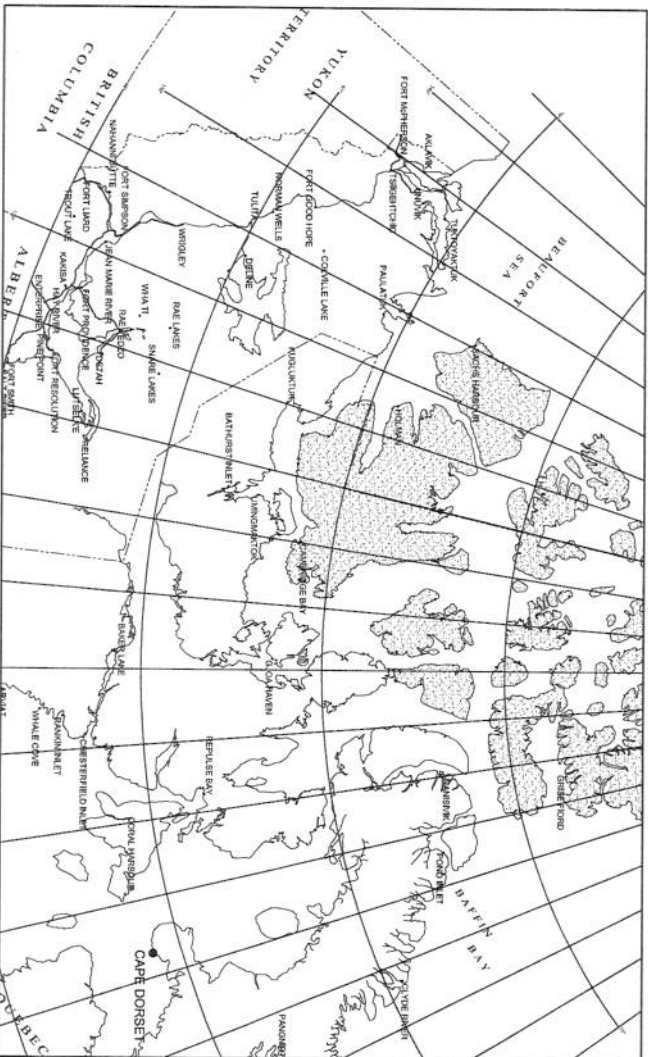

APPENDIX A

RECORD DRAWINGS



PROJECT: P LAKE AREA - SEWAGE LAGOON SYSTEM RECORD DRAWINGS
LOCATION: CAPE DORSET, N.U.
PROJECT NO: 3439
DATE: NOVEMBER 2007



LOCATION PLAN

DILON
CONSULTING



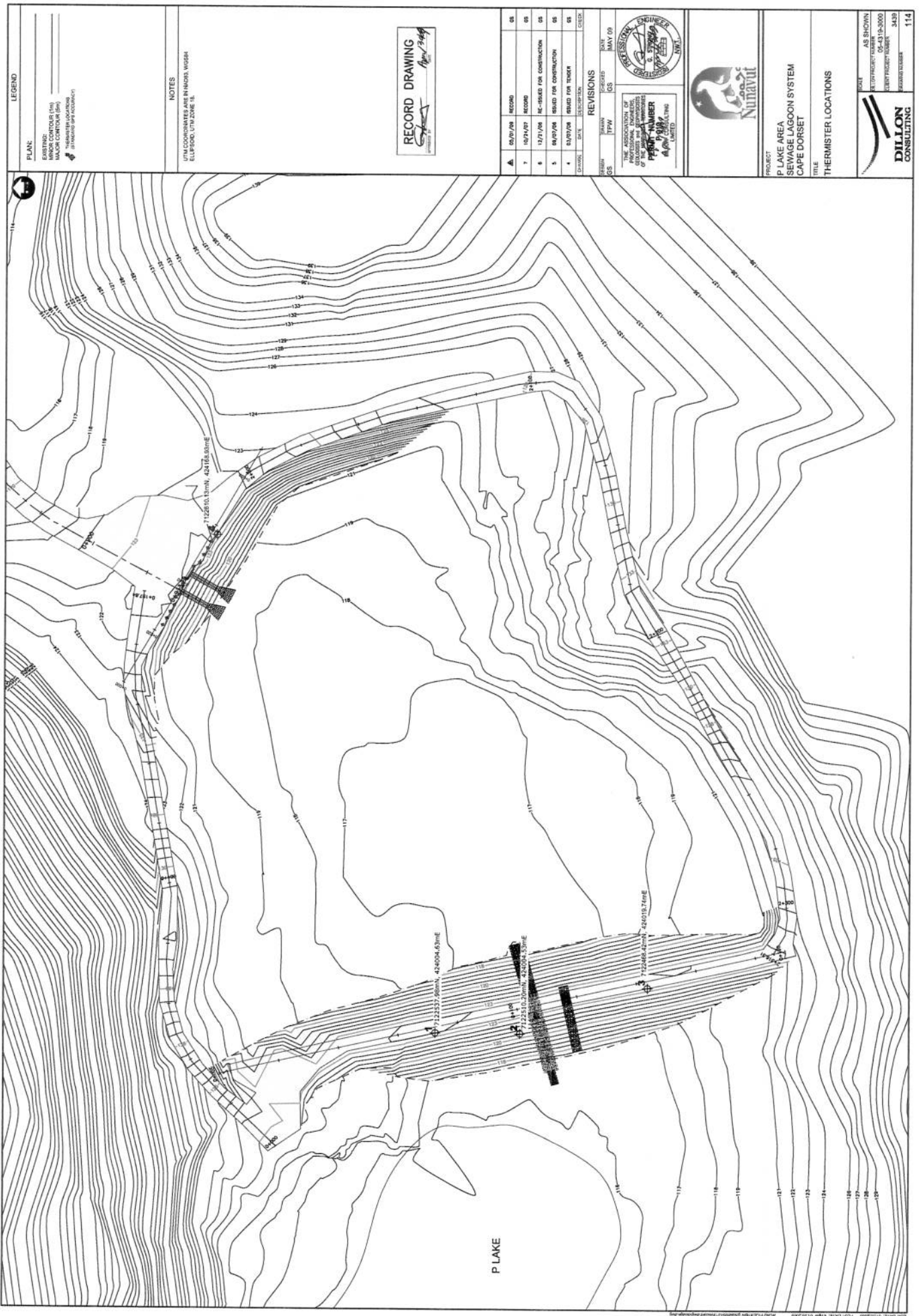
Sheet Number	Sheet Title
000	Cover
001	Site Plan
002	Exposure Assessment: Heavy and Toxic Contaminant Map
003	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
004	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
005	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
006	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
007	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
008	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
009	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
010	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
011	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
012	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010
013	Exposure Assessment: Air Quality and PM ₁₀ Station Data to 2010

RECORD DRAWING
APPROVED BY: *[Signature]*
DATE: 02/12/07

OLIVIA
A
VINTAGE
SCALE 111000

AS SHOWN	70%
BUILD PROJECT AHEAD	
(6-4) 9-3000	
BUILD PROJECT AHEAD	
3489	
FINALLY FINISHED	100%

305



LEGEND

PLAN:
EXISTING
MINOR CONTOUR (1m)
MAJOR CONTOUR (5m)
ROAD
RAILWAY
BANKING (SP ACCORDING)

NOTES

UTM COORDINATES ARE IN NAD83 WGS84
ELLIPSOID, UTM ZONE 18

RECORD DRAWING
SIGNED: [Signature]
DATE: 10/1/2010

NO.	DATE	REVISION
1	10/1/2010	REVISION FOR CONSTRUCTION
2	10/1/2010	REVISION FOR CONSTRUCTION
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9	10/1/2010	REVISION FOR CONSTRUCTION
10	10/1/2010	REVISION FOR CONSTRUCTION

REVISIONS

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8	10/1/2010	REVISION FOR CONSTRUCTION
9	10/1/2010	REVISION FOR CONSTRUCTION
10	10/1/2010	REVISION FOR CONSTRUCTION

THE ASSOCIATION OF
PROFESSIONAL ENGINEERS
OF THE PROVINCE OF ONTARIO
REGISTERED PROFESSIONAL ENGINEER
No. 12345
A. J. Smith
LIMITED

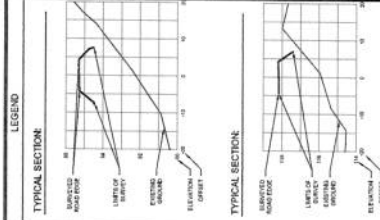


PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE DORSET

TITLE
THERMISTER LOCATIONS

AS SHOWN
REVISIONS
05-4315-2000
REVISION NUMBER
3430
REVISION NUMBER
114

DILLON
CONSULTING



- GRAVEL SURFACE IS 100mm DEEP 15mm MINUS
- RUB RAP IS 200mm DEEP 5mm MINUS

NOTES



**DRAWING REDUCED
NOT TO SCALE**

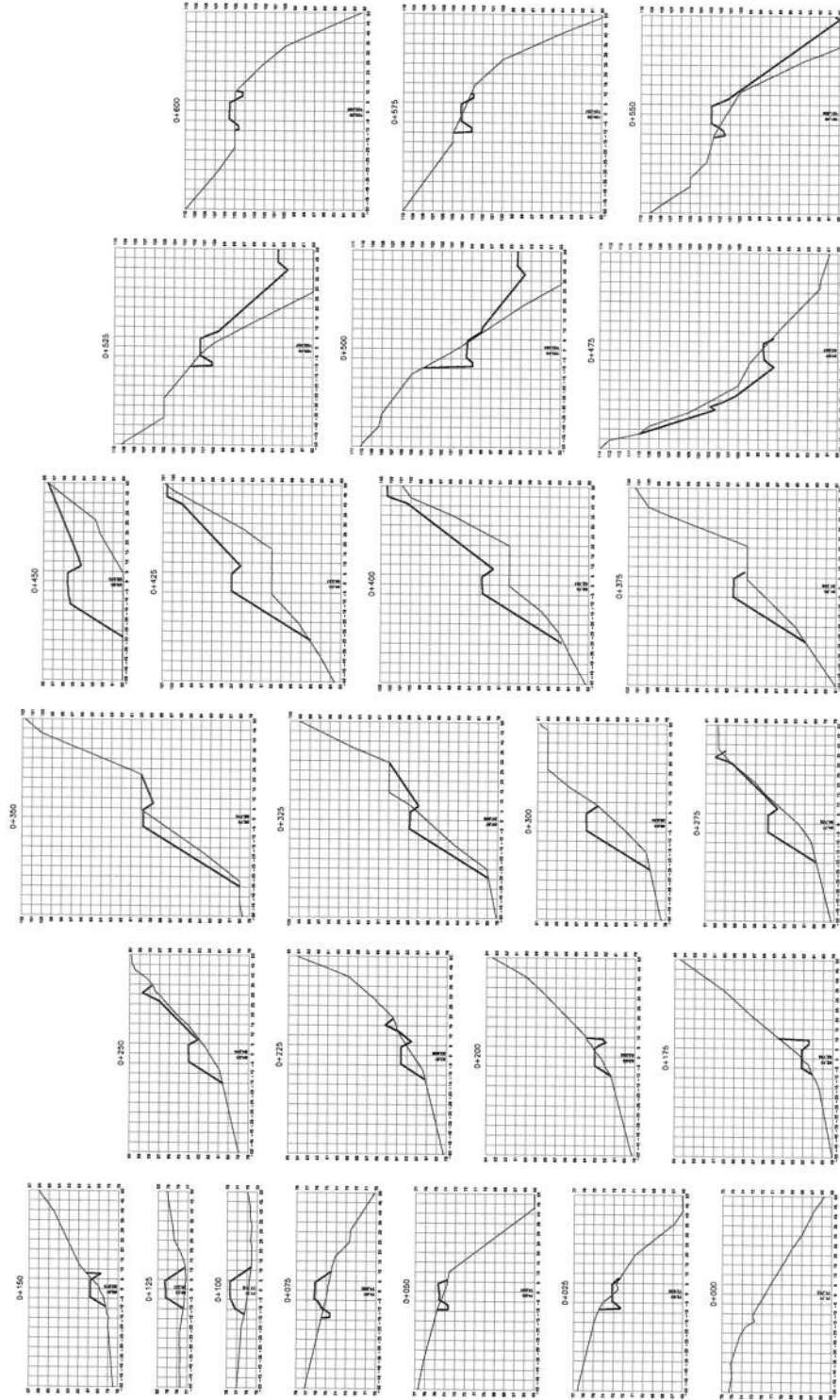
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	6	12/21/86	RE-ISSUED FOR CONSTRUCTION	CS
	5	08/07/86	ISSUED FOR CONSTRUCTION	CS
	4	03/07/86	ISSUED FOR TENDER	CS
	3	01/02/86	S&B SUBMISSION	CS
		DATE	DESCRIPTION	CATION



PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE DORSET

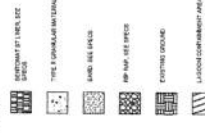
TITLE
DESIGN CROSS SECTIONS STATION 0+000 TO 0+600

 DILLON CONSULTING	DATE	AS SHOWN
	CLIENT PROJECT NUMBER	05-4315-3000
	CLIENT PROJECT NUMBER	3429
	ISSUING NUMBER	105



F ROAD CROSS SECTIONS 0+000 TO 0+600

LEGEND



NOTES:
 1. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN METERS.
 2. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN METERS.
 3. FOR EMBANKMENT 1.5% SLOPE SPECIFICATIONS.
 4. FOR EMBANKMENT 1.5% SLOPE SPECIFICATIONS.
 5. FOR EMBANKMENT 1.5% SLOPE SPECIFICATIONS.
 6. FOR EMBANKMENT 1.5% SLOPE SPECIFICATIONS.
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 11. FOR EMBANKMENT 1.5% SLOPE SPECIFICATIONS.
 12. FOR EMBANKMENT 1.5% SLOPE SPECIFICATIONS.



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 NOT TO SCALE**

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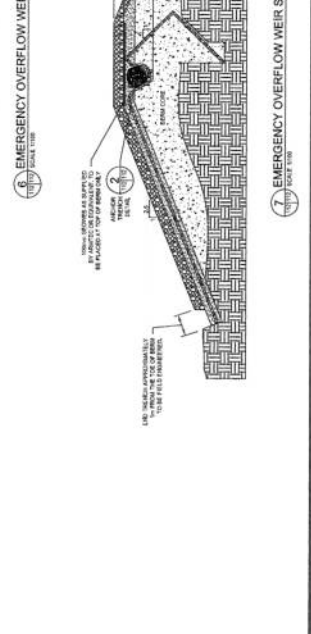
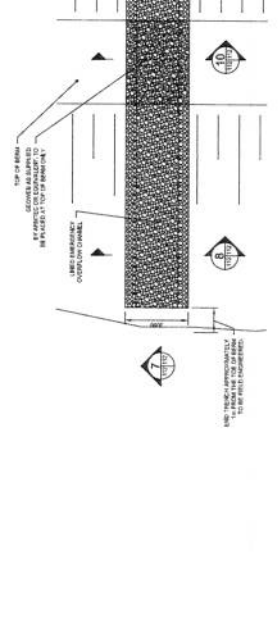
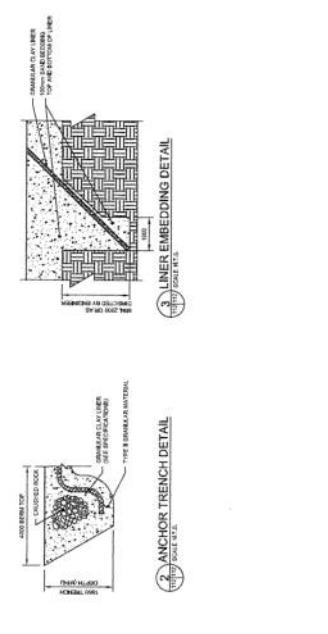
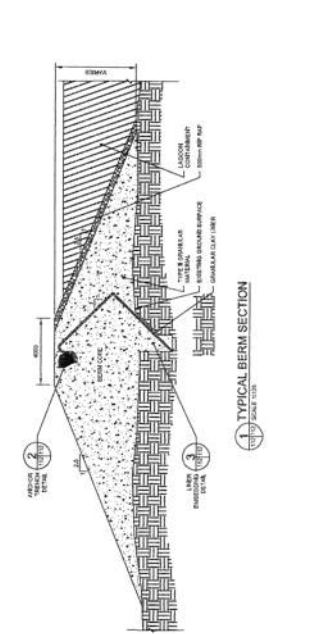
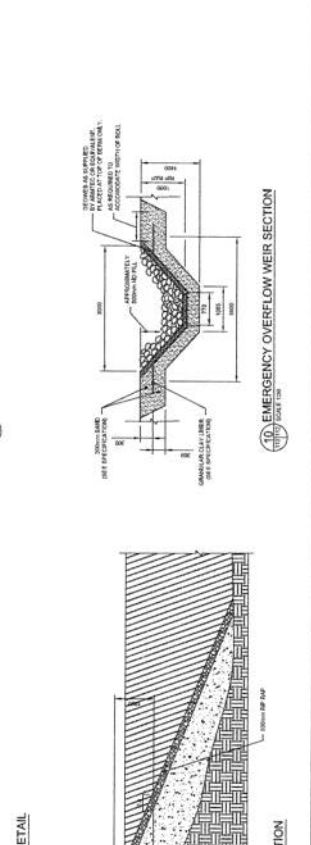
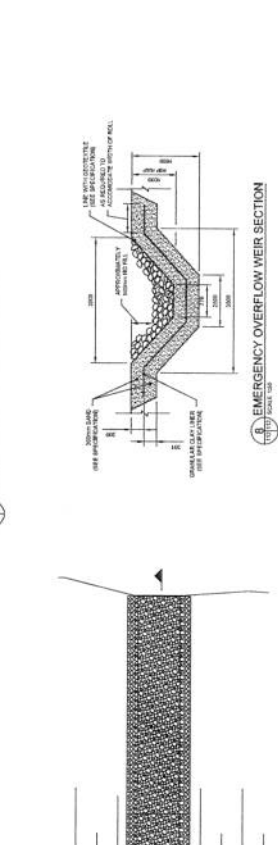
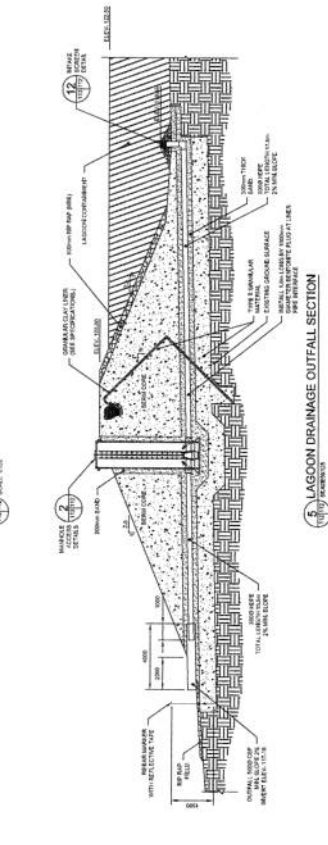
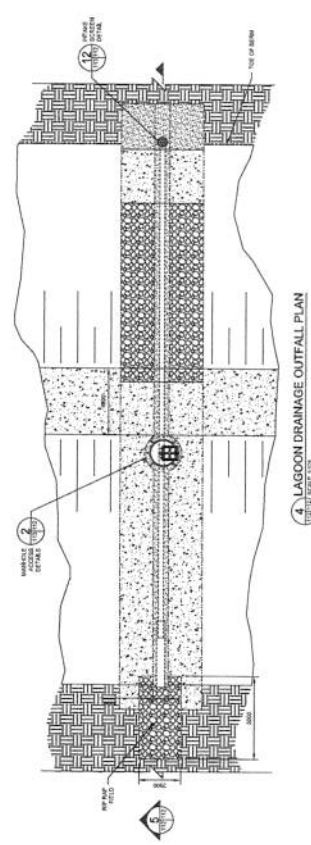
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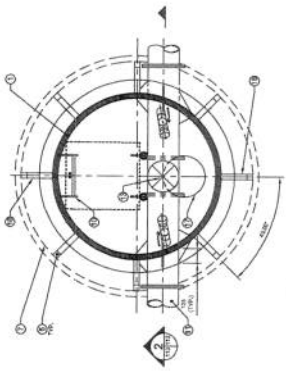


**PLANE AREA
 SEWAGE LAGOON SYSTEM
 CAPE DORSET**

**LAGOON BERM SECTIONS AND
 DETAILS**

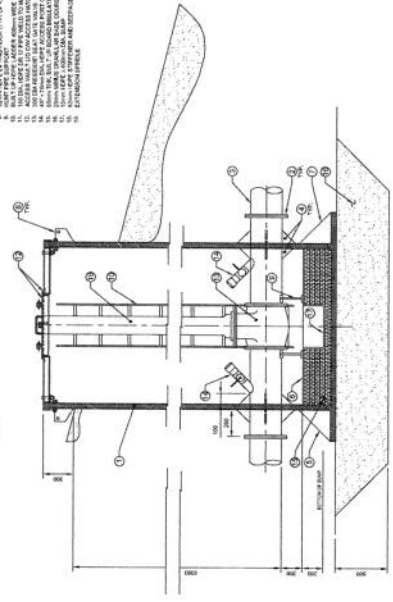
AS SHOWN
 06-01-15-2002
 SHEET PROJECT NUMBER
 3450
 112



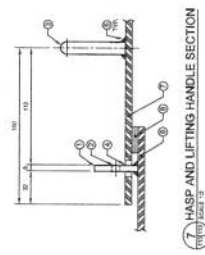


1 WATER SUPPLY LINE MANHOLE PLAN
SCALE 1:20

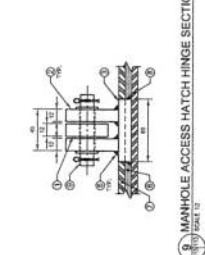
- NOTES:**
1. ACCESS MANHOLE LID & HATCHABLE FRAME SHALL BE 1500mm x 1500mm x 100mm MIN. THICKNESS. REFER TO DRAWING 10-11 FOR DETAILS.
 2. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 3. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 4. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
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 10. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 11. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 12. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.



2 WATER SUPPLY LINE MANHOLE SECTION
SCALE 1:20



6 HASP AND LIFTING HANDLE DETAIL
SCALE 1:2



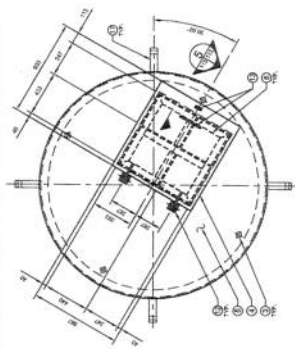
7 HASP AND LIFTING HANDLE SECTION
SCALE 1:2



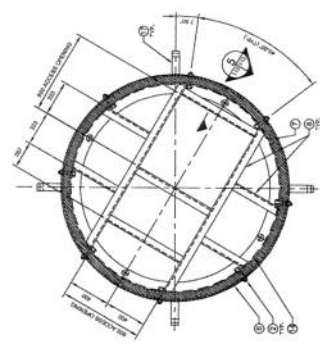
8 MANHOLE ACCESS HATCH HINGE DETAIL
SCALE 1:2



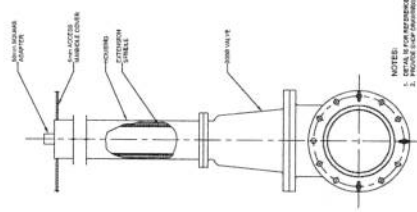
9 MANHOLE ACCESS HATCH HINGE SECTION
SCALE 1:2



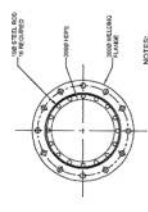
3 MANHOLE ACCESS HATCH FRAMING DETAIL
SCALE 1:20



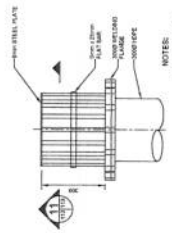
4 MANHOLE LID FRAMING DETAIL
SCALE 1:20



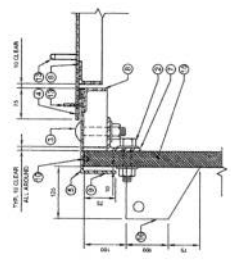
10 EXTENSION SPINDLE DETAIL
SCALE 1:2



11 INTAKE SCREEN SECTION
SCALE 1:2



12 INTAKE SCREEN DETAIL
SCALE 1:2



MANHOLE ACCESS SECTION
SCALE 1:2

- NOTES:**
1. ACCESS MANHOLE LID & HATCHABLE FRAME SHALL BE 1500mm x 1500mm x 100mm MIN. THICKNESS. REFER TO DRAWING 10-11 FOR DETAILS.
 2. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 3. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
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 12. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.

RECORD DRAWING

**DRAWING REDUCED
NOT TO SCALE**

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11	12/14/07	REVISION	ES	ES
12	12/14/07	REVISION	ES	ES

PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE CORSET

TITLE
ACCESS MANHOLE DETAILS

DATE
12/14/07

DESIGNED BY
AS SHOWN

CHECKED BY
ES

DATE
12/14/07

SCALE
1:20

113

APPENDIX-B

WATER LICENSE



P.O. Box 119
GJOA HAVEN, NU X0B 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369

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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

File No: 3BM-CAP0810

March 7, 2008

Honorable Chuck Strahl, P.C., M.P.
Minister of Indian Affairs & Northern Development
and Federal Interlocutor for Metis and Non-Status Indians
21st Floor, 10 Wellington
Gatineau, Quebec K1A 0H4

By Courier, Email and Regular Mail

Subject: Licence 3BM-CAP0810 – Cape Dorset, Nunavut

Dear Minister:

Please find enclosed an amended Licence 3BM-CAP0810 duly issued by the Nunavut Water Board (NWB).

The amendment to this Licence authorizes the Hamlet of Cape Dorset, to dispose of waste in relation the disposal, treatment and discharge of sewage effluent for municipal operations at Cape Dorset. This Type B Licence is being sent to you for your approval in accordance with Section 56(1) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (Act) as the Board determined pursuant to subsection 51(2) of the Act that it is in the public interest to hold a public hearing on the amendment application.

As set out in the Board's Reasons for Decision, attached for your information, this decision was particularly difficult for the Board. The Board has concluded that the current sewage lagoon system has failed. At the same time, construction of the new sewage lagoon was completed prior to the Public Hearing. The new sewage lagoon appears to have been built without environmental assessment, and certainly without this Board's regulatory review and approval.

Without the benefit of environmental assessment or regulatory direction, the evidence supports that the new sewage lagoon, has been built in a location with unfavourable geological characteristics; the integrity of the design is seriously questioned by technical reviewers; and the facility has not been constructed in accordance with construction drawings, omitting design elements essential to mitigating the design risks (i.e. thermistors installations). Furthermore, the new lagoon is accessible only by

a road that the Board believes is likely to prove unusable during winter months, forcing continued reliance on the existing lagoon.

While the new lagoon system poses serious risks, the Board is satisfied that with appropriate conditions these risks can be mitigated. Moreover, this is likely the only mechanism for the Hamlet to come into compliance with the Act and the terms of the Licence. Accordingly, the Board has decided that the optimum benefit for the residents of Nunavut is derived from a decision to issue the amendment to the Licence.

The Board's decision relies heavily on the need for mitigating risks posed by the new lagoon system and has set out corresponding conditions in the amended Licence, including specified responsibilities of the Her Majesty in right of Canada pursuant to 70(2) of the Act. The Board believes these conditions are essential to achieving optimum benefit for the residents of Nunavut and asks that the Minister approve this Licence only if INAC inspectors are committed to comply with the responsibilities specified in the Licence and pursuant to the Act.

Through the conditions set out in the Licence, the Board will carefully monitor the Hamlet's efforts to come into compliance with the Licence. If at any point the Board determines that future failure to comply with key conditions set out in the Licence such that the balance of the benefit to the residents of Nunavut changes, the Board is prepared to exercise its authority pursuant to clause 43(1)(c)(iii) of the Act to recommend cancellation of the licence if the Board determines it is in the public interest to do so.

If your office wishes to receive a full Records of Proceedings please contact our head office. The Licence is in your hands to be considered in accordance with section 56 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*.

Please contact the undersigned in writing should you have any questions regarding this matter.

Sincerely,



Thomas Kabloona
A/Chair

Attachment: Licence No: 3BM-CAP0810 and Decision

c.c. Cape Dorset Distribution List
NWB Public Registry