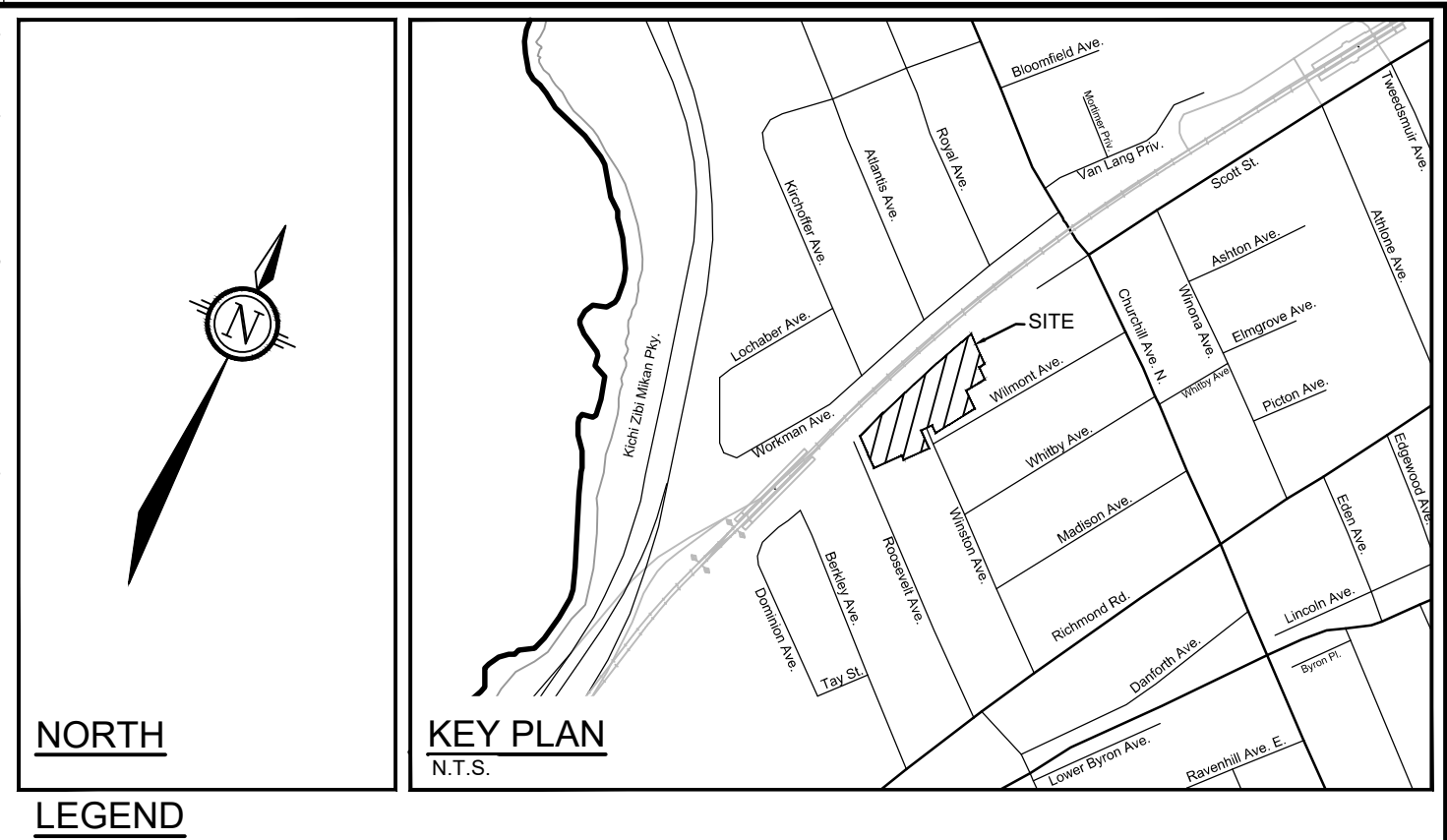
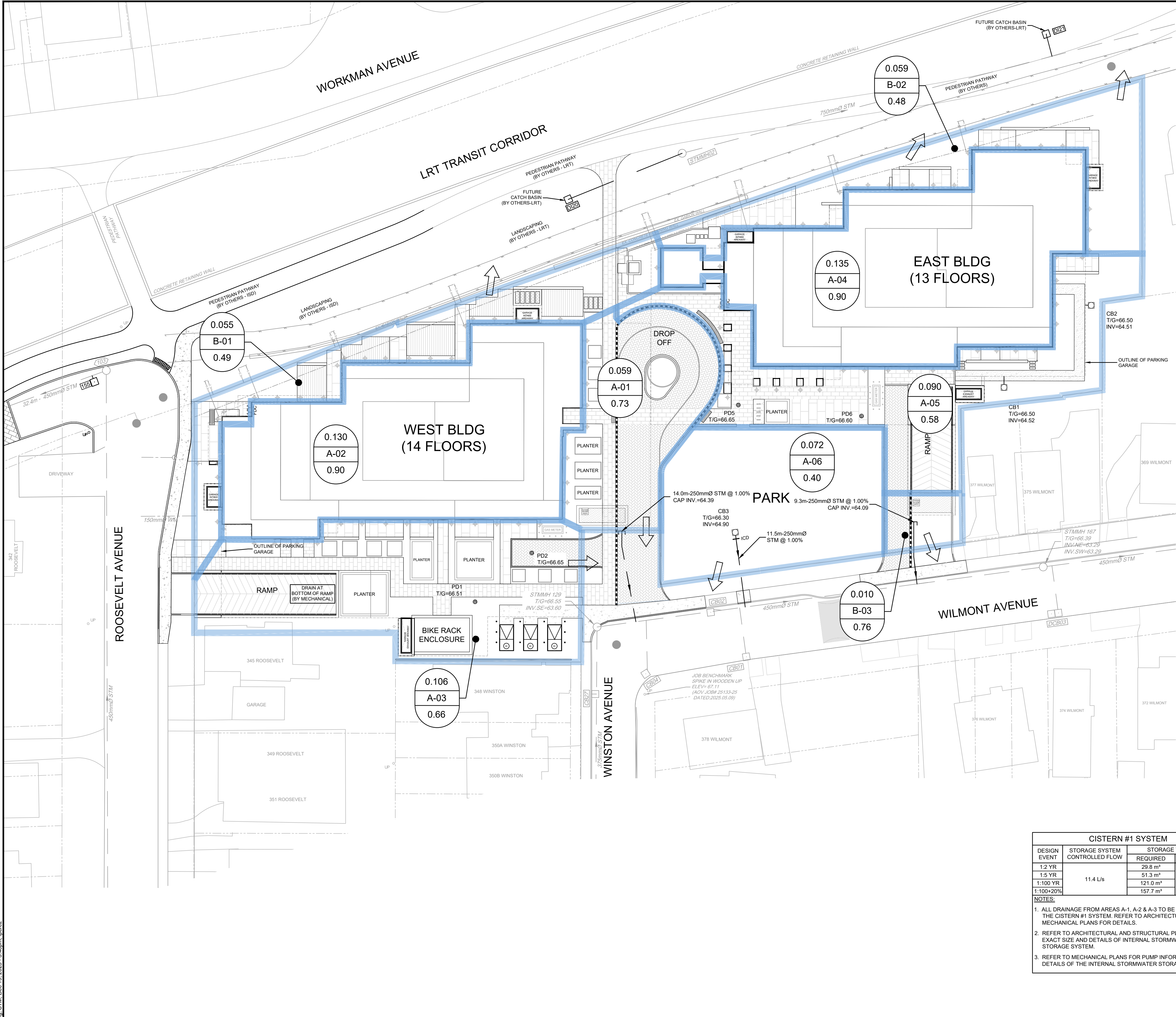




- LEGEND**
- 0.24 ha AREA (hectares)
 - A-01 AREA ID
 - 0.65 RUN-OFF COEFFICIENT
 - PROPOSED STORM DRAINAGE AREA BOUNDARY
 - PROPOSED STORM MANHOLE / SEWER AND FLOW DIRECTION
 - PROPOSED CATCHBASIN
 - PODIUM DRAIN
 - MAJOR SYSTEM FLOW ROUTE

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	11.4 L/s	29.8 m ³	>181 m ³
1:5 YR		51.3 m ³	
1:100 YR		121.0 m ³	
1:100+20%		157.7 m ³	
NOTES:			
1. 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.			
2. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT SIZE AND DETAILS OF INTERNAL STORMWATER STORAGE SYSTEM.			
3. 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	6.9 L/s	22.9 m ³	>194 m ³
1:5 YR		57.4 m ³	
1:100 YR		88.3 m ³	
1:100+20%		115.0 m ³	
NOTES:			
1. ALL DRAINAGE FROM AREAS A-A & A-S TO BE DIRECTED TO CISTERN #2 SYSTEM. REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR DETAILS.			
2. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT SIZE AND DETAILS OF INTERNAL STORMWATER STORAGE SYSTEM.			
3. 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.

2. REISSUED FOR SPA			DEC 19/25	MAB
1. SITE PLAN APPLICATION			JUNE 27/25	MAB
No.	REVISION	DATE	BY	

SCALE

1:300

0 3 6 9 12

DESIGN

LRW

CHECKED

MAB

DRAWN

LPA

CHECKED

LRW

APPROVED

MAB

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER

L.R. WILSON

100160065

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CITY OF OTTAWA

335 ROOSEVELT AVENUE

STORM DRAINAGE AREA PLAN

PROJECT No.

110098

REV

REV # 2

DRAWING No.

110098-STM

M:\2010\110098\CAD\Design\110098-STM.dwg, STM, Dec 19, 2025 - 3:46pm, jpenz

PLASAT.DWG - 87mmx56mm