



February 1, 2019

Manitoba Sustainable Development
Environmental Approvals
1007 Century Street
Winnipeg, MB, R3H 0W4

Attention: Asit Dey, P.Eng.

Dear Sir:

Subject: RM of Ritchot - St. Adlophe Lagoon Truck Dumping Station

As per our discussion on October 1, 2018, Manitoba Sustainable Development requires confirmation on the structural integrity of the existing lagoon dykes for the proposed access road and truck dump station.

The lagoon dyke, where the proposed access road and truck dump station are to be situated, is in relatively good condition with no visible soft spots or rutting, and did not exhibit any noticeable signs of tension cracking or instability. The exterior and interior slopes of this lagoon dykes are approximately 4H:1V, and the interior slope of the primary cell is armoured with rip rap preventing dyke erosion.

The proposed access road and truck turnaround area for the truck dump station will be expanded on the exterior side of the dyke, towards the ditch along Leblanc Road. A new lagoon access road will be constructed, which will include a new 600 mm diameter culvert as well as new access gates. Vegetation and topsoil will be removed prior to the placement of a non-woven geotextile, and the placement and compaction of 300 mm of granular material. Accordingly, it is in our opinion that if the proposed access road and truck dump station is constructed to our design and specifications, it will not affect the structural integrity of the existing lagoon dykes.

Please find the attached drawings showing the location of the proposed access road and truck dump. If you require additional information please do not hesitate to contact us.

Kind regards,

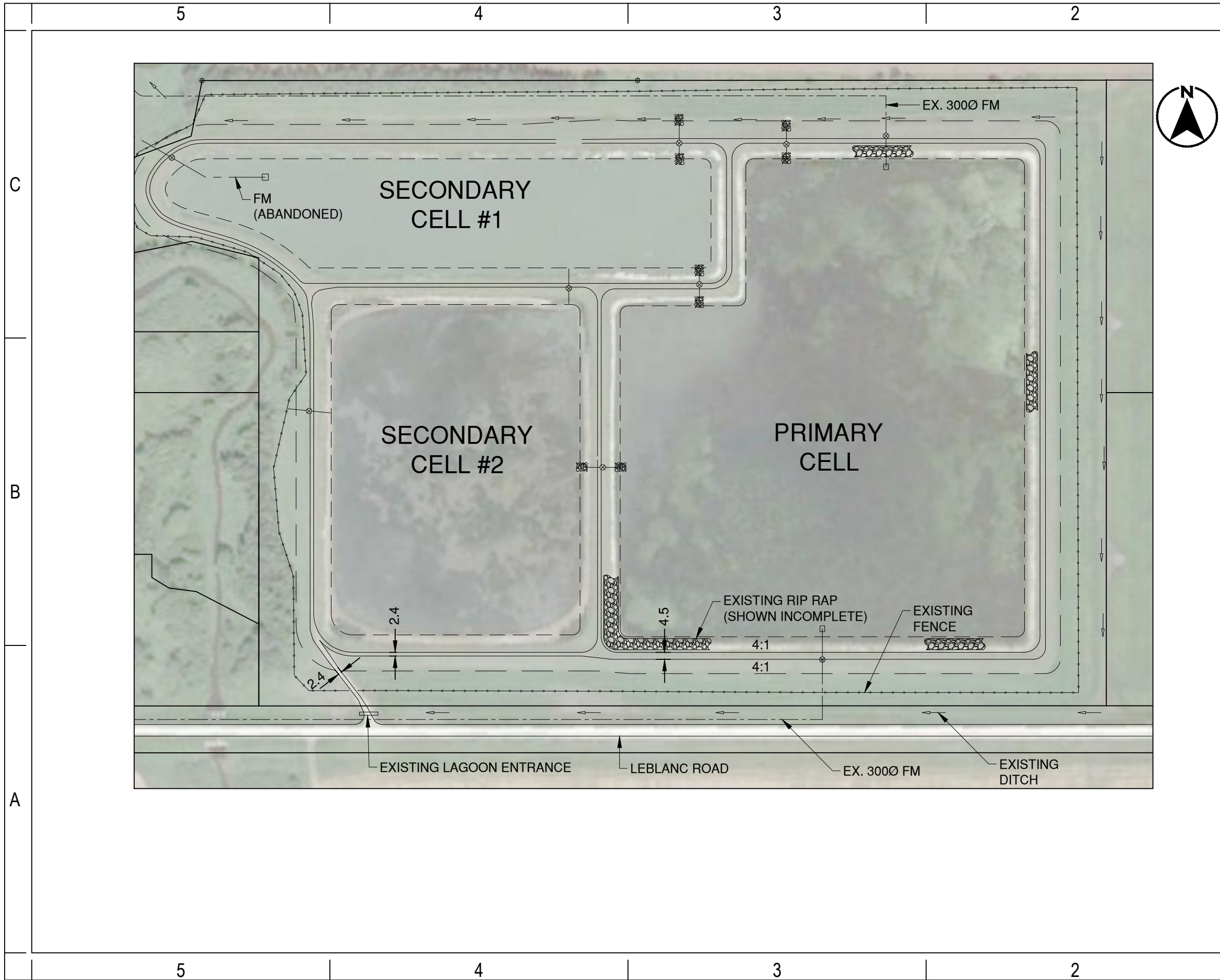
Dana Bredin, P.Eng.
Project Engineer

Charles Goss, M.Sc., C.I.T.
Water Specialist


cc: Mike Dumaine, RM of Ritchot
WSP ref.: 151-12617-00

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ISSUED FOR - REVISION:		
IS	DATE	DESCRIPTION
1	2019/01/23	ISSUED FOR APPROVAL

PROJECT NO: 151-12617-00		DATE: 2019/01/23
ORIGINAL SCALE: 1:2500		IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE. 
DESIGNED BY: DTGB	DRAWN BY: VA	
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DISCIPLINE: INFRASTRUCTURE

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WINNIPEG, MANITOBA CANADA
R3T 6B8
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CLIENT: ---

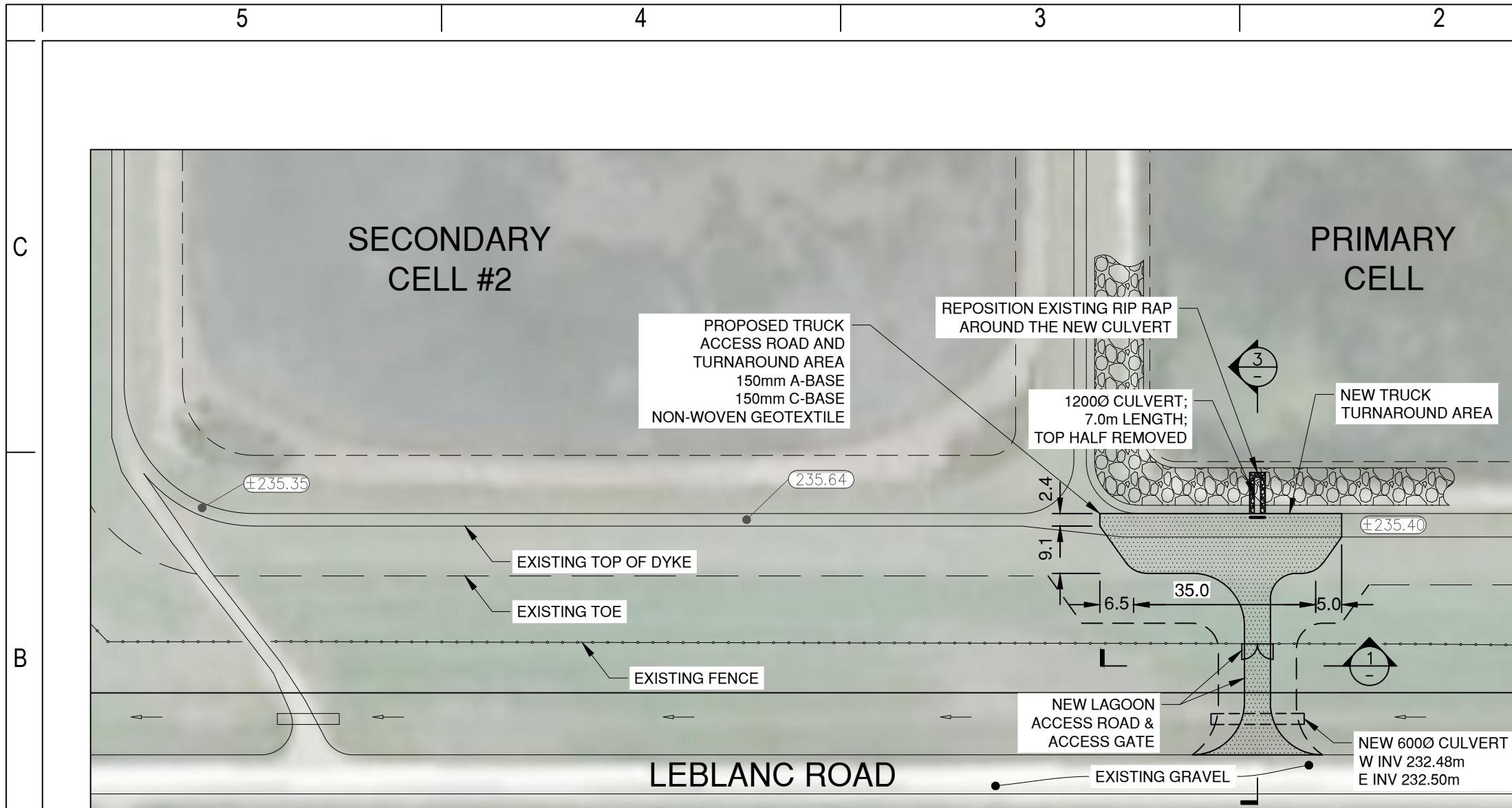
CLIENT REF. #:

PROJECT:
ST. ADOLPHE LAGOON
PROPOSED ACCESS ROAD AND
TRUCK DUMP RAMP


TITLE:
EXISTING
ST. ADOLPHE LAGOON
PLAN VIEW

SHEET NUMBER: C101
SHEET #: 1 OF 3
ISSUE:
ISSUED FOR APPROVAL
DATE OF: 2019/01/23

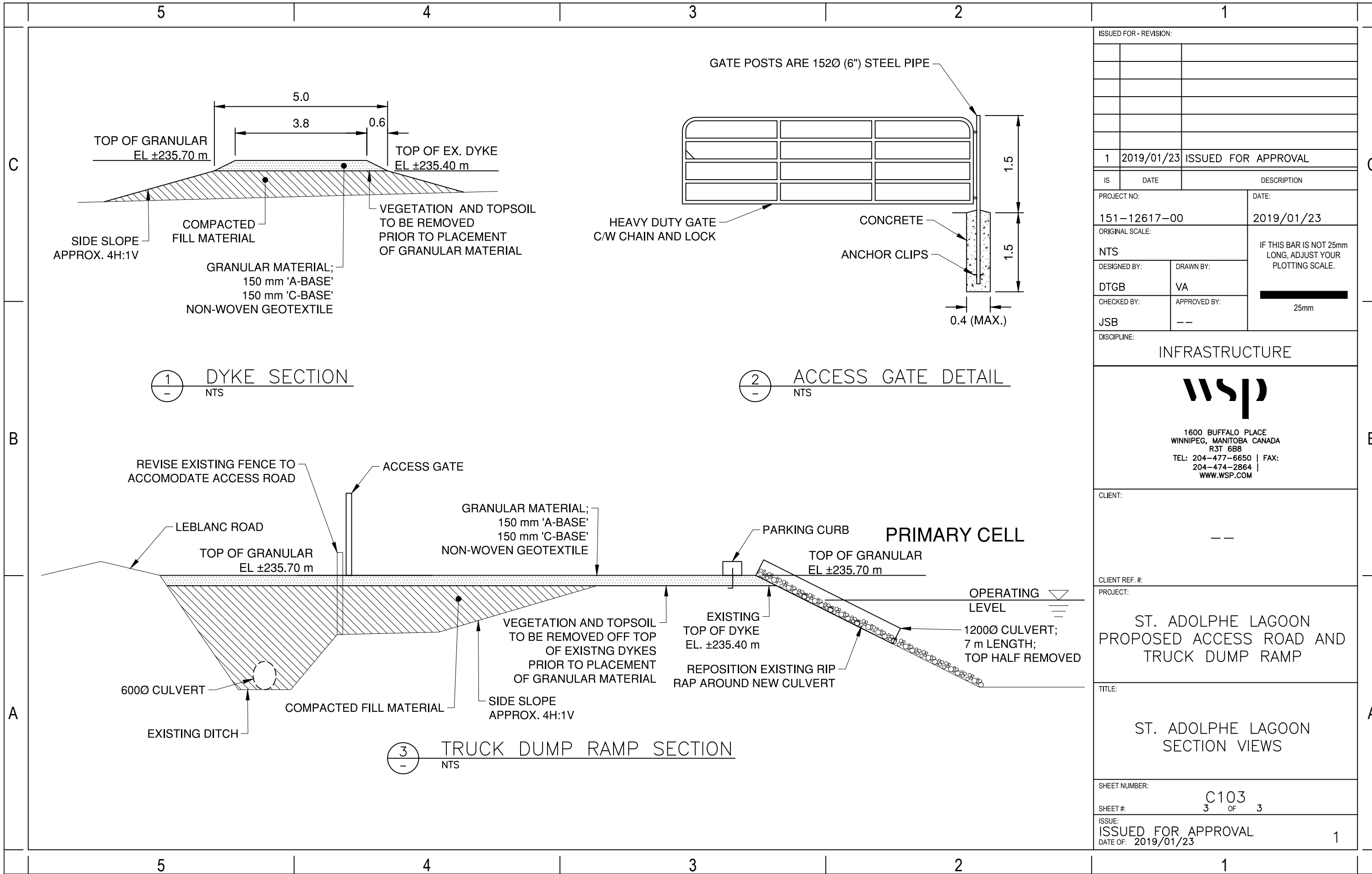
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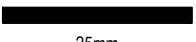



① LAGOON TRUCK ACCESS
1:1000

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1	2019/01/23	ISSUED FOR APPROVAL
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 1600 BUFFALO PLACE WINNIPEG, MANITOBA CANADA R3T 6B8 TEL: 204-477-6650 FAX: 204-474-2864 WWW.WSP.COM		
CLIENT: ---		
CLIENT REF. #:		
PROJECT: ST. ADOLPHE LAGOON PROPOSED ACCESS ROAD AND TRUCK DUMP RAMP		
TITLE: ST. ADOLPHE LAGOON TRUCK DUMP ACCESS OPTIONS		
SHEET NUMBER: C102		
SHEET #: 2 OF 3		
ISSUE: ISSUED FOR APPROVAL		
DATE OF: 2019/01/23		1

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PROJECT:		
ST. ADOLPHE LAGOON PROPOSED ACCESS ROAD AND TRUCK DUMP RAMP		
TITLE:		
ST. ADOLPHE LAGOON SECTION VIEWS		
SHEET NUMBER:		
C103		
SHEET #:		
3 OF 3		
ISSUE:		
ISSUED FOR APPROVAL		
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