



LEGEND

- PROPOSED WELL
- PROPOSED HOUSE
- PROPOSED ON-SITE SEWAGE DISPOSAL SYSTEM
- PROPOSED DRIVEWAY
- ROCK OUTCROP (IDENTIFIED BY OTHERS)
- EXISTING BUILDINGS ON ADJACENT PROPERTY
- DEVELOPABLE AREA

Areas Contributing to Flow	Flow to Point	From Point	Design Event	Tc (min)	i (mm/hr)	C	Area (m ²)	(C)/Area	Actual Flow (m ³ /s)	H ₀ /D
Area #1			5yr	20	51.5	1.0	1,201	1,201	0.0172	0.0502
Area #1			100yr	20	75.6	1.0	1,201	1,201	0.0252	0.0737
Area #2			5yr	20	51.5	1.0	6,351	6,351	0.0908	0.2654
Area #2			100yr	20	75.6	1.0	6,351	6,351	0.1334	0.3898
Area #1&2			5yr	20	51.5	1.0	7,552	7,552	0.1080	0.3156
Area #1&2			100yr	20	75.6	1.0	7,552	7,552	0.1586	0.4635
Area #3			5yr	20	51.5	1.0	2,435	2,435	0.0309	0.0902
Area #3			100yr	20	75.6	1.0	2,435	2,435	0.0454	0.1325

STORMWATER MANAGEMENT NOTE:
 DUE TO THE SITE TOPOGRAPHY, RAINWATER THE FALLS ON THE LOTS WILL GENERALLY RUN ALONG THE GROUND SURFACE AS SHEET FLOW. RAINWATER THAT LANDS ON THE ROAD SURFACE WILL BE INTERCEPTED BY THE PRIVATE ROAD DITCHES AND FLOW TO DITCHES ALONG THE ROAD DITCHES. A MEASURABLE INCREASE IN RUNOFF CAN BE EXPECTED.
 WORST CASE 1:100 YEAR FLOW BY RATIONAL METHOD SHOWS THAT 300mm PRIVATE DRIVEWAY CULVERTS WILL BE SUFFICIENT FOR ALL INDIVIDUAL DRIVEWAYS ALONG THE SHARED COMMON DRIVEWAY.

<p>PROJECT: 2712 PROSPECT ROAD RD # 00381715 WHITES DAC, NOVA SCOTIA</p>	<p>TITLE: STORMWATER DRAINAGE PLAN</p>	<p>3054226 NOVA SCOTIA LIMITED 1 ELM DRIVE ELMWOOD CROSSING, NS B0N 1L0</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ISSUED FOR APPROVAL</td> <td>19/09/24</td> </tr> <tr> <td>2</td> <td>REV 2</td> <td>01/11/24</td> </tr> <tr> <td>3</td> <td>REV 3</td> <td>14/02/25</td> </tr> </tbody> </table>	NO.	DESCRIPTION	DATE	1	ISSUED FOR APPROVAL	19/09/24	2	REV 2	01/11/24	3	REV 3	14/02/25	<p>CHECKED: CM DATE: SEPT. 19th, 2024 SCALE: 1:1,000 DWG. NO.: 102</p>
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