



LEGEND

EX6	DRAINAGE AREA ID	PROPERTY LINE
4.010	AREA IN Ha	DRAINAGE DIVIDE
0.19	RATIONAL METHOD RUNOFF COEFFICIENT	

APPROXIMATE LOCATION OF ROOF DRAIN SHOWN SCHEMATICALLY. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS.

APPROVED
By Allison Hamlin at 5:05 pm, Feb 17, 2023

Allison Hamlin

ALLISON HAMLIN
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJ. NO. 20707-21
RECEIVED JANUARY 18, 2021

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY RLA ARCHITECTURE
PROJ. NO. 1910
DATED DECEMBER 13, 2022

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP INC.
PROJ. NO. PG2456-1 REV.1
DATED APRIL 6, 2020

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 19-1145
DATED FEBRUARY 2022

BENCH MARK
TOP OF SPINDLE LOCATED ON SOUTH SIDE OF GEMINI WAY
ELEV=85.91m

No.	BY	YY.MM.DD	DESCRIPTION
13	A.M	23.01.04	REVISED PER SITE PLAN
12	B.N.C.	22.12.16	REVISED PER SITE PLAN
11	B.N.C.	22.10.17	REVISED AREA DRAIN/GRADING
10	B.N.C.	22.09.20	REVISED PER SITE PLAN
9	B.N.C.	22.07.11	REVISED PER SITE PLAN
8	B.N.C.	22.05.04	REVISED CB/SUBDRAIN
7	B.N.C.	22.04.26	ISSUED FOR EXCAVATION PERMIT
6	B.N.C.	22.03.07	ISSUED FOR TENDER
5	B.N.C.	22.02.25	ISSUED FOR MUNICIPAL REVIEW
4	B.N.C.	21.12.24	ISSUED FOR MUNICIPAL REVIEW
3	B.N.C.	21.09.08	ISSUED FOR MUNICIPAL REVIEW

CENTREPOINTE DRIVE

GEMINI WAY

Roof Storage									
Roof Location**	Level	Area (Ha.)	Nombre of Drains	Max Flow Rate (L/s)*	Total Release rate (L/s)	Max Ponding (m)	Storage Volume required (m³)	Available Area*** (m²)	Available Volume*** (m³)
Tower A (West Tower)	24th (Overall Roof)	0.04	4	0.31545	1.2618	0.06	16.7	346.841	20.81046
	22nd (Mech Pent Roof)	0.019	6	0.31545	1.8927	0.05	13.9	310.458	15.5229
Tower B (East Tower)	24th (Mech Pent Roof)	0.02	6	0.31545	1.8927	0.03	2.5	93.567	2.80701
	26th (Overall Roof)	0.032	4	0.31545	1.2618	0.06	15.5	314.976	18.89856

*Roof drains to be Watts Accutrol Weir Adjustable Flow Control on closed setting
 **Roof drain location shown are schematic only and are to be confirmed with Mechanical/Architectural Drawing sets
 ***Provided by RLA Architecture

PROJECT No19-1145

LICENSSED PROFESSIONAL ENGINEER
A. M. J. TOURIGNY
100227731
2022-01-25
PROVINCE OF ONTARIO

REVIEWED BY

STORMWATER MANAGEMENT PLAN
19 CENTREPOINTE DRIVE © DSEL

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DESIGNED BY: C.P.B. CHECKED BY: B.N.C. DRAWING NO. SHEET NO.
SCALE: 1:300 DATE: APRIL 2021 SWM-2 2 of 2