

ROOF PONDING	
AREA DRAIN #	100 YEAR PONDING DEPTH (mm)
R-A1	125
R-A2	120
R-A3	115
R-A4	109
R-A5	119
R-A6	119
R-B1	123
R-B2	125
R-B3	127
R-B4	127
R-B5	113
R-B6	114

STRUCTURE TABLE										
STRUCTURE NUMBER	TYPE	LID ELEV (m)	INVERT IN (m) and DIA (mm)		INVERT OUT (m) and DIA (mm)		STRUCTURE			Comment
			U/S	D/S	U/S	D/S	SIZE	REFERENCE	FRAME	
STMMH 100	STORM	74.01	72.28 N (250)	72.23 W (300)	72.22 E (300)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	
STMMH 101	STORM	74.69	72.44 NW (250)		72.38 S (250)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	
STMMH 102	STORM	74.91	72.94 E (250)		72.91 W (250)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24.1	
SANMH 200	SANITARY	75.20	72.22 N (250)		72.16 W (250)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24	
SANMH 201	SANITARY	75.04	72.19 E (250)		71.91 S (250)	1200 DIA	OPSD 701.010	Ottawa S25	Ottawa S24	

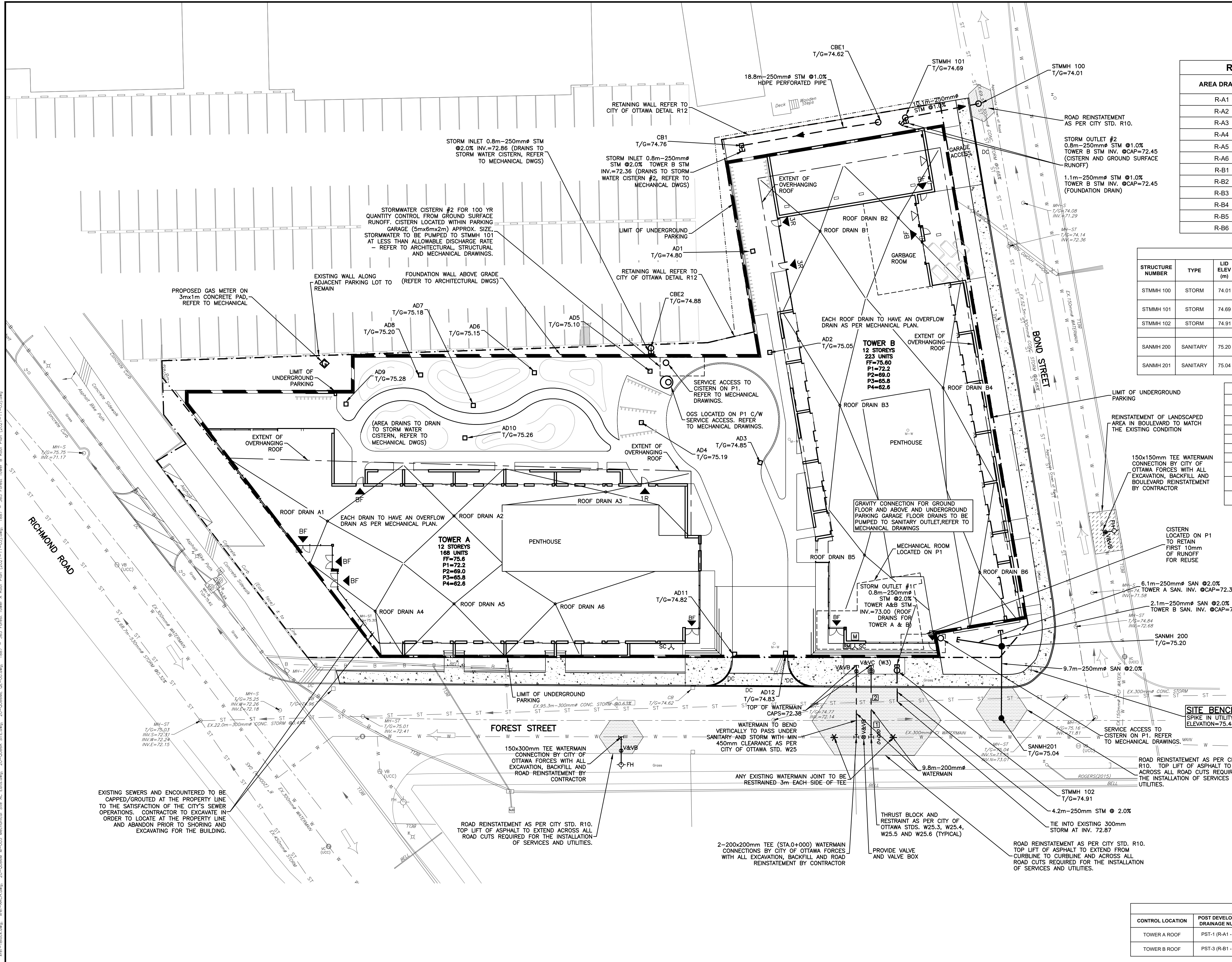
SEWER TABLE										
STRUCTURE	U/S	D/S	TYPE	INVERT ELEV (m)		NOMINAL DIA (mm)	LENGTH (m)	Type	Class	Comment
				U/S	D/S					
CISTERN	STMMH 102	STORM		73.000	72.980	250	0.8	PVC	SDR35	50mm insulation required
STMMH 102	CITY STORM	STORM		72.950	72.870	250	4.2	PVC	SDR35	50mm insulation required
TOWER B	STMMH 101	STORM		72.450	72.440	250	0.9	PVC	SDR35	
STMMH 101	STMMH 100	STORM		72.380	72.280	250	10.1	PVC	SDR35	
TOWER A	SANMH 200	SANITARY		72.340	72.220	250	6.1	PVC	SDR35	
TOWER B	SANMH 200	SANITARY		72.240	72.220	250	1.0	PVC	SDR35	
SANMH 200	SANMH 201	SANITARY		72.160	71.970	250	9.7	PVC	SDR35	

WATERMAIN TABLE					
STATION	DESCRIPTION	GROUND ELEVATION (m)		TOP OF WATERMAIN, ELEV (m)	
		PROPOSED (m)	AS-BUILT (m)	PROPOSED (m)	AS-BUILT (m)
0+000	200x300 TEE	74.70	72.8±	74.70	72.8±
	200 VALVE & VALVE BOX	74.70	72.8±	74.70	72.8±
0+000.8	45° VERTICAL BEND	74.72	72.80	74.72	72.80
0+002.0	45° VERTICAL BEND	74.75	71.73	74.75	71.73
0+002.3	CROSSING SANITARY SEWER	74.76	71.73	74.76	71.73
0+002.5	45° VERTICAL BEND	74.76	71.73	74.76	71.73
0+003.0	45° VERTICAL BEND	74.76	72.17	74.76	72.17
0+004.4	CROSSING STORM SEWER	74.76	72.34	74.76	72.34
0+009	200 VALVE AND VALVE CHAMBER (W3)	74.87	72.38	74.87	72.38
0+09.8	CAP - FROM BUILDING	74.92	72.38	74.92	72.38

WATERMAIN / SEWER CROSSING TABLE											
LOCATION	FINISHED GRADE (m)	SANITARY SEWER		STORM SEWER		WATERMAIN		CLEARANCES (mm)			
		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	74.89	72.03	250	72.28		71.53	200	71.73	500	(WATER SERVICE BELOW SEWER AS PER CITY STD. W25)	
2	74.80				72.84	300	73.14	72.14	200	72.34	(WATER SERVICE BELOW SEWER AS PER CITY STD. W25)

STORM CATCHBASIN STRUCTURE TABLE					
CB#	TOP OF GRATE ELV.	INVERTS	REFERENCE	FRAME	COVER
CB1	74.76	SE=72.44 (250mm)	OPSD 705.010	S19	S19
CBE1	74.62	NW=72.62 (250mm)	S31	S31	S31
CBE2	74.88	W=72.88 (250mm)	S31	S31	S31

STORM WATER MANAGEMENT SUMMARY TABLE							
CONTROL LOCATION	POST DEVELOPMENT DRAINAGE NUMBER	MAX FLOW (L/sec)	MAX HEAD (m)	TYPE	NUMBER OF DRAINS	MANUFACTURER	MODEL
TOWER A ROOF	PST-1 (R-A1 - R-A6)	9.2 L/sec	0.15	FLOW CONTROLLED ROOF DRAIN	6	WATTS	ACUTROL ADJUSTABLE 1 WEIR PER DRAIN SET @25% POSITION
TOWER B ROOF	PST-3 (R-B1 - R-B6)	8.5 L/sec	0.15	FLOW CONTROLLED ROOF DRAIN	6	WATTS	ACUTROL ADJUSTABLE 1 WEIR PER DRAIN SET @25% POSITION



CAUTION
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.

REV	REVISION DESCRIPTION	DATE	BY	APPD
3	REVISED PER CITY COMMENTS	10/12/21	AC	JD
4	REVISED PER CITY COMMENTS	27/05/21	AC	BMT
2	ISSUED FOR REZONING APPLICATION	27/01/20	MZG	BMT
1	ISSUED FOR REVIEW	12/09/19	SAB	BMT

	11061917 CANADA INCORPORATED 100-768 ST. JOSEPH BOULEVARD GATINEAU, QC. J8Y 4B8	PROJECT: 11061917 CANADA INC RESIDENTIAL DEVELOPMENT 365 FOREST STREET OTTAWA, ONTARIO.	PROJECT NO.: OTT-252570-A0 SURVEY: AOV DATE: JAN 2020 DRAWING NO.: C100	
	exp. Services Inc. 1-813-888-1880 1-813-225-7330 2005 Wellington Drive, Unit 100 Ottawa, ON K2B 6H6 Canada www.exp.com			
	• BUILDINGS • EARTH & ENVIRONMENT • ENERGY • • INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •			
	PROJECT MANAGER: BMT DESIGNER: BMT CHECKED: BMT DRAWN: SAB APPROVED: BMT			