



LEGEND

	BOREHOLE		PROPOSED BUILDING ENTRANCE
	TEST PIT		DIRECTION OF MAJOR OVERLAND FLOW
	PROPERTY LINE		PROPOSED SECURITY FENCE
	PROPOSED SECURITY FENCE		PROPOSED STORM SEWER AND MANHOLE
	PROPOSED CURBED		PROPOSED CATCHBASIN MANHOLE
	PROPOSED DEPRESSED CURBED		PROPOSED INLET CONTROL DEVICE
	PROPOSED CURBED DRAIN		TERRACING 2.5:1 SLOPE MAX
	TACTILE WALKING SURFACE INDICATOR		BOTTOM OF SLOPE
	SWALE AND DIRECTION OF FLOW		PROPOSED SITE LIGHTING
	PROPOSED PIPE INSULATION		PROPOSED DRY HYDRANT

R-1 to R-13 ROOF DRAIN TABLE - PROPOSED BUILDING ROOF

ROOF DRAIN MODEL No.	ROOF DRAIN OPENING SETTING	1.5 YEAR RELEASE RATE	APPROX. 100 YR PONDING DEPTH	1:100 YEAR RELEASE RATE
RD-100-A-ADJ	FULLY OPEN	16.38 L/S	0.15	24.61 L/S

* REFER TO THE 'SERVICING AND STORMWATER MANAGEMENT REPORT' R-2024-095 PREPARED BY NOVATECH FOR DRAINAGE AREA IDS AND SWM DETAILS.
 ** ALL 1:5 CONTROLLED FLOW ROOF DRAINS FOR THE PROPOSED BUILDING TO BE WATTS ADJUSTABLE ACCUTROL ROOF DRAINS.

INLET CONTROL DEVICE @ DICB 3

DESIGN EVENT	ICD TYPE AND SIZE	DIAMETER OF OUTLET PIPE (mm)	DESIGN FLOW (L/s)	DESIGN HEAD (m)
1.5 YEAR	PLATE 152mm	250	40.0	0.91
1:100 YEAR	PLATE 152mm	250	40.0	0.99

INLET CONTROL DEVICE @ DICB 4

DESIGN EVENT	ICD TYPE AND SIZE	DIAMETER OF OUTLET PIPE (mm)	DESIGN FLOW (L/s)	DESIGN HEAD (m)
1.5 YEAR	PLATE 83mm	200	11.0	0.70
1:100 YEAR	PLATE 83mm	200	13.0	0.96

PROPOSED 50mmØ WATERMAIN TABLE

STATION	SURFACE ELEVATION	T/W M ELEVATION	COMMENTS
0+000.0	79.46	76.00	CAP 1.0m FROM BUILDING FACE
0+025.0	78.13	75.73	-
0+050.0	78.09	75.73	-
0+066.8	78.59	76.19	CROSS BELOW 450mmØ STM
0+075.0	78.82	76.19	-
0+100.0	79.77	76.07	-
0+125.0	79.36	75.96	-
0+150.0	78.56	75.74	-
0+172.7	77.84	75.44	STANDPOST
0+175.0	77.78	75.38	-
0+178.0	77.80	75.31	CONNECT TO EXISTING 100mmØ WM

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	No.	REVISION	DATE	BY
8	REVISED PER CITY AND SNCA COMMENTS	NOV 14/2025	MJH	1	COORDINATION	MAR 7/2024	MJH
7	REVISED PER BUILDING PERMIT COMMENTS	APR 22/2025	MJH	2	ISSUED FOR 30% SUBMISSION	JUNE 27/2024	MJH
6	ISSUED FOR BUILDING PERMIT	OCT 24/2024	MJH	3	ISSUED FOR 60% SUBMISSION	AUG 16/2024	MJH
5	ISSUED FOR 80% SUBMISSION	OCT 4/2024	MJH	4	ISSUED FOR SPA	OCT 3/2024	MJH
4	ISSUED FOR SPA	OCT 3/2024	MJH	5	ISSUED FOR 80% SUBMISSION	OCT 4/2024	MJH
3	ISSUED FOR 60% SUBMISSION	AUG 16/2024	MJH	6	ISSUED FOR BUILDING PERMIT	OCT 24/2024	MJH
2	ISSUED FOR 30% SUBMISSION	JUNE 27/2024	MJH	7	REVISED PER BUILDING PERMIT COMMENTS	APR 22/2025	MJH
1	COORDINATION	MAR 7/2024	MJH	8	REVISED PER CITY AND SNCA COMMENTS	NOV 14/2025	MJH
9	REVISED PER CITY COMMENTS	FEB 20/2026	MJH				

SCALE: 1:400

FOR REVIEW ONLY

MJH (Checked)
 JLS (Checked)
 MJH (Checked)
 JLS (Checked)
 MJH (Checked)

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LOCATION: CITY OF OTTAWA, 5110 BOUNDARY ROAD
 DRAWING NAME: GENERAL PLAN OF SERVICES

PROJECT No.: 118168
 REV # 9
 DRAWING No.: 118168-GP
 PLAN # 19296