



STATIC PONDING				
PONDING ID	STRUCTURE	MAX PONDING DEPTH (m)	MAX PONDING ELEVATION (m)	MAX PONDING VOLUME (m³)
P1	CB-50	0.11	104.86	4.75
P2	CB-51	0.13	104.50	4.12
P3	CB-52 & 53	0.20	104.65	29.00
P4	CB-54 & 55	0.15	104.79	22.20
P5	CB-57	0.13	105.33	6.02

PAVEMENT STRUCTURE:
PRIVATE ROADWAY
40mm ASPHALT SP12.5
60mm ASPHALT SP19.0
150mm GRAN "A"
400mm GRAN "B" TYPE II
650mm TOTAL DEPTH

LEGEND

- 2.0% PROPOSED GRADE AND DIRECTION
- 72.55 PROPOSED ELEVATION EXISTING ELEVATION
- 72.55 PROPOSED ELEVATION
- 72.55 HP PROPOSED ELEVATION AT HIGH POINT
- 72.55 EP PROPOSED ELEVATION AT EDGE OF PAVEMENT
- 72.55 TC PROPOSED ELEVATION AT TOP OF CURVE
- VB PROPOSED VALVE & VALVE BOX LOCATION
- 104.60 DEPRESSED CURB
- PROPOSED HYDRANT AND TOP OF FLANGE ELEVATION
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM MANHOLE
- 15 TIG=100.00 PROPOSED OVERLAP
- 72.55 MAJOR OVERLAND FLOW DIRECTION
- RETAINING WALL
- 3.1 TERRACING AND SLOPE
- PONDING AREA

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
1.	SITE PLAN SUBMISSION	MAR 22/19	MAB

SCALE: 1:300

FOR REVIEW ONLY

DESIGN: DTD
CHECKED: MAB
DRAWN: DTD
CHECKED: MAB
APPROVED: JGR

PROFESSIONAL ENGINEER
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2019, 03, 22
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CITY OF OTTAWA
FERNBANK CROSSING - BLOCK 135

GRADING PLAN

PROJECT No.: 117089
REV: 1
DRAWING No.: 117089-GR