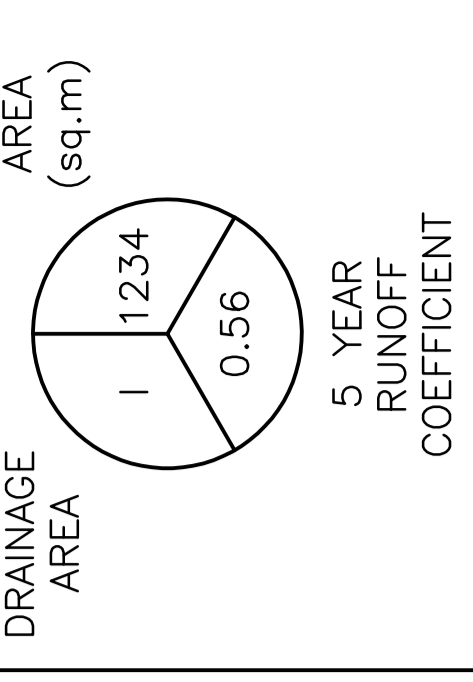


**POST-DEVELOPMENT DRAINAGE PLAN**  
 Drawing Title

Project:  
**PROPOSED 2 STOREY VOLVO DEALERSHIP**  
**1328 MICHAEL STREET**  
 OTTAWA, ONTARIO

**D.B. GRAY ENGINEERING INC.**  
 700 Long Point Circle  
 Ottawa, Ontario  
 613-235-8044  
 d.gray@dbgrayengineering.com

No.	DATE	REVISION
1	JAN 11-22	ISSUED FOR COORDINATION
2	JAN 12-22	ISSUED FOR APPROVAL
3	JUL 28-22	RE-ISSUED FOR APPROVAL
4	JAN 25-23	RE-ISSUED FOR APPROVAL



FLOW CONTROL TABLE		
100 YEAR EVENT		
DRAINAGE AREA	MAXIMUM RELEASE RATE (L/S)	MAXIMUM VOLUME STORED (CU.M)
AREA II (RD-1)	1.44	1.92
AREA III (RD-2,3,4,5)	5.68	27.13
AREA IV (RD-6,7)	2.22	1.89
AREA V	13.79	15.33
TOTAL	23.13	46.26
5 YEAR EVENT		
DRAINAGE AREA	MAXIMUM RELEASE RATE (L/S)	MAXIMUM VOLUME STORED (CU.M)
AREA II (RD-1)	1.06	0.77
AREA III (RD-2,3,4,5)	4.01	12.50
AREA IV (RD-6,7)	1.50	0.79
AREA V	6.39	8.61
TOTAL	12.96	22.67

**DRAINAGE AREA I IS UNCONTROLLED.**  
**ALL OTHER DRAINAGE AREAS ARE CONTROLLED.**  
**DRAINAGE AREAS II, III & IV ARE CONTROLLED BY FLOW CONTROL ROOF DRAINS.**  
**DRAINAGE AREA V (& 'ADJACENT LANDS') ARE CONTROLLED BY AN ICD AT CB/MH-3.**

