

**LEGEND**

	BOREHOLE		PROPOSED BUILDING ENTRANCE
	TEST PIT		DIRECTION OF MAJOR OVERLAND FLOW
	PROPERTY LINE		PROPOSED SECURITY FENCE (REFER TO LANDSCAPE)
	PROPOSED CURVED		PROPOSED STORM SEWER AND MANHOLE
	PROPOSED DEPRESSED CURB		PROPOSED CATCHBASIN MANHOLE
	PROPOSED CURB DRAIN (REFER TO DETAIL ON GRADING PLANS 118168-GR182)		PROPOSED INLET CONTROL DEVICE
	TACTILE WALKING SURFACE INDICATOR (TWSI) PER CITY DETAIL SC7.3		TERRACING 2.5:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
	SWALE AND DIRECTION OF FLOW		BOTTOM OF SLOPE
	PROPOSED PIPE INSULATION (REFER TO CITY OF OTTAWA DETAIL S35 ON 118168-ND)		PROPOSED SITE LIGHTING (REFER TO ARCHITECTURAL DRAWINGS)
			PROPOSED DRY HYDRANT PER CITY OF OTTAWA DETAIL W54

**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 15 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**

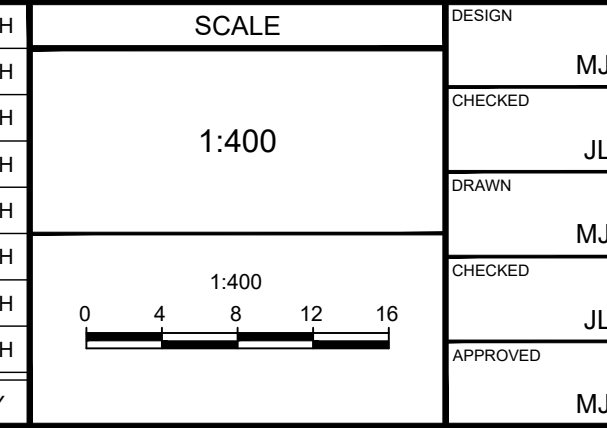
DESIGN EVENT	ICD TYPE AND SIZE	DIAMETER OF OUTLET PIPE (mm)	DESIGN FLOW (L/s)	DESIGN HEAD (m)
1.5 YEAR	PLATE 83mm	200	11.0	0.70
1:100 YEAR	PLATE 83mm	200	13.0	0.96

**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	78.77	76.07	-
0+125.0	78.36	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 90% SUBMISSION	OCT 4/2024	MJH	4	ISSUED FOR SPA	OCT 3/2024	MJH
4	ISSUED FOR SPA	OCT 3/2024	MJH	5	ISSUED FOR 90% SUBMISSION	OCT 24/2024	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				



**FOR REVIEW ONLY**

DESIGN: MJH  
 CHECKED: MJH  
 DRAWN: JLS  
 CHECKED: MJH  
 APPROVED: JLS

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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