



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

PROJECT No19-1145

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

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	24th (Overall Roof)	0.04	4	0.31545	1.2618	0.06	16.7	346.841	20.81046
(West Tower)	22nd (Mech Pent Roof)	0.019	6	0.31545	1.8927	0.05	13.9	310.458	15.5229
Tower B	24th (Mech Pent Roof)	0.02	6	0.31545	1.8927	0.03	2.5	93.567	2.80701
(East Tower)	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