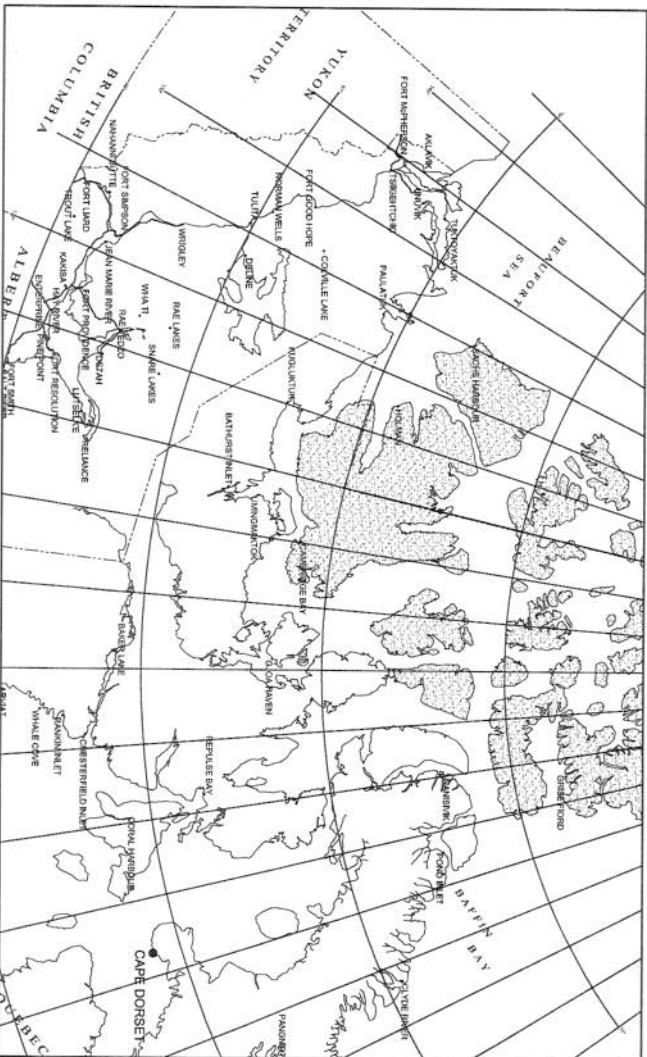

APPENDIX A

RECORD DRAWINGS



THE GOVERNMENT OF NUNAVUT COMMUNITY AND GOVERNMENT SERVICES

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



LOCATION PLAN

Drawing List

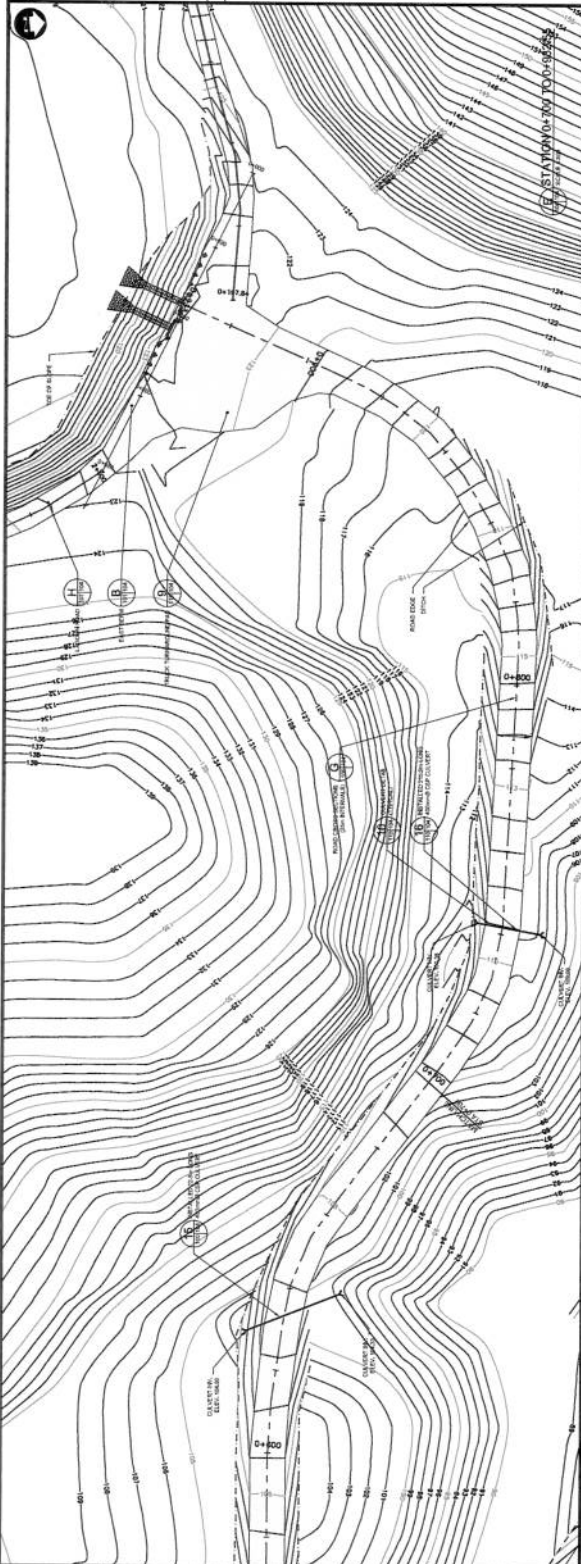
Drawing Number	Sheet Title
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101	Drawings
102	Drawings
103	Drawings
104	Drawings
105	Drawings
106	Drawings
107	Drawings
108	Drawings
109	Drawings
110	Drawings
111	Drawings
112	Drawings
113	Drawings



DILTON
CONSULTING

DILLON	AS SHOWN
CONSULTING	86-439-3000
	3439
	100

305



RECORD DRAWING
NOT TO SCALE

NO.	REVISION
1	1/27/06 RE-CLOSE FIRE CONSTRUCTION
2	5/24/06 RE-CLOSE FIRE CONSTRUCTION
3	5/24/06 RE-CLOSE FIRE CONSTRUCTION
4	5/24/06 RE-CLOSE FIRE CONSTRUCTION
5	5/24/06 RE-CLOSE FIRE CONSTRUCTION
6	5/24/06 RE-CLOSE FIRE CONSTRUCTION
7	5/24/06 RE-CLOSE FIRE CONSTRUCTION
8	5/24/06 RE-CLOSE FIRE CONSTRUCTION
9	5/24/06 RE-CLOSE FIRE CONSTRUCTION
10	5/24/06 RE-CLOSE FIRE CONSTRUCTION

REVISIONS
1. 1/27/06 RE-CLOSE FIRE CONSTRUCTION
2. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
3. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
4. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
5. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
6. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
7. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
8. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
9. 5/24/06 RE-CLOSE FIRE CONSTRUCTION
10. 5/24/06 RE-CLOSE FIRE CONSTRUCTION

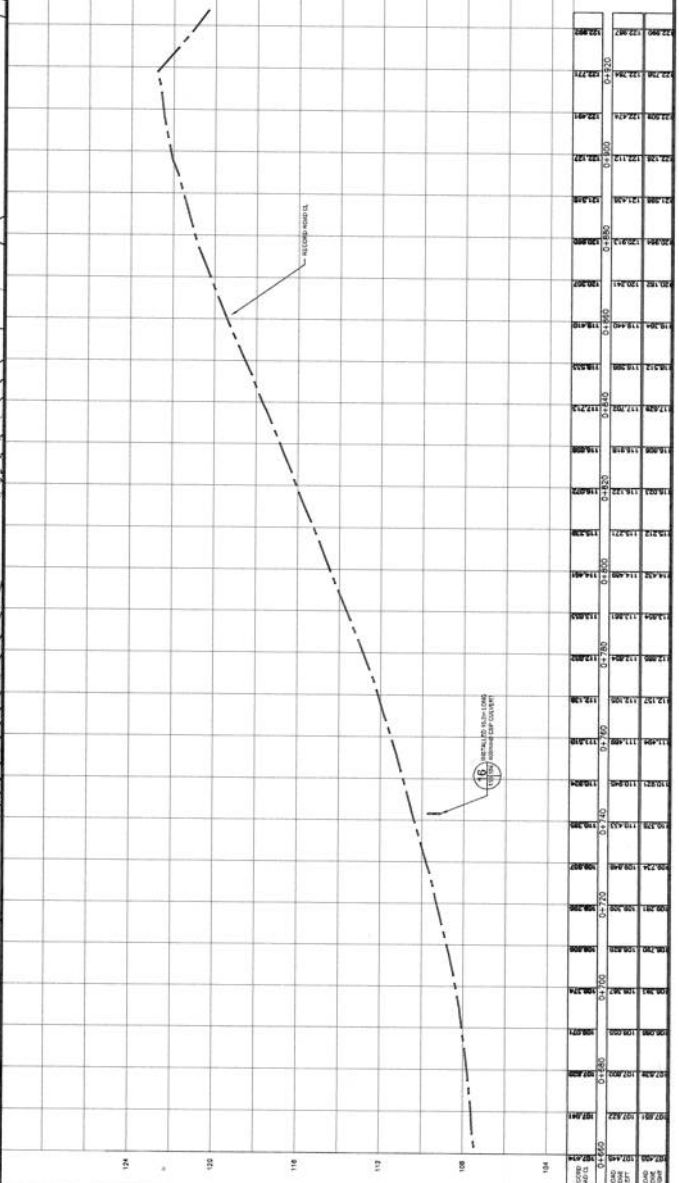


PROJECT
P-LAKE AREA
SERVICE LAGOON SYSTEM
CAPE DORSET

TITLE
ROAD PLAN AND PROFILE
STATION 0+000 TO 0+652.56

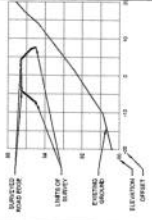
DATE
AS SHOWN
24-03-2006
24-03-2006
24-03-2006
24-03-2006

DILLON CONSULTING

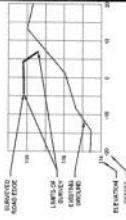


LEGEND

TYPICAL SECTION



TYPICAL SECTION



CONTRACT NO. 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

NOTES

RECORD DRAWING
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

**DRAWING REDUCED
 NOT TO SCALE**

NO.	REVISIONS	DATE
1	10/2017/10	10/2017/10
2	10/2017/10	10/2017/10
3	10/2017/10	10/2017/10
4	10/2017/10	10/2017/10
5	10/2017/10	10/2017/10
6	10/2017/10	10/2017/10
7	10/2017/10	10/2017/10
8	10/2017/10	10/2017/10
9	10/2017/10	10/2017/10
10	10/2017/10	10/2017/10

NO.	REVISIONS	DATE
1	10/2017/10	10/2017/10
2	10/2017/10	10/2017/10
3	10/2017/10	10/2017/10
4	10/2017/10	10/2017/10
5	10/2017/10	10/2017/10
6	10/2017/10	10/2017/10
7	10/2017/10	10/2017/10
8	10/2017/10	10/2017/10
9	10/2017/10	10/2017/10
10	10/2017/10	10/2017/10



PROJECT
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

TITLE
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

DESIGN CROSS SECTIONS
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

SCALE
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

DATE
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

BY
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

CHECKED BY
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

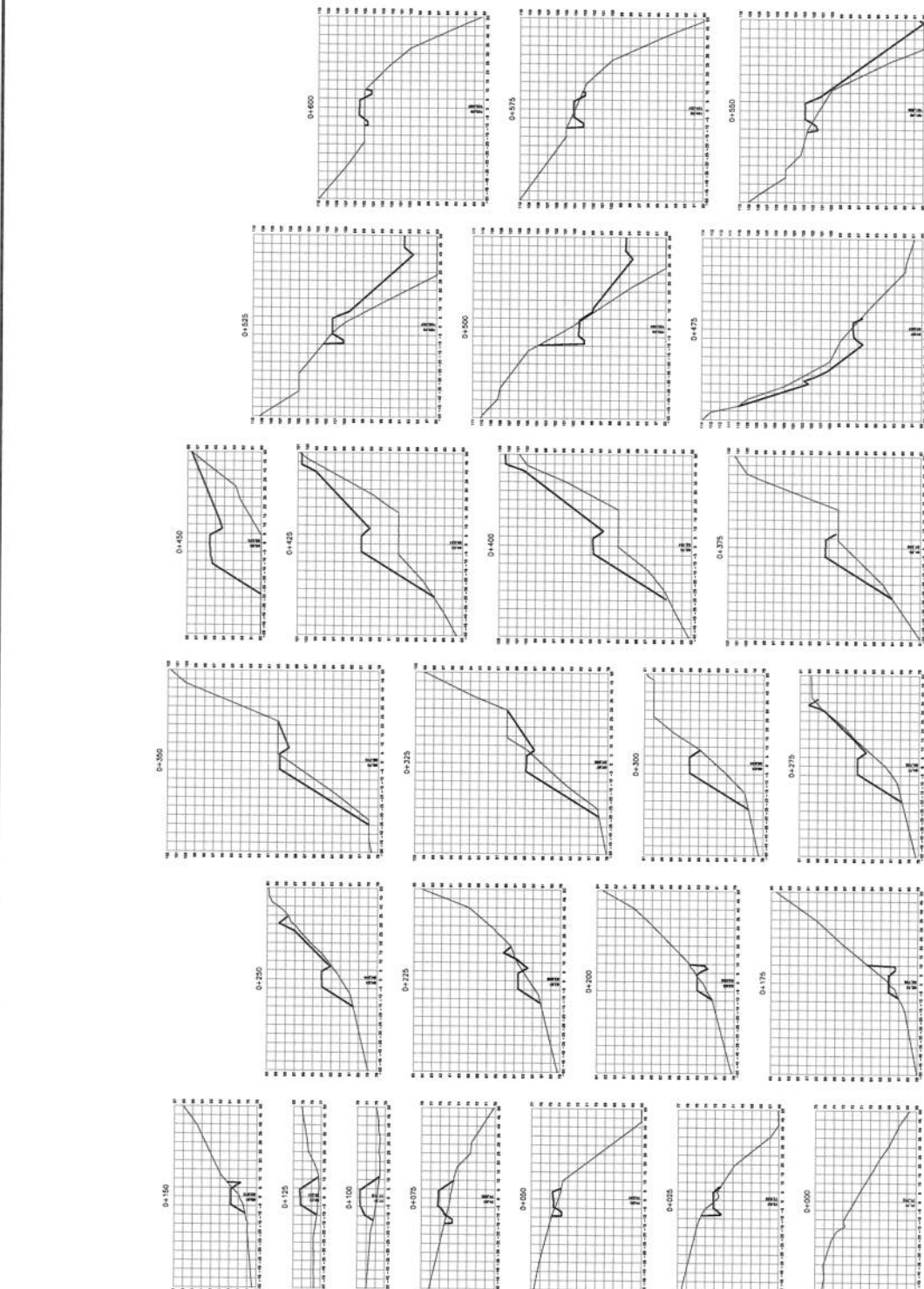
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 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

DATE
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

BY
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

CHECKED BY
 10/2017/10
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 ROAD NO. 10/2017/10

APPROVED BY
 10/2017/10
 ROAD NO. 10/2017/10
 ROAD NO. 10/2017/10

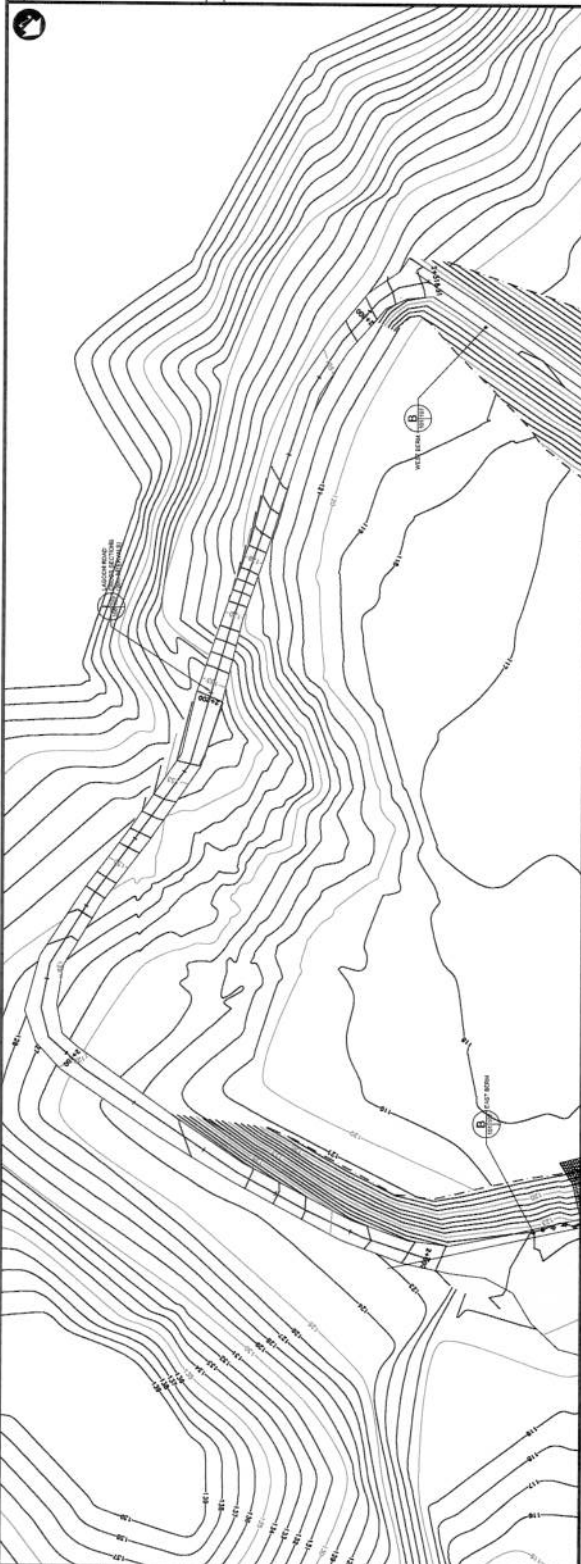


ROAD CROSS SECTIONS 0+000 TO 0+600

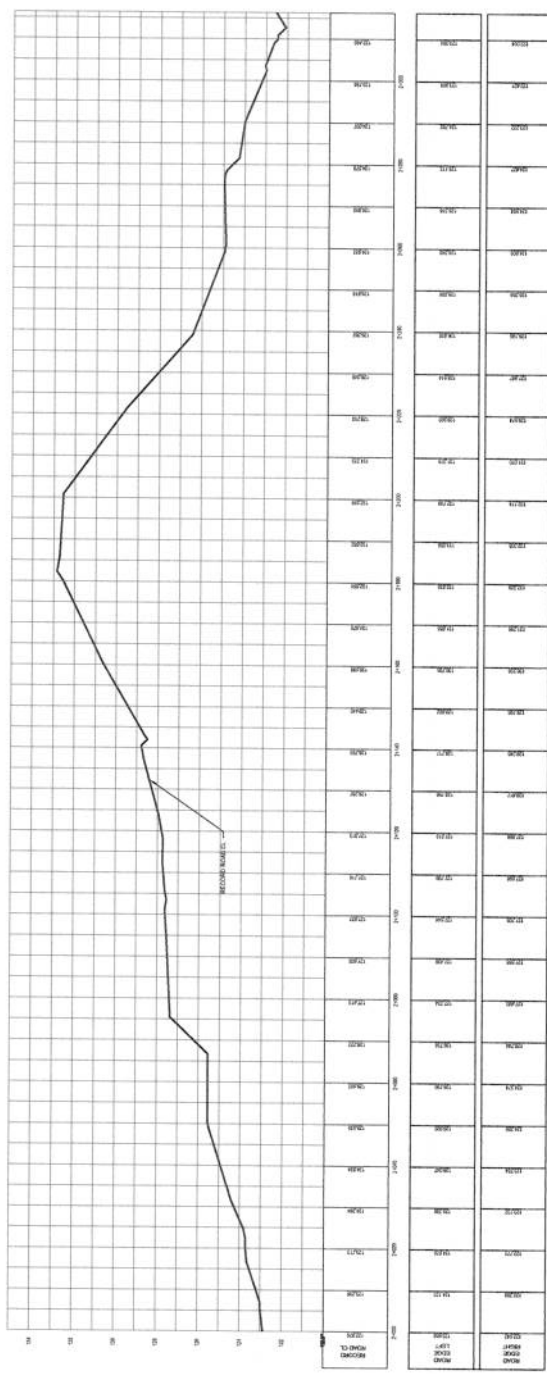
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105



H. LAGOON ROAD
SCALE 1:1000



LEGEND

PLAN	PROFILE
EXISTING	EXISTING
PROPOSED	PROPOSED
ROAD CENTERLINE	ROAD CENTERLINE
TOE OF SLOPE	TOE OF SLOPE
DITCH	DITCH

NOTES

1. DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED OTHERWISE

2. TOP OF ROAD IS 100% GRADE

3. GRADE IS 100% GRADE

4. GRADE IS 100% GRADE

RECORD DRAWING

DRAWING REDUCED NOT TO SCALE

NO.	DATE	DESCRIPTION
1	10/20/07	100% GRADE
2	10/20/07	100% GRADE
3	10/20/07	100% GRADE
4	10/20/07	100% GRADE
5	10/20/07	100% GRADE
6	10/20/07	100% GRADE
7	10/20/07	100% GRADE
8	10/20/07	100% GRADE
9	10/20/07	100% GRADE
10	10/20/07	100% GRADE

REVISIONS

DATE: NOV 07

BY: [Signature]

FOR: [Signature]

THE ASSOCIATION OF PROFESSIONAL ENGINEERS AND SURVEYORS OF THE PROVINCE OF ONTARIO

REGISTERED PROFESSIONAL ENGINEER

REGISTERED PROFESSIONAL SURVEYOR

REGISTERED PROFESSIONAL GEOMATICS ENGINEER

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT

REGISTERED PROFESSIONAL PLANNING

REGISTERED PROFESSIONAL SOCIAL WORKER

REGISTERED PROFESSIONAL NURSING

REGISTERED PROFESSIONAL DENTISTRY

REGISTERED PROFESSIONAL VETERINARY

REGISTERED PROFESSIONAL OPTICIAN

REGISTERED PROFESSIONAL AUDIOLOGIST

REGISTERED PROFESSIONAL PSYCHOLOGIST

REGISTERED PROFESSIONAL SOCIAL WORKER

REGISTERED PROFESSIONAL NURSING

REGISTERED PROFESSIONAL DENTISTRY

REGISTERED PROFESSIONAL VETERINARY

REGISTERED PROFESSIONAL OPTICIAN

REGISTERED PROFESSIONAL AUDIOLOGIST

REGISTERED PROFESSIONAL PSYCHOLOGIST

PROJECT

LAKE AREA
STORMWATER
CAPE DORSET

TITLE

LAGOON ROAD PLAN AND PROFILE
STATION 2+000 TO 2+300.00

DATE

10/20/07

BY

AS SHOWN

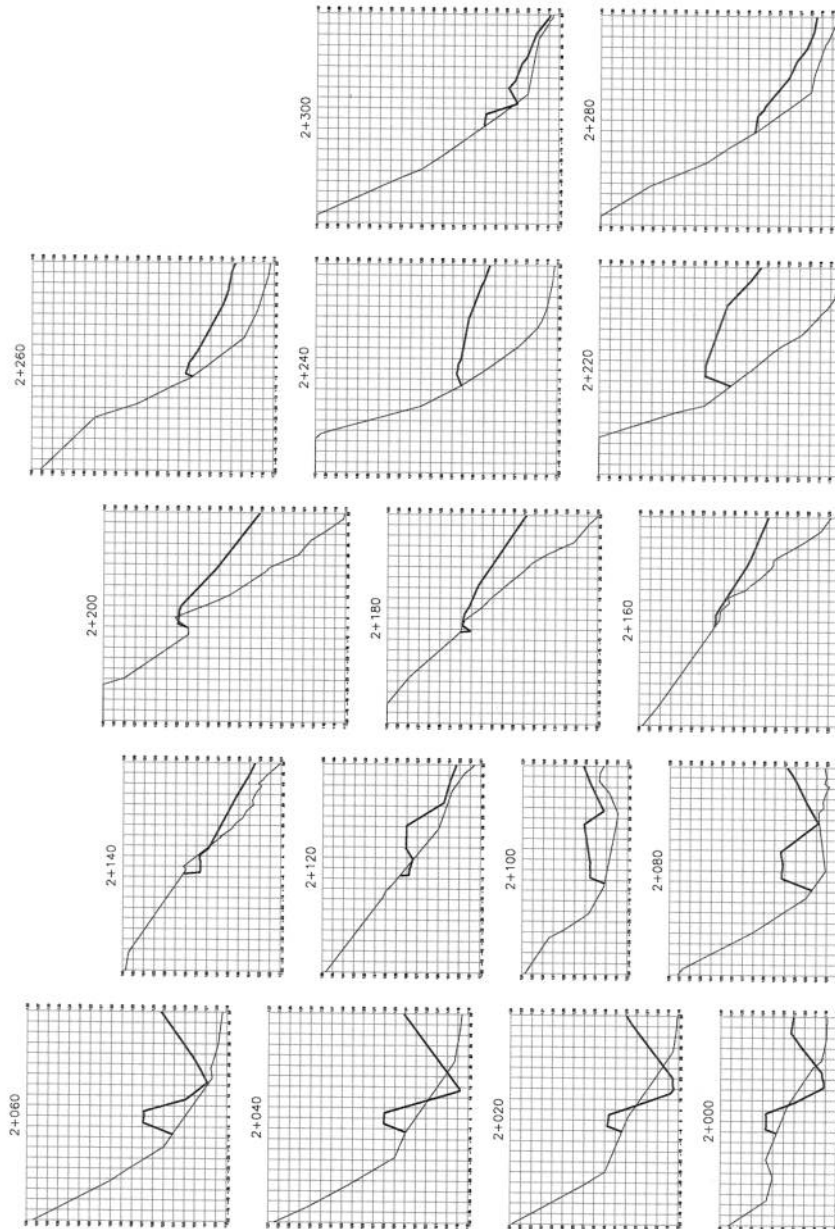
FOR PROJECT NUMBER

2405

SCALE NUMBER

107

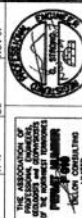
DILLON CONSULTING



**DRAWING REDUCED
NOT TO SCALE**

	A	12/24/07	RECORD	OS
	8	12/21/06	HE-SEALED FOR CONSTRUCTION	OS
	3	09/07/06	SEALED FOR CONSTRUCTION	OS
	4	03/07/06	SEALED FOR TENDER	OS
	3	01/06/06	BULK SUBMISSION	OS
		DATE	DESCRIPTION	CHECK

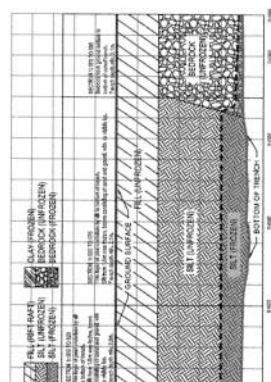
REVISIONS	DATE	BY	REASON FOR	DATE	BY
1	11/07/07	SS	ISSUED FOR	11/07/07	SS



PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE DORSET

TITLE
LAGOON ROAD CROSS SECTIONS
STATION 2+000 TO 2+300

SCALE	AS SHOWN
BUILDING NUMBER	05-4319-3000
CLUMP PROJECT NUMBER	9499
SPACING NUMBER	108



NOTES

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED OTHERWISE

LECTAL NUMBER

DESCRIPTION OF DETAIL

DETAIL REFINISHED

WHERE DETAIL IS SHOWN

(THIS DIMENSION IS NOT TO SCALE)

RECORD DRAWING

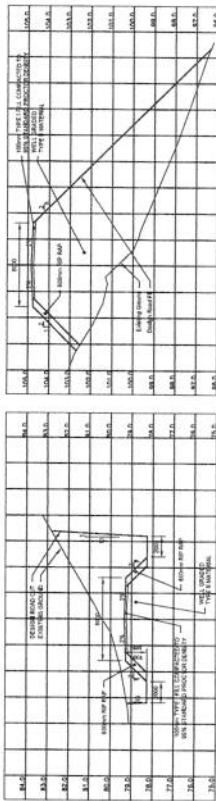
**DRAWING REDUCED
NOT TO SCALE**

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11/21/06	RE-ISSUED FOR CONSTRUCTION	05
08/07/06	ISSUED FOR CONSTRUCTION	05
03/07/06	ISSUED FOR TENDER	05
01/20/06	ISS. SUBMITTION	05
DATE	DESCRIPTION	CHARGE



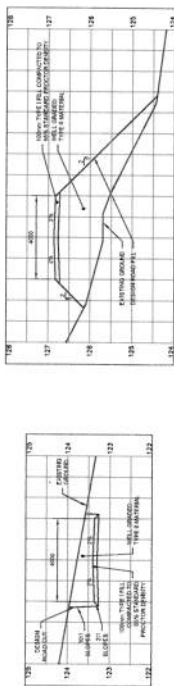
PROJECT	TITLE
P LAKE AREA SEWAGE LAGOON SYSTEM CAPE DORSET	BERM PLANS AND ELEVATIONS





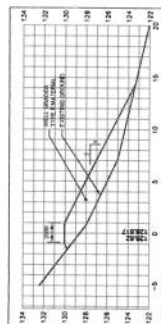
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SCALE 1:100

2. TYPICAL ROAD SECTION (FILL)
SCALE 1:100

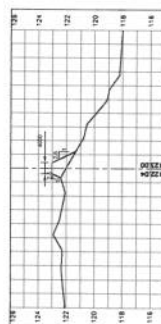


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SCALE 1:100

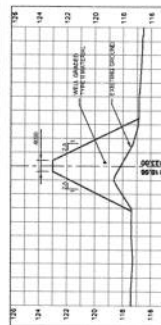
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SCALE 1:100



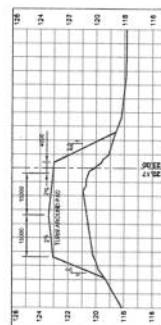
5. NORTH BERM SECTION 0+025
SCALE 1:100



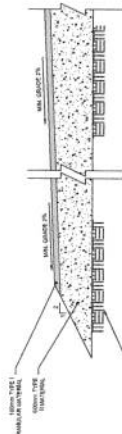
6. EAST BERM SECTION 0+010
SCALE 1:100



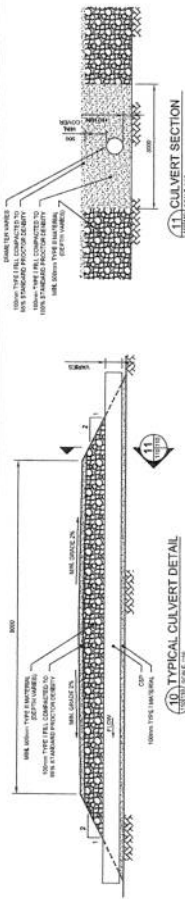
7. WEST BERM SECTION 0+140
SCALE 1:100



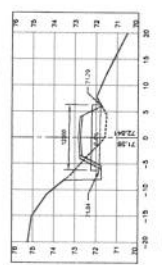
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SCALE 1:100



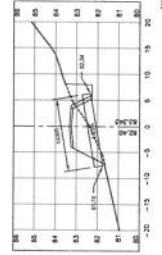
9. TRUCK TURNAROUND PAD SECTION
SCALE 1:100



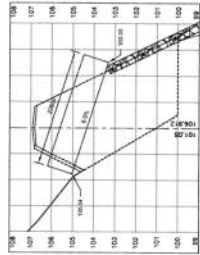
10. TYPICAL CULVERT DETAIL
SCALE 1:100



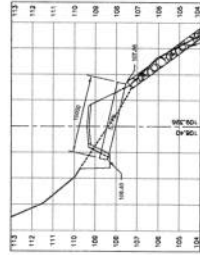
11. CULVERT SECTION AT 0+011.15
SCALE 1:100



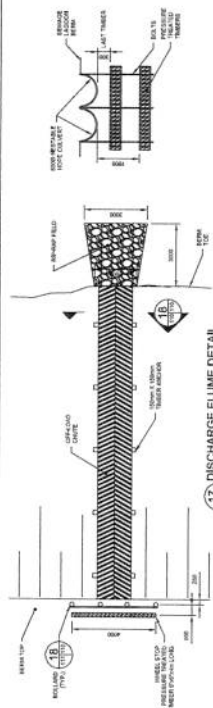
12. CULVERT SECTION AT 0+211.94
SCALE 1:100



13. CULVERT SECTION AT 0+433.34
SCALE 1:100

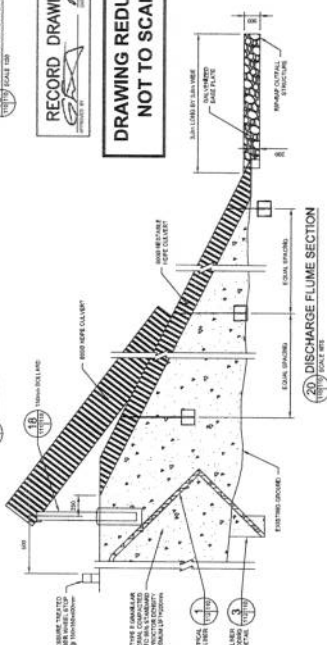


14. CULVERT SECTION AT 0+741.63
SCALE 1:100



15. DISCHARGE FLUME DETAIL
SCALE 1:100

16. OFFLOAD CHUTE SECTION
SCALE 1:100



**DRAWING REDUCED
NOT TO SCALE**

NO.	DATE	DESCRIPTION	BY	CHECKED
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2	01/07/06	ISSUED FOR TENDER	ES	
3	01/07/06	ISSUED FOR TENDER	ES	
4	01/07/06	ISSUED FOR TENDER	ES	
5	01/07/06	ISSUED FOR TENDER	ES	

REVISIONS

DATE: 01/07/06
BY: ES
CHECKED: ES

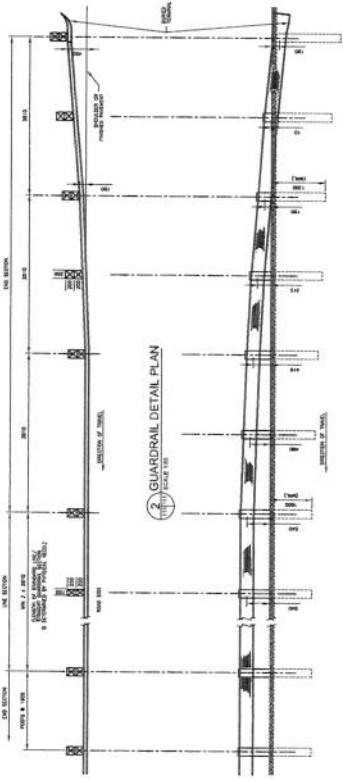
**THE ASSOCIATION OF
CONSULTANTS
PENINSULAR
CONSULTANTS**

PROJECT
PLAKE AREA
SEWAGE LAGOON SYSTEM
CAPE CORSET

TITLE
EARTHWORKS & SEWAGE DISCHARGE
DETAILS AND SECTIONS

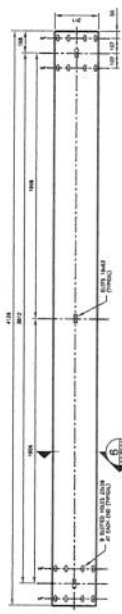
DIL LION CONSULTING

110

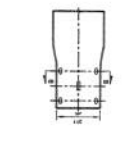


2. GUARDRAIL DETAIL PLAN
SCALE 1:10

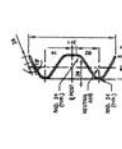
3. GUARDRAIL DETAIL SECTION
SCALE 1:10



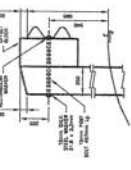
4. STRAIGHT SECTION (BEAM)
SCALE 1:10



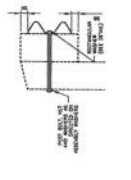
5. WING TERMINAL SECTION
SCALE 1:10



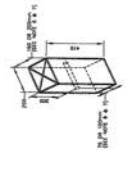
6. GUARDRAIL SECTION
SCALE 1:10



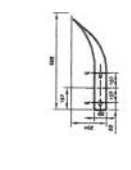
7. POST DETAIL
SCALE 1:10



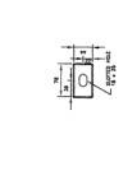
8. ARRANGEMENT AT POST
SCALE 1:10



9. OFFSET BLOCK DETAIL
SCALE 1:10



10. WING TERMINAL PLAN
SCALE 1:10

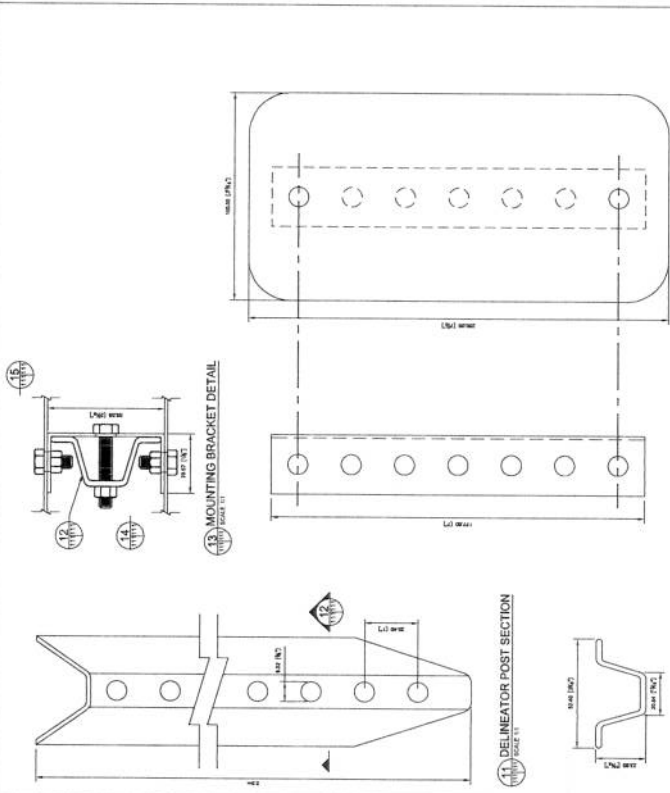


11. RECTANGULAR WASHER
SCALE 1:10

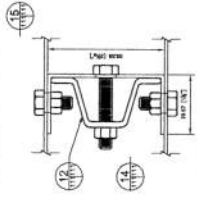
NOTES

1. MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE NUNAVUT DEPARTMENT OF HIGHWAYS AND TRANSPORTATION.
2. THE GUARDRAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NUNAVUT DEPARTMENT OF HIGHWAYS AND TRANSPORTATION SPECIFICATIONS.
3. THE GUARDRAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NUNAVUT DEPARTMENT OF HIGHWAYS AND TRANSPORTATION SPECIFICATIONS.
4. THE GUARDRAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NUNAVUT DEPARTMENT OF HIGHWAYS AND TRANSPORTATION SPECIFICATIONS.

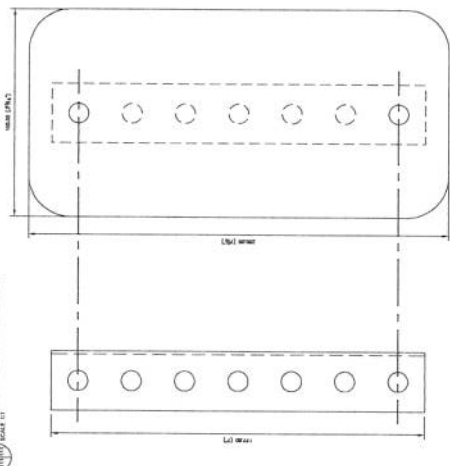
1. GUARDRAIL DETAILS
SCALE 1:10



11. DELINEATOR POST SECTION
SCALE 1:10

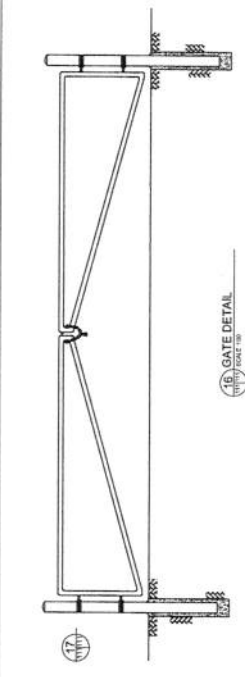


13. MOUNTING BRACKET DETAIL
SCALE 1:10

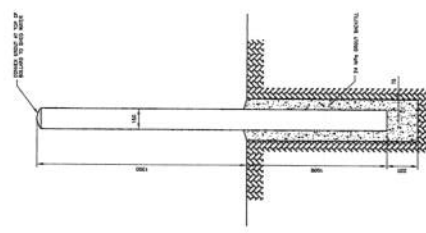


14. MOUNTING BRACKET SECTION
SCALE 1:10

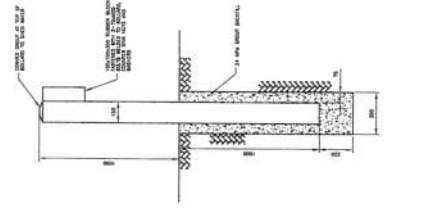
15. DELINEATOR FLASHING
SCALE 1:10



16. GATE DETAIL
SCALE 1:10



17. GATE POST DETAIL
SCALE 1:10



18. BOLLARD DETAIL
SCALE 1:10

RECORD DRAWING

DATE: 10/10/07

BY: [Signature]

PROJECT: 06-4313-2002

REVISION: 2409

DRAWING REDUCED NOT TO SCALE

REVISIONS

NO.	DATE	DESCRIPTION
1	10/10/07	RE-DESIGN FOR CONSTRUCTION
2	10/10/07	RE-DESIGN FOR CONSTRUCTION
3	10/10/07	RE-DESIGN FOR CONSTRUCTION
4	10/10/07	RE-DESIGN FOR CONSTRUCTION
5	10/10/07	RE-DESIGN FOR CONSTRUCTION

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE NUNAVUT TERRITORY

REGISTERED PROFESSIONAL ENGINEER

REG. NO. 1000

DATE: 10/10/07

PROJECT

PLAKE AREA SEWAGE LAGOON SYSTEM

CAPE DORSET

TITLE

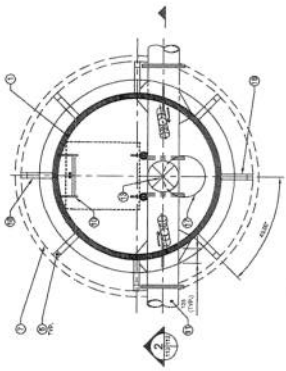
GUARDRAIL - DELINEATOR - GATE DETAILS AND SECTIONS

AS SHOWN

DATE: 06-4313-2002

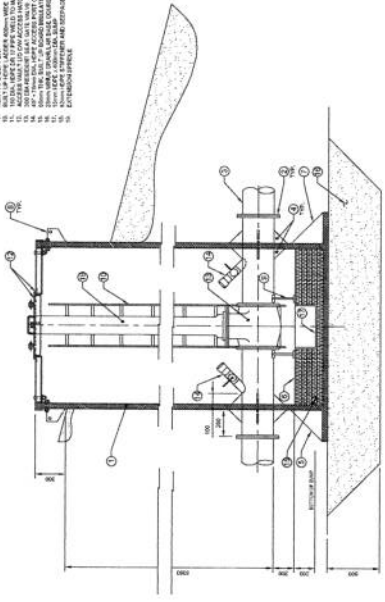
REVISION: 2409

DILLON CONSULTING

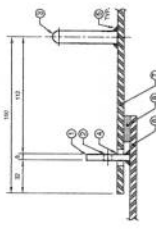


1 WATER SUPPLY LINE MANHOLE PLAN
SCALE 1:20

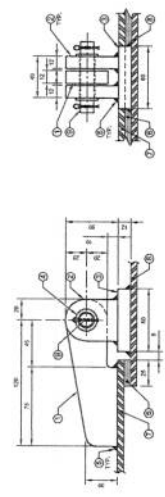
- NOTES:
1. ACCESS MANHOLE LID & HATCHABLE FRAME SHALL BE 1500mm x 1500mm x 100mm MIN. THICKNESS. REFER TO DRAWING 10-100-000 FOR DETAILS.
 2. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 3. THE MANHOLE LID & HATCHABLE FRAME SHALL BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 4. THE MANHOLE LID & HATCHABLE FRAME SHALL BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 5. THE MANHOLE LID & HATCHABLE FRAME SHALL BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 6. THE MANHOLE LID & HATCHABLE FRAME SHALL BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 7. THE MANHOLE LID & HATCHABLE FRAME SHALL BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
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2 WATER SUPPLY LINE MANHOLE SECTION
SCALE 1:20



3 HASP AND LIFTING HANDLE DETAIL
SCALE 1:2



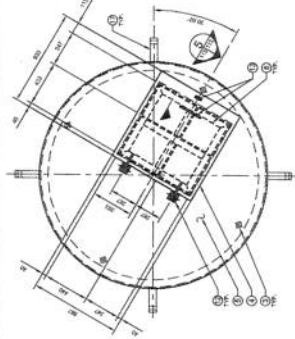
4 MANHOLE ACCESS HATCH HINGE DETAIL
SCALE 1:2



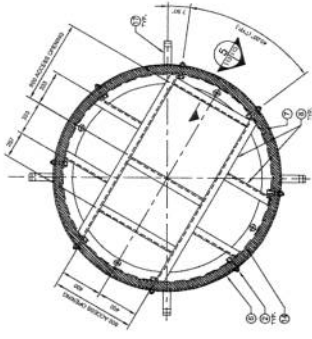
5 HASP AND LIFTING HANDLE SECTION
SCALE 1:2



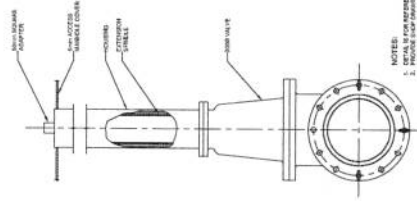
6 MANHOLE ACCESS HATCH HINGE SECTION
SCALE 1:2



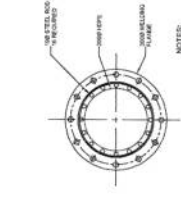
7 MANHOLE ACCESS HATCH FRAMING DETAIL
SCALE 1:20



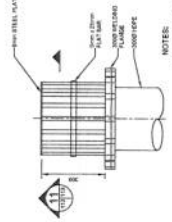
8 MANHOLE LID FRAMING DETAIL
SCALE 1:20



9 INTAKE SCREEN SECTION
SCALE 1:20

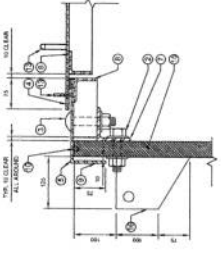


10 INTAKE SCREEN DETAIL
SCALE 1:20



11 INTAKE SCREEN SECTION
SCALE 1:20

12 INTAKE SCREEN DETAIL
SCALE 1:20



13 MANHOLE ACCESS SECTION
SCALE 1:20

- NOTES:
1. ACCESS MANHOLE LID & HATCHABLE FRAME SHALL BE 1500mm x 1500mm x 100mm MIN. THICKNESS. REFER TO DRAWING 10-100-000 FOR DETAILS.
 2. ALL WELLS ARE TO BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
 3. THE MANHOLE LID & HATCHABLE FRAME SHALL BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.
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 12. THE MANHOLE LID & HATCHABLE FRAME SHALL BE WELDED TO THE MANHOLE LID & HATCHABLE FRAME.

RECORD DRAWING
10-100-000

DRAWING REDUCED
NOT TO SCALE

NO.	DATE	REVISION
1	12/14/07	REVISION
2	12/14/07	REVISION
3	12/14/07	REVISION
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100	12/14/07	REVISION

PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE CORSET

TITLE
ACCESS MANHOLE DETAILS

DATE
12/14/07

DESIGNED BY
10-100-000

CHECKED BY
10-100-000

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