



LEGEND

- 0.24 ha AREA (hectares)
- A-01 AREA ID
- 0.65 RUN-OFF COEFFICIENT
- PROPOSED STORM DRAINAGE AREA BOUNDARY
- PROPOSED STORM MANHOLE / SEWER AND FLOW DIRECTION
- PROPOSED ROAD CATCHBASIN
- CATCH BASIN MANHOLE
- MAJOR SYSTEM FLOW ROUTE
- MAX STATIC PONDING LIMITS
- 100-YR PONDING LIMITS

0.029
A-04
0.66

0.073
A-01
0.81

0.011
A-03
0.35

0.095
A-02
0.75

BLOCK 1
(20 UNITS)
FF1=94.42
TF=93.29
FF0=91.31
USF=90.96

Mélanie Gervais
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PLANNER III
PLANNING, REAL ESTATE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Melanie Gervais at 10:09 am, Jan 22, 2024

STM MANHOLE TABLE

MANHOLE ID	SIZE (mm)	T/G ELEV (m)	INVERT (m)	ICD	100YR DESIGN FLOW (L/s)	100YR HEAD (m)
137	1200mmØ	92.94	E=91.14 N=90.65	-	-	-
139	1200mmØ	92.90	S=90.28 NE=90.21	-	-	-
CBMH1	1200mmØ	92.50	SW=90.04 E=90.04	TEMPEST LMF (VORTEX 50)	3.5	2.68

PONDING

PONDING ID	STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)	MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
P1	CBMH1	92.72	0.22	92.73	0.23	92.70	0.20
P2	CB3	92.75	0.10	92.78	0.13	92.85	0.20
P3	CB1	92.79	0.14	92.83	0.18	92.95	0.30

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.	CITY SUBMISSION	FEB 24/23	MAB

SCALE
1:200

DESIGN
LRW
CHECKED
MAB
DRAWN
DTD
CHECKED
LRW
APPROVED
MAB

FOR REVIEW ONLY

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CITY OF OTTAWA
285 MOUNTSHANNON DRIVE - BLOCK 1

STORM DRAINAGE AREA PLAN

PROJECT No. 112021-04
REV. REV #1
DRAWING No. 112021-04-STM

M:\2021\112021\Block 1\CADD\Design\112021-04-STM.dwg, STM, Feb 23, 2023, 2:10pm, dduffon