



LEGEND

- PROPERTY LINE
- ONSITE OVERLAND FLOW ROUTE
- EXTERNAL OVERLAND FLOW ROUTE
- AREA NO. 0.184, RUNOFF COEFFICIENT 0.79
- CATCHMENT AREA
- ROOF AREAS CONSIDERED INELIGIBLE FOR STORAGE CALCULATIONS
- PROPOSED ROOF DRAIN
- 2-YEAR ROOF PONDING
- 100-YEAR ROOF PONDING

Andrew McCreight

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DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Andrew McCreight at 8:39 am, Jun 19, 2025

ROOF PONDING TABLE						
Area #	2-year Ponding Depth (mm)	100-year Ponding Depth (mm)	Weir Type	No of Weirs per Drain	Weir Position	Flowrate (L/sec)
R-L	N/A	N/A	N/A	N/A	N/A	0.73
R-A	92	147	WATTS ACCUTROL	1	Closed	0.32
R-B	78	138	WATTS ACCUTROL	1	1/4 Open	0.91
R-C	89	147	WATTS ACCUTROL	1	Closed	0.32
R-D	88	146	WATTS ACCUTROL	1	Closed	0.32

CAUTION

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, 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.

ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM CITY OF OTTAWA VERTICAL BENCH MARK MONUMENT NO. 3606, INDEX NO. 118 HAVING AN ELEVATION 67.236 METERS.

SITE BENCHMARKS 1 AND 2 ARE LOCATED ON HYDRO POLE AND HYDRANT ON CARRUTHERS AS INDICATED ON PLAN.

REV	REVISION DESCRIPTION	DATE	BY	APPD
3	RE-ISSUED FOR SPA	05/03/25	AKJ	AKJ
2	RE-ISSUED FOR SPA	29/01/25	AGJ	AKJ
1	ISSUED FOR SPA	23/10/24	AGJ	AKJ

SCALE

0 1m 2m 4m

HORIZONTAL 1:100

NORTH

DESIGNED BY

REVIEWED BY

CLIENT

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PROJECT No. OTT-2406545-AD

SURVEY AOV

DATE 01/03/2024

DRAWING No. C500

POST-DEVELOPMENT CONDITIONS

File name: V:\proj\data\116-2406545-AD\116-2406545-AD.dwg, User: jk, Date: 2025/03/19, Time: 1:00:00 PM, Plot Date: 2025/03/19, Time: 1:00:00 PM, Plotter: HP DesignJet T1100, Plot Size: A0, Plot Scale: 1:100, Plot Orientation: Landscape, Plot Color: Black, Plot Lineweight: 0.5, Plot Font: Arial, Plot Style:.ctb, Plot Path: V:\proj\data\116-2406545-AD\116-2406545-AD.dwg, Plot Title: 116 & 118 CARRUTHERS AVE, Plot Subtitle: POST-DEVELOPMENT CONDITIONS, Plot Author: A.K. JARIWALA, Plot Engineer: A.K. JARIWALA, Plot License: 100562090, Plot Province: ONTARIO, Plot Country: CANADA, Plot City: OTTAWA, Plot Postal: K2V 0L3, Plot Phone: 613.286.1020, Plot Fax: 613.286.1021, Plot Email: info@exp.com, Plot Website: www.exp.com, Plot Address: 2425 DUFFERIN STREET, UNIT 100, OTTAWA, ON K2B 8K6, Plot Country: CANADA, Plot Postal: K2B 8K6, Plot Phone: 613.286.1020, Plot Fax: 613.286.1021, Plot Email: info@exp.com, Plot Website: www.exp.com