

*Lucy Ramirez*  
**LUCY RAMIREZ**  
 PLANNER  
 PLANNING, INFRASTRUCTURE & ECONOMIC  
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

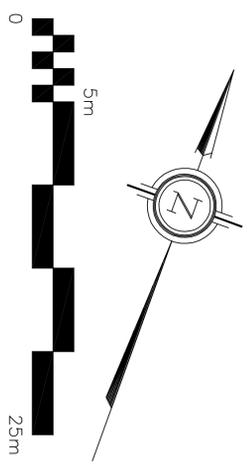
**APPROVED**  
 By Lucy Ramirez at 1:50 pm, Feb 22, 2024



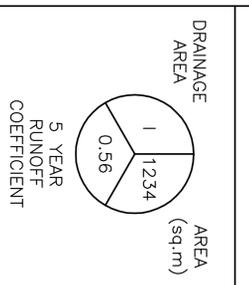
Drainage Area I is uncontrolled.  
 All other drainage areas are controlled.  
 Drainage Areas II, III & IV are controlled by  
 flow control roof drains.  
 Drainage Area V (& adjacent lands) are  
 controlled  
 by an ICD at CB/MH-3.

SITE BENCHMARK  
 TOP OF NORTHEAST BOLT ON  
 BOTTOM FLATE OF FIRE HYDRANT  
 ELEVATION = 69.26

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



**LEGEND**



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
5	JUL 24-23	RE-ISSUED FOR APPROVAL

**D.B. GRAY ENGINEERING, INC.**  
 7101 Long Point Circle  
 Ottawa, Ontario  
 dgray@dbgrayengineering.com  
 613-425-9114

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

Drawing Title  
**POST-DEVELOPMENT  
 DRAINAGE PLAN**

Engineer's Seal  
  
 Drawing No. **C-6**  
 of **8**  
 #18651