



LEGEND

EX. CONTOUR (MAJOR)	---
EX. CONTOUR (MINOR)	---
LOT LINE	---
RIGHT OF WAY	---
EASEMENT	---
MUNICIPAL SERVICE BOUNDARY	---
PHASE BOUNDARY	---
WATERCOURSE	---
WATER COURSE BUFFER	---
STORM CATCHMENT AREA	---
PROP. WATER MAIN	---
EX. WATER MAIN	---
PROP. SANITARY PIPE	---
EX. SANITARY PIPE	---
PROP. FORCEMAIN	---
PROP. STORM PIPE	---
EX. STORM PIPE	---
WETLAND	---
FLOW DIRECTION	---

NOTES:

- CONTOURS FROM LIDAR DATA FROM HRM, CONTOUR INTERVAL = 2m.
- ADJACENT PROPERTY LINES ARE BASED ON PROPERTY MAPPING AND ARE APPROXIMATE, AND SUBJECT TO SURVEY.
- WATER SUPPLY FROM EXISTING WATER BOOSTER STATION ON SACKVILLE DRIVE HGL = 180m.
- ALL PROPOSED SANITARY SEWER PIPES 250mmØ.
- PIPE SIZES PRELIMINARY ONLY AND SUBJECT TO DETAIL DESIGN.

5	APR. 28, 2020	REVISED PER HRM COMMENTS
4	MAR. 06, 2020	LOT LINES REMOVED
3	DEC. 12, 2019	REVISED FOR D. A. APPROVAL
2	JAN. 24, 2019	LOT LAYOUT UPDATED
1	NOV. 07, 2018	ISSUED FOR D.A. SUBMISSION
ISSUE	DATE	DESCRIPTION

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER
 Original Signed: G.S. WOODFORD
 6078
 PROVINCE OF NOVA SCOTIA

CLIENT

PROJECT DESCRIPTION

GATEWOOD ESTATES

MIDDLE SACKVILLE, NOVA SCOTIA

SHEET DESCRIPTION

SERVICING SCHEMATIC CONCEPT PLAN

TABLE	AREA	SCS RUNOFF COEFFICIENTS
DEVELOPMENT LOTS & ROADS	17.7 ha ±	CN = 92
TRIBUTARY UNDEVELOPED LANDS	6.7 ha ±	CN = 73

Wastewater Summary

Total Tributary Area (ha)	17.7
Total Units	163
Average Dry Weather Flow (L/s)	2
Peak Dry Weather Flow (L/s)	9.4
Peak Wet Weather Flow (L/s)	14.3

Based on Unit Density = 3.35 ppu, Domestic Load = 300 L/day/yp, Harmon Peaking Factor, Domestic Flow Safety Factor = 1.25, I/I Allowance = 0.28 U/ha

Drawn	Engineer	Project No.	Drawing No.
E.E.H.	G. WOODFORD	15-082	MSV01
Date of 1st Issue	Scale	Filename	
DEC. 12, 2019	1:2000	15-082_CP.dwg	