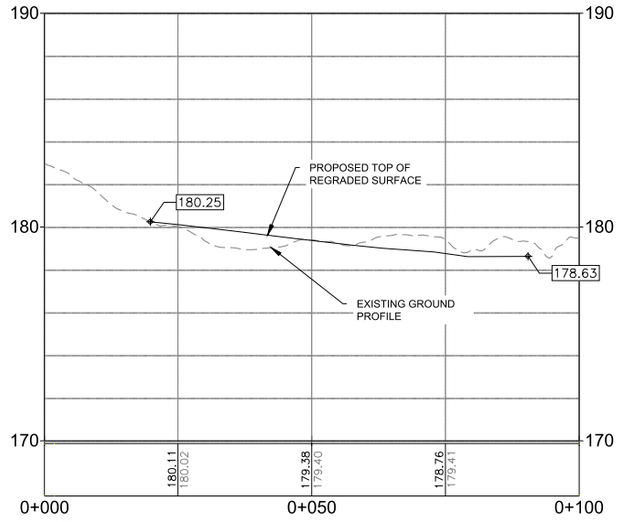
PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
DESIGN FEATURES SECTIONS

PROJECT NUMBER:	SCALE:	
353700.001	1:1500	
DRAWN BY: D.R.R	REVIEWED BY: A.V.	
DATE: 2026.05.15	FIGURE NUMBER: 05	REV. 0

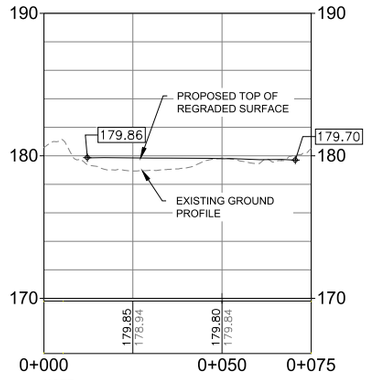


PLAN VIEW
SCALE 1:1000



NOTE
VERTICAL EXAGGERATION BY 4X

SECTION A-A'
SCALE 1:1000H 1:250V

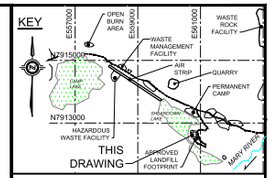


NOTE
VERTICAL EXAGGERATION BY 4X

SECTION B-B'
SCALE 1:1000H 1:250V

NOTES:

1. FOR GENERAL NOTES SEE DWG 02.
2. FOR CONSTRUCTION NOTES SEE DWG 09.



LEGEND

EXISTING
- 290 MAJOR CONTOUR (5m)
- MINOR CONTOUR (1m)
- 2012 FEIS/TYPE A WATER LICENSE LANDFILL LIMIT
- SITE GRAVEL ROADS
- 298.00 EXISTING GRADE SPOT ELEV.(m)

PROPOSED
- 180.0 MAJOR CONTOUR (0.5m)
- MINOR CONTOUR (0.1m)
- 2H:1V 50% FINISHED GRADE SLOPE
- 282.00 DESIGN FINISHED GRADE SPOT ELEV.(m)

TOPOGRAPHICAL NOTE
TOPOGRAPHICAL INFORMATION SUPPLIED BY BAFFINLAND, COLLECTED 2026.

DISCLAIMER
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REV.	DESC.	YY.MM.DD	BY
0	ISSUED FOR CONSTRUCTION	26.05.15	DRR

PINCHIN

PROJECT NAME:
DETAILED DESIGN PLAN

CLIENT NAME:
Baffinland

PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
PRELIMINARY REGRADING PLAN AND SECTIONS

PROJECT NUMBER:	SCALE:	
353700.001	1:1000	
DRAWN BY: D.R.R	REVIEWED BY: A.V.	
DATE: 2026.05.15	FIGURE NUMBER: 06	REV. 0

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NUNAVUT

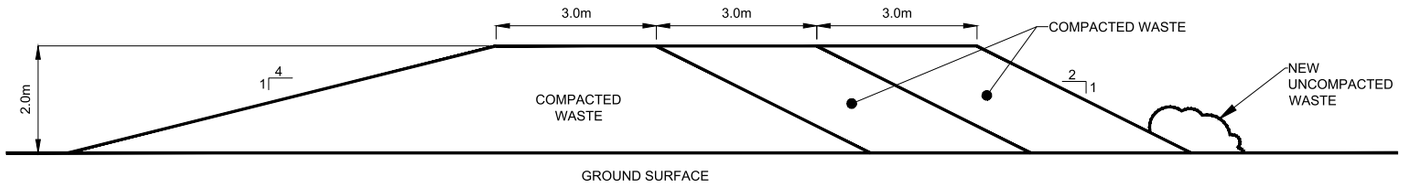
PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

DRAWING No.	REFERENCE DRAWING
02	2026 TOPOGRAPHIC SURVEY
09	CONSTRUCTION NOTES

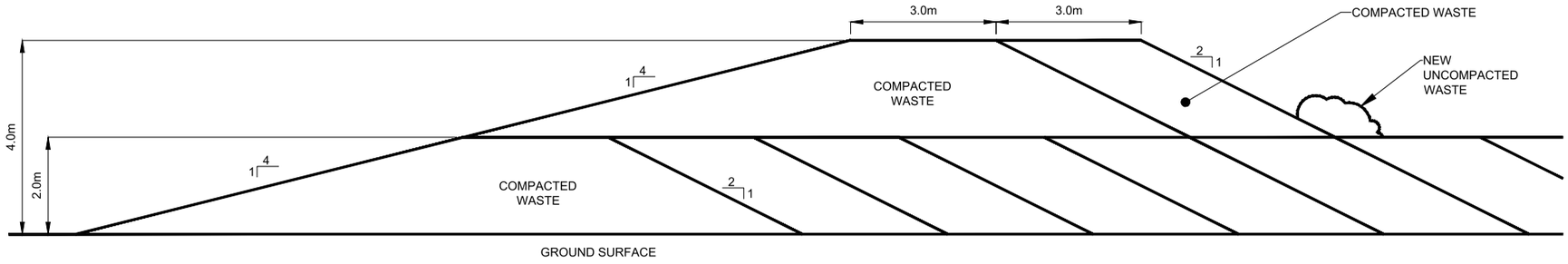
25 0 25 50 75
METRES 1:1000

NOTES:

1. FOR GENERAL NOTES SEE DWG 02.
2. FOR CONSTRUCTION NOTES SEE DWG 09.

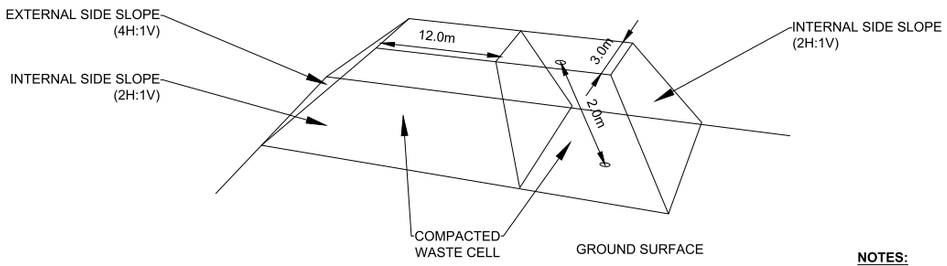


STAGE 1



STAGE 2

DETAIL 07A - AREA FILL EXAMPLE - TYPICAL SIDE PROFILES
SCALE NTS



DETAIL 07B - AREA FILL EXAMPLE - 3D DIMENSIONAL PROFILE
SCALE NTS

NOTES:

1. EXPOSED SIDES OF WASTE CELLS TO BE SLOPED 2 UNITS HORIZONTAL TO 1 UNIT VERTICAL FOR SAFETY.
2. EXTERIOR SIDES OF WASTE CELLS TO BE SLOPED 4 UNITS HORIZONTAL TO 1 UNIT VERTICAL.

DRAWING No.	REFERENCE DRAWING
02	2026 TOPOGRAPHIC SURVEY
09	CONSTRUCTION NOTES

KEY

LEGEND

DISCLAIMER
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REV.	DESC.	YY.MM.DD	BY
0	ISSUED FOR CONSTRUCTION	26.05.15	DRR

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 060
NT/NU Association of Professional Engineers and Geoscientists

PINCHIN

PROJECT NAME:
DETAILED DESIGN PLAN

CLIENT NAME:
Baffinland

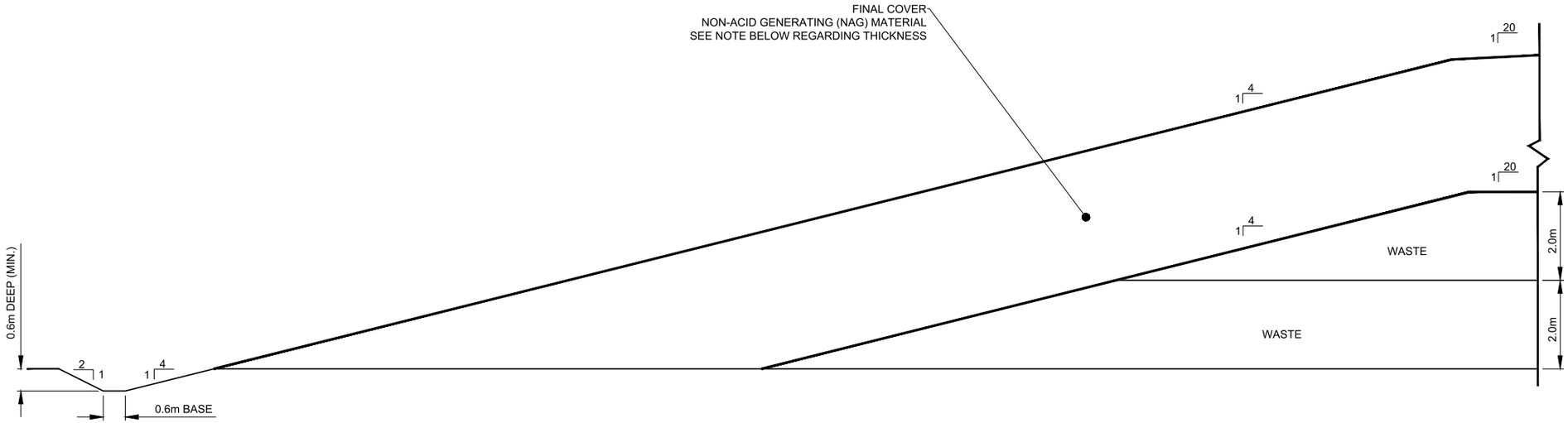
PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
TYPICAL LANDFILL DETAILS 1

PROJECT NUMBER:	SCALE:	
353700.001	NTS	
DRAWN BY: D.R.R	REVIEWED BY: A.V.	
DATE: 2026.05.15	FIGURE NUMBER: 07	REV. 0

NOTES:

1. FOR GENERAL NOTES SEE DWG 02.
2. FOR CONSTRUCTION NOTES SEE DWG 09.



EXCAVATED PERIMETER DITCH
(SEE PERIMETER DITCHING
NOTES ON DRAWING 09)

NOTE:
BASED ON AVAILABLE DATA, A 3.0m THICK FINAL COVER IS REQUIRED.

DETAIL 08 - FINAL COVER AND PERIMETER DITCHING
SCALE NTS

DRAWING No.	REFERENCE DRAWING
02	2026 TOPOGRAPHIC SURVEY
09	CONSTRUCTION NOTES

KEY

LEGEND

DISCLAIMER
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REV.	DESC.	YY.MM.DD	BY
0	ISSUED FOR CONSTRUCTION	26.05.15	DRR

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

PROJECT NAME:
DETAILED DESIGN PLAN

CLIENT NAME:
Baffinland

PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
TYPICAL LANDFILL DETAILS 2

PROJECT NUMBER:	SCALE:	
353700.001	NTS	
DRAWN BY: D.R.R	REVIEWED BY: A.V.	
DATE: 2026.05.15	FIGURE NUMBER: 08	REV. 0

SITE DEVELOPMENT NOTES:

BASE PREPARATION

1. SUBGRADE PREPARATION WILL BE REQUIRED FOR THE NATIVE GROUND SURFACE UNDERLYING THE FUTURE WASTE DEPOSITION AREAS (I.E., CELL 3, CELL 4 AND CELL 5) PRIOR TO WASTE PLACEMENT.
2. THE BASE SHALL BE GRADED TO ACHIEVE A SLOPE OF 200 UNITS HORIZONTAL TO 1 UNIT VERTICAL (200:1 OR 0.5%) FOR THE PURPOSE OF FACILITATING ADEQUATE SURFACE DRAINAGE DURING WASTE DEPOSITION ACTIVITIES.
3. DISTURBANCE OF THE ORIGINAL GROUND SURFACE (I.E., EXCAVATION, SCARIFICATION) SHOULD BE MINIMIZED DURING SUBGRADE PREPARATION IN ORDER TO AVOID SIGNIFICANT IMPACTS TO THE EXISTING PERMAFROST CONDITIONS.
4. BASE PREPARATION MAY INCLUDE EXCAVATING (CUTTING), LOADING, HAULING AND UNLOADING OF CUT/FILL MATERIALS TO AREAS WHERE FILLING IS REQUIRED, SPREADING AND COMPACTING MATERIALS IN FILL AREAS, AS WELL AS FINE GRADING AND MAINTENANCE OF GRADED SURFACES.
5. EXCESS CUT MATERIALS MAY BE STOCKPILED FOR FUTURE USE AS LANDFILL OPERATIONAL COVER MATERIAL OR RELOCATED AS DIRECTED BY THE SITE TECHNICAL SERVICES SUPERINTENDENT.
6. ADDITIONAL FILL MATERIAL MAY CONSIST OF UNFROZEN GRANULARS IF NEEDED, SHOULD THE VOLUME OF CUT MATERIALS BE INSUFFICIENT.
7. COMPACT THE PREPARED BASE SURFACE BY TRACK PACKING WITH BULLDOZER.
8. THE BASE GRADES AND ELEVATIONS FOR CELL 3 ARE PROVIDED ON DRAWING 06.

WASTE DEPOSITION

(REFER TO THE DESIGN & OPERATIONS PLAN FOR ADDITIONAL DETAILS)

9. THE TOP OF WASTE GRADES AND ELEVATIONS ARE PROVIDED ON DRAWING 03.
10. WASTE DEPOSITION IS TO OCCUR WITHIN THE APPROVED WASTE DISPOSAL AREA BOUNDARY.
11. THE APPROVED WASTE DEPOSITION AREA HAS BEEN BROKEN DOWN INTO THREE (3) CELLS: CELL 1–3, CELL 4 AND CELL 5. WASTE DEPOSITION IS TO OCCUR WITHIN ONE CELL AT A TIME. WHEN A CELL HAS REACHED ITS FINAL TOP OF WASTE ELEVATIONS, FINAL COVER IS TO BE INSTALLED OVER THE FILLED CELL AND WASTE DEPOSITION MAY BE INITIATED IN THE NEXT CELL.
12. THE METHOD OF WASTE DEPOSITION FOLLOWS AN ABOVE–GRADE, AREA FILL METHOD WHERE WASTE IS PLACED ON THE PREPARED BASE SURFACE IN SEVERAL SMALL BENCHES OF APPROXIMATELY 3 M WIDTH, 12 M LENGTH AND 2 M HEIGHT. WHEN THE BENCH REACHES THESE DIMENSIONS, THE NEXT BENCH MAY BE STARTED. THE TEMPORARY SLOPES OF THE WORKING BENCH SHOULD BE 2:1 FOR EQUIPMENT OPERATORS' SAFETY. A TYPICAL DETAIL ILLUSTRATING THE WASTE PLACEMENT METHOD IS PROVIDED ON DRAWING 07.
13. THE PROGRESSION OF THE BENCHES WILL BE AT THE DISCRETION OF THE LANDFILL OPERATORS. HOWEVER, AN ATTEMPT SHOULD BE MADE TO ACHIEVE THE FINAL TOP OF WASTE GRADES AND ELEVATIONS ALONG THE PERIMETER OF THE CELL AND WORK INWARDS IN ORDER TO PROVIDE OPPORTUNITIES FOR THE PROGRESSIVE APPLICATION OF FINAL COVER AS SOON AS POSSIBLE.
14. WASTE SHOULD BE COMPACTED BY DRIVING A BULLDOZER, AN EXCAVATOR, OR OTHER PIECE OF HEAVY EQUIPMENT DIRECTLY OVER THE TOP OF THE WORKING FACE THREE TO FIVE TIMES. THE COMPACTING EQUIPMENT SHALL BE OPERATED AT SUCH A SPEED AS TO PREVENT PICK–UP, BUT IN NO CASE SHALL THE SPEED OF THE COMPACTING EQUIPMENT EXCEED 10 KILOMETRES PER HOUR (KM/H). WASTE SHOULD BE COMPACTED AS NEEDED, WHEN LIFTS REACH 0.3 M TO 0.6 M THICKNESS. A SLOPE OF AT LEAST 2H:1V ON WORKING FACES MUST BE MAINTAINED FOR EQUIPMENT OPERATORS' SAFETY. APPLYING WASTE IN LAYERS THICKER THAN 0.6 M WILL RESULT IN POOR COMPACTION AND INEFFICIENT WASTE VOLUME CONSUMPTION. NUCLEAR GAUGE COMPACTION TESTING OF THE WASTE MATERIAL IS NOT REQUIRED FOR THE TOP OF WASTE SURFACE.

FINAL COVER INSTALLATION

15. THE TOP OF FINAL COVER GRADES AND ELEVATIONS ARE PROVIDED ON DRAWING 04.
16. THE FINAL COVER MATERIAL SHALL BE PLACED DIRECTLY OVER THE FINAL TOP OF WASTE SURFACE WITH A MINIMUM THICKNESS OF 3 M.
17. THE FINAL COVER MATERIAL SHALL CONSIST OF NON–ACID–GENERATING (NAG) MATERIAL.
18. THE NAG MATERIAL SHALL BE TESTED PRIOR TO PLACEMENT TO ENSURE IT MEETS THE REQUIREMENTS TO BE DESIGNATED AS SUITABLE NAG MATERIAL IN ACCORDANCE WITH THE MINE ENVIRONMENT NEUTRAL DRAINAGE (MEND) PROGRAM REPORT 1.20.1 "PREDICTION MANUAL FOR DRAINAGE CHEMISTRY FROM SULPHIDIC GEOLOGIC MATERIALS", DATED DECEMBER 2009.
19. A TYPICAL DETAIL OF THE FINAL COVER SYSTEM IS ILLUSTRATED ON DRAWING 08.
20. FINAL COVER INSTALLATION MAY INCLUDE LOADING AND HAULING OF THE COVER MATERIAL, UNLOADING OF THE COVER MATERIAL IN THE REQUIRED PLACEMENT AREAS, SPREADING AND COMPACTING OF THE COVER MATERIAL, AS WELL AS FINE GRADING AND MAINTENANCE OF GRADED SURFACES.
21. THE COVER MATERIAL SHALL BE PLACED DIRECTLY OVER THE WASTE AND OPERATIONAL COVER IN CONTINUOUS, UNIFORM LIFTS NOT EXCEEDING 0.3 M IN THICKNESS.
22. IMMEDIATELY AFTER SPREADING, THE MATERIAL SHALL BE ROLLED WITH A MINIMUM OF THREE PASSES. ROLLING SHALL BE CARRIED OUT OVER LARGE SURFACES AND TURNS SHALL BE CAREFULLY EXECUTED TO OBTAIN UNIFORM COMPACTION. SUCCESSIVE PASSES SHALL OVERLAP THE PREVIOUS PASS BY AT LEAST 0.6 M.
23. COMPACTION IS TO BE AS UNIFORM AS PRACTICABLE OVER THE ENTIRE LIFT SURFACE IN ORDER TO PREVENT DIFFERENTIAL SETTLEMENT OR DEFORMATION OF THE FINAL SURFACE. THE SURFACE OF THE FINAL COVER MATERIAL SHOULD BE FINE GRADED AND SMOOTH ROLLED TO ELIMINATE DEPRESSIONS, BUMPS AND ABRUPT ELEVATION CHANGES.
24. COMPACT THE FINAL COVER LAYER TO A MINIMUM OF 85 % OF THE STANDARD PROCTOR DENSITY (SPD). NUCLEAR GAUGE COMPACTION TESTING OF THE FINAL COVER SURFACE IS NOT REQUIRED.

PERIMETER DITCHING

25. PERIMETER DITCHING SHOULD BE IMPLEMENTED AT THE TIME OF THE FINAL COVER INSTALLATION ON THE ADJACENT LANDFILL SIDE SLOPES TO CAPTURE AND CONVEY SURFACE WATER RUNOFF TOWARDS SHEARDOWN LAKE.
26. PERIMETER DITCHING WILL BE REQUIRED AROUND THE NORTH, EAST AND SOUTH SIDES OF THE CAPPED LANDFILL AREA. THE DITCHING TO THE NORTH WILL ALSO EXTEND AROUND THE EXISTING SOIL LANDFARM AREA. THE APPROXIMATE LOCATION AND SEVERAL SPOT ELEVATIONS ALONG THE BASE OF THE PERIMETER DITCHING ARE PROVIDED ON DRAWING 04.
27. THE PERIMETER DITCHING SHOULD BE FIELD FIT TO BEST MATCH THE EXISTING TOPOGRAPHY SURROUNDING THE WASTE DISPOSAL AREA.
28. IT IS INTENDED THAT THE DITCHING ALONG THE EASTERN SIDE OF THE WASTE DISPOSAL AREA WILL BE CREATED USING THE SLOPE OF THE NATURAL TOPOGRAPHY AND SLOPE OF THE FINAL COVER LAYER.
29. THE DITCHING ALONG THE NORTHERN AND SOUTHERN SIDES OF THE WASTE DISPOSAL AREA WILL BE EXCAVATED INTO THE EXISTING GROUND SURFACE ADJACENT TO THE CAPPED LANDFILL SIDE SLOPES. THE EXCAVATED DITCHING SHALL HAVE A TRAPEZOIDAL SHAPE WITH A 0.6 M WIDE BASE AND MINIMUM 0.6 M DEPTH. THE SIDE SLOPE OF THE DITCH SHALL BE 4:1 ON THE LANDFILL SIDE AND 2:1 ON THE OUTER SIDE. A TYPICAL DETAIL OF THE EXCAVATED PERIMETER DITCH PROFILE IS PROVIDED ON DRAWING 08.
30. THE PERIMETER DITCHING SHALL BE LINED WITH RIP RAP MATERIAL TO PREVENT EROSION SCOURING.

GENERAL

31. STOCKPILES OF ANY WORKING MATERIALS SHALL BE PLACED IN LOCATIONS APPROVED BY THE SITE TECHNICAL SERVICES SUPERINTENDENT. STOCKPILE HEIGHT IS NOT TO EXCEED 2 M.
32. PROPER SEDIMENT AND EROSION CONTROL MEASURES (SUCH AS SILT FENCES, HAY BALES, ETC.) SHALL BE PLACED DURING CONSTRUCTION ACTIVITIES IF REQUIRED TO PROTECT THE CREEK AND SURFACE WATER BODIES TO THE WEST OF THE APPROVED WASTE DISPOSAL AREA.
33. TAKE ALL NECESSARY PRECAUTIONS TO KEEP THE DUST, DIRT AND NOISE TO AN ACCEPTABLE LEVEL BY MEANS OF PROTECTION OR REVISED OPERATIONS.
34. PROVIDE ALL SAFETY REQUIREMENTS AND PROTECTION NECESSARY OR AS REQUIRED BY LOCAL BY–LAWS, GOVERNING AUTHORITIES AND THE SITE TECHNICAL SERVICES SUPERINTENDENT.
35. TAKE ALL PRECAUTIONS AND PROVIDE ALL REQUIRED PROTECTION TO ENSURE THE SAFETY OF THE GENERAL PUBLIC AND THE WORKERS IN ACCORDANCE WITH THE LOCAL BY–LAWS, GOVERNING AUTHORITIES AND SITE SPECIFIC HEALTH AND SAFETY POLICIES.
36. TAKE CARE TO PROTECT AND MAINTAIN ANY EXISTING INFRASTRUCTURE (SUCH AS MONITORING WELLS, FENCING, ACCESS ROADS, ETC.) DURING THE CONSTRUCTION ACTIVITIES.

DRAWING No.	REFERENCE DRAWING
03	DESIGN FEATURES, TOP OF WASTE, PLAN VIEW
04	DESIGN FEATURES, TOP OF COVER, PLAN VIEW
06	PRELIMINARY REGRADING PLAN AND SECTIONS
07	TYPICAL LANDFILL DETAILS 1
08	TYPICAL LANDFILL DETAILS 2

REGISTERED PROFESSIONAL ENGINEER
B. O'CONNOR
LICENSEE
NWT/NU

PERMIT TO PRACTICE
PINCHIN LTD.
Signature
Date
PERMIT NUMBER: P 860
NT/NU Association of Professional Engineers and Geoscientists

KEY

LEGEND

.

DISCLAIMER
PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF PINCHIN LTD.

REV.	DESC.	YY.MM.DD	BY
0	ISSUED FOR CONSTRUCTION	26.05.15	DRR

PINCHIN

PROJECT NAME:
DETAILED DESIGN PLAN

CLIENT NAME:
Baffinland

PROJECT LOCATION:
MARY RIVER LANDFILL
MARY RIVER, NUNAVUT

FIGURE NAME:
CONSTRUCTION NOTES

PROJECT NUMBER:	SCALE:	
353700.001	NTS	
DRAWN BY: D.R.R	REVIEWED BY: A.V.	
DATE: 2026.05.15	FIGURE NUMBER: 09	REV. 0

APPENDIX III

Photographic Log

Site Preparation



July 8, 2026

Pre-construction survey and placement of grade stakes.

Photo facing southwest.



July 8, 2026

Pre-construction survey and placement of grade stakes.

Photo facing southwest.

© 2026 Pinchin Ltd.

Base Preparation



July 9, 2026

Cutting and filling within the Cell 3 construction area.

Photo facing south.



July 10, 2026

Cutting and filling within the Cell 3 construction area.

Photo facing west.

© 2026 Pinchin Ltd.

Supplemental Material Installation



July 11, 2026

Casting of fill material from KM97 borrow area into construction area.

Photo facing south.



July 11, 2026

Filling and grading of base of Cell 3 with supplemental fill material.

Photo facing northwest.

© 2026 Pinchin Ltd.

	**July 12, 2026** Completed base regrade. Photo facing southwest.

	**July 12, 2026** Completed base regrade. Photo facing southeast.

© 2026 Pinchin Ltd.

Access Ramp Construction



July 13, 2026

Construction of base of access ramp to Cell 3.

Photo facing south.



July 14, 2026

Capping access ramp to base of Cell 3 with rock fill.

Photo facing west.

© 2026 Pinchin Ltd.