



Conservation and Water Stewardship
Environmental Compliance and Enforcement
Box 6000 75-7th Avenue
Gimli, Manitoba R0C 1B0
T 641-4091 F 642-6108
www.manitoba.ca

September 22, 2014

Licence No. : 2164
Client File No. : 4004.0

Netley Colony Ltd
Eli D. Walter
Box 100, 100-897 Henry Road 90
Petersfield, MB R0C 2L0

Dear Mr. Walter:

RE: Request to transfer effluent from domestic waste water lagoon to livestock earthen manure storage

Thank you for your letter dated September 18, 2014 requesting to transfer effluent from the second cell of the domestic waste water lagoon to the second cell of the livestock earthen manure storage facility.

This request requires the filing of a Notice of Alteration to your licensed development as it no longer conforms to the licence conditions. , Please submit your application to:

*Environmental Approvals Branch
Attention: Tracey Braun, Director
Manitoba Conservation and Water Stewardship
Box 80, 123 Main Street
Winnipeg MB R3C 1A5
Phone: 204-945-7071
Email: tracey.braun@gov.mb.ca*

More information regarding notice of alterations can be found at:
<http://www.gov.mb.ca/conservation/eal/publs/alteration.guidelines.pdf>

Conservation and Water Stewardship would be able to process this request in a timely manner to accommodate you for this harvest season.

If you have any questions regarding this correspondence please feel free to contact me at (204) 641-4091.

Sincerely,

Kim Kmet
Environment Officer

c: Mike Baert, Environmental Compliance and Enforcement
Tracey Braun, Director, Environmental Approvals

Netley Colony Ltd.

Box 100, 100-897 Henry Road 90
Petersfield, MB. R0C 2L0
Bus: 204-738-2828
Fax: 204-738-2854

September 18, 2014

Kim Kmet BSc.
Manitoba Conservation and Water Stewardship
Box 6000
Gimli, MB. R0C 1B0
Kim.kmet@gov.mb.ca

Dear Ms. Kmet;

We are being advised that we need to request a permit so that we can transfer effluent from our secondary cell of the domestic sewage lagoon to the unused earthen manure storage lagoon.

In accordance with the Environment Act License for the domestic lagoon the effluent needs to be disposed of onto agriculture land. Since such disposal is not always convenient at the time when the domestic lagoon needs to be emptied, we respectfully request that Manitoba Conservation permits us to transfer the effluent from the secondary domestic lagoon to the unused earthen manure storage lagoon.

Since this earthen manure storage lagoon is lined with 1.0 metre thickness of impermeable clay, the effluent will be securely stored until it can be disposed of in accordance with the Environment Act License for the domestic lagoon. At such time we would as is permitted by the Environment Act License and after being tested, pump this earthen manure lagoon onto agriculture land.

Meanwhile, the storage of the effluent in the earthen manure lagoon will serve to preserve the integrity of the liner as it is proposed to maintain about 2.0 metres of liquid in the cell at all times.

Your consideration and early response to this request will be much appreciated as the time of discharge of the domestic lagoon is approaching later this month.

Yours Truly

Eli D. Walter



Water Works & Wastewater Works Operator
Netley Colony Ltd.
Work: (204) 738-2729 Ext 701
Cell: (204) 485-6858

Cc: Paul Hofer



Conservation and Water Stewardship

Environmental Programs and Strategies

1007 Century Street, Winnipeg, Manitoba, Canada R3H 0W4

www.manitoba.ca

April 18, 2012

Mr. Paul Hofer **By Fax (204) 738-2854**
Netley Colony
Box 360
Petersfield MB, R0C 2L0

Dear Mr. Hofer:

Re: Netley Colony, Earthen Manure Storage Facility – Permit # LM-0710
SW 05-16-04 EPM, Rural Municipality of St. Andrews, Certification

In accordance with Section 6(7) of the *Livestock Manure and Mortalities Management Regulation* (M. R. 42/98) and Clause 31 of Permit # LM-0710, a Professional Engineer's Certificate attesting of the satisfactory completion of your manure storage facility prepared by Mr. Alf Poetker, P.Eng., of Genivar, was submitted on your behalf on November 16, 2007, along with a Construction Report. In addition to the original certification package, supporting documents were submitted on January 28, 2010 and March 28, 2012.

This is to notify you that the Professional Engineer's Certificate meets the legislated requirements and you are hereby authorized to put your manure storage facility into operation.

If you have any questions, please call Rajan Niraula at (204) 945-5016.

Yours sincerely,

Mike Gilbertson
Director, *The Environment Act*

c: Livestock Section, Gimli Office
Silvestre S. Urbano P. Eng., Genivar
Environmental Engineering Section
Rural Municipality of St. Andrews

By Fax (204)642-6108

By Fax (204) 474-2864

By Fax (204) 738-2500



GENIVAR

January 28, 2010

Project No: WE 05 031 02 WE

Yvonne Hawryliuk
MANITOBA CONSERVATION
123 Main Street
Winnipeg MB R3C 1A5

Dear Ms. Hawryliuk:

RE: Netley Colony EMS Management – Permit #LM –0710 (formerly #786)

I have received a copy of a December 2, 2009 letter to Paul Hofer from Don Labossiere regarding the final certification of the Netley Colony earthen manure storage facility, constructed under Permit #LM-0710. As indicated in the letter, there are some outstanding issues with regard to the final approval of this facility. Specifically, the pipeline from the pre-existing, pumping station and manure slurry storage tank has not been installed. Also, the as-built drawings have not been submitted, notwithstanding that the survey was performed in November of 2007.

I have also received a copy of a letter from Paul Hofer of Netley Colony, to the Director, indicating that the Colony wishes to maintain the manure storage facility for possible future use in the event that a hog operation is again established to replace the one destroyed by fire in March 2008.

This letter is in response to the request for addressing the final issues regarding the certification of the earthen manure storage facility.

Firstly, the engineering certification of the completed earthen manure storage was submitted on November 16, 2007 following a final project review with a representative of Manitoba Conservation, Mr. Warren Rospod. The monitoring wells had been installed at that time and the storage pond was fully complete. Along with the aforementioned certification, the soil and compaction tests were submitted to Manitoba Conservation. The only outstanding items were the as-built drawings for the pond, the seeding, the fencing and the pipeline.

The as-built drawings have now been completed and are attached. During construction, two modifications were proposed to Manitoba Conservation and approved as submitted. Firstly, it was proposed to raise the bottom of the secondary cell by about 1.0 metres and extend the length of the cell to

maintain the design capacity. This change was proposed in a letter to Manitoba Conservation dated July 11, 2007. An email response from Manitoba Conservation on July 12, 2007 provided approval for the change. A second change was requested by letter of October 19, 2007, proposing the use of pre-cast concrete, double tees in place of cast-in-place concrete slabs to serve as splash pads for the liquid inflow to the two cells. This was approved by email from Manitoba Conservation on October 22, 2007.

Since the earthen manure storage is not being used for a hog operation due to the loss of the barns in the fire, the pipeline is not needed at this time. If and when, in the future, the hog operation is reestablished, application will be made to Manitoba Conservation for a permit for construction of the pipeline. The seeding of the berms has been undertaken and the grass has become well established.

Since the certification of the construction of the complete earthen manure storage facility and monitoring wells was issued on November 16, 2007, I trust that the submission of the as-built drawings and the explanations as presented herein conclude the requirements for engineering reporting. It is noted that your letter of December 2, 2009 indicates the acceptance of Manitoba Conservation of the proposal to maintain the facility for possible, future livestock production purposes.

Yours truly,

GENIVAR



Silvestre S. Urbano Jr., P. Eng
Project Engineer



Enclosures

cc: Mr. Paul Hofer

(Netley Colony, Box 360 Petersfield MB R0C 2L0)



Seals
APEGM
 Certificate of Authorization
 Under Canada's Limited Partnership
 No. 4788 Expiry April 30, 2009
 ORIGINAL DRAWING
 SEALED BY
 A.J. POETKER
 AND DATED
 05/08/29

Consultants
 THIS DRAWING AND DESIGN MAY NOT BE USED ON OTHER
 PROJECTS WITHOUT WRITTEN PERMISSION FROM GENIVAR

- GENERAL NOTES:**
- HOG MANURE EARTHEN STORAGE TO BE CONSTRUCTED IN ACCORDANCE WITH PERMIT REQUIREMENTS.
 - ALL DIMENSIONS ARE IN METRES.
 - REMOVE AND STOCKPILE 150mm TOPSOIL FROM ENTIRE FOOTPRINT AREA PRIOR TO CONSTRUCTION SURVEY STAKING.
 - PLACE 100mm TOPSOIL ON ALL AREAS ABOVE MAXIMUM WATSEWATER LEVEL AND SEED TO GRASS.
 - ELEVATION TO BE SET BY THE ENGINEER IN THE FIELD PRIOR TO CONSTRUCTION. ASSUMED ORIGINAL GROUND ELEVATION AT 100.00

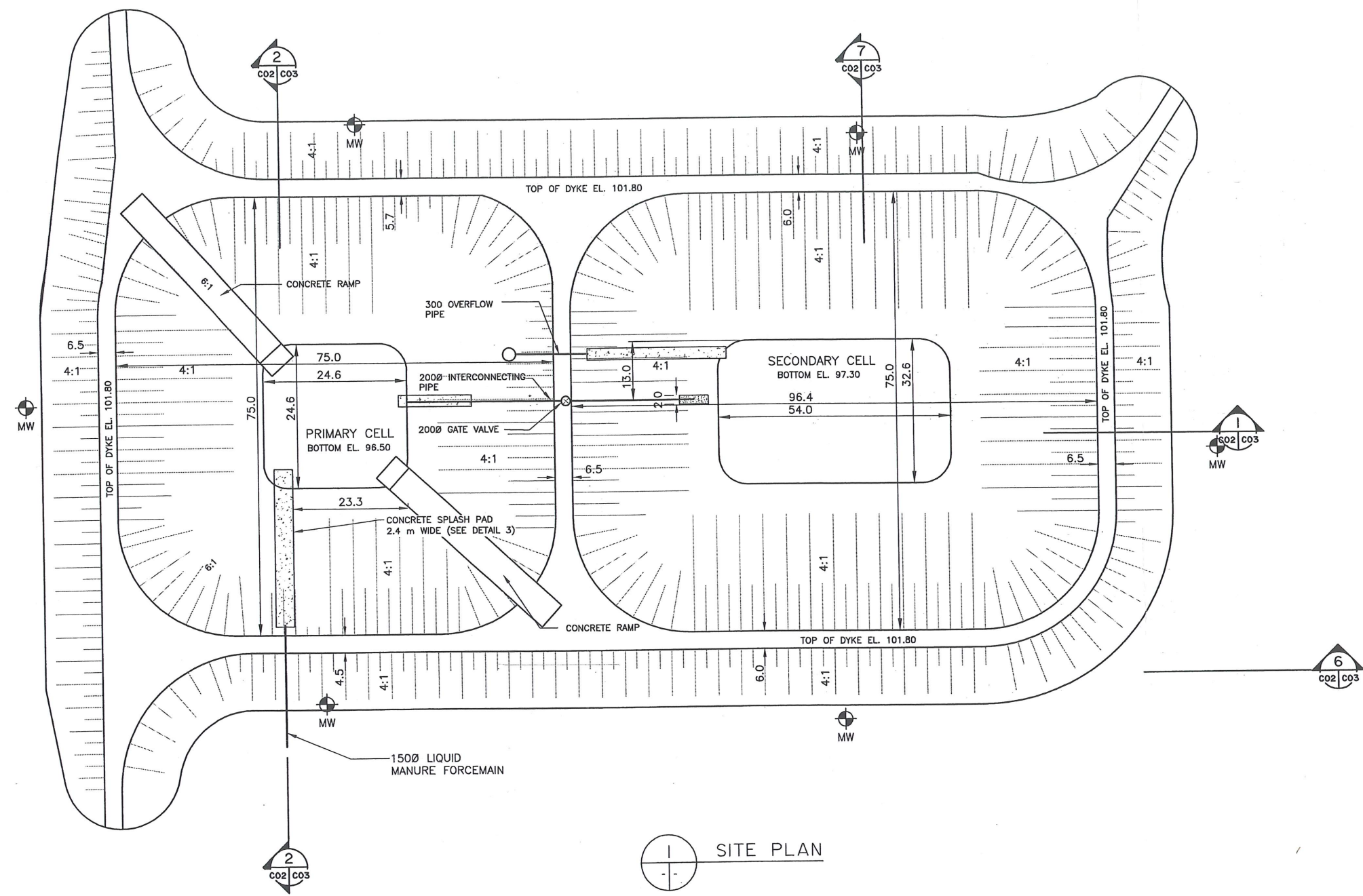
REDUCED DRAWING
 DO NOT SCALE

ISS.	REV.	DATE	APP.	DESCRIPTION
1	2	07/12/12	AJP	AS-BUILT DRAWING
	1	07/07/04	AJP	RE-DIMENSION 2ND CELL

**NETLEY COLONY
 AS-BUILT LIVESTOCK
 MANURE STORAGE POND**
 RM OF ST. ANDREWS MANITOBA

CIVIL
**MANURE STORAGE POND
 AS-BUILT DRAWING
 PLAN VIEW**

DESIGNED	AJP	APPROVED	A.J.P.
DRAWN	M.B.S.	SCALE	1:400
CHECKED	A.J.P.	DATE	05/08/29
PROJECT NO.	WE0503101	DRAWING NO.	C02
		REV	2



1 SITE PLAN

ORIGINAL VOLUME: 15609 m³
 NEW VOLUME: 15640 m³
 (RAISED BOTTOM BY 1.0m AND
 LENGTHENED SECONDARY CELL)
 BOTTOM WIDTH: 32.6
 BOTTOM LENGTH: 54.0
 TOP WIDTH: 75.0
 TOP LENGTH: 96.4

Seals



ORIGINAL DRAWING
SEALED BY
A.J.P.OETKER
AND DATED
05/08/29

Consultants

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GENERAL NOTES:

HOG MANURE EARTHEN STORAGE TO BE
CONSTRUCTED IN ACCORDANCE WITH PERMIT
REQUIREMENTS.

ALL DIMENSIONS ARE IN METRES.

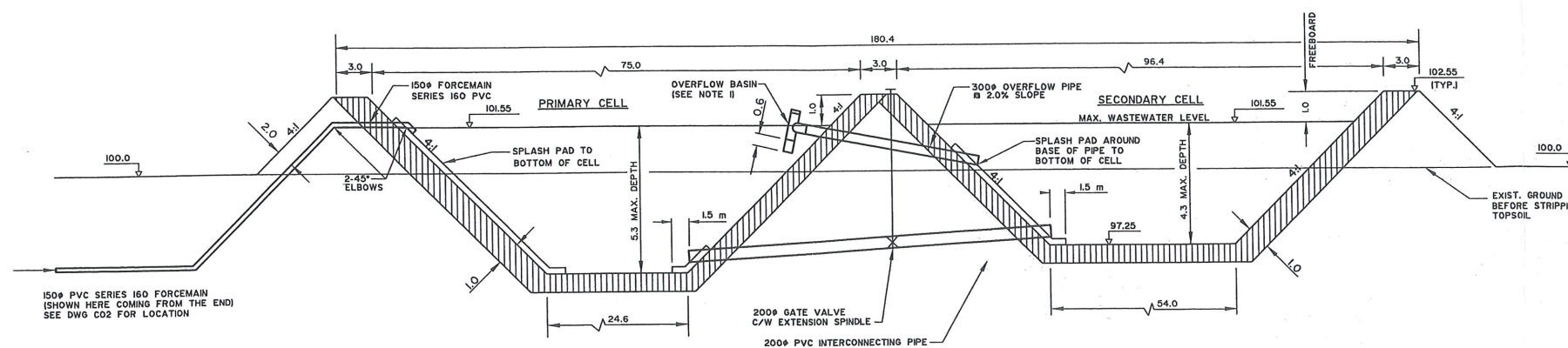
REMOVE AND STOCKPILE 150mm
TOPSOIL FROM ENTIRE FOOTPRINT
AREA PRIOR TO CONSTRUCTION SURVEY
STAKING.

PLACE 100mm TOPSOIL ON ALL AREAS
ABOVE MAXIMUM WASTE WATER LEVEL AND
SEED TO GRASS.

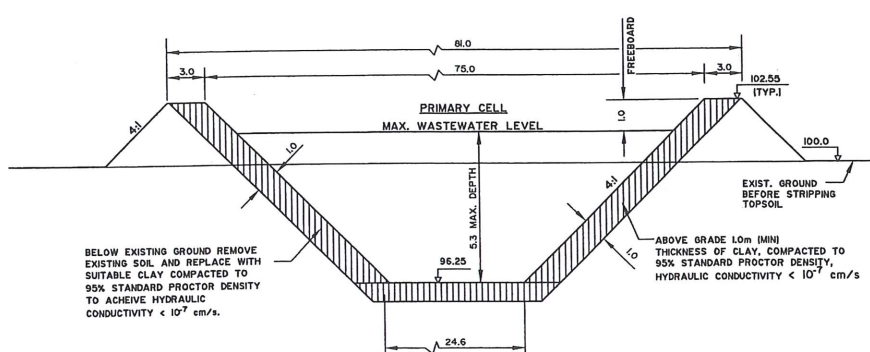
ELEVATION TO BE SET BY THE ENGINEER IN
THE FIELD PRIOR TO CONSTRUCTION.
ASSUMED ORIGINAL GROUND ELEVATION AT
100.00

REDUCED DRAWING

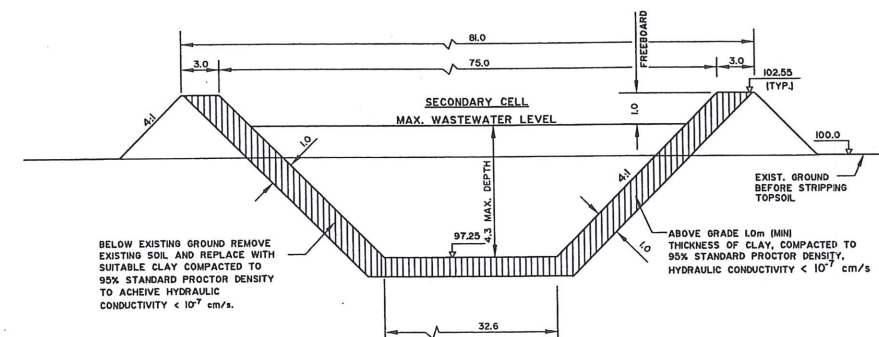
DO NOT SCALE



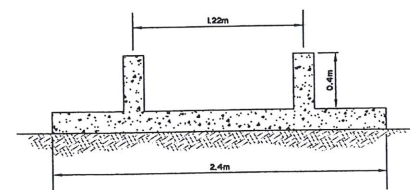
1 TYPICAL CROSS-SECTION
N.T.S.



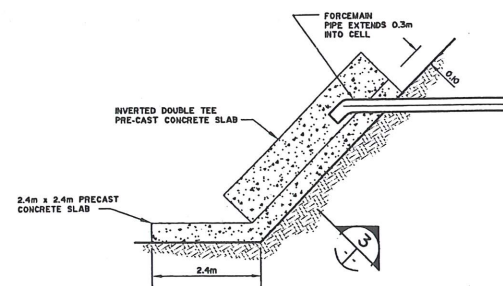
2 TYPICAL CROSS-SECTION
N.T.S.



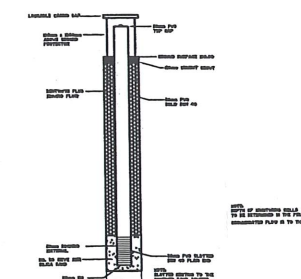
7 TYPICAL CROSS-SECTION
N.T.S.



3 SPLASH PAD SECTION
N.T.S.



4 SPLASH PAD DETAIL
N.T.S.



6 TYPICAL CROSS SECTION
N.T.S.

ISS.	REV.	DATE	APP.	DESCRIPTION
	1	07/07/04	AJP	RE-DIMENSION 2ND CELL

**NETLEY COLONY
AS-BUILT LIVESTOCK
MANURE STORAGE POND**

RM OF ST. ANDREWS MANITOBA

CIVIL

**SECTIONS AND
MISCELLANEOUS
DETAILS**

DESIGNED	AJP	APPROVED	A.J.P.
DRAWN	INIT	SCALE	1:400
CHECKED	A.J.P.	DATE	05/08/29
PROJECT NO.	WE0503101	DRAWING NO.	C02
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