

Pre-Development

143-153	Sackville	Drive Sackvill	le, NS 2025-06-23		
	Drainage	Description		Q_5	Q ₁₀₀
Item	Area (ha)	of area	CN	(L/s)	(L/s)
		Asphalt/Building/			
Site	0.86	Gravel/Grass/Gravel	88	219	406

Post-Development

143-153	Sackville D	rive Sackvil	Sackville, NS		roject:	38308	IT
				Uncontr	olled F	ontroll	ed Flov
	Drainage	Description		Q_5	Q ₁₀₀	Q_5	Q ₁₀₀
Item	Area (ha)	of area	CN	(L/s)	(L/s)	(L/s)	(L/s)
		Developed area					
Site	0.86	(Composite CN)	93	254	443	211	363

NOTES

- THIS DRAWING IS FOR DEVELOPMENT APPROVAL PURPOSES AND IS NOT FOR CONSTRUCTION PERMIT APPLICATIONS AS DETAILED DESIGN HAS NOT BEEN CARRIED OUT.
- 2. EXISTING STORM & SEWER PIPING BASED ON HRM GIS SEWER DATA. CONTRACTOR TO VERIFY EXACT LOCATIONS AND ELEVATIONS IN THE
- PROPERTY BOUNDARIES HAVE BEEN COMPILED FROM VARIOUS SOURCES AND ARE SUBJECT TO SURVEY.
- WHEREBY THIS SITE HAS LESS THAN 80% LOT COVERAGE, SECTION 1.4 OF HRM'S ADMINISTRATIVE ORDER 2020-010-OP STIPULATES THAT THE PRIVATE STORMWATER MANAGEMENT SYSTEM BE DESIGNED TO INCORPORATE HRM'S SUGGESTED STORMWATER MANAGEMENT BEST PRACTICES. SPECIFICALLY, RETAINING ON SITE THE SITE'S STORMWATER RUNOFF GENERATED BY THE FIRST 10MM DEPTH OF A RAINFALL EVENT, BALANCING OF PRE AND POST DEVELOPMENT RUN OFF CONDITIONS AND 80% TSS REMOVAL OF SITE—SPECIFIC LOADING.
- USE OF PERFORATED PIPES & INFILTRATION AREAS ON SITE WILL CONTROL POST DEVELOPMENT STORMWATER FLOWS TO PRE-DEVELOPMENT LEVELS WHILE PROVIDING STORMWATER MANAGEMENT INFRASTRUCTURE TO MEET HRM'S ADMINISTRATIVE ORDER 2020-010-OP FOR THE FIRST 10mm DEPTH OF A RAINFALL EVENT.



36 OLAND CRESCENT BAYERS LAKE BUSINESS PARK HALIFAX, NOVA SCOTIA OFFICE: (902) 455-1537 FAX: (902) 455-8479

WEB: www.sdmm.ca

SACAVILLE ORIVEONC. STORM 450mm CONC. STORM-PROPOSED STORM SERVICE LATERAL 40m 0m 20 30 Project: Project No.: Date: JUNE 24, 2025 1-9-198 (38308) PROPOSED APARTMENT BUILDING, 143-153 SACKVILLE DRIVE, LOWER SACKVILLE, NOVA SCOTIA Scale: 1:500 Title: CSK-2 Prepared by: PRELIMINARY STORMWATER MANAGEMENT SCHEMATIC G. MACLEAN

PROPOSED FOUNDATION

PROPOSED FOUNDATION

TOWER 2

(ROOF FLOW CONTROLLED)

TRANS

PAD

X

OROFESSION

 $\frac{25}{100}$

PID 40010043

LOT A

STMHA (SAMPLE)

TOWER 1

(ROOF FLOW CONTROLLED)