

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 CATCHBASIN
- PODIUM DRAIN
- MAJOR SYSTEM FLOW ROUTE

14.0m-250mmØ STM @ 1.00%
CAP INV.=64.39

ICD TABLE

STRUCTURE ID	ICD TYPE	INVERT (m)	100-YR HEAD (m)	100-YR PEAK FLOW (L/s)
CB3	TEMPEST LMF	SE=64.90	1.58	6.1

CISTERN #1 SYSTEM

DESIGN EVENT	STORAGE SYSTEM CONTROLLED FLOW	STORAGE VOLUMES	
		REQUIRED	PROVIDED
1:2 YR		29.8 m³	
1:5 YR		51.3 m³	
1:100 YR	11.4 L/s	121.0 m³	>181 m³
1:100+20%		157.7 m³	

NOTES:

- ALL DRAINAGE FROM AREAS A-1, A-2 & A-3 TO BE DIRECTED TO THE CISTERN #1 SYSTEM. REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR DETAILS.
- REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT SIZE AND DETAILS OF INTERNAL STORMWATER STORAGE SYSTEM.
- REFER TO MECHANICAL PLANS FOR PUMP INFORMATION AND DETAILS OF THE INTERNAL STORMWATER STORAGE SYSTEM.

CISTERN #2 SYSTEM

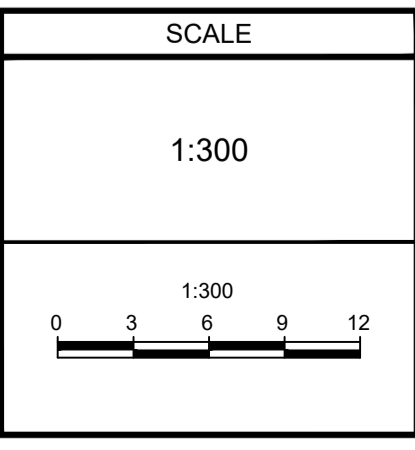
DESIGN EVENT	STORAGE SYSTEM CONTROLLED FLOW	STORAGE VOLUMES	
		REQUIRED	PROVIDED
1:2 YR		22.9 m³	
1:5 YR		57.4 m³	
1:100 YR	6.9 L/s	88.3 m³	>194 m³
1:100+20%		115.0 m³	

NOTES:

- ALL DRAINAGE FROM AREAS A-A & A-5 TO BE DIRECTED TO CISTERN #2 SYSTEM. REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR DETAILS.
- REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT SIZE AND DETAILS OF INTERNAL STORMWATER STORAGE SYSTEM.
- REFER TO MECHANICAL PLANS FOR PUMP INFORMATION AND DETAILS OF THE INTERNAL STORMWATER STORAGE SYSTEM.

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
2.	REISSUED FOR SPA	JAN 14/26	MAB
1.	SITE PLAN APPLICATION	JUNE 27/25	MAB



FOR REVIEW ONLY

DESIGN: LRW
 CHECKED: MAB
 DRAWN: LPA
 CHECKED: LRW
 APPROVED: MAB

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CITY OF OTTAWA
335 ROOSEVELT AVENUE

STORM DRAINAGE AREA PLAN

PROJECT No: 110098
 REV: REV # 2
 DRAWING No: 110098-STM

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