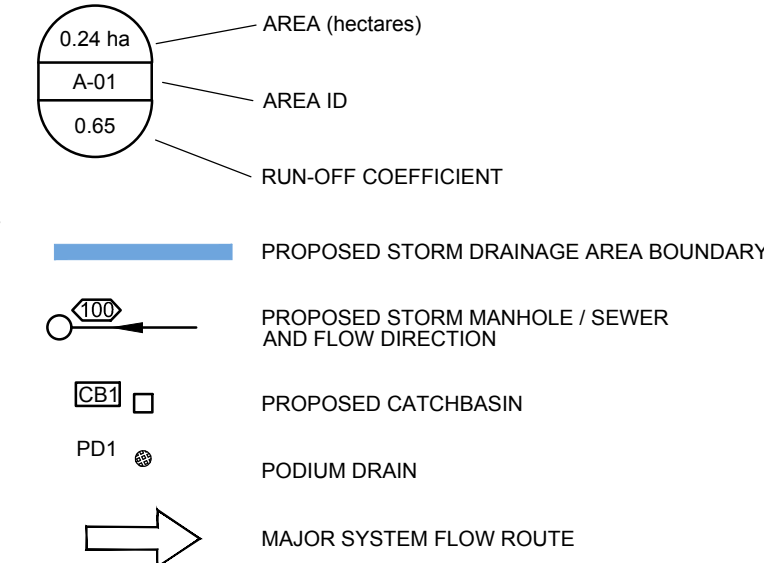
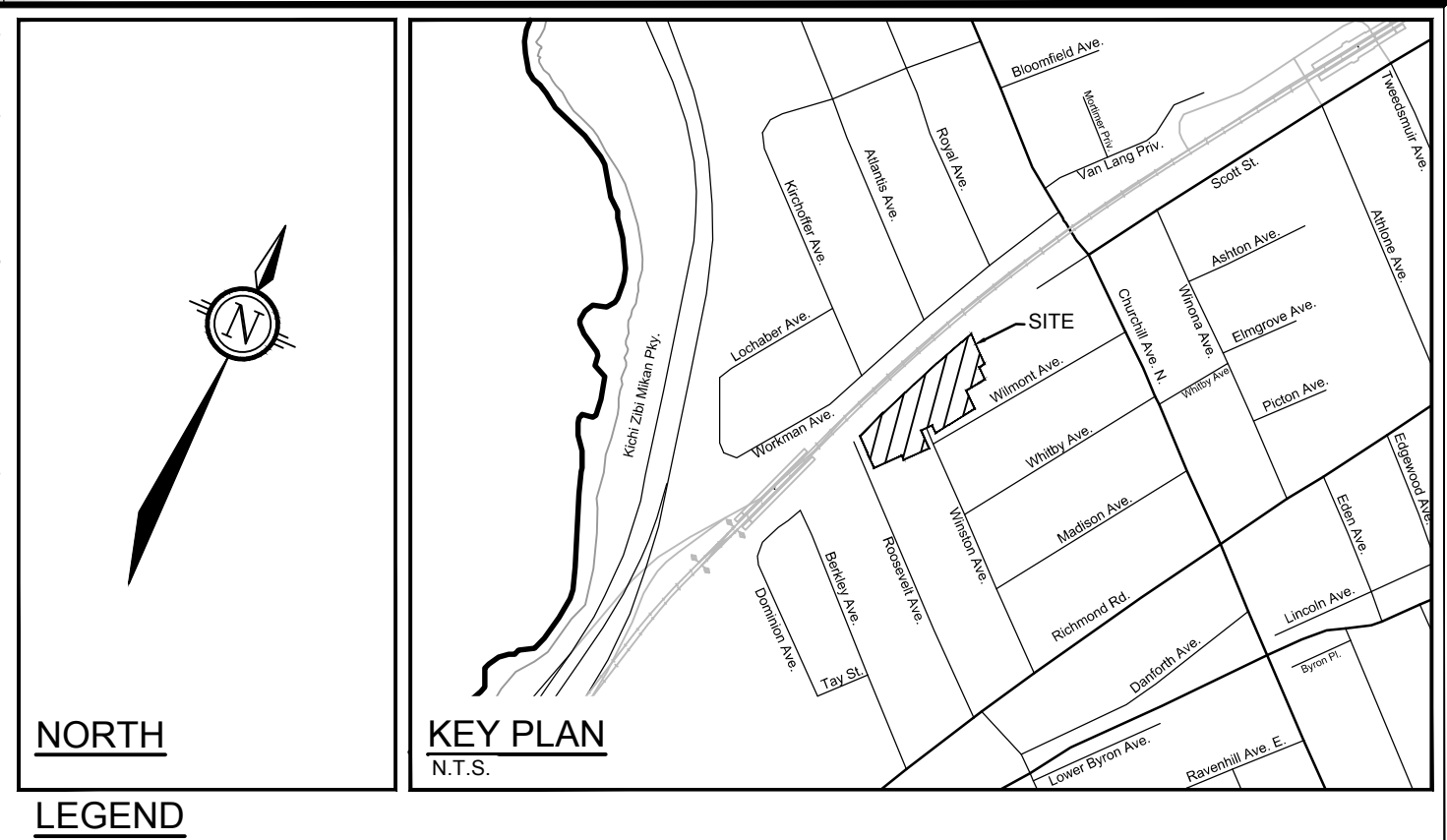
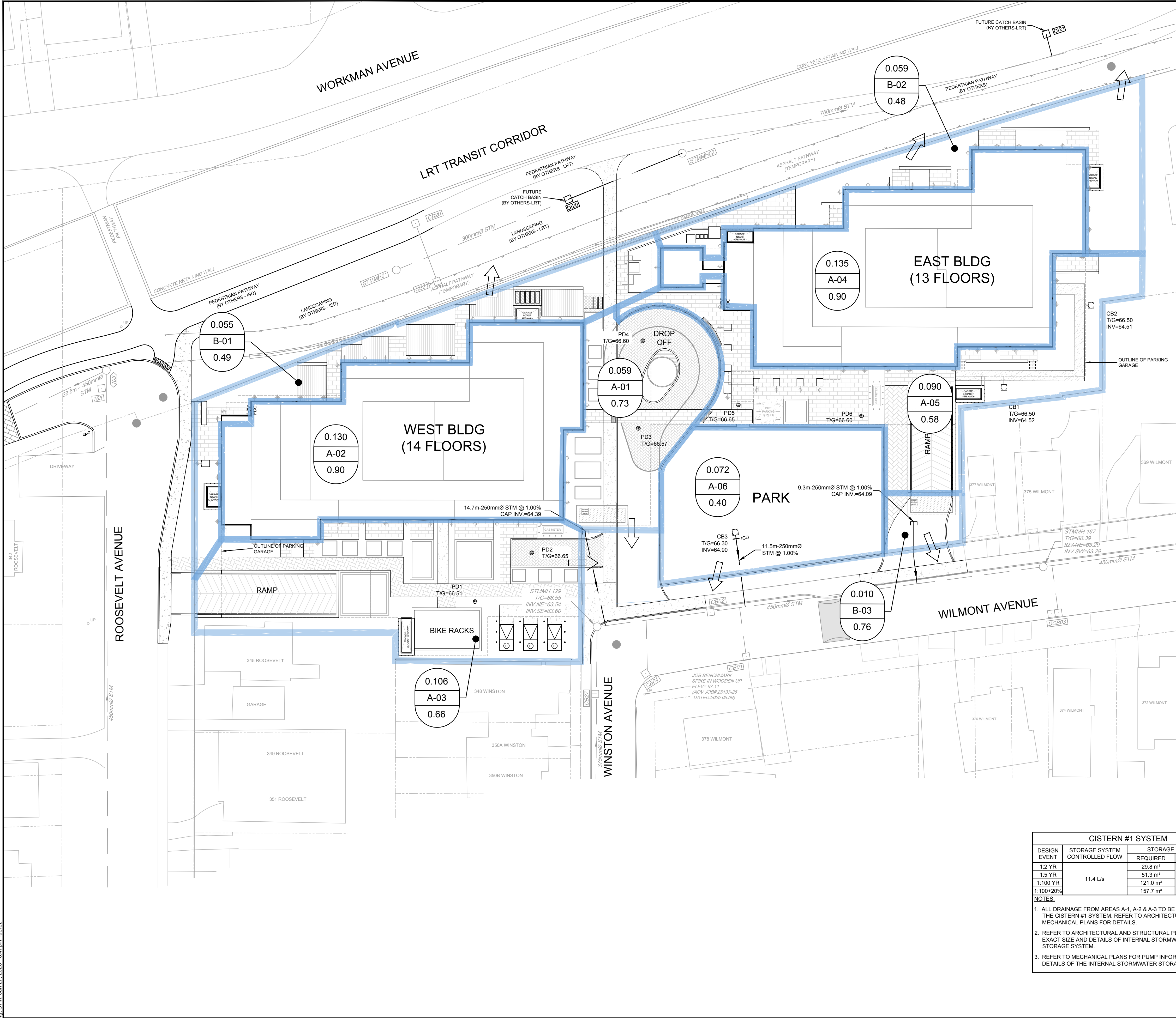




ICD TABLE				
STRUCTURE ID	ICD TYPE	INVERT (m)	100-YR HEAD (m)	100-YR PEAK FLOW (L/s)
CB3	TEMPEST LMF	SE=64.90	1.58	6.1

CISTERN #1 SYSTEM			
DESIGN EVENT	STORAGE SYSTEM CONTROLLED FLOW	STORAGE VOLUMES	
		REQUIRED	PROVIDED
1:2 YR	11.4 L/s	29.8 m³	>181 m³
1:5 YR		51.3 m³	
1:100 YR		121.0 m³	
1:100+20%		157.7 m³	
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 m³	>194 m³
1:5 YR		57.4 m³	
1:100 YR		88.3 m³	
1:100+20%		115.0 m³	
NOTES:			
1. ALL DRAINAGE FROM AREAS A-A & A-5 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.

SCALE			
1:300			
0 3 6 9 12			
1. SITE PLAN APPLICATION			
JUNE 27/25			
MAB			
No.	REVISION	DATE	BY

DESIGN	LRW
CHECKED	MAB
DRAWN	LPA
CHECKED	LRW
APPROVED	MAB

FOR REVIEW ONLY

Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

CITY OF OTTAWA
335 ROOSEVELT AVENUE

STORM DRAINAGE AREA PLAN

PROJECT No.
110098

REV
REV # 1

DRAWING No.
110098-STM