



UNDERGROUND STORMWATER TANK

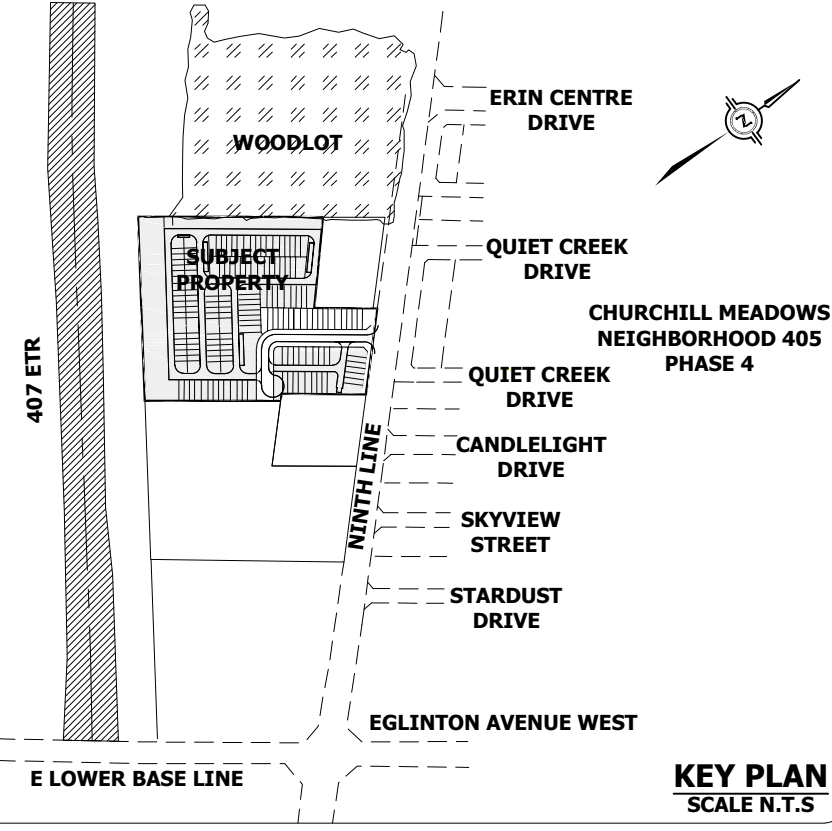
- TOTAL STORAGE VOLUME = 1800m³ (100YR VOLUME)
- TOTAL STORAGE AREA = 600m²
- TOP ELEV. = 189.0m
- BOTTOM ELEV. = 186.0m
- INVERT IN (750mm STM) = 186.710m
- INVERT OUT (525mm STM) = 187.89m
- PUMP RATE = 0.01m³/s

CROSSING TABLE			
CROSSING	MM	STM	SM
X1	SW 187.85 OV 188.05 OV 187.88	SW 186.70 OV 186.10 OV 185.78	SW 185.31 OV 185.30 OV 185.63
X2	SW 188.46 OV 188.76 OV 188.86	N/A	SW 185.37 OV 185.36 OV 185.11
X3	SW 188.78 OV 188.98 OV 189.03	SW 186.59 OV 187.54 OV 186.63	SW 185.96 OV 186.22 OV 186.29
X4	SW 188.80 OV 189.00 OV 189.07	SW 187.47 OV 187.46 OV 187.72	SW 186.44 OV 186.76 OV 187.72
X5	SW 188.47 OV 188.67 OV 188.72	SW 187.88 OV 187.86 OV 187.82	SW 187.04 OV 187.03 OV 187.28
X6	SW 188.45 OV 188.65 OV 188.72	SW 186.15 OV 186.14 OV 186.13	N/A
X7	SW 188.17 OV 188.37 OV 188.43	SW 186.54 OV 186.53 OV 186.53	SW 187.96 OV 187.96 OV 186.53

SANITARY STRUCTURE TABLE				
MH	OPSD	T/G	INVERTS	DROP PIPE
FUT. MH1	N/A	TBD	SW185.66	
FUT. MH2	N/A	TBD	NE185.44 W185.41	
FUT. MH3	N/A	TBD	E185.36 NW185.33	
FUT. MH4	N/A	TBD	SE184.96 NW184.94	
MH 1A	(OPSD 701.010)	192.16	SW188.59	
MH 1T	(R.S.D. 2-5-2, 2-5-3)	189.73	SW182.60 NW182.51	
MH 2A	(OPSD 701.010)	192.33	NE188.25 SW188.22	
MH 2T	(R.S.D. 2-5-2, 2-5-3)	191.83	SE182.28 NW182.03	
MH 3A	(OPSD 701.010)	192.13	NE187.82 SE187.76	
MH 3T	(R.S.D. 2-5-2, 2-5-4)	192.81	SE181.51	
MH 4A	(OPSD 701.010)	192.03	NW187.72 SE187.66	
MH 5A	(OPSD 701.010)	191.36	NW187.16 SE187.13	
MH 6A	(OPSD 701.010)	190.93	NW186.85 SE186.62	
MH 7A	(OPSD 701.010)	190.73	NW186.55 SE186.46 SW186.49	
MH 8A	(OPSD 701.010)	192.07	SE188.05	
MH 9A	(OPSD 701.010)	191.62	NW187.89 SE187.86	
MH 10A	(OPSD 701.010)	190.84	NW186.97 SE186.88	
MH 11A	(OPSD 701.010)	190.64	SW186.07 NE186.04 NW186.13	
MH 12A	(OPSD 701.010)	191.36	SW187.45	
MH 14A	(OPSD 701.010)	190.98	NE186.80 SE186.74 SW186.89	
MH 15A	(OPSD 701.010)	190.86	NW186.70 SE186.67	
MH 16A	(OPSD 701.010)	190.63	NW186.45 SE186.42	
MH 17A	(R.S.D. 2-5-2, 2-5-3)	190.74	SW185.94 NE185.91	
MH 18A	(R.S.D. 2-5-2, 2-5-3)	190.52	SW185.84 NW183.41 SE183.44	SW183.57 (RSD 2-5-26)
MH 19A	(R.S.D. 2-5-2, 2-5-3)	190.32	SE183.39 NE183.23	
MH 20A	(R.S.D. 2-5-2, 2-5-3)	190.18	SW183.17 NE183.11	
MH 21A	(R.S.D. 2-5-2, 2-5-3)	189.76	SW182.82 NE182.79 SE182.78	SE182.94 (RSD 2-5-26)
MH 22A	(OPSD 701.010)	190.60	SW187.35	
MH 23A	(OPSD 701.010)	189.53	SE185.85 NW185.82 SW185.81	
MH 24A	(OPSD 701.010)	189.26	NW186.01	
MH 25A	(R.S.D. 2-5-2, 2-5-3)	189.97	SE185.43 NW185.40	
MH13A	(OPSD 701.010)	191.16	NE187.04 SW187.01	
TEMP. PLUG	N/A		NW183.57 SW187.96	

STORM STRUCTURE TABLE				
MH	OPSD	T/G	INVERTS	DROP PIPE
CBMH12	(OPSD 701.010)	190.79	NW187.68 NE187.61	
EX. MH1	(OPSD 701.012)	187.04	SW185.70	
MH1	(OPSD 701.011)	192.08	SW185.87	
MH2	(OPSD 701.011)	191.95	N186.70 SE186.65	
MH3	(OPSD 701.011)	191.32	NW188.17 NE188.08	
MH4	(OPSD 701.012)	190.93	SW187.55 SE187.52	
MH5	(OPSD 701.010)	191.75	SW188.74	
MH6	(OPSD 701.010)	191.43	NW188.43 SW188.38	
MH7	(OPSD 701.010)	191.11	NW188.03 SW187.99	
MH8	(OPSD 701.011)	190.82	NW187.55 SE187.52	
MH9	(OPSD 701.011)	190.59	NW187.30 SE187.27	
MH10	(OPSD 701.012)	190.62	SW187.13 NE187.10 NW186.98	
MH11	(OPSD 701.010)	191.57	SE188.57	
MH13	(OPSD 701.010)	190.70	NW187.47 NE187.32 SW187.40	
MH14	(OPSD 701.010)	190.97	SE187.80	
MH15	(OPSD 701.012)	190.68	SW186.94 SE186.89	
MH16	(OPSD 701.010)	190.55	E187.89	
MH17	(OPSD 701.013)	190.35	N187.16 W187.84	
MH18	(OPSD 701.013)	190.21	S187.13 NE187.07	
MH19	(OPSD 701.013)	189.63	SW186.80 NE186.80	
MH20	(OPSD 701.010)	189.68	SW186.68	
MH21	(OPSD 701.010)	190.57	NE187.01	
MH22	(OPSD 701.010)	189.41	SW186.36	
MH23	(OPSD 701.011)	189.20	NW186.14 E186.09	
MH24	(OPSD 701.010)	188.51	N185.88 SW185.93	
MH25	(OPSD 701.010)	188.53	NE185.75 S185.80	
MH220	(OPSD 701.010)	189.39	W186.27 SE186.22	
OGS1	N/A	189.69	SW186.79 NE186.77	
OGS2	N/A	189.20	W186.07 NE186.05	
TANK-DN1	N/A	187.66	SE186.71	

CLEAN WATER STRUCTURE TABLE				
MH	OPSD	T/G	INVERTS	DROP PIPE
MH C1	(OPSD 701.011)	192.17	NE188.60 NW188.58	
MH C2	(OPSD 701.011)	192.07	SW188.13 E188.07	
MH C3	(OPSD 701.011)	191.89	W187.98 SE187.92	
MH C4	(OPSD 701.011)	190.87	NW187.52 SE187.49	
TEE1	N/A	188.21	NW187.34	



- LEGEND**
- STORM SEWER AND MANHOLE
 - SANITARY SEWER AND MANHOLE
 - CLEAN WATER SEWER AND MANHOLE
 - EXISTING STORM SEWER AND MANHOLE
 - EXISTING SANITARY SEWER AND MANHOLE
 - FUTURE STORM SEWER AND MANHOLE
 - FUTURE SANITARY SEWER AND MANHOLE
 - EXISTING GAS LINE
 - EXISTING HYDRO
 - SINGLE/REARLOT CATCHBASIN
 - DOUBLE CATCHBASIN
 - BOREHOLE LOCATION
 - HYDRANT & VALVE
 - VALVE AND BOX
 - LIMIT OF SUBDIVISION (PUBLIC / FREEHOLD)
 - PADMOUNT TRANSFORMER
 - BELL GRADE LEVEL BOX
 - STREETLIGHT POLE
 - ROGERS GLB
 - BELL PEDESTAL
 - ROGERS CSP
 - INFILTRATION TRENCH
 - SANITARY SERVICE CONNECTION TO CROSS BENEATH STORM SEWER

LOCAL BENCHMARK:
LOCAL BENCHMARK No. 1 STEEL SPIKE SET ON THE EAST SIDE OF NINTH LINE IN THE GRAVEL SHOULDER NEAR A UTILITY POLE. ELEVATION = 189.64 METRES.
LOCAL BENCHMARK No. 2 STEEL SPIKE SET ON THE EAST SIDE OF NINTH LINE IN THE GRAVEL SHOULDER OPPOSITE THE SOUTH LIMIT OF THE PROPERTY. ELEVATION = 188.43 METRES.

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1	ISSUED FOR 3RD DRAFT SUBMISSION	NOV. 2020	S.R.
No.	REVISION	DATE	BY



MATTAMY (5150 NINTH LINE) LIMITED



SITE SERVICING

PROJECT #:	19-608	DRAWING:	
CITY FILE No.: 21T-M 19 6			3
REGION FILE No.: 21T-19006M			
DESIGNED:	Z.K.	CHECKED:	S.R.
DRAWN:	Z.K.	DATE:	JULY 2020
SCALE:	1:1000		