

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	48.90	
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			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	(WATER SERVICE BELOW SEWER AS PER CITY STD. W25)
2	51.35	46.47	375	46.85				48.75	200	48.95	
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 UBM▲ CITY OF OTTAWA CONTROL MONUMENT 20160007 WITH AN OF ELEVATION=52.51 NORTHING=5040095.91 EASTING=384293.97												SCALE		DESIGNED BY	REVIEWED BY	CLIENT	TRIM 1 GP INC. 115 CHAMPAGNE AVE SOUTH OTTAWA, ON. K1S 5V5 819.664.4195		BASEPLAN SAB	PROJECT 1015 TWEDDLE ROAD DEVELOPMENT 1015 TWEDDLE ROAD OTTAWA, ONTARIO.	PROJECT No. OT-00259629-AD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	REV	REVISION DESCRIPTION	DATE	BY	APPD	1	ISSUED FOR APPROVAL	30/05/25	SAB	BMT											exp Services Inc. T: 613 688-1899 / F: 613 225-7330 2850 Greenview Drive, Unit 100 Canada ON M2B 6W9 www.exp.com • BUILDINGS • EARTH & ENVIRONMENT • ENERGY • • INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •		PROJECT MANAGER BMT	SERVICING TABLES	C103																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								