



Parks Canada

Strategic Asset  
Management,  
Western and Northern  
Region

Parcs Canada

Gestion Stratégique  
des Biens,  
Région de l'Ouest et  
du Nord

Canada

PARKS CANADA

RIDING MOUNTAIN NATIONAL PARK

WASAGAMING STORM WATER

MANAGEMENT SYSTEM

WASAGAMING, MANITOBA

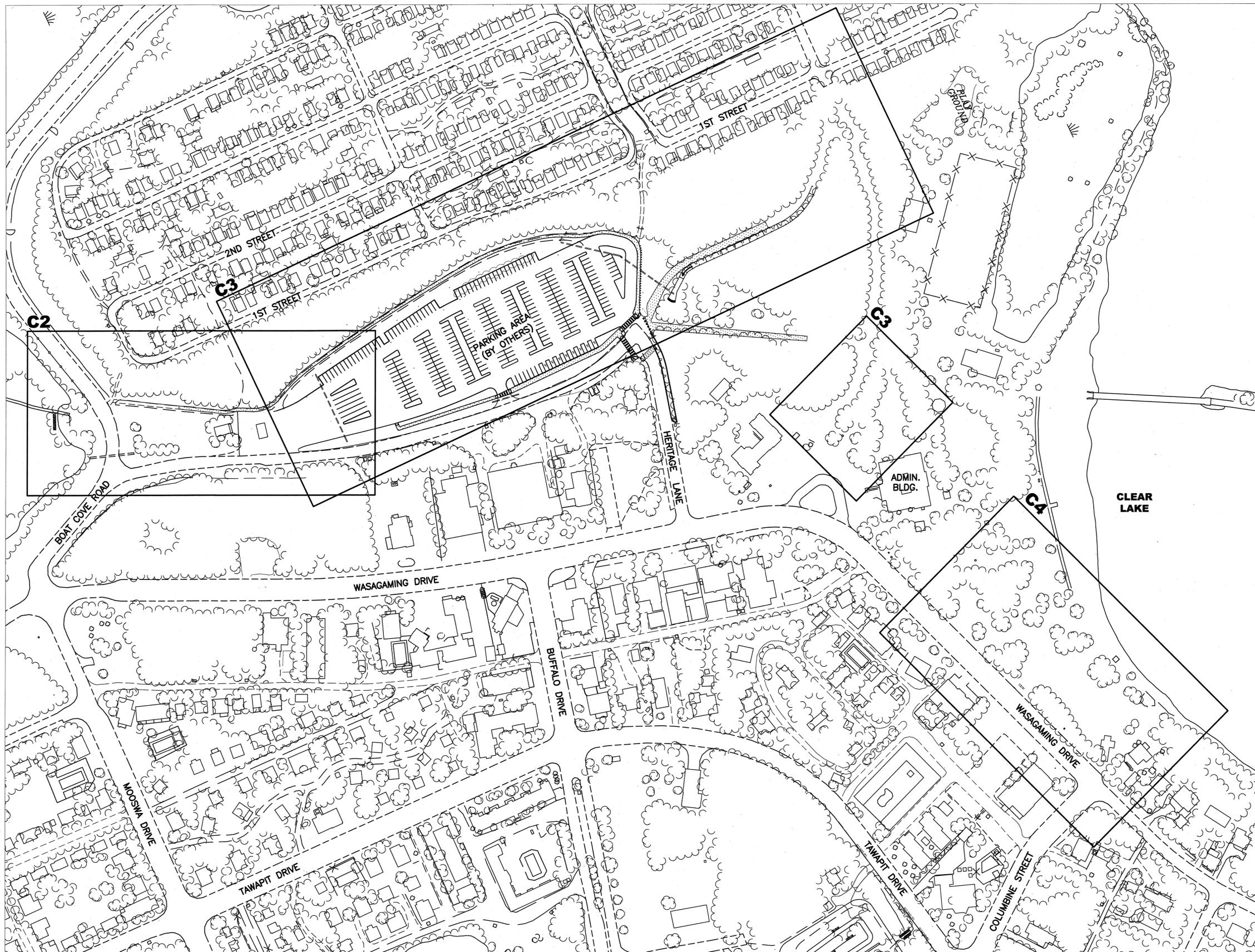
ISSUED FOR TENDER

January 2018

Project Number: 827.03

**DRAWING INDEX**

<u>SHEET No.</u>	<u>SHEET TITLE</u>
G1 of 1	COVER SHEET & DRAWING INDEX
C1 of 5	OVERALL STORM WATER SERVICING PLAN
C2 of 5	PLAN & PROFILE - 600Ø GRAVITY SEWER STA. 1+00 TO STA. 2+78.1
C3 of 5	PARKING AREA SWALE TO 1st STREET & WEST OUTFALL STORMCEPTOR
C4 of 5	PLAN & PROFILE - GRAVITY SEWER STA. 1+00 TO COLUMBINE ST.
C5 of 5	DETAILS



EXISTING	LEGEND	PROPOSED
150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕
⊙	VALVE	⊙
300 LBS	LAND DRAINAGE SEWER	300 LBS
250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●
□	CATCH BASIN	■
▽	CURB INLET	▽
≡	CULVERT	≡
—	ASPHALT	—
+	SURVEY BAR	+
←	SWALE	←
*617.12	ELEVATION	x (616.53)
—	SWALE ELEVATION	(616.3)
⊙	BOLLARD	⊙
—	BUSH	—
—	COMPACTED CLAY FILL	—
—	GRAVEL PARKING LOT	—
—	BUILDING	—

No.	Date	Description	Drawn by / Dessiné par	Approved / Approuvé
02	2016-01-26	ISSUED FOR TENDER	KR	RS
01	2016-01-12	ISSUED FOR REVIEW	KR	RS

Revision / Révision	
A	Detail number / A Numéro de détail
B	Sheet number / B Numéro de la feuille

Consultant's Name / Nom de l'expert-conseil: **Stantec**  
 Suite 500, 311 Portage Ave. Winnipeg MB Canada R3B 2B9  
 Tel. 204.489.5900 Fax. 204.453.9012 www.stantec.com

Eng. Stamp / Sceau de l'ingénieur: **Stantec**  
 R.M. SWANLOCK  
 MANITOBA REGISTERED PROFESSIONAL ENGINEER

Parks Canada / Parcs Canada  
 Strategic Asset Management, Western and Northern Region / Gestion Stratégique des Biens, Région de l'Ouest et du Nord

**Canada**

**ENGINEERS GEOSCIENTISTS MANITOBA**  
 Certificate of Authorization  
 Stantec Consulting Ltd.  
 No. 1301

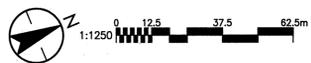
Project title / Titre du projet: **RIDING MOUNTAIN NATIONAL PARK WASAGAMING STORM WATER MANAGEMENT SYSTEM WASAGAMING, MANITOBA**

Drawing title / Titre du dessin: **OVERALL STORMWATER SERVICING PLAN**

Surveyed by / Arpenté par: KR	Drawn by / Dessiné par: KR	Date: 2016-10-12
Designed by / Concept par: RS	Reviewed by / Révisé par: RS	Scale / Echelle:
Client Acceptance / Acceptation du client:	Approved by / Approuvé par:	Date:

Project No. / N° du projet: 827.03	Asset No. / N° du bien:	Sheet No. / N° de la feuille: C1 of 05
Drawing Set No. / N° de série du dessin:		

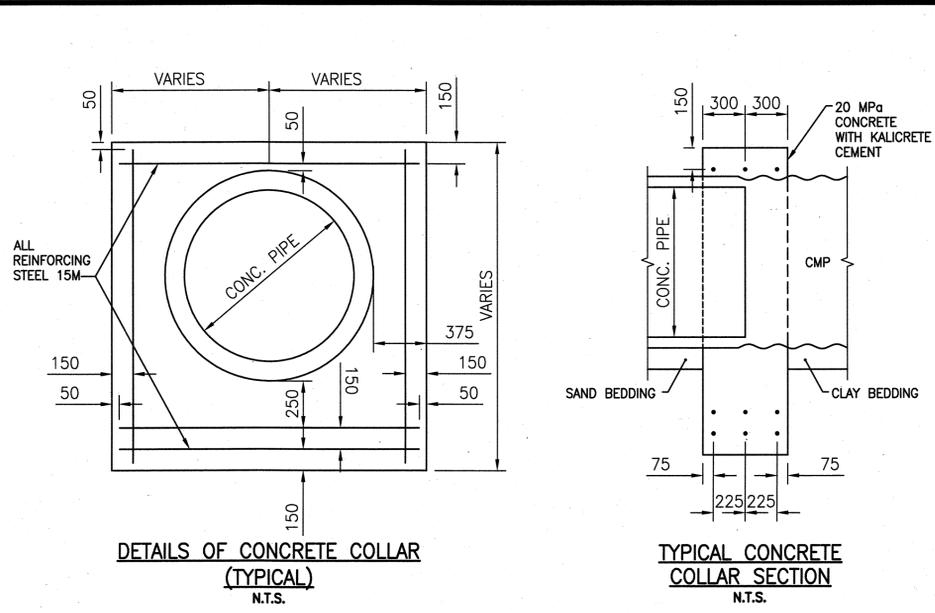
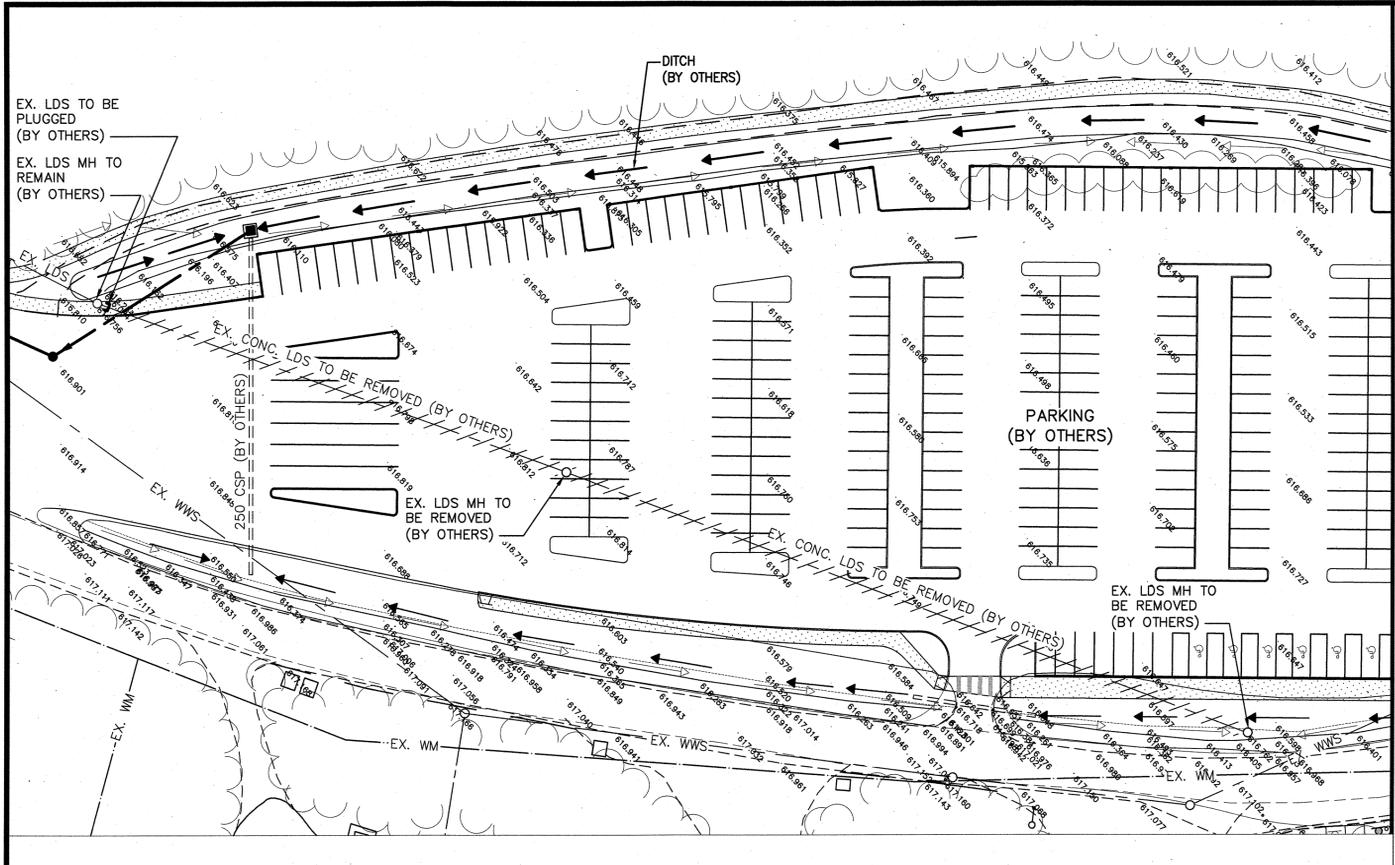
**WARNING**  
 IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:  
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.  
 SEE PROVINCIAL REGULATION 140/92 FOR DETAILS



**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

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 2016/01/24 3:30 PM By: Romarose, Kash





EXISTING	LEGEND	PROPOSED
150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕
⊗	VALVE	⊗
300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	○
□	CATCH BASIN	□
▽	CURB INLET	▽
▬▬▬	CULVERT	▬▬▬
▬▬▬	ASPHALT	▬▬▬
+	SURVEY BAR	+
←	SWALE	←
*617.12	ELEVATION	x(616.53)
⊕	SWALE ELEVATION	⊕(616.37)
⊕	BOLLARD	⊕
⊕	BUSH	⊕
▬▬▬	COMPACTED CLAY FILL	▬▬▬
▬▬▬	GRAVEL PARKING LOT	▬▬▬
▬▬▬	BUILDING	▬▬▬

No.	Date	Description	Drawn by Dessiné par	Approved Approuvé
02	2018-01-24	ISSUED FOR TENDER	KR	RS
01	2018-01-12	ISSUED FOR REVIEW	KR	RS

Revision / Révision	
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Linear dimensions in millimetres	Dimensions linéaires en millimètres
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 Tel. 204.489.5900 Fax. 204.453.9012 www.stantec.com

Eng. Stamp / Sceau de l'ingénieur: **PROVINCE OF MANITOBA**  
**SHEROCK**  
 PROFESSIONAL ENGINEER

Parks Canada / Parcs Canada  
 Strategic Asset Management, Western and Northern Region / Gestion Stratégique des Biens, Région de l'Ouest et du Nord

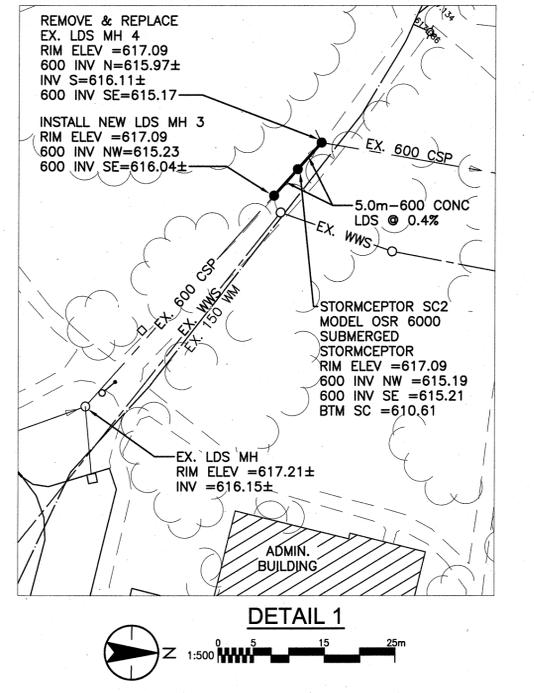
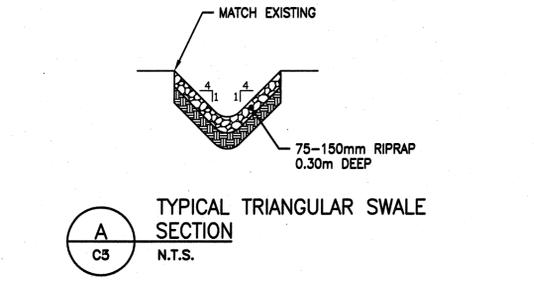
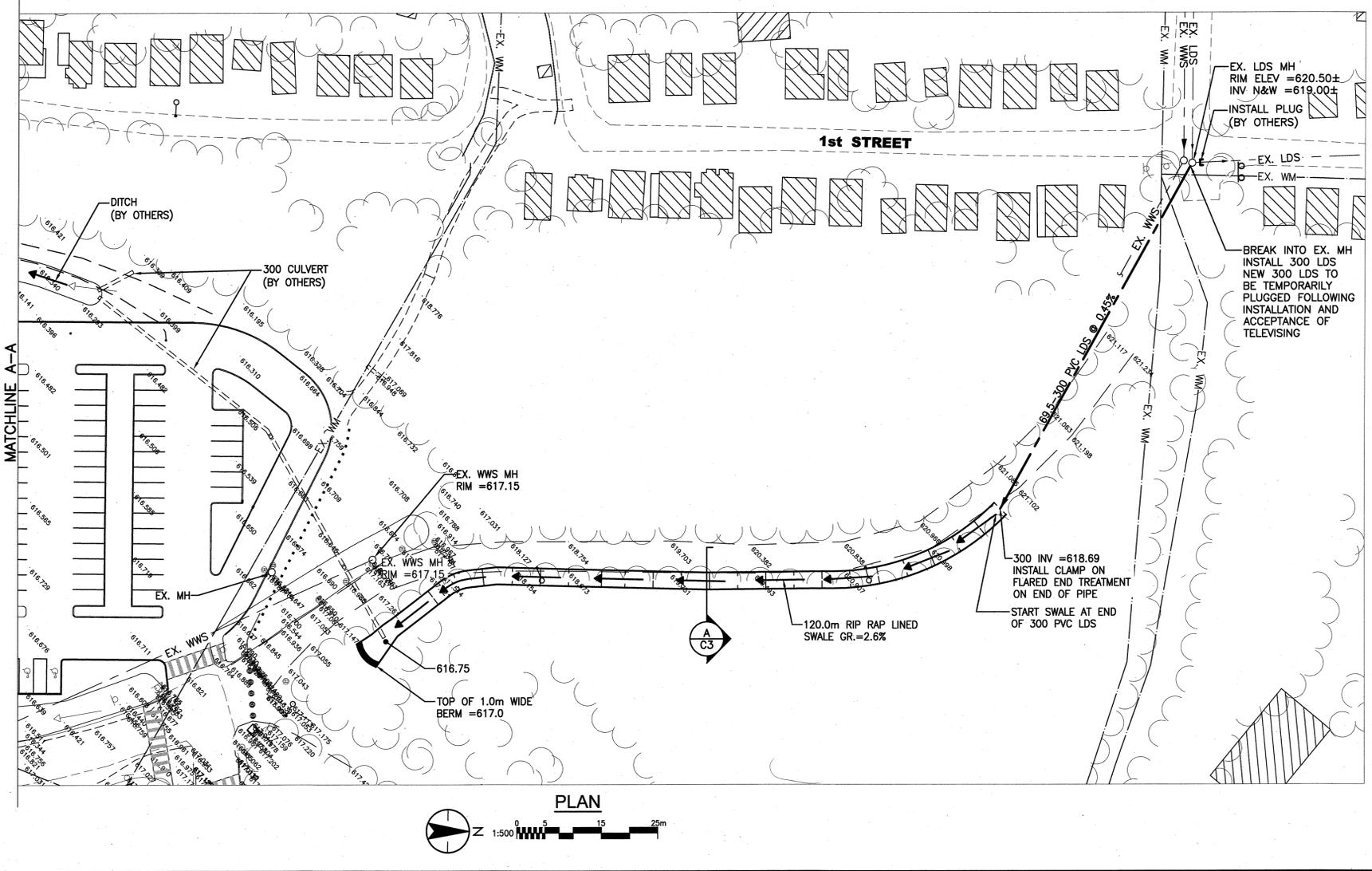
**Canada**  
**ENGINEERS GEOSCIENTISTS MANITOBA**  
 Certificate of Authorization / Stantec Consulting Ltd. No. 1301

Project title / Titre du projet: **RIDING MOUNTAIN NATIONAL PARK WASAGAMING STORM WATER MANAGEMENT SYSTEM WASAGAMING, MANITOBA**

Drawing title / Titre du dessin: **PARKING AREA SWALE TO 1st STREET & WEST OUTFALL STORMCEPTOR**

Surveyed by / Arpenté par: KR	Drawn by / Dessiné par: KR	Date: 2016-10-12
Designed by / Concept par: RS	Reviewed by / Révisé par: RS	Scale / Echelle:
Client Acceptance / Acceptation du client:	Approved by / Approuvé par:	Date:

Project No. / No du projet: 827.03	Asset No. / No du bien:	Sheet No. / No de la feuille: C3 of 05
Drawing Set No. / No de série du dessin:		

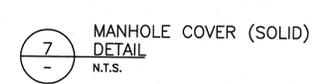
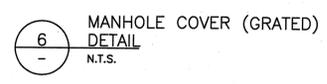
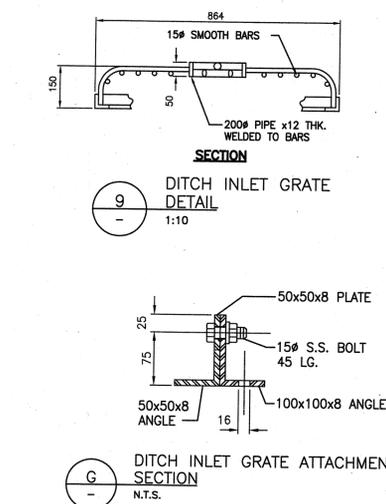
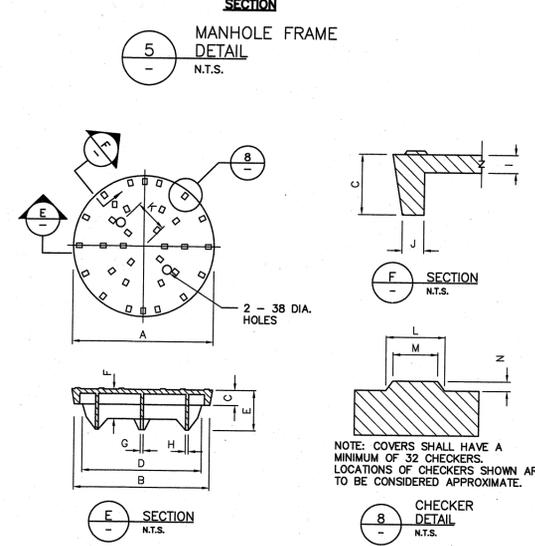
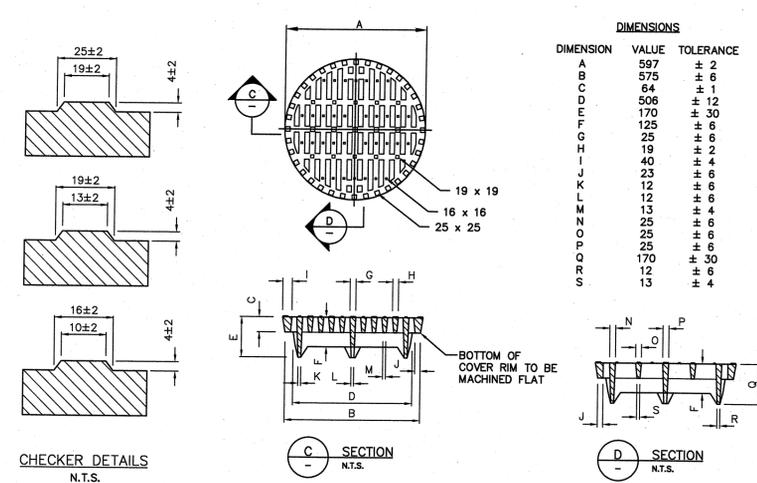
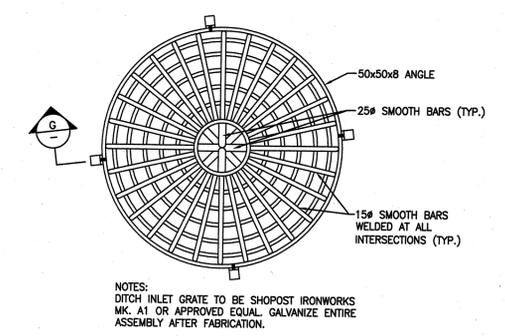
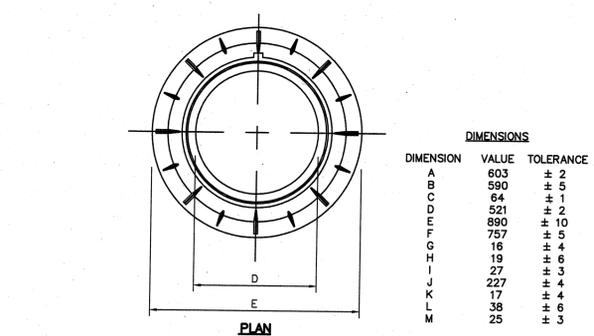
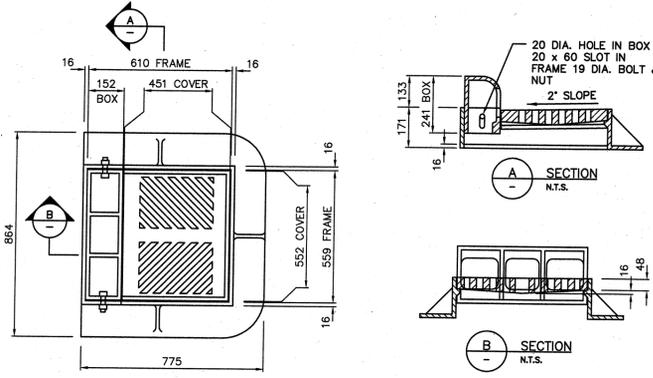
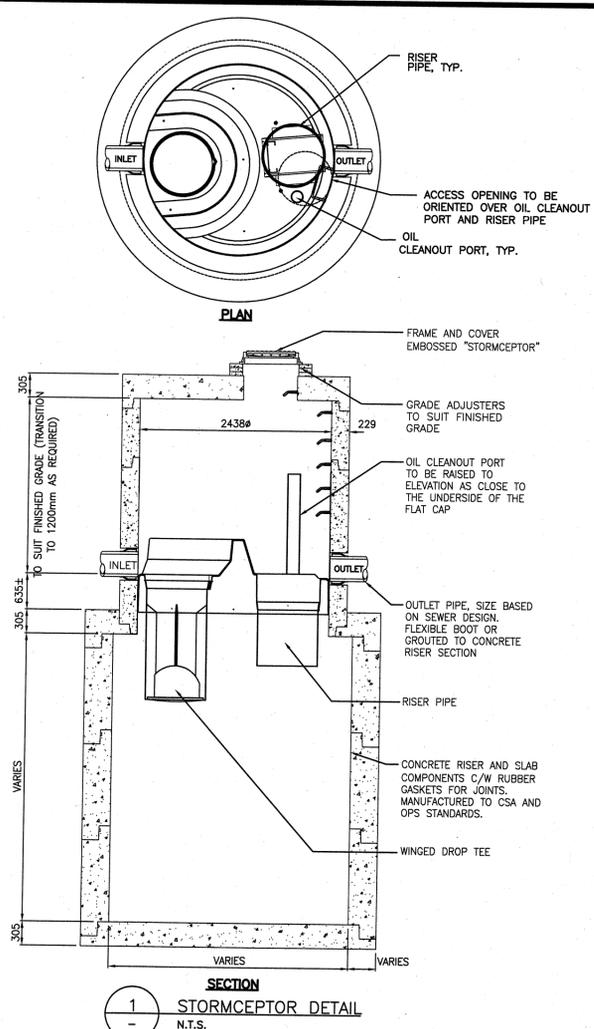
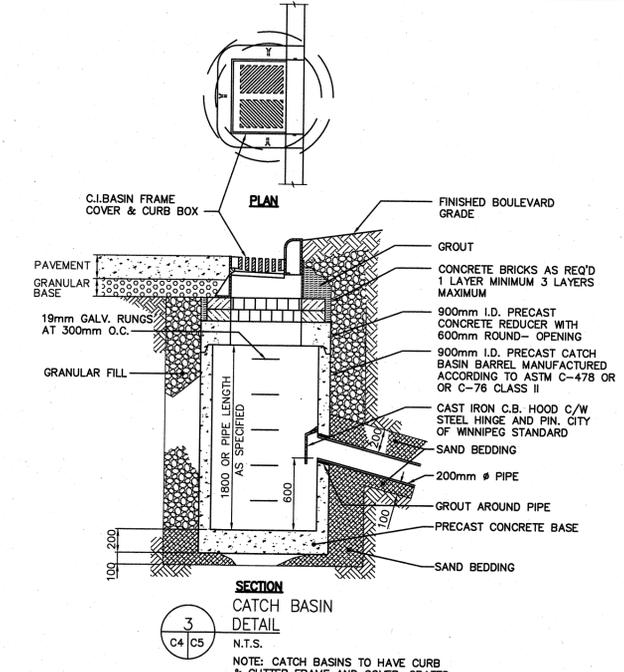
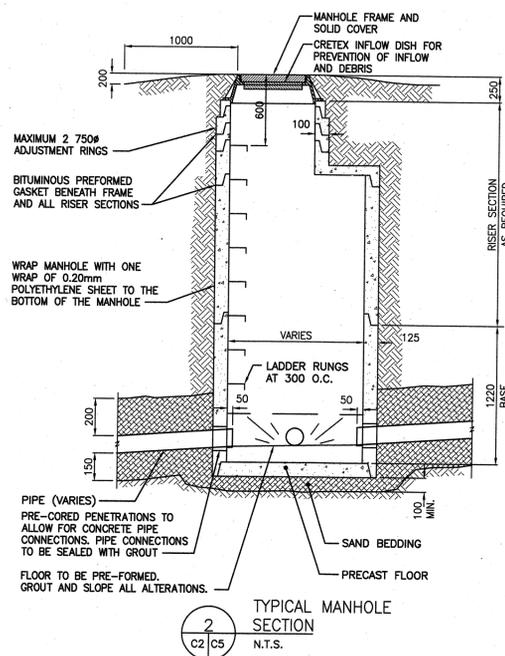


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Revision / Révision

A	B	A Numéro de détail	B Numéro de la feuille

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Eng. Stamp / Sceau de l'ingénieur: **SHOCK** 24045

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**RIDING MOUNTAIN NATIONAL PARK  
WASAGAMING STORM WATER  
MANAGEMENT SYSTEM  
WASAGAMING, MANITOBA**

Drawing title/Titre du dessin  
**DETAILS**

Surveyed by/Arpenté par RS	Drawn by/Dessiné par KR	Date 2016-10-12
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Client Acceptance/Acceptation du client		Approved by/Approuvé par
Date		Date
Project No./N° du projet 827.03	Asset No./N° du bien	Sheet No./N° de la feuille C5 of 5
Drawing Set No./N° de série du dessin		