



**LEGEND**

STORM DRAINAGE BOUNDARY ————

SUB-DRAINAGE BOUNDARY ————

STORM DRAINAGE BOUNDARY (OTHER PHASES) ————

STORM FREQUENCY

UPSTREAM MH TO DOWNSTREAM MH  $\frac{2Yr}{43-44}$

AREA IN HECTARES  $\frac{0.37}{0.51}$

RUNOFF COEFFICIENT

EXTERNAL 2.78AC =  $\frac{2.78AC}{14.40}$

EXTERNAL TIME OF CONCENTRATION  $\frac{TC=14.5 MIN}{C=0.70 \quad 2YR}$

EXTERNAL BLENDED RUNOFF COEFFICIENT

EXTERNAL STORM FREQUENCY  $\frac{21-23}{0.28 \quad 0.78}$

UPSTREAM MH TO DOWNSTREAM MH

AREA IN OTHER PHASES IN HECTARES

RUNOFF COEFFICIENT

STREET CATCHBASIN & LEAD

STREET CATCHBASIN WITH CLOSED LID & LEAD

MAINTENANCE HOLE

CURB INLET CATCHBASIN & LEAD

CATCHBASIN/ MAINTENANCE HOLE

INTERCONNECTED CATCH BASIN & LEADS

CAP

OVERLAND FLOW DIRECTION

EXTERNAL OVERLAND FLOW DIRECTION

EMERGENCY OVERLAND FLOW DIRECTION

**NOT FOR CONSTRUCTION**

7	S.L.M.	24-02-09	SUBMISSION 5
6	S.L.M.	23-10-06	ISSUED FOR TENDER
5	S.L.M.	23-09-22	ISSUED FOR TENDER
4	S.L.M.	23-09-06	ISSUED FOR TENDER
No.	BY	DATE	DESCRIPTION

**TOPOGRAPHIC INFORMATION**  
 TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-111, DATED MARCH 1, 2022.

**SITE PLAN INFORMATION**  
 SITE PLAN PROVIDED BY SRN ARCHITECTS LTD., PROJECT No. S21001, DATED OCTOBER 5, 2023.

**LEGAL INFORMATION**  
 CALCULATED DRAFT PLAN PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-131, DATED AUGUST 9, 2023.

**BENCH MARK**  
 ELEVATIONS ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD-1928:1978) AND ARE DERIVED FROM BENCHMARK MONUMENT No. 196530071\*, HAVING A PUBLISHED ELEVATION OF 99.742 METRES

MINTO COMMUNITIES INC.      BARRHAVEN TOWN CENTRE  
 GLENROY GILBERT DRIVE RIOCAN AVENUE & CHAPMAN MILLS DRIVE EXTENSION

**DSEL**  
 120 Iber Road Unit 103  
 Slittsville, Ontario, K2S 1E9  
 Tel. (613) 836-0856  
 Fax. (613) 836-7183  
 www.DSEL.ca

**PROFESSIONAL ENGINEER**  
 S. L. MERRICK  
 100186523  
 2024-02-09  
 PROVINCE OF ONTARIO

**Ottawa**  
 110 Laurier Ave W  
 Ottawa, Ontario, K1P 1J1  
 Tel. (613) 580-2400  
 www.Ottawa.ca

© DSEL

**CITY ROW STORM DRAINAGE PLAN**

DRAWN BY: AM	CHECKED BY: BC	PROJECT No. 15-816
DESIGNED BY: BC	CHECKED BY: SM	SHEET No. 13
SCALE: 1:750		

CITY PLAN No. 18822  
 CITY FILE No. D07-12-22-0104