

LEGEND

- PROPOSED BARRIER CURB
- DC PROPOSED DEPRESSED CURB
- DRAINAGE AREA LIMITS
- 1.5 YR APPROXIMATE PONDING LIMITS
- 1:100 YR
- A-3 POST-DEVELOPMENT AREA ID
- 0.023 POST-DEVELOPMENT DRAINAGE AREA (ha)
- 0.71 1:5 YEAR WEIGHTED RUNOFF COEFFICIENT
- RD PROPOSED CONTROLLED FLOW ROOF DRAIN
- SC PROPOSED ROOFTOP SCUPPER LOCATION
- PROPOSED STORM SEWER AND FLOW DIRECTION
- EMERGENCY OVERLAND FLOW ROUTE
- PROPOSED BUILDING ENTRANCE / EXIT
- EXISTING STORM MH & SEWER
- EXISTING CATCHBASIN CW CATCHBASIN LEAD

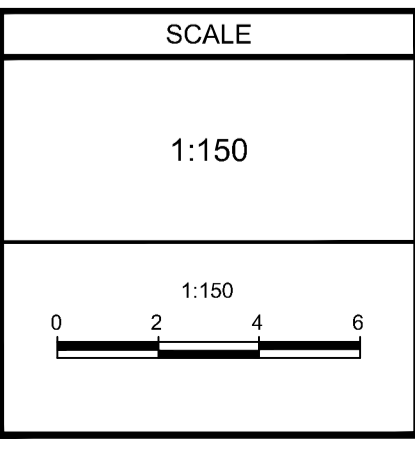
ROOF DRAIN TABLE: AREA R1 to R7 (FOR DRAINS RD1 to RD7)

AREA ID	ROOF DRAIN No. (WATTS MODEL)	WEIR SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH
R1	RD 1 (RD-100-A-ADJ)	1/4 EXPOSED	0.79 L/S	10 cm	0.95 L/S	14 cm
R2	RD 2 (RD-100-A-ADJ)	1/4 EXPOSED	0.79 L/S	10 cm	0.87 L/S	13 cm
R3	RD 3 (RD-100-A-ADJ)	CLOSED	0.32 L/S	11 cm	0.32 L/S	15 cm
R4	RD 4 (RD-100-A-ADJ)	1/4 EXPOSED	0.79 L/S	11 cm	0.95 L/S	14 cm
R5	RD 5 (RD-100-A-ADJ)	1/2 EXPOSED	0.95 L/S	11 cm	1.26 L/S	15 cm
R6	RD 6 (RD-100-A-ADJ)	1/2 EXPOSED	0.87 L/S	9 cm	0.95 L/S	13 cm
R7	RD 7 (RD-100-A-ADJ)	CLOSED	0.32 L/S	11 cm	0.32 L/S	14 cm
TOTALS	-	-	4.83 L/S	-	4.99 L/S	-

* REFER TO THE 'DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT' (R-2023-111) PREPARED BY NOVATECH FOR DRAINAGE AREA IDENTIFIERS AND STORMWATER MANAGEMENT DETAILS.
 ** ALL CONTROLLED FLOW ROOF DRAINS FOR THE UPPER ROOF OF THE BUILDING ARE TO BE WATTS ACCUTROL ADJUSTABLE ROOF DRAINS WITH WEIR SETTINGS AS INDICATED IN THE TABLE ABOVE.

NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
2	REVISED PER CITY COMMENTS	NOV 5/24	MS
1	ISSUED FOR SPC APPLICATION	AUG 09/24	MS



DESIGN	CV
CHECKED	MS
DRAWN	CV / KH
CHECKED	MS
APPROVED	MS

FOR REVIEW ONLY

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LOCATION
 CITY OF OTTAWA
 10 EMPRESS AVE

DRAWING NAME
 POST-DEVELOPMENT
 STORMWATER MANAGEMENT
 PLAN

PROJECT No. 121234
 REV # 2
 DRAWING No. 121234-SWM
 PLAN #19176

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