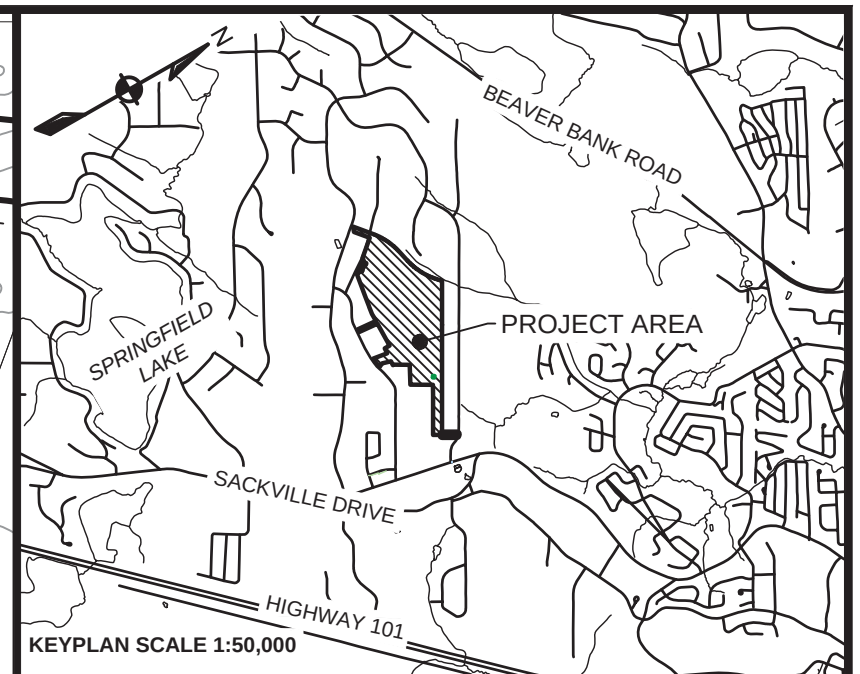
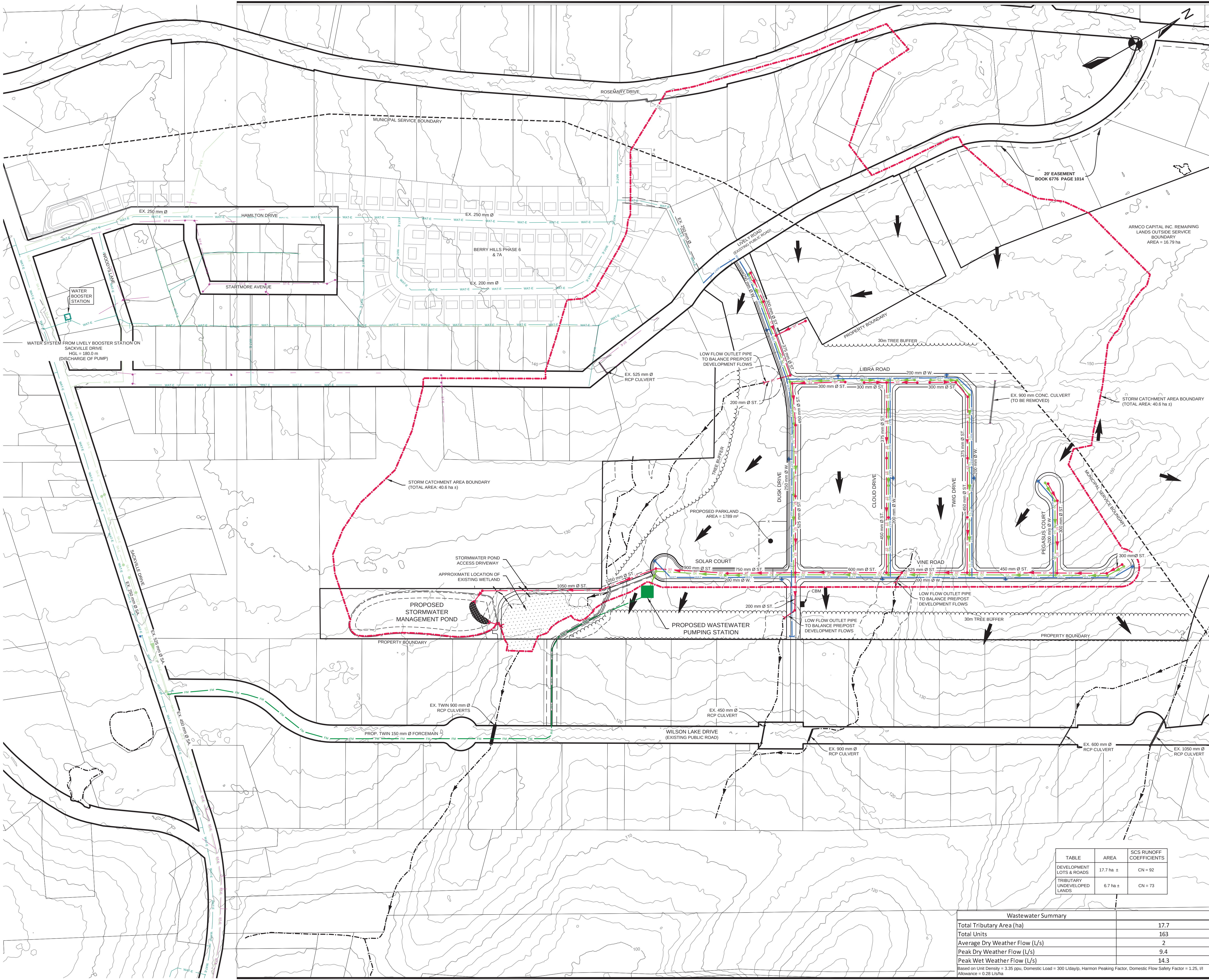




LEGEND	
EX. CONTOUR (MAJOR)	
EX. CONTOUR (MINOR)	
LOT LINE	
RIGHT OF WAY	
EASEMENT	
MUNICIPAL SERVICE BOUNDARY	
PHASE BOUNDARY	
WATERCOURSE	
WATER COURSE BUFFER	
STORM CATCHMENT AREA	
PROP. WATER MAIN	
EX. WATER MAIN	
PROP. SANITARY PIPE	
EX. SANITARY PIPE	
PROP. FORCEMAIN	
PROP. STORM PIPE	
EX. STORM 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 = 180.0m.
- ALL PROPOSED SANITARY SEWER PIPES 250mmØ.
- PIPE SIZES PRELIMINARY ONLY AND SUBJECT TO DETAIL DESIGN.

60 0 60 120
Meters
1:2000

ISSUE	DATE	DESCRIPTION
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

CONSULTANT

DESIGN POINT
ENGINEERING & SURVEYING

REGISTERED PROFESSIONAL ENGINEER
DATE APR. 28, 2020
Original Signed
G.S. WOODFORD
6078
PROVINCE OF NOVA SCOTIA

CLIENT

Armco CAPITAL

PROJECT DESCRIPTION

GATEWOOD ESTATES

MIDDLE SACKVILLE, NOVA SCOTIA

SHEET DESCRIPTION

SERVICING SCHEMATIC CONCEPT PLAN

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

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/tp, Harmon Peaking Factor, Domestic Flow Safety Factor = 1.25, I/I Allowance = 0.28 U/s/ha	