STORM WATER MANAGEMENT SUMMARY TABLE

CONTROL LOCATION	POST DEVELOPMENT DRAINAGE NUMBER	TOTAL ROOF MAX FLOW (L/sec)	TOTAL ROOF STORAGE VOLUME (m3)	MAX HEAD (m)	TYPE	NUMBER OF DRAINS	MANUFACTURER	MODEL
TOWER B1	B1	7.6 L/sec	46.4 m3	0.15	FLOW CONTROLLED ROOF DRAIN	4	WATTS	ACUTROL ADJUSTABLE. 1 WEIR PER DRAIN SET @ OPEN POSITION
TOWER B2	B2	7.6 L/sec	46.4 m3	0.15	FLOW CONTROLLED ROOF DRAIN	4	WATTS	ACUTROL ADJUSTABLE. 1 WEIR PER DRAIN SET @ OPEN POSITION
TOWER B3	B3	7.6 L/sec	46.4 m3	0.15	FLOW CONTROLLED ROOF DRAIN	4	WATTS	ACUTROL ADJUSTABLE. 1 WEIR PER DRAIN SET @ OPEN POSITION
TOWER B4	B4	7.6 L/sec	39.5 m3	0.15	FLOW CONTROLLED ROOF DRAIN	4	WATTS	ACUTROL ADJUSTABLE. 1 WEIR PER DRAIN SET @ OPEN POSITION

STRUCTURE TABLE

STRUCTURE NUMBER	TYPE	STRUCTURE				Comment
		SIZE	REFERENCE	FRAME	COVER	
STMMH 200	STORM	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	
STMMH 201	STORM	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	
STMMH 202	STORM	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	
STMMH 202	STORM	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	
SANMH 100	SANITARY	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24	
SANMH 101	SANITARY	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24	

WATERMAIN TABLE

STATION	DESCRIPTION	GROUND ELEVATION (m)	TOP OF WATERMAIN. ELEV (m)	
			PROPOSED (m)	AS-BUILT (m)
0+000	400x200 TEE	51.60	48.90±	
	400x200 TEE	51.60	48.90±	
	400 VALVE & VALVE CHAMBER	51.60	48.90±	
0+002.7	11.25° HORIZONTAL BEND	51.44	48.95	
0+004.9	45° VERTICAL BEND	51.37	48.95	
0+005.6	45° VERTICAL BEND	51.34	48.30	
0+006.8	CROSSING STORM SEWER	51.30	48.30	
0+008.0	45° VERTICAL BEND	51.26	48.30	
0+008.7	45° VERTICAL BEND	51.23	48.95	
0+010.5	200 VALVE AND VALVE BOX	51.35	48.95	
	200 VALVE AND VALVE CHAMBER (W3)	51.35	48.95	
0+013.5	45° HORIZONTAL BEND	51.45	49.05	
0+014.5	45° HORIZONTAL BEND	51.45	49.05	
0+015.5	200x200 TEE	51.45	49.05	
0+016.5	CAP - FROM BUILDING	51.45	49.05	

WATERMAIN TABLE

STATION	DESCRIPTION	GROUND ELEVATION (m)	TOP OF WATERMAIN. ELEV (m)	
			PROPOSED (m)	AS-BUILT (m)
0+000	400x200 TEE	51.96	49.53±	
	400x200 TEE	51.96	49.53±	
	400 VALVE & VALVE CHAMBER	51.96	49.53±	
0+006.8	CROSSING STORM SEWER	51.90	49.50	
0+010.5	200 VALVE AND VALVE BOX	51.95	49.55	
	200 VALVE AND VALVE CHAMBER (W3)	51.95	49.55	
0+013.5	45° HORIZONTAL BEND	52.06	49.60	
0+014.5	45° HORIZONTAL BEND	52.10	49.60	
0+015.5	200x200 TEE	52.14	49.60	
0+016.5	CAP - FROM BUILDING	52.18	49.60	

WATERMAIN / SEWER CROSSING TABLE

LOCATION	FINISHED GRADE (m)	SANITARY SEWER			STORM SEWER			WATERMAIN			CLEARANCES (mm)	NOTES
		INV ELEV (m)	DIA (mm)	OBV ELEV (m)	INV ELEV (m)	DIA (mm)	OBV ELEV (m)	INV ELEV (m)	DIA (mm)	OBV ELEV (m)		
1	51.30				48.85	300	49.15	48.10	200	48.30	550 (WATER SERVICE BELOW SEWER AS PER CITY STD. W25)	
2	51.35	46.47	375	46.85				48.75	200	48.95	1900	
3	51.90				48.40	375	48.77	49.30	200	49.50	530	
4	52.10	46.58	375	46.95				49.40	200	49.60	2350	

STORM CATCHBASIN STRUCTURE TABLE

CB#	TOP OF GRATE ELV.	INVERTS	REFERENCE	FRAME	COVER	ICD
CB1	50.93	SE=49.53 (250mm)	OPSD 705.020	S19	S19	IPEX TEMPEST TYPE-A (94mm DIA)
CB2	51.58	SE=50.18 (250mm)	OPSD 705.020	S19	S19	IPEX TEMPEST TYPE-A (94mm DIA)
CB3	53.10	NW=51.70 (250mm)	OPSD 705.020	S19	S19	IPEX TEMPEST TYPE-A (94mm DIA)

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.

JOB BENCH MARK JBM▲
CITY OF OTTAWA CONTROL MONUMENT 20160007 WITH AN OF ELEVATION=52.51
NORTHING=5040095.91 EASTING=384293.97

TOPOGRAPHIC INFORMATION
PART OF LOT 30, CONCESSION 1 (OLD SURVEY), GEOGRAPHIC TOWNSHIP OF CUMBERLAND, CITY OF OTTAWA.
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S (TP388Z) SURVEY DATED APRIL 30, 2025. (FINAL AMENDMENT)
SITE GRID SYSTEM MTM NAD 83, ZONE 9.

REV	REVISION DESCRIPTION	DATE	BY	APPD
1	ISSUED FOR APPROVAL	30/05/25	SAB	BMT

SCALE
NORTH
DESIGNED BY
REVIEWED BY
LICENSED PROFESSIONAL ENGINEER B. M. THOMAS 2025-05-30 PROVINCE OF ONTARIO

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PROJECT
1015 TWEDDLE ROAD DEVELOPMENT
1015 TWEDDLE ROAD
OTTAWA, ONTARIO.

TITLE
SERVICING TABLES

PROJECT No. OTT-00259629-A0
SURVEY AOV
DATE OCT 2024
DRAWING No. C103

DOT-??-??-????

#?????

Filename: s:\ott\ott-00259629-a0\60_execution\65_drawings\c101-103-grp.dwg
Last Saved: 5/30/2025 2:49:28 PM Last Plotted: 5/30/2025 5:07:57 PM
Layout: C103 Plotted by: Alex Overbeek
References: xref-AOV-TOPO.dwg; xref-ARCH-MVP.dwg; xref-Tpock.dwg; xref-SERVICING.dwg