



ATTACHMENT 49

North 40 Landfill Construction Summary Report



CONSTRUCTION SUMMARY REPORT

CITY OF IQALUIT
Department of Engineering and Capital Projects



SERVICE CONTRACT INFORMATION			
Project/ Contract Title:	Solid Waste Landfill		
Service Contract #:	SC	Consultant:	Dillon Consulting Limited
City Representative:	Kevin Kerr	Consultant PM:	Sarah Devereaux

PROJECT SUMMARY
Engineer on Record (designer) confirms project was constructed in line with design drawings, with construction changes noted on the record drawing. <input type="checkbox"/>

SCHEDULE SUMMARY			
Planned Contract Start Date	Actual Contract Start Date	Planned Contract Completion Date	Actual Contract Completion Date
July 15, 2022	August 15, 2022	August 31, 2024	November 9, 2024

APPENDICES
Appendix A: Solid Waste Landfill Record Drawing

SIGN-OFF		
Christopher Shortall		December 19, 2025
Engineer of Record Name	Signature	Date

Iqaluit



CITY OF IQALUIT SOLID WASTE LANDFILL RECORD



KEY PLAN

DILLON PROJECT: 19-9543
DATE: NOVEMBER 06, 2024



Iqaluit



CITY OF IQALUIT SOLID WASTE LANDFILL

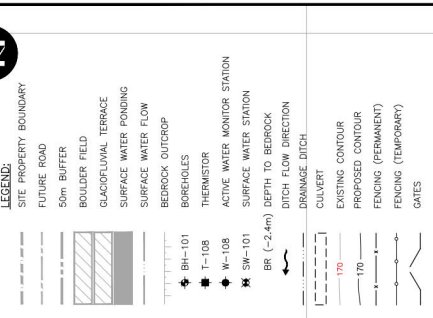
DRAWING INDEX - LANDFILL	
DWG.	DESCRIPTION
LF-001	EXISTING CONDITIONS SITE PLAN
LF-002	PERMAFROST MAP
LF-003	PROPOSED LANDFILL FACILITY LAYOUT
LF-004	EROSION CONTROL SITE PLAN & DETAILS
LF-005	SOUTH PERIMETER ROAD - PLAN & PROFILE
LF-006	SOUTH PERIMETER ROAD SECTIONS - 0+020 TO 0+200
LF-007	SOUTH PERIMETER ROAD SECTIONS - 0+220 TO 0+360
LF-008	WEST PERIMETER ROAD - PLAN & PROFILE
LF-009	WEST PERIMETER ROAD SECTIONS - 0+060 TO 0+200
LF-010	LEACHATE LAGOONS ROAD - PLAN & PROFILE
LF-011	LEACHATE LAGOONS ROAD SECTIONS - 0+080 TO 0+260
LF-012	CELL 1 ROAD - PLAN & PROFILE & SECTIONS
LF-013	CELL 1 DITCH - PLAN & PROFILE
LF-014	CELL 1 DITCH SECTIONS - 0+020 TO 0+120
LF-015	CELL 1 DITCH SECTIONS - 0+140 TO 0+240
LF-016	CELL 1 CUT AREA
LF-017	CELL 1 TOP OF ROUGH GRADED SITE
LF-018	CELL 1 TOP OF LEACHATE COLLECTION GEOMEMBRANE
LF-019	CELL 1 TOP OF LINER SYSTEM
LF-020	CELL 1 SECTIONS 1 & 2
LF-021	CELL 1 SECTIONS 3 & 4
LF-022	CELL 1 SECTIONS 5 & 6
LF-023	CELL 1 SECTIONS 7 & 8
LF-024	CELL SECTIONS 9 & 10
LF-025	LEACHATE LAGOONS CUT AREA
LF-026	LEACHATE LAGOONS - PLAN & PROFILE
LF-027	LEACHATE LAGOONS - SECTIONS 1 TO 6
LF-028	LEACHATE LAGOONS SECTIONS & DETAILS
LF-029	LINER DETAILS
LF-030	SECTIONS AND DETAILS
LF-031	MISCELLANEOUS DETAILS
LF-032	ACTIVE AREA DRAIN PIPE DETAILS

DILLON PROJECT: 19-9543
DATE: NOVEMBER 06, 2024

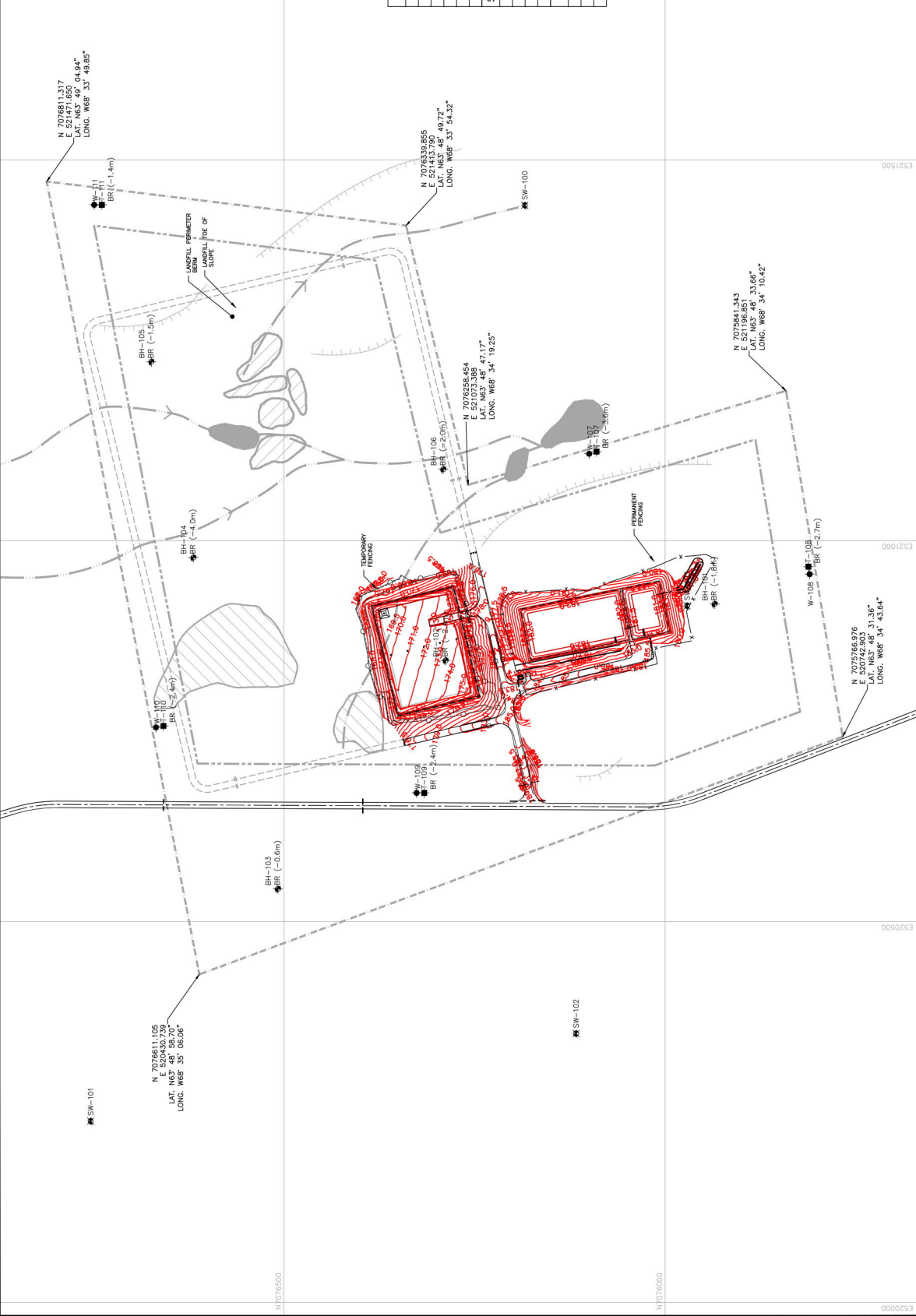


NOTE:
 TOPOGRAPHIC MAPPING PROVIDED BY
 EXP SERVICES INC., SEPTEMBER 2018.

LEGEND:



LONG TERM MONITORING LOCATIONS	
SOIL TEMPERATURE	
T-107	
T-108	
T-109	
T-110	
T-111	
SURFACE WATER MONITORING STATIONS	
SW-100	
SW-101	
SW-102	
SW-103	
GROUNDWATER MONITORING STATIONS	
W-109	
W-110	
W-111	



CITY OF IQALUIT	
SOLID WASTE LANDFILL	
PROJECT NO. 19-9543	
SHEET NO. LF-C03	
PROPOSED LANDFILL FACILITY LAYOUT (FOR INFORMATION ONLY)	

NO.	REVISION	DATE	BY	CHKD.	DESCRIPTION
1	ISSUED FOR APPROVAL	NOVEMBER 2024			
2	FOR REVIEW				
3	FOR REVIEW				
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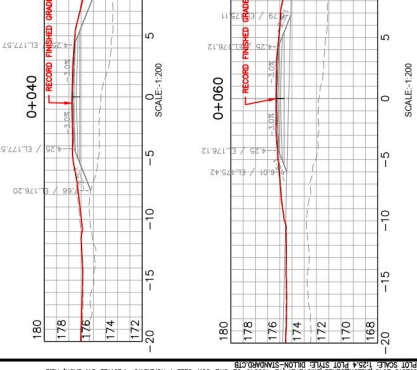
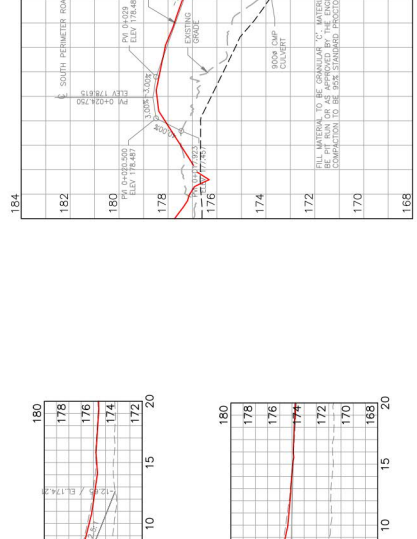
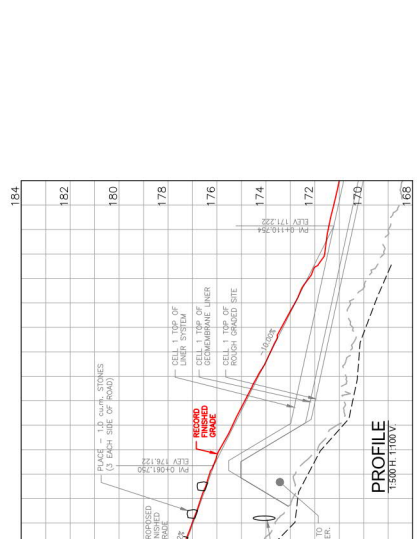
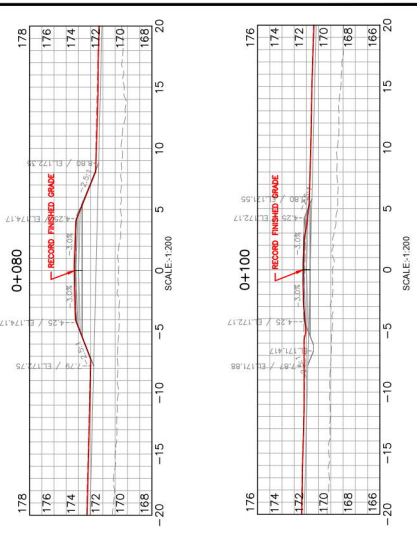
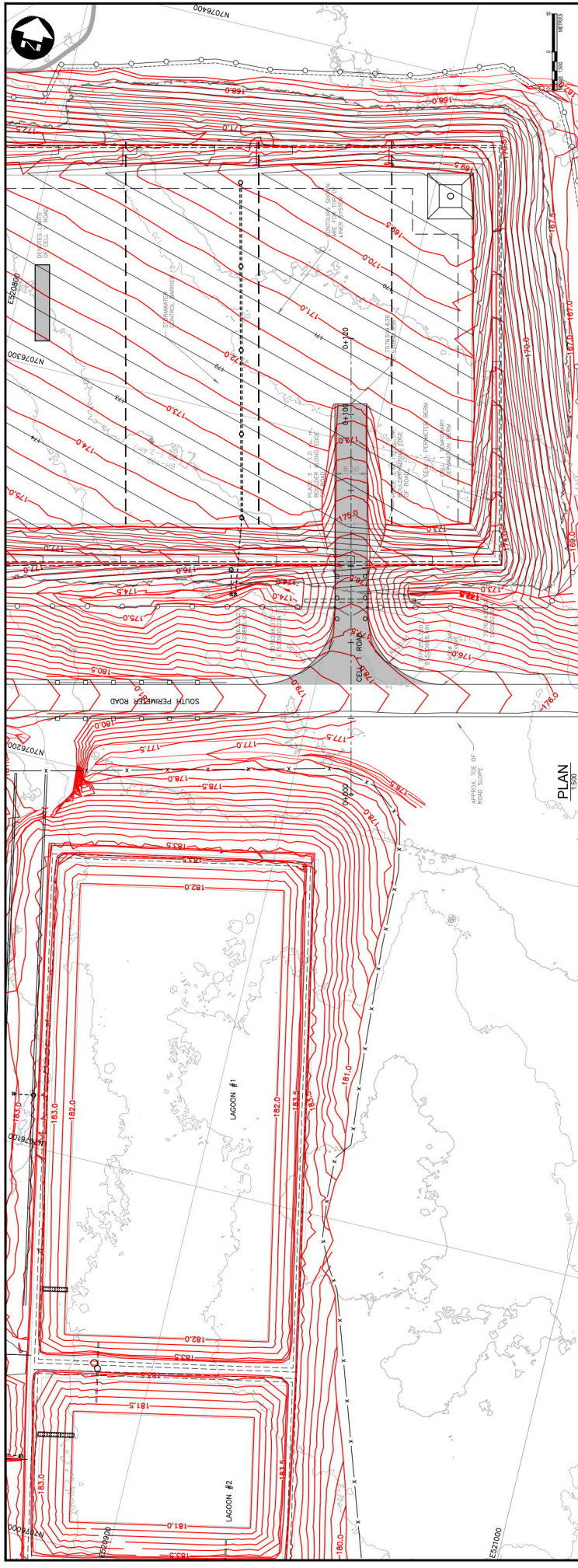
RECORD DRAWING

THE ASSOCIATION OF
 PROFESSIONAL ENGINEERS
 OF THE NORTHERN TERRITORIES
PE 010
 DILLON CONSULTING
 2022 ET 18

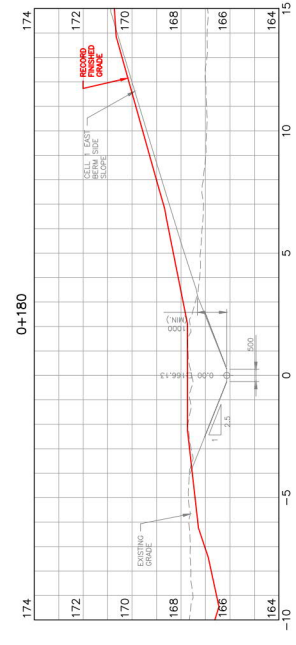
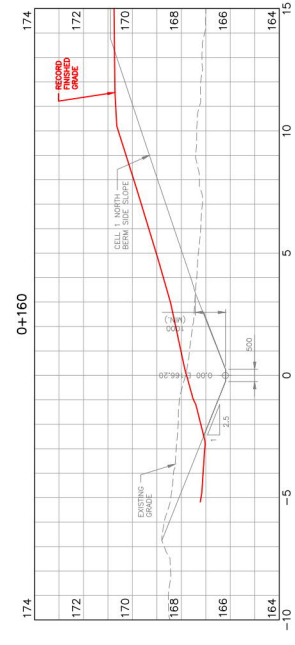
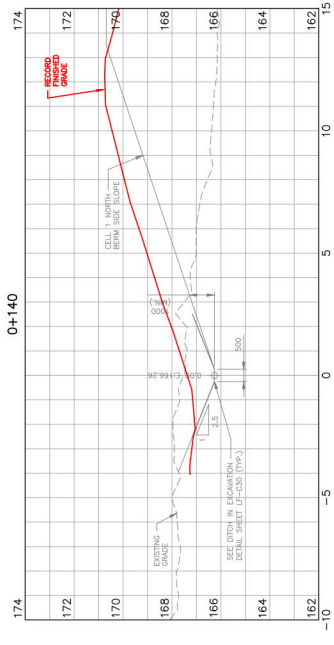
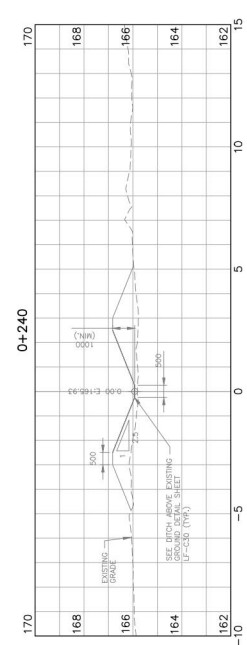
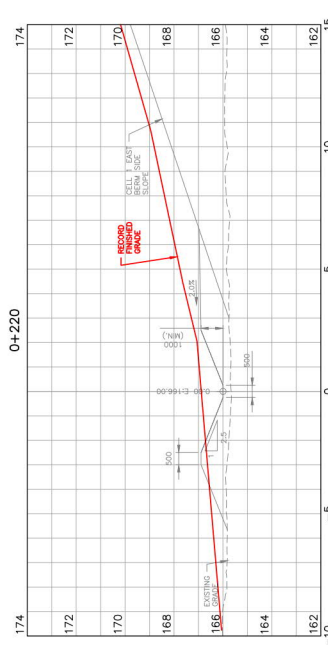
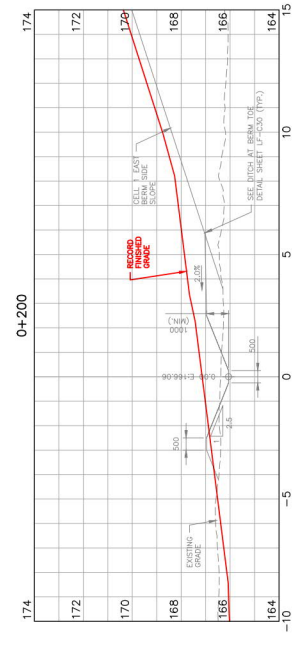
Originally Stamped
K. G. Barnes

Originally Stamped
C. R. Shortall

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 Verify elevations and/or dimensions on drawing prior to use.
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<p>RECORD DRAWING</p> <p>THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF ONTARIO PEO #10 DILLON CONSULTING 2022 ET 18</p>	<p>RECORD DRAWING</p>	<p>Originally Stamped C. R. Shortall</p>	<p>Originally Stamped K. G. Barnes</p>	<p>CONDITIONS OF USE</p> <p>Verify elevations and/or dimensions on drawing prior to use. Report any discrepancies to Dillon Consulting Limited. Do not scale dimensions from drawing. Do not modify drawing, its use or reuse it for purposes other than those intended without the written permission from Dillon Consulting Limited.</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>2</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>3</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>4</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>5</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>6</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>7</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>8</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>9</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> <tr> <td>10</td> <td>2024/09/24</td> <td>US</td> <td>ISSUED FOR APPROVAL</td> </tr> </tbody> </table>	NO.	DATE	BY	REVISION	1	2024/09/24	US	ISSUED FOR APPROVAL	2	2024/09/24	US	ISSUED FOR APPROVAL	3	2024/09/24	US	ISSUED FOR APPROVAL	4	2024/09/24	US	ISSUED FOR APPROVAL	5	2024/09/24	US	ISSUED FOR APPROVAL	6	2024/09/24	US	ISSUED FOR APPROVAL	7	2024/09/24	US	ISSUED FOR APPROVAL	8	2024/09/24	US	ISSUED FOR APPROVAL	9	2024/09/24	US	ISSUED FOR APPROVAL	10	2024/09/24	US	ISSUED FOR APPROVAL	<p>DATE</p> <p>NOVEMBER 2024</p>	<p>SCALE</p> <p>SCALE: 1:200</p>	<p>PROJECT</p> <p>CITY OF IQALUIT SOLID WASTE LANDFILL</p>	<p>PROJECT NO.</p> <p>19-9543</p>
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CITY OF IQUALUIT
SOLID WASTE LANDFILL

PROJECT NO. 19-9543
DATE: NOVEMBER 2024

CELL 1 DITCH SECTIONS
0+140 TO 0+240

RECORD DRAWING

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF ALBERTA
REGISTERED PROFESSIONAL ENGINEER
PE 5010
DILLON CONSULTING
2022 ET 18

DESIGNED BY: C.F.S.
CHECKED BY: J.S.N.
DATE: DEC 01 2024

DATE: NOVEMBER 2024
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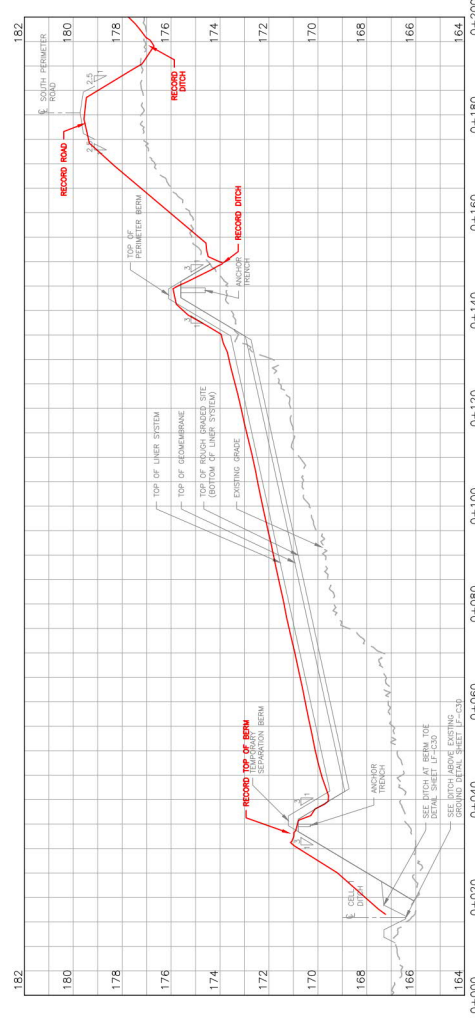
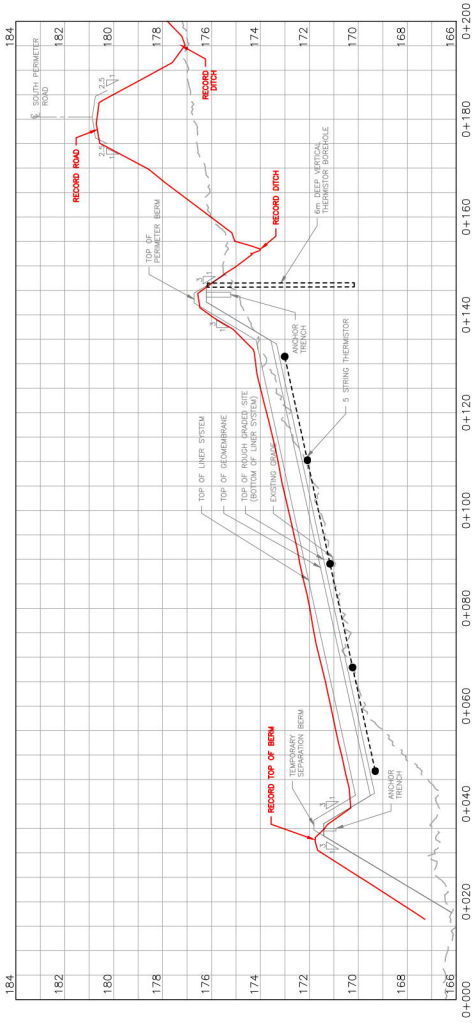
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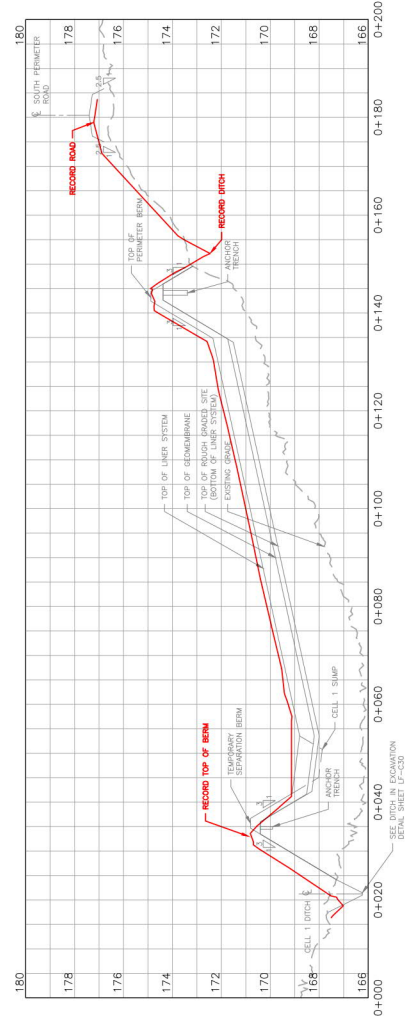
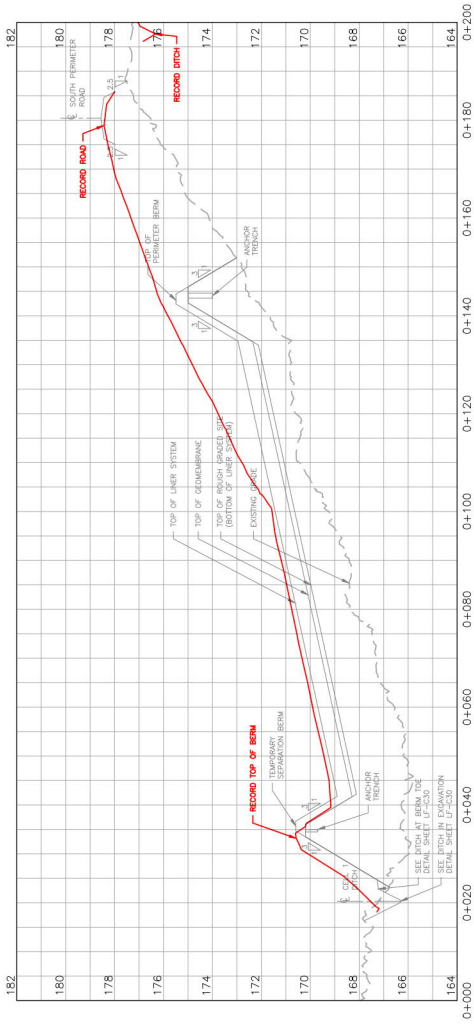
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PE 010
 DILLON CONSULTING
 2022 ET 18



NO.	DATE	BY	FOR
1	2024/10/08	SJA	FOR CONSTRUCTION
2	2024/04/14	US	RELEASED FOR TENDER
3	2024/04/14	US	REVIEW

CITY OF IQALUIT
 SOLID WASTE LANDFILL
 CELL 1 - SECTIONS 7 AND 8
 PROJECT NO. 19-9543
 SHEET NO. LF-C23





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 DILLON CONSULTING
 2022.07.18



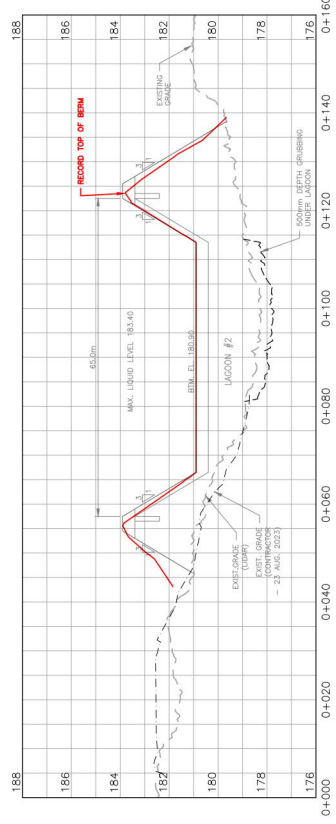
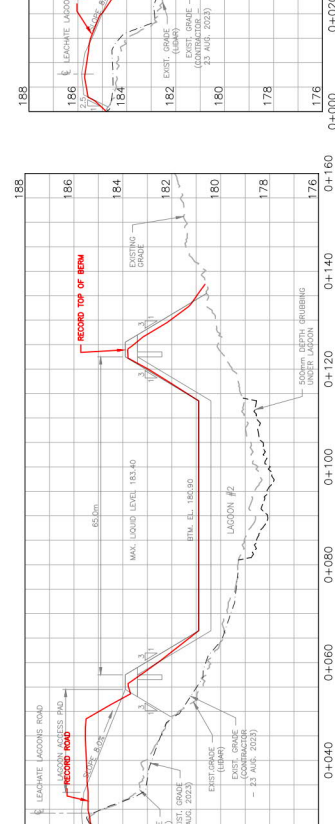
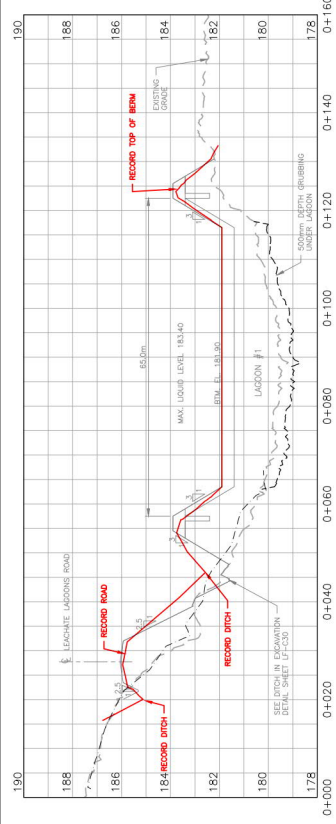
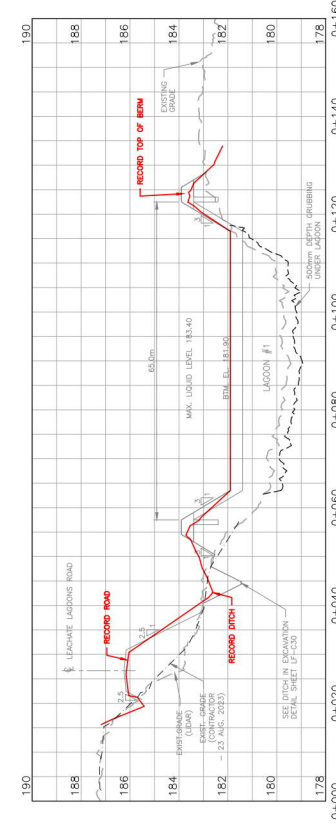
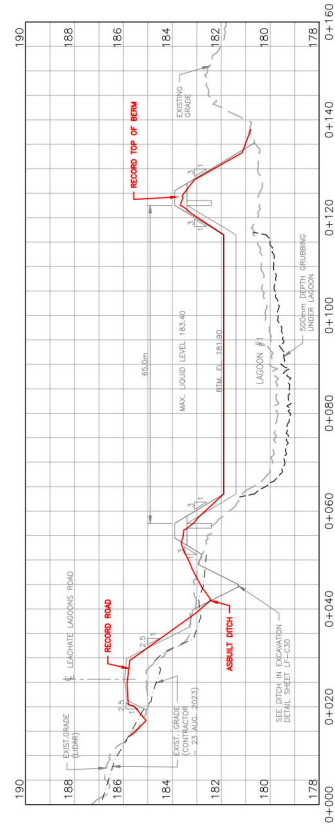
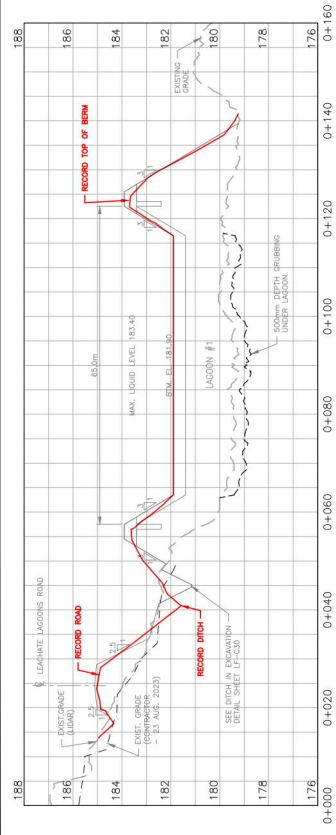
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3	2024/04/18	US	REVIEW

DATE	BY	FOR
08/01/24	US	FOR REVIEW
11/08/24	US	FOR REVIEW

CITY OF IQALUIT
 SOLID WASTE LANDFILL
 CELL 1 - SECTIONS 9 AND 10

PROJECT NO.
19-9543
 SHEET NO.
LF-C24





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 K. G. Barnes

RECORD DRAWING
 THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE NUMBERED REGISTER OF ENGINEERS DILLON CONSULTING 2022 ET 18



NO.	DATE	BY	FOR
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3	2024/09/05	US	FOR REVIEW
4	2024/09/05	US	FOR REVIEW
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9	2024/09/05	US	FOR REVIEW
10	2024/09/05	US	FOR REVIEW

CITY OF IQALUIT
SOLID WASTE LANDFILL
LEACHATE LAGOONS
SECTIONS 1 TO 6

PROJECT NO: 19-9543
 SHEET NO: LF-C27



