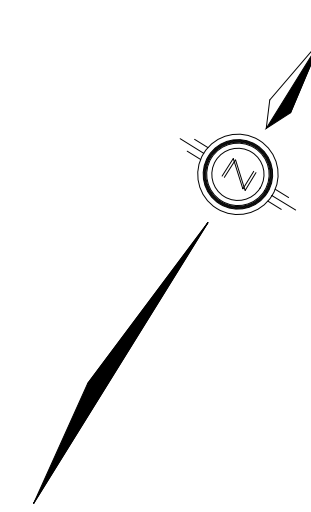
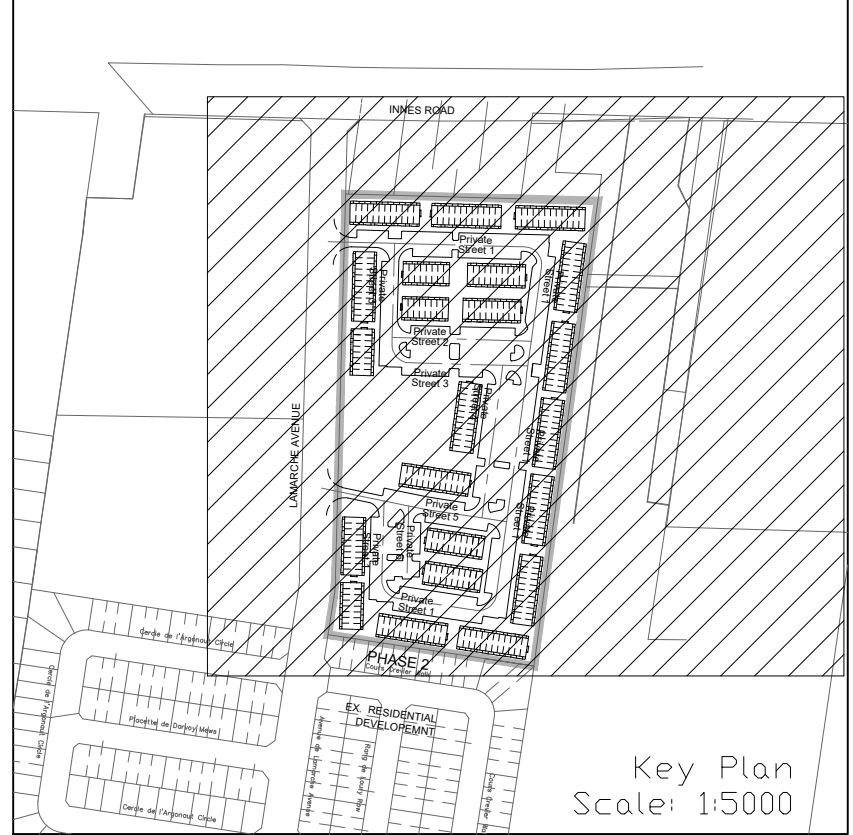




John Sevigny
JOHN SEVIGNY C.E.T.
MANAGER (A), DEVELOPMENT REVIEW EAST
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
By sevignyjo at 12:42 pm, Sep 11, 2025



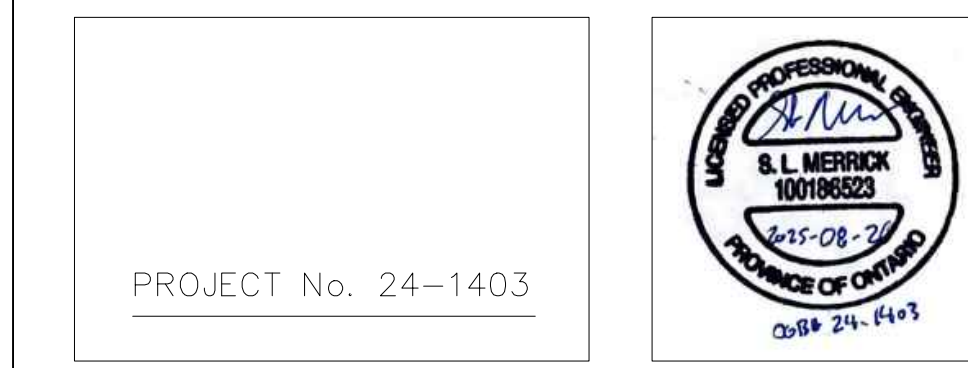
LEGEND	
STORM DRAINAGE BOUNDARY	STREET CATCHBASIN & LEAD
SUB-DRAINAGE BOUNDARY	STREET CATCHBASIN WITH CLOSED LID & LEAD
STORM DRAINAGE BOUNDARY (OTHER PHASES)	MAINTENANCE HOLE
STORM FREQUENCY	2Yr 43-44
UPSTREAM MH TO DOWNSTREAM MH	0.37 0.51
AREA IN HECTARES	2.78AC=14.40
RUNOFF COEFFICIENT	TC=14.5 MIN
EXTERNAL 2.78AC =	C=0.70 2YR
EXTERNAL TIME OF CONCENTRATION	21-23
EXTERNAL BLENDED RUNOFF COEFFICIENT	0.28 0.78
EXTERNAL STORM FREQUENCY	
UPSTREAM MH TO DOWNSTREAM MH	
AREA IN OTHER PHASES IN HECTARES	
RUNOFF COEFFICIENT	

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY J.D. BARNES LIMITED
PROJECT No. 16-10-116-00, SURVEYS DATED NOVEMBER 30, 2017.
PROJECT No. 16-10-116-00_PH2, SURVEYS DATED SEPTEMBER 27, 2019.
PROJECT No. 22-10-030-01, SURVEYS DATED JUNE 21, 2023.

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY Q4 ARCHITECTS, DATED ON JULY 9, 2025.
ELEVATION NOTE
ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM SITE BENCHMARK NCC
CONTROL POINT 001196530229.
ELEVATION = 86.12 m

No.	BY	DATE	DESCRIPTION
9	S.L.M.	2025-08-26	8th SUBMISSION
8	S.L.M.	2025-08-14	7th SUBMISSION
7	S.L.M.	2025-07-15	6th SUBMISSION
6	S.L.M.	2025-06-10	5th SUBMISSION
5	S.L.M.	2025-05-28	4th SUBMISSION
4	S.L.M.	2025-05-13	3rd SUBMISSION
3	S.L.M.	2025-04-23	2nd SUBMISSION
2	S.L.M.	2025-04-02	DRAFT - ISSUED FOR ZONING BY-LAW AMENDMENT



CAIVAN (ORLEANS VILLAGE 2) LTD.
ORLEANS VILLAGE
PHASE 4



STORM DRAINAGE PLAN

DRAWN BY: C.P.B.	CHECKED BY: S.L.M.	SHEET NO.
DESIGNED BY: C.P.B.	CHECKED BY: S.L.M.	20 OF 24
SCALE: 1:750	DATE: AUGUST 2024	