

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Phone: (867) 360-6338, Ext. 27
Fax: (867) 360-6369
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Re: Proposed Amendment of the Cape Dorset Water Licence 3BM-CAP 0810.

Dear Ms. Beaulieu,

We submitted the renewal Water Licence application for the Hamlet of Cape Dorset on August 23, 2013 where a Plan for Compliance prepared in March 2013 was attached. Following our recent meeting with AANDC on January 24, 2014, we are requesting to amend the renewal process considering the following recommendation.

Item H-6: Thermistor depth:

Consider thermistor depth 18.8m instead of minimum 20 -25m indicated in the licence. The reason is that Canadil is the only boring contractor in Nunavut. Their available boring equipment at site could not dig more than 18.80m. The first set of temperature data was analyzed by AMEC and submitted to NWB in 2010. The thermistors were inactive due to non-functional of the several beads. Recently those were repaired and brought back to normal operation. The recent temperature data is attached. We feel that temperature reading up to 18.8m depth should be sufficient enough to satisfy the geotechnical design requirements. Therefore this item H-6 is recommended to be amended to 18.8m depth.

Item D-8: Toxicity Test:

Hamlet of Cape Dorset is using an accredited lab named Caecon Environmental Laboratories in Ottawa. This is one of the biggest labs in Ottawa. They and their neighbourhood labs in Ottawa are not capable doing this kind of toxicity test. Their branch office in Windsor can perform this test. There is no way Hamlet can manage to ship the samples within 24 hours to Windsor lab.



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Building Nunavut Together
Nunavutluqatigiingniq
Bâtir le Nunavut ensemble

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Department of Community and Government Services
Nunalingni Kavamatkunnilu Pivikhaqautikkut
Ministère des Services Communautaires et gouvernementaux

Thanking You.

Bhabesh Roy, M.A.Sc., P.Eng.

Municipal Planning Engineer

Community Government Services

Baffin Region, Government of Nunavut

P.O.Box 379, Pond Inlet, X0A 0S0

Ph-867 899 7314

Fax-867 899 7328

E-mail: broy@gov.nu.ca

Copy: Ralph Ruediger, Director, Community Development

Timoon Toonoo, Regional Director

Wayne Thistle, A. Senior Manager, Projects and Asset Management Divisions

Bill Westwell, Senior Manager Municipal Planning, Capital Planning

Pat Fuentes, Regional Manager Projects

Mike Haywards, SAO, Hamlet of Cape Dorset

APPENDIX-A:

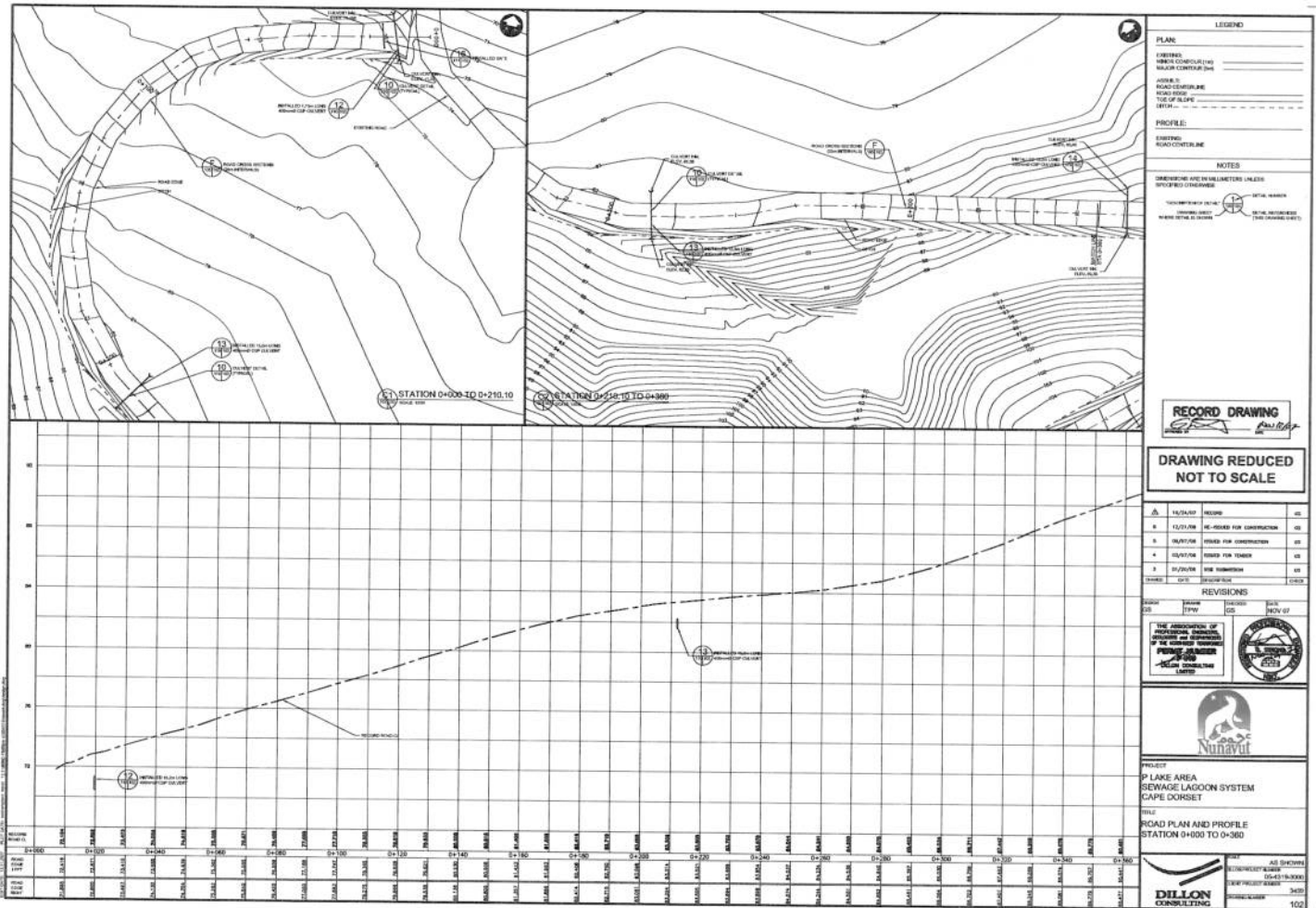
The Summary of the As-Built drawings

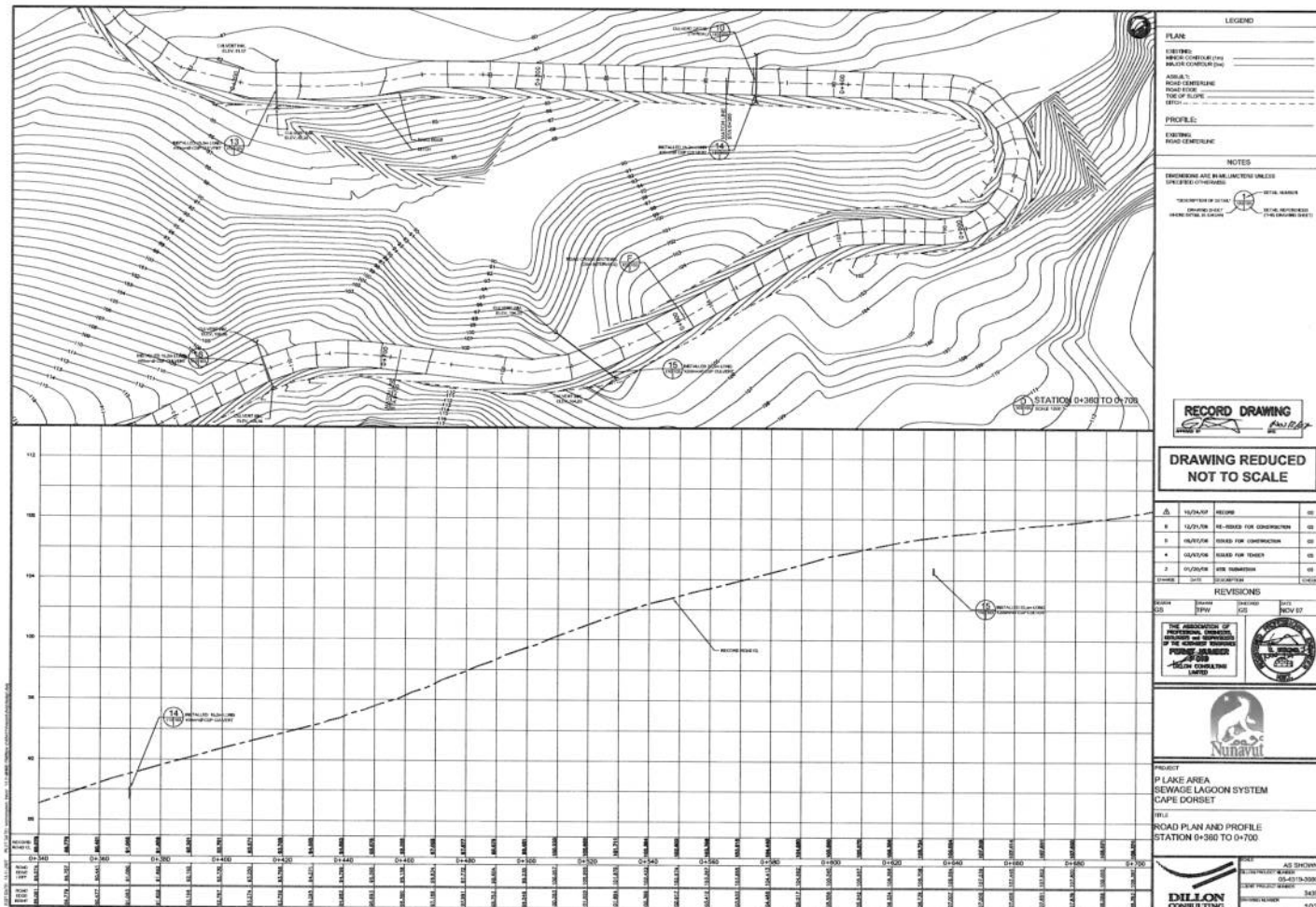
Item-E-5: Summary of the As- built Drawings of the Hamlet of Cape Dorset new Sewage Lagoon

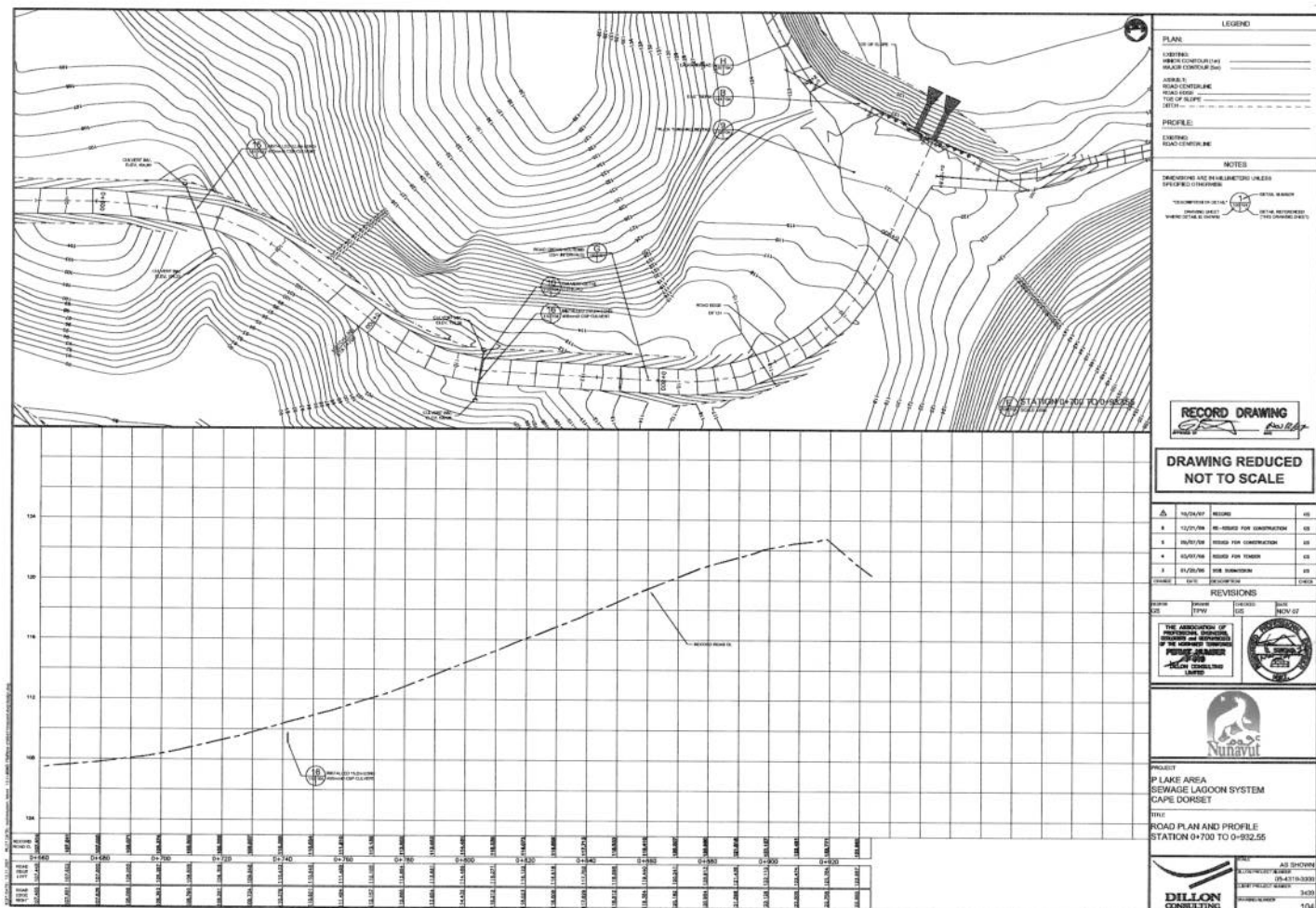
Drawing Number	Name of the Drawing	75% Completion	95% Completion	Issued for Tender	Issued for Construction	Re-issued for Construction	Record	Revision	Signed
100	Site Plan	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
101	Lagoon Containment Berms and Truck Around Pad	10/26/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
102	Road Plan and Profile station	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/24/2006	10/24/2007	Nov.07	Nov.12/07
103	Road Plan and Profile station	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
104	Road plan and Profile station	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
105	Design cross section	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
106	Design cross section	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
107	Lagoon Road Plan and Profile station	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
108	Lagoon Road cross section station	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
109	Earthworks and Sewage Discharge Details and Sections	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
110	Berm Plan and Elevations	10/28/2005	1/20/2006	3/7/2006	9/7/2006		10/24/2007	Nov.07	Nov.12/07
111	Guard rail and gate details	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
112	Lagoon Berm Sections and Details	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
113	Access Manhole details	10/28/2005	1/20/2006	3/7/2006	9/7/2006	12/21/2006	10/24/2007	Nov.07	Nov.12/07
114	Thermistors location			3/7/2006	9/7/2006	12/21/2006	5/1/2009	May , 2009	May, 2009

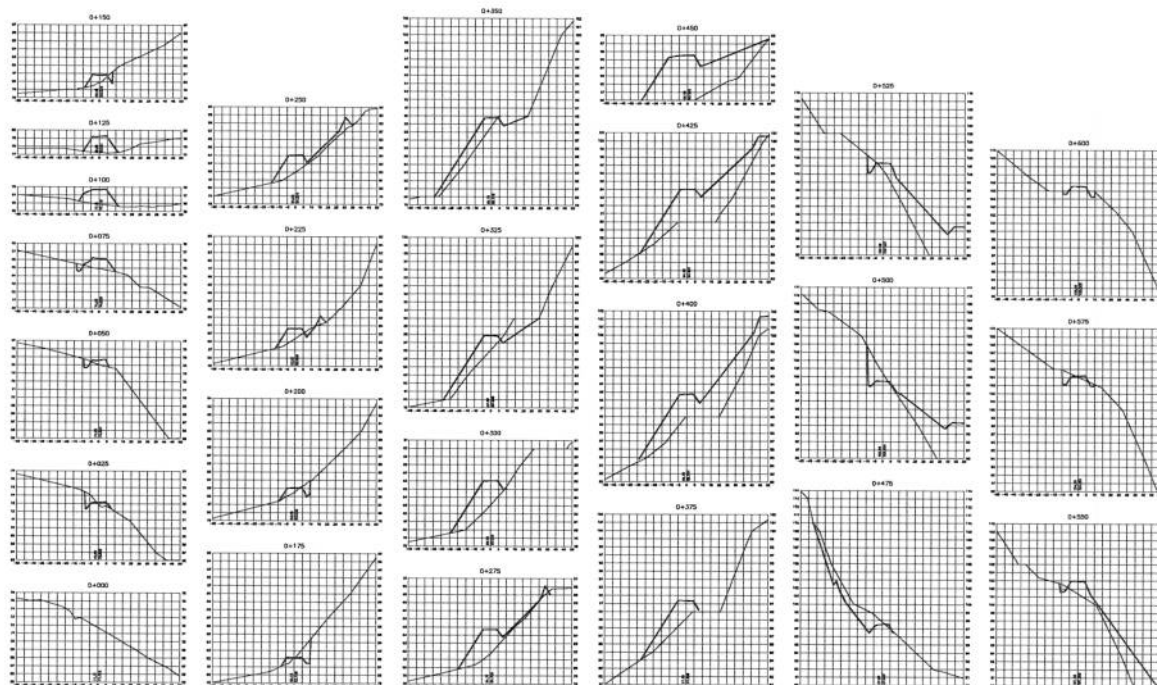
APPENDIX A

RECORD DRAWINGS

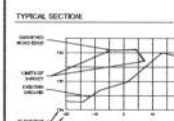
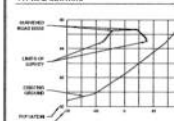








LEGEND
TYPICAL SECTION



GRAVEL SURFACE IS 10'WIDE DEEP 15"MIN. MIN. 10"
ASP. PAUP IS 10'WIDE DEEP 15"MIN. MIN. 10"

RECORD DRAWING

**DRAWING REDUCED
NOT TO SCALE**

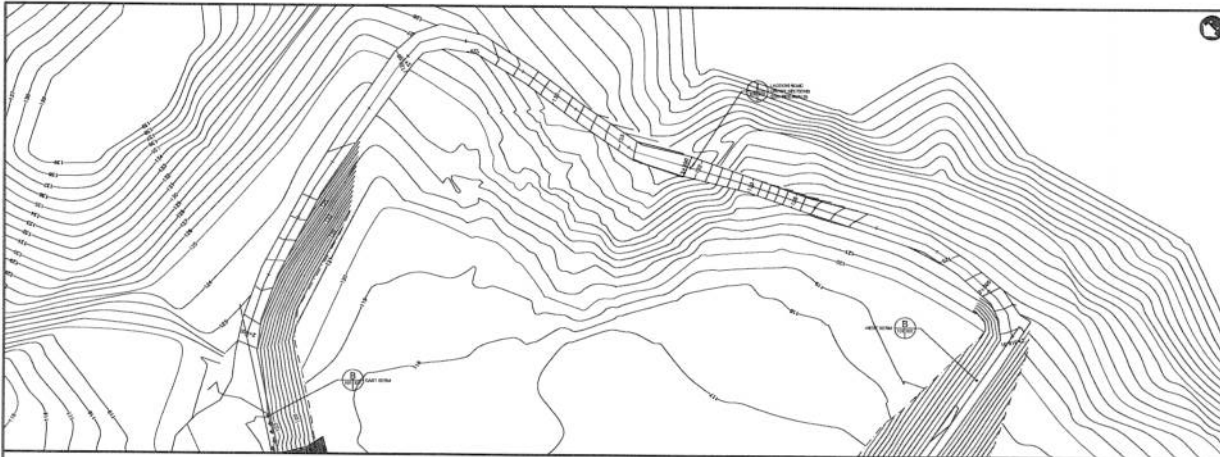
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0	11/21/98	RE-ISSUED FOR CONSTRUCTION	07
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4	01/07/96	ISSUED FOR TENDER	07
0	01/21/96	FOR SUBMISSION	07



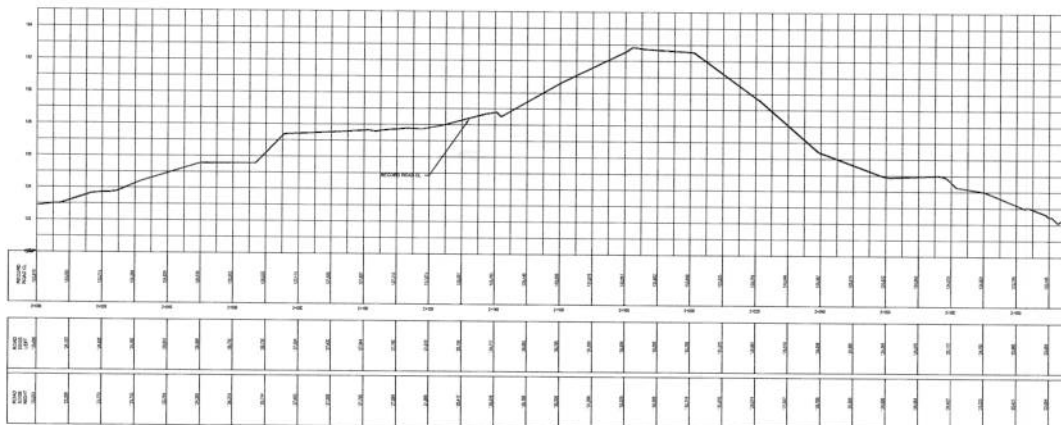
PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE DORSET

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





LAGOON ROAD
STATION 2+000 TO 2+306.05



LEGEND

PLAN

EXISTING
IMPROVED
PROPOSED

PROFILE

EXISTING
IMPROVED
PROPOSED

NOTES

UNDESIGNED AND UNLIMITED LANE(S)
SPECIFIED OTHERWISE

RECORD DRAWING

**DRAWING REDUCED
NOT TO SCALE**

NO.	DATE	REVISION
1	12/17/07	ISSUED FOR CONSTRUCTION
2	01/17/08	ISSUED FOR CONSTRUCTION
3	01/17/08	ISSUED FOR CONSTRUCTION
4	01/17/08	ISSUED FOR CONSTRUCTION
5	01/17/08	ISSUED FOR CONSTRUCTION

REVISIONS

DESIGN: JES
CHECK: JES
DATE: 12/17/07

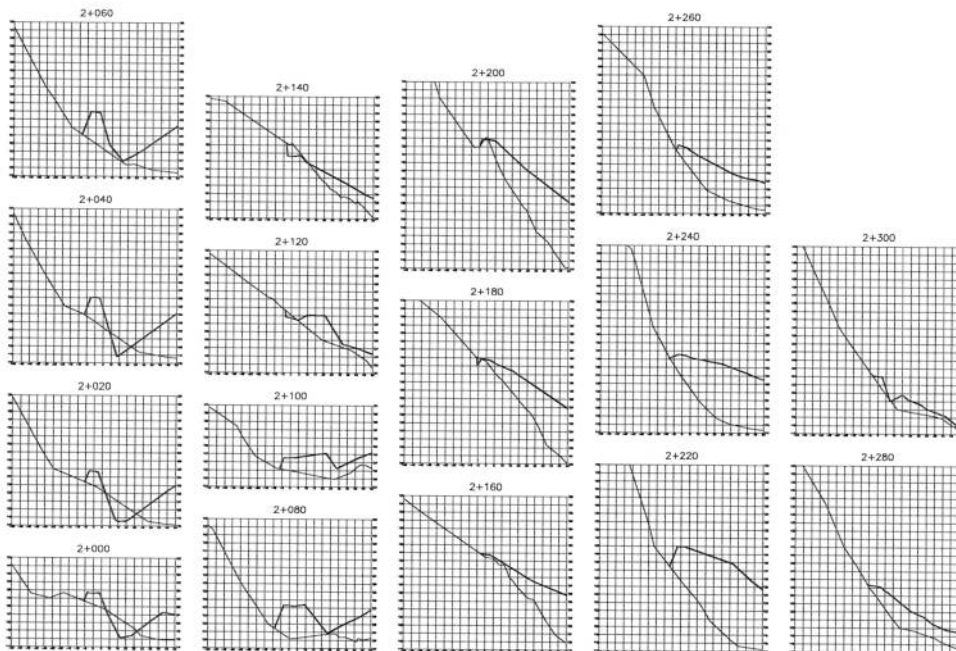
THE ASSOCIATION OF
PROFESSIONAL ENGINEERS
AND SURVEYORS
PUNJAB
REGISTERED PROFESSIONAL ENGINEER
- CIVIL -

PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE DORSET

TITLE
LAGOON ROAD PLAN AND PROFILE
STATION 2+000 TO 2+306.05

DILLON CONSULTING

107



LAGOON ROAD CROSS SECTIONS 2+000 TO 2+300

LEGEND

TYPICAL SECTION

ROAD PROFILE
EXISTING GROUND
PROPOSED CONSTRUCTION
PROPOSED SIDEWALK

ROADWAY SURFACE IS 10% DEEPER THAN 10%
CONCRETE SLAB TO BE WELL DRAINED

NOTES

RECORD DRAWING

**DRAWING REDUCED
NOT TO SCALE**

NO.	DATE	REVISION
1	12/20/06	AS-BUILT FOR CONSTRUCTION
2	01/20/07	AS-BUILT FOR CONSTRUCTION
3	01/20/07	AS-BUILT FOR TRUCK
4	01/20/07	AS-BUILT FOR TRUCK

REVISIONS

NO.	DATE	REVISION
1	12/20/06	AS-BUILT FOR CONSTRUCTION
2	01/20/07	AS-BUILT FOR CONSTRUCTION
3	01/20/07	AS-BUILT FOR TRUCK
4	01/20/07	AS-BUILT FOR TRUCK

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PROFESSIONAL ENGINEERS
OF THE PROVINCE OF
NEW BRUNSWICK**

**PE
PROFESSIONAL ENGINEER**

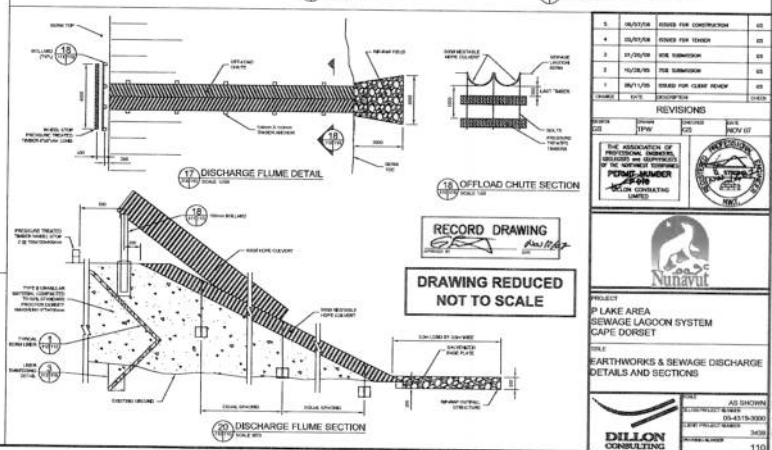
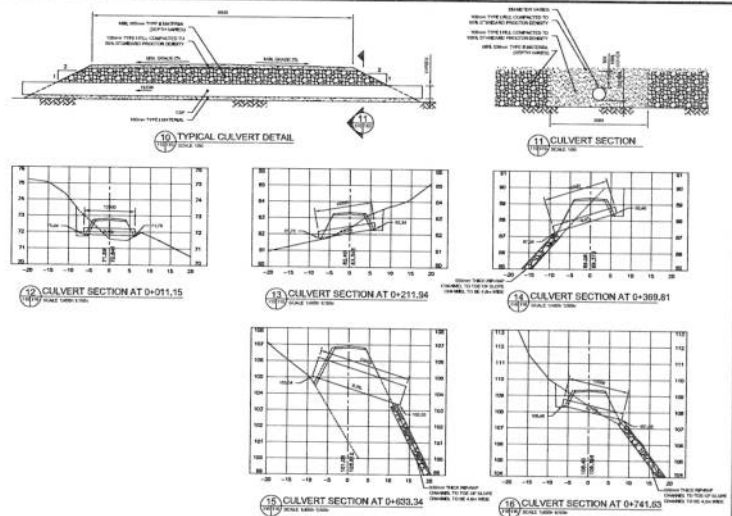
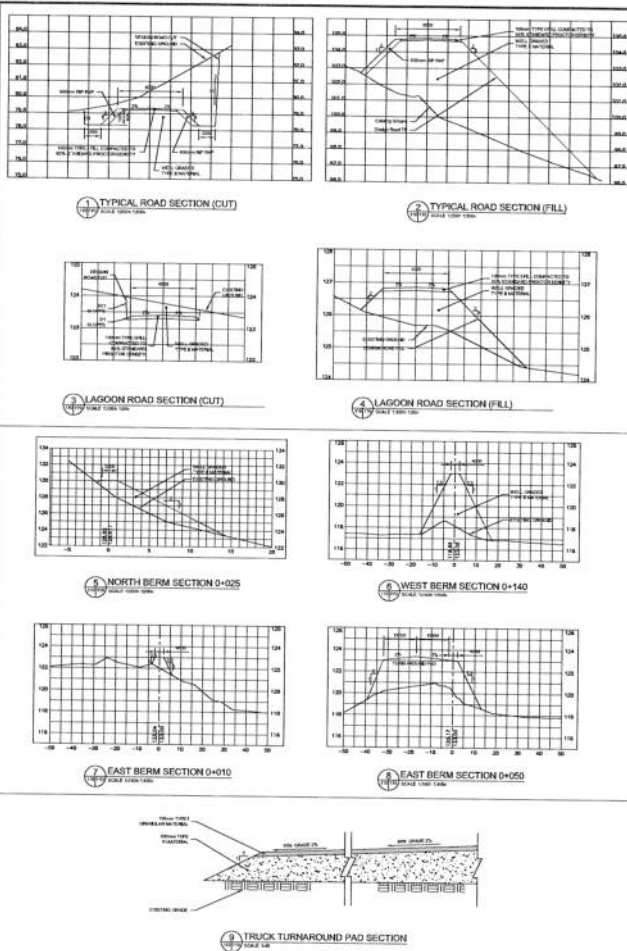
NEW BRUNSWICK

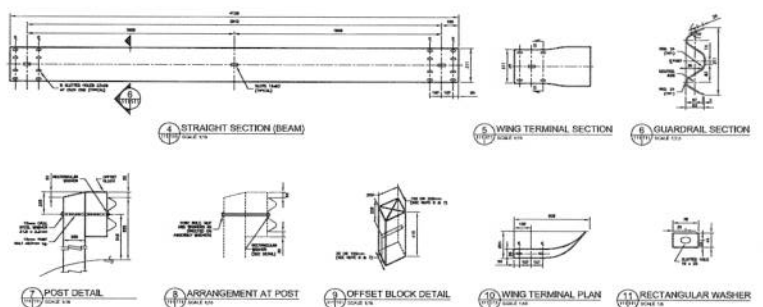
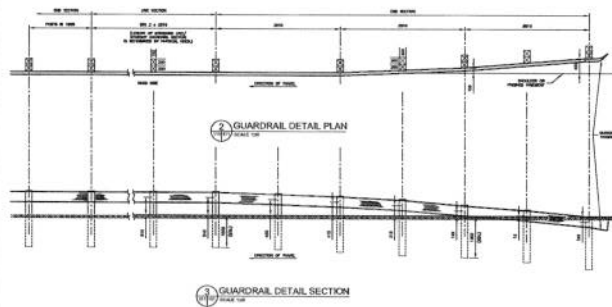
PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE DORSET

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

DILLON CONSULTING

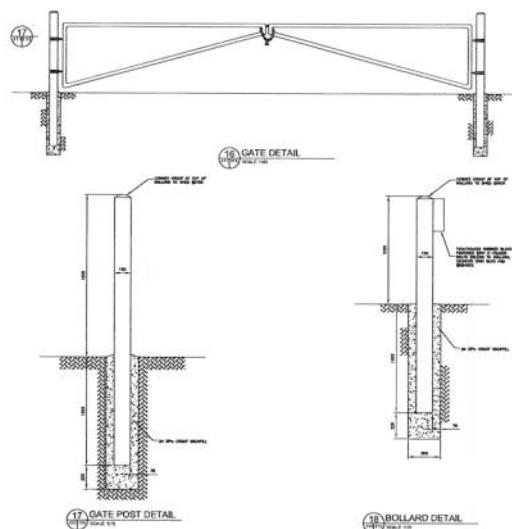
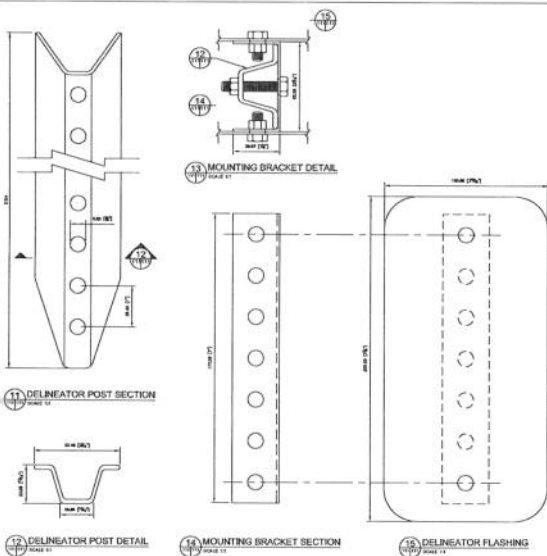
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DATE 12/20/06
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GUARDRAIL DETAILS

- NOTES**
1. GUARDRAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE SOUTH AFRICAN BUREAU OF STANDARDS (SABS) 1141-1997.
 2. GUARDRAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE SOUTH AFRICAN BUREAU OF STANDARDS (SABS) 1141-1997.
 3. GUARDRAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE SOUTH AFRICAN BUREAU OF STANDARDS (SABS) 1141-1997.
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 20. GUARDRAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE SOUTH AFRICAN BUREAU OF STANDARDS (SABS) 1141-1997.



RECORD DRAWING

**DRAWING REDUCED
NOT TO SCALE**

NO.	DATE	REVISION	BY	CHKD
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2	15/07/16	ISSUED FOR CONSTRUCTION	MS	
3	15/07/16	ISSUED FOR CONSTRUCTION	MS	
4	15/07/16	ISSUED FOR CONSTRUCTION	MS	

NO.	DATE	REVISION	BY	CHKD
1	15/07/16	ISSUED FOR CONSTRUCTION	MS	
2	15/07/16	ISSUED FOR CONSTRUCTION	MS	
3	15/07/16	ISSUED FOR CONSTRUCTION	MS	
4	15/07/16	ISSUED FOR CONSTRUCTION	MS	

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ARCHITECTS AND SURVEYORS
OF SOUTH AFRICA**



PROJECT
P LAKE AREA
SEWAGE LAGOON SYSTEM
CAPE DORSET

TITLE
GUARDRAIL - DELINEATOR - GATE
DETAILS AND SECTIONS

DILLON CONSULTING

111