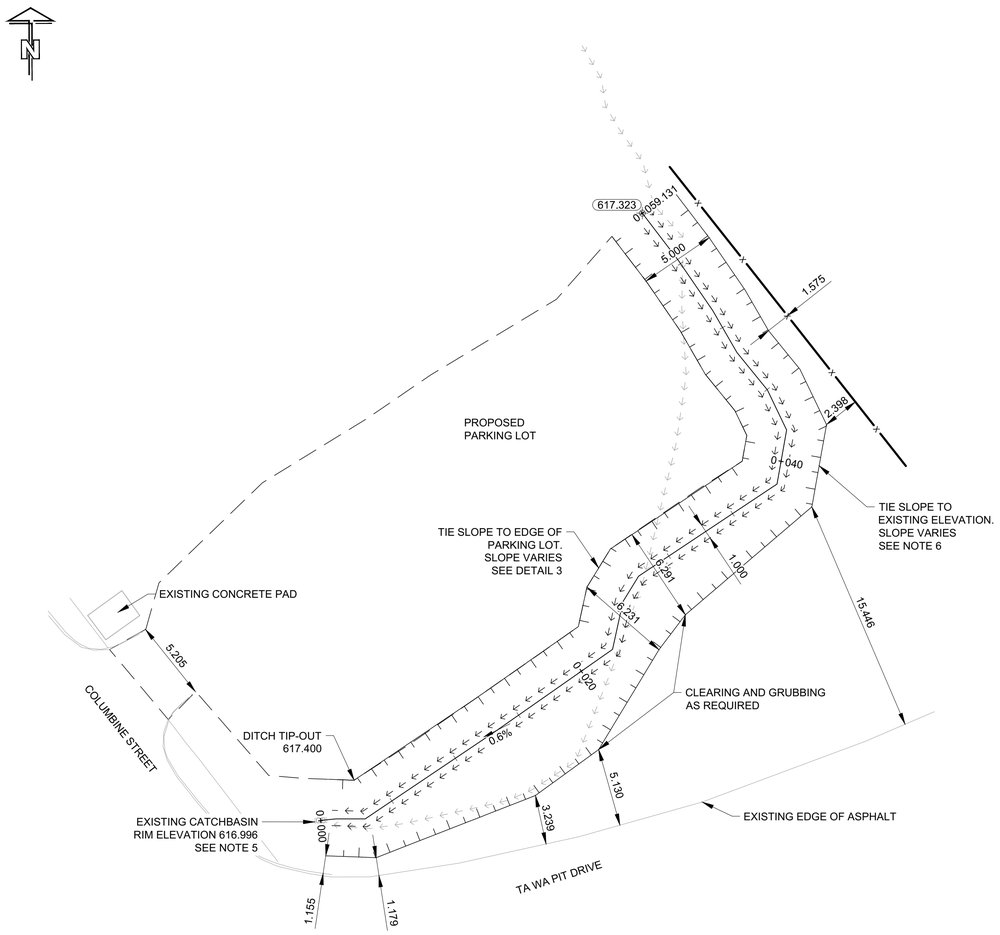
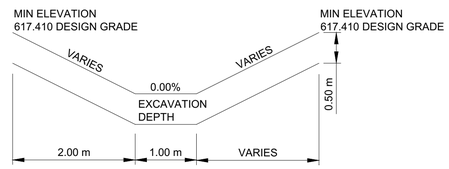
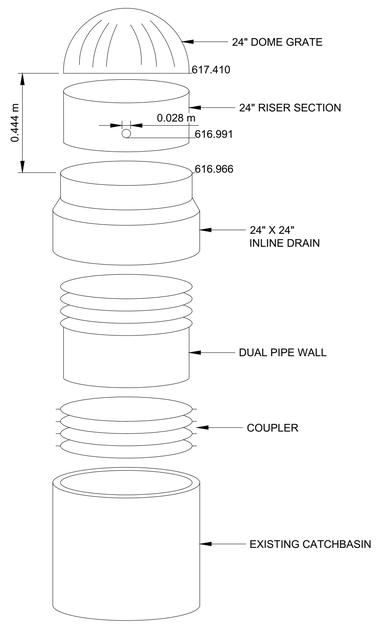


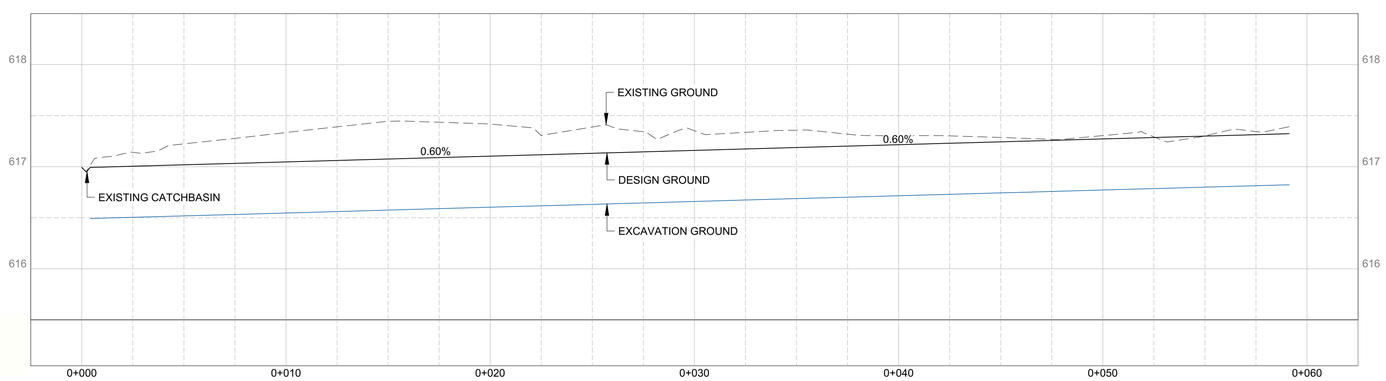
1 - Plan
Scale: 1:200



3 - Typical Cross-Section
Scale: NTS



4 - Catchbasin Adjustment Detail
Scale: NTS



2 - Profile
Scale: 1:150

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. CLEARING AND GRUBBING TO BE DETERMINED AND CONFIRMED IN THE FIELD.
4. DITCH BOTTOM IS TO BE 1.00 m WITH 0.0% CROSS SLOPE. CENTERLINE IS LOCATED 2.5 m FROM THE PROPOSED PARKING LOT EDGE OF GRAVEL.
5. REMOVE EXISTING CATCHBASIN GRATE AND ADJUST CATCHBASIN AS SHOWN IN DETAIL 4. THE 28 mm (DIS) HOLE IN THE STRUCTURE IS SIZED TO ALLOW A RELEASE RATE OF 1 L/s. CONTRACTOR IS RESPONSIBLE FOR DETERMINING COUPLER SIZE TO FIT THE EXISTING CATCHBASIN RISER.
6. TIE SLOPE TO EXISTING ELEVATION TARGET 617.400.
7. ALL DITCH 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 Approuvef
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

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Canada's Top 100 Best Managed Companies — Platinum member

Project title/Titre du projet

RIDING MOUNTAIN NATIONAL PARK TOWNSITE PAVING & PARKING WASAGAMING, MANITOBA

Drawing title / Titre du dessin

152 COLUMBINE 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
Drawing Set No./N ° de sefie du dessin 4162-00-C-101		C.4.2