



LEGEND

STORM DRAINAGE BOUNDARY	— — — — —	STREET CATCHBASIN & LEAD	— — — — —
SUB-DRAINAGE BOUNDARY	— — — — —	STREET CATCHBASIN WITH	— — — — —
STORM DRAINAGE BOUNDARY (OTHER PHASES)	— — — — —	STREET CATCHBASIN WITH	— — — — —
STORM FREQUENCY	2YR	MAINTENANCE HOLE	— — — — —
UPSTREAM MH TO DOWNSTREAM MH	43-44		
AREA IN HECTARES	0.37 0.51		
RUNOFF COEFFICIENT		CURB INLET CATCHBASIN & LEAD	— — — — —
EXTERNAL 2.78AC =	2.78AC=14.40	CATCHBASIN/ MAINTENANCE HOLE	— — — — —
EXTERNAL TIME OF CONCENTRATION	TC=14.5 MIN	INTERCONNECTED CATCH	— — — — —
EXTERNAL BLENDED RUNOFF COEFFICIENT	C=0.70 2YR	BASEIN & LEADS	— — — — —
EXTERNAL STORM FREQUENCY		CAP	— — — — —
UPSTREAM MH TO DOWNSTREAM MH	21-23	OVERLAND FLOW DIRECTION	— — — — —
AREA IN OTHER PHASES IN HECTARES	0.28 0.78	EXTERNAL OVERLAND FLOW DIRECTION	— — — — —
RUNOFF COEFFICIENT		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 G4 ARCHITECTS, DATED ON AUGUST 6, 2024.

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

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:	1:900	DATE:	AUGUST 2024	

CITY PLAN No. ####
CITY FILE No. ####