



LEGEND

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