



**LEGEND**

- PROPOSED BARRIER CURB
- DC PROPOSED DEPRESSED CURB
- DRAINAGE AREA LIMITS
- APPROXIMATE PONDING LIMITS
  - 5-YEAR=77.07
  - 100-YEAR=77.21
- EMERGENCY SPILL = 77.25
- POST-DEVELOPMENT AREA ID
- POST-DEVELOPMENT DRAINAGE AREA (ha)
- 1:5 YEAR WEIGHTED RUNOFF COEFFICIENT
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- CONTROLLED FLOW ROOF DRAIN
- PROPOSED STORM SEWER
- PROPOSED INLET CONTROL DEVICE
- DIRECTION OF MAJOR OVERLAND FLOW
- PROPOSED BUILDING ENTRANCE / EXIT
- EXISTING STORM MH & SEWER
- EXISTING CATCHBASIN C/W CATCHBASIN LEAD
- MAXIMUM 3:1 SIDESLOPE
- MVCA REGULATORY FLOODPLAN (APPROXIMATE)
- MVCA REGULATORY LIMIT (APPROXIMATE)

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.

**ROOF DRAIN TABLE**

ROOF DRAIN NO.	ROOF DRAIN AREA (m <sup>2</sup> )	APPROX. 5 YEAR RELEASE RATE	APPROX. 5 YEAR PONDING DEPTH	100 YEAR RELEASE RATE	APPROX. 100 YEAR PONDING DEPTH	APPROX. 5 YEAR STORAGE VOLUME	APPROX. 100 YEAR STORAGE VOLUME
RD1	394	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10-15 cm	5 m <sup>3</sup>	13 m <sup>3</sup>
RD2	392	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10-15 cm	5 m <sup>3</sup>	13 m <sup>3</sup>
RD3	432	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10-15 cm	6 m <sup>3</sup>	15 m <sup>3</sup>
RD4	477	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10-15 cm	7 m <sup>3</sup>	17 m <sup>3</sup>
RD5	403	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10-15 cm	6 m <sup>3</sup>	13 m <sup>3</sup>
RD6	398	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10-15 cm	5 m <sup>3</sup>	13 m <sup>3</sup>
TOTAL	2,496	15.0 L/S	N/A	MAX. 18.0 L/S	N/A	N/A	N/A

\* REFER TO THE 'SITE SERVICING AND SWM REPORT' (R-2019-157) PREPARED BY NOVATECH FOR STORMWATER MANAGEMENT DETAILS.  
 \* CONTROLLED ROOF DRAIN ARE TO BE WATTS ADJUSTABLE FLOW CONTROL ROOF DRAINS SET ON THE FULLY EXPOSED WEIR OPENING (OR EQUIVALENT, SO THAT MAXIMUM 100-YEAR RELEASE RATES ABOVE ARE MET) REVISED STORAGE CALCULATIONS TO BE COMPLETED AT DETAILED DESIGN.

REFER TO 119110-GP FOR ADDITIONAL NOTES

No.	REVISION	DATE	BY
3.	REVISED PER CITY COMMENTS	FEB 28/2020	GJM
2.	REVISED PER CITY COMMENTS	JAN 17/2020	GJM
1.	ISSUED WITH SITE SERVICING & SWM REPORT	OCT 9/2019	GJM

DESIGN	DESIGNED	CHECKED	DRAWN	APPROVED
LGB	JAG	RJG	LGB	GJM

**SCALE**

1:500

**FOR REVIEW ONLY**

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LOCATION  
 CITY OF OTTAWA  
 2707 SOLANDT ROAD

DRAWING NAME  
 STORMWATER MANAGEMENT PLAN

PROJECT No. 119110  
 REV # 3  
 DRAWING No. 119110-SWM