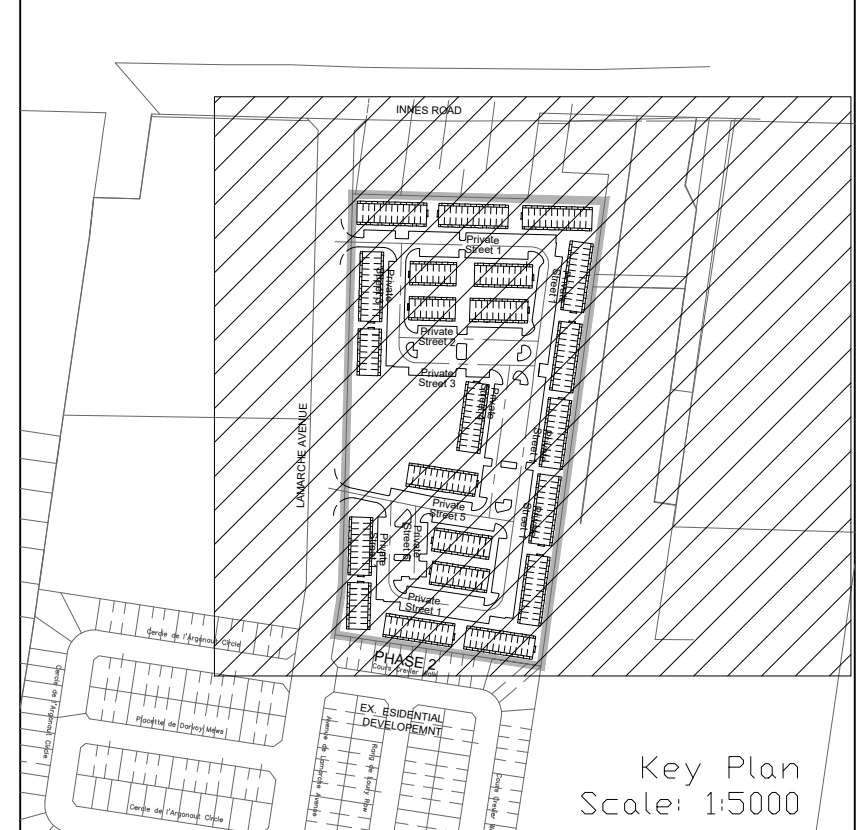
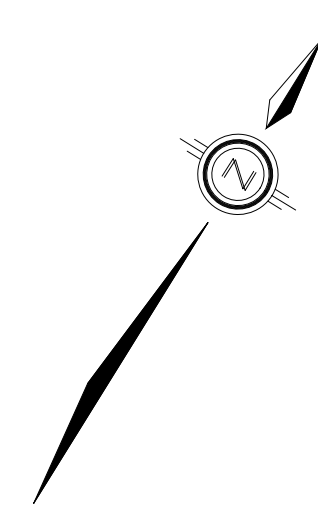




LEGEND

STORM DRAINAGE BOUNDARY

SUB-DRAINAGE BOUNDARY

STORM DRAINAGE BOUNDARY (OTHER PHASES)

STORM FREQUENCY

UPSTREAM MH TO DOWNSTREAM MH

AREA IN HECTARES

RUNOFF COEFFICIENT

EXTERNAL 2.78AC =

EXTERNAL TIME OF CONCENTRATION

EXTERNAL BLENDED RUNOFF COEFFICIENT

EXTERNAL STORM FREQUENCY

UPSTREAM MH TO DOWNSTREAM MH

AREA IN OTHER PHASES IN HECTARES

RUNOFF COEFFICIENT

2.78AC=14.40

TC=14.5 MIN

C=0.70

2YR

21-23

0.28 0.78

STREET CATCHBASIN & LEAD

STREET CATCHBASIN WITH CLOSED LID & LEAD MAINTENANCE HOLE

CURB INLET CATCHBASIN & LEAD CATCHBASIN/ MAINTENANCE HOLE

INTERCONNECTED CATCH BASIN & LEADS CAP

OVERLAND FLOW DIRECTION

EXTERNAL OVERLAND FLOW DIRECTION

EXISTING STORM MAINTENANCE HOLE

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 MARCH 20, 2025.

ELEVATION NOTE
ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM SITE BENCHMARK NCC CONTROL POINT 001196530229.
ELEVATION = 86.12 m

2	S.L.M.	2025-04-02	DRAFT - ISSUED FOR ZONING BY-LAW AMENDMENT
1	S.L.M.	2024-08-30	1st SUBMISSION
No.	BY	DATE	DESCRIPTION

PROJECT No. 24-1403

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.	22 OF 25
SCALE:	1:960	DATE:	AUGUST 2024	

CITY FILE No. _D07-12-24-0103 CITY PLAN No. ###