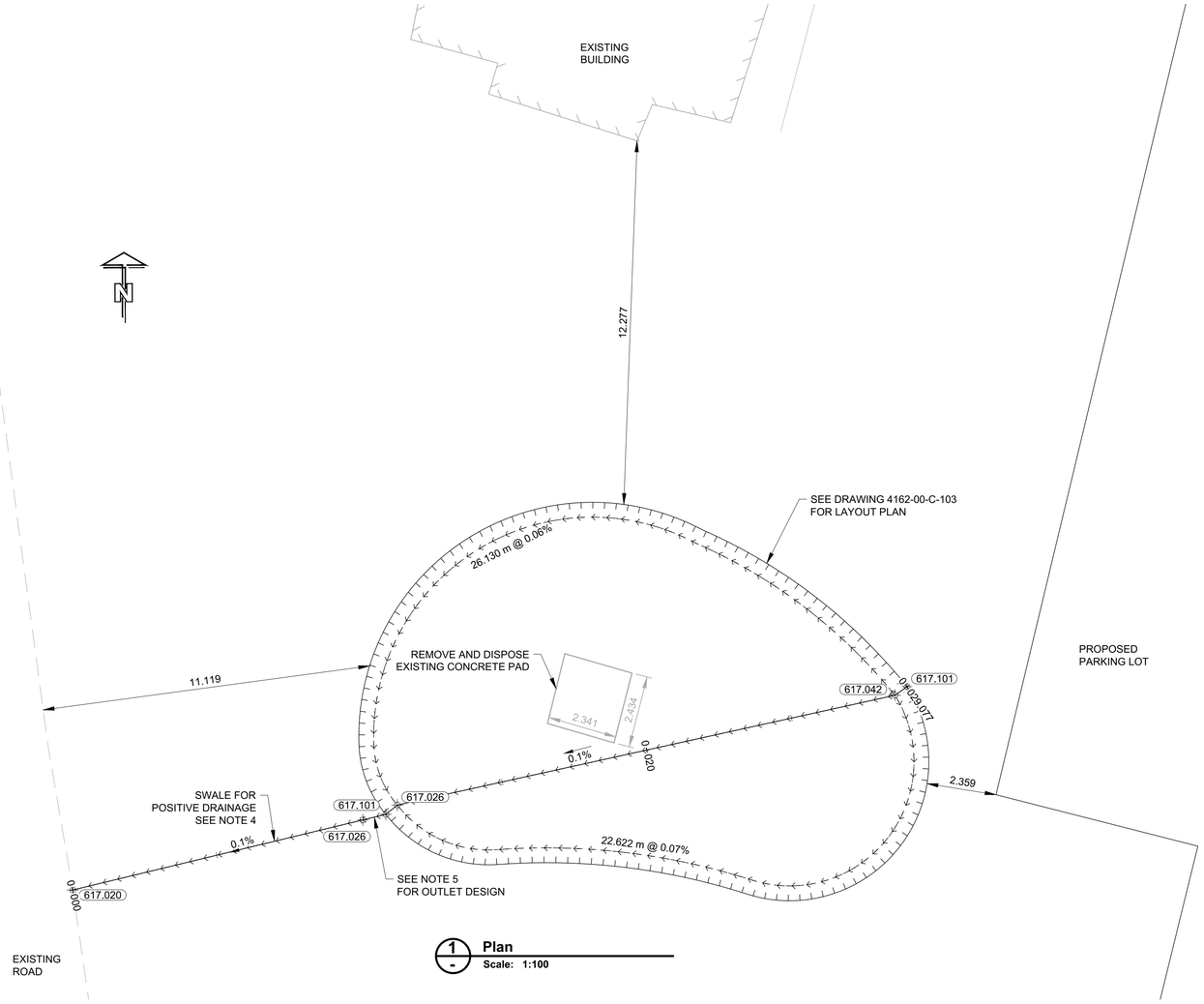
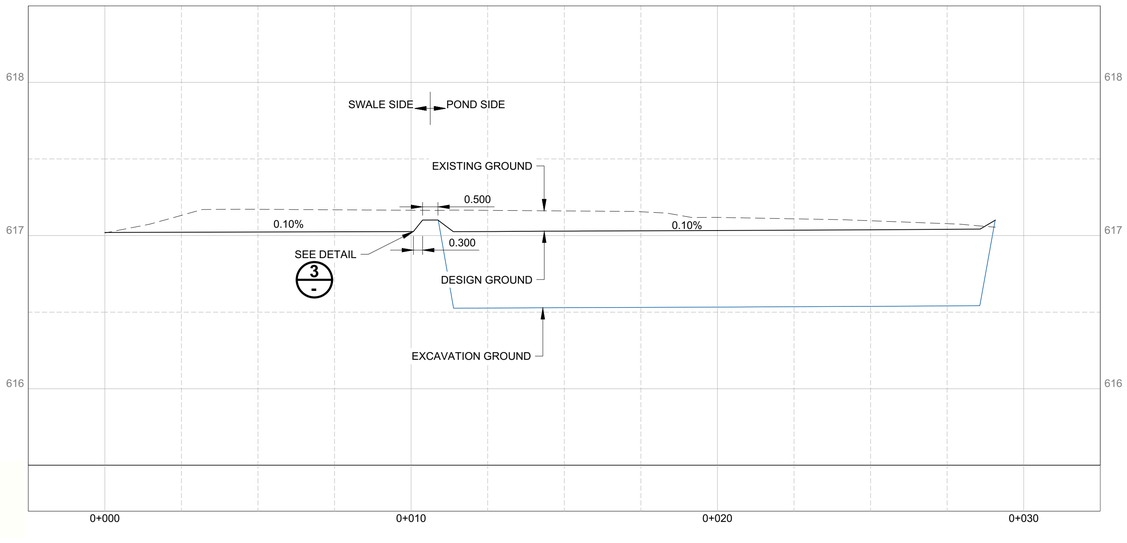
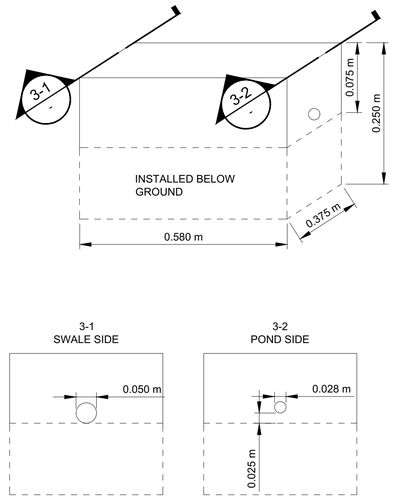


1 - Plan
Scale: 1:100



2 - Profile
Scale: 1:100



3 - Irrigation Box Detail
Scale: NTS

NOTES:

1. THE CONTRACTOR IS RESPONSIBLE TO LOCATE UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
2. THE CONTRACTOR IS RESPONSIBLE TO DISPOSE OF SURPLUS MATERIAL FROM SITE.
3. BERMING REQUIRED AROUND THE RAIN GARDEN TO BE 0.5 m TOP AND TIE BACK TO EXISTING GROUND AT 4:1 SLOPE.
4. OUTLET SWALE TO BE CONSTRUCTED TO PROVIDE POSITIVE DRAINAGE TO EXISTING ROAD.
5. INSTALL 12" RECTANGULAR IRRIGATION BOX THROUGH BERM. SET TOP OF BOX TO MATCH TOP ELEVATION OF THE BERM AT 617.101. DRILL 28 mm (DIA) HOLE ON POND SIDE OF THE BOX 25 mm ABOVE POND BOTTOM (SEE DETAIL 3). THIS WILL PROVIDE A RELEASE RATE OF 1 L/s FROM POND. DRILL 50 mm HOLE ON SWALE SIDE OF THE BOX WITH THE INVERT FLUSH WITH THE SWALE BOTTOM. FILL INSIDE OF THE BOX WITH SAND TO THE HEIGHT OF THE POND BOTTOM. SHAPE BERM SIDE SLOPES FOR SMOOTH TRANSITION TO THE BOX.
6. ALL POND ELEVATIONS ARE AT TOP OF SOIL UNLESS OTHERWISE SPECIFIED. SEE DRAWING 4162-00-L-101 LANDSCAPE PLAN FOR SOIL EXCAVATION DEPTH AND REPLACEMENT.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LEGEND

CONTROL LINE
PROPOSED EDGE OF GRAVEL
PROPOSED EDGE OF PAVEMENT
EXISTING WOOD FENCE
PROPOSED BOTTOM OF BANK
PROPOSED TOP OF BANK
EXISTING FLOW PATH
PROPOSED FLOW PATH

No.	Date	Description	Drawn by Dessinfi par	Approved Approuve'
3	2019/01/29	100% Resubmission	LB	JO
2	2018/12/12	100% Submission	LB	JO
1	2018/11/16	65% Submission	LB	JO

Revision / Revision

A B — Detail number / Sheet number — A Numéro de detail / B Numéro de la feuille

Linear dimensions in millimetres — Dimensions linéaires en millimétres

Eng. Stamp / Sceau de l'ingénieur: PROVINCE OF MANITOBA — J. P. O'DRISCOLL — 2019-02-08 — REGISTERED PROFESSIONAL ENGINEER

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Associated Engineering (Sask) Ltd.
No. 396 Date: February 08, 2019

Parks Canada — Parcs Canada

Associated Engineering
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BEST MANAGED COMPANIES Platinum member

Project title/Titre du projet

RIDING MOUNTAIN NATIONAL PARK TOWNSITE PAVING & PARKING WASAGAMING, MANITOBA

Drawing title / Titre du dessin

TOWNSITE PARKING LOT STORMWATER RETENTION CIVIL SITE PLAN

Surveyed by/Arpente par ´	Drawn by/Dessine par´ LB	Date 2019-01-29
Designed by/Concept par LB	Reviewed by/Revise paf	Scale/Echelle AS SHOWN
Client Acceptance/Acceptation du client — Date	Approved by/Approuve par ´ — Date	
Project No./N ° du projet PRO 828.2	Asset No./N ° du bien	Sheet No. / N. de la feuille C.2.5
Drawing Set No./N ° de sefie du dessin 4162-00-C-102		