

**NOTE:**  
FOR CHAINAGES, REFER TO GENERAL PLAN  
No.4 AND GENERAL PLAN 5

PROPOSED WATERMAIN			
STATION	FINISHED GROUND	TOP WATERMAIN	DESCRIPTION
1+000.000	101.48	99.08	50# PLUG
1+001.500	101.53	99.13	CONNECTION TO 50X19# REDUCER
1+018.443	101.11	98.71	45° HORIZONTAL BEND
1+020.000	101.04	98.64	45° HORIZONTAL BEND
1+021.268	100.98	98.58	45° HORIZONTAL BEND
1+040.000	100.72	98.32	45° HORIZONTAL BEND
1+043.598	100.46	98.04	45° VERTICAL BEND
1+048.431	100.61	98.21	150X50# REDUCER
1+048.641	100.38	98.33	WATERMAIN CROSSING OVER STORM
1+050.641	100.35	98.33	WATERMAIN CROSSING OVER SANITARY
1+051.632	100.33	97.92	45° VERTICAL BEND
1+053.391	100.36	97.86	150X150# CROSS
1+056.811	100.48	98.08	150# V&B
1+060.000	100.43	98.03	150# V&B
1+079.372	100.50	98.10	150# V&B
1+080.000	100.52	98.12	150# V&B
1+081.951	100.47	98.07	150X50# TEE
1+083.958	100.47	97.86	WATERMAIN CROSS OVER SANITARY
1+100.000	100.50	98.10	150X50# TEE
1+112.497	100.20	97.80	150X50# TEE
1+115.247	100.27	97.77	WATERMAIN CROSSING OVER SANITARY
1+117.317	100.14	97.74	150# V&B
1+120.000	100.03	97.63	150# V&B
1+133.810	100.16	97.70	WATERMAIN CROSSING OVER STORM
1+135.810	100.15	97.70	WATERMAIN CROSSING OVER SANITARY
1+138.600	100.09	97.69	150X50# TEE
1+140.000	100.09	97.69	150# V&B
1+141.383	100.08	97.68	150# V&B
1+160.000	100.16	97.76	150X50# TEE
1+164.982	100.09	97.65	150X50# TEE
1+168.940	99.94	97.54	WATERMAIN CROSSING OVER SANITARY
1+169.137	99.99	97.59	150# V&B
1+180.000	100.05	97.65	150# V&B
1+193.138	99.89	97.49	150# V&B
1+196.062	99.88	97.48	150X150# TEE
2+000.000	100.63	98.23	50# PLUG
2+001.150	100.60	98.20	CONNECTION TO 50X19# REDUCER
2+001.850	100.59	98.19	CONNECTION TO BUILDING
2+014.788	100.33	97.93	150X50# REDUCER
2+018.001	100.31	97.91	150# V&B
2+020.000	100.35	97.95	150# V&B
2+021.903	100.46	98.06	WATERMAIN CROSSING OVER SANITARY
2+029.357	100.42	98.02	45° VERTICAL BEND
2+030.904	100.40	98.15	WATERMAIN CROSSING OVER STORM
2+032.472	100.39	97.99	45° VERTICAL BEND
3+000.000	100.70	98.30	50# PLUG
3+001.150	100.73	98.33	CONNECTION TO 50X19# REDUCER
3+017.402	100.41	98.01	50# V&B
3+020.000	100.47	98.07	50# PLUG
4+000.000	100.09	97.69	50# PLUG
4+001.150	100.08	97.68	CONNECTION TO 50X19# REDUCER
4+018.003	100.00	97.60	50# V&B
4+020.000	100.19	97.79	50# PLUG
5+000.000	99.95	97.55	50# PLUG
5+001.150	99.93	97.53	CONNECTION TO 50X19# REDUCER
5+017.333	99.88	97.48	50# V&B
5+020.000	99.95	97.55	50# PLUG
6+000.000	100.11	97.71	50# PLUG
6+001.150	100.16	97.76	CONNECTION TO 50X19# REDUCER
6+017.401	100.07	97.67	50# V&B
6+020.000	100.05	97.65	50# PLUG
7+000.000	99.83	97.43	50# PLUG
7+018.308	99.61	97.21	150X50# REDUCER
7+021.902	99.66	97.18	WATERMAIN CROSSING OVER SANITARY
7+022.902	99.82	97.42	150# V&B
7+030.898	99.83	97.33	WATERMAIN CROSSING OVER STORM
7+035.650	99.96	97.56	200X150# TEE

PROPOSED WATERMAIN			
STATION	FINISHED GROUND	TOP WATERMAIN	DESCRIPTION
8+000.000	100.10	97.70	50# PLUG
8+000.875	100.08	97.69	CONNECTION TO 50X19# REDUCER
8+020.000	99.93	97.53	50# PLUG
8+040.000	99.74	97.34	50# V&B
8+043.219	99.70	97.30	50X50# TEE
8+043.959	99.71	97.31	WATERMAIN CROSSING OVER SANITARY
8+047.937	99.68	97.28	50# V&B
8+060.000	99.66	97.26	50# V&B
8+080.000	99.57	97.17	50# PLUG
8+090.511	99.53	97.13	CONNECTION TO 50X19# REDUCER
8+091.661	99.53	97.13	50# PLUG
9+000.000	100.34	97.94	200X150# TEE
9+007.251	100.60	98.20	150# V&B
9+020.000	100.12	97.72	150# V&B
9+040.000	100.03	97.63	150# V&B
9+055.578	99.85	97.45	150# V&B
9+060.000	99.78	97.38	150X150# CROSS
9+060.406	99.76	97.36	150X150# CROSS
9+063.156	99.59	97.19	22.5° BEND
9+064.156	99.59	97.19	22.5° BEND
9+065.238	99.46	97.02	22.5° BEND
9+066.600	99.42	97.02	22.5° BEND
9+066.680	99.38	96.98	150X50# REDUCER
9+080.000	99.27	96.87	150X50# REDUCER
9+100.000	99.14	96.74	CONNECTION TO 50X19# REDUCER
9+108.110	99.20	96.80	50# PLUG
9+109.250	99.22	96.82	50# PLUG
10+000.000	99.53	97.13	200X150# TEE
10+007.25	99.68	97.28	150# V&B
10+020.000	99.37	96.87	150# V&B
10+040.000	98.96	96.56	WATERMAIN CROSSING OVER STORM
10+056.977	98.73	95.81	WATERMAIN CROSSING OVER STORM
10+060.000	98.59	96.19	150X150# CROSS
10+066.529	98.38	95.98	150X150# CROSS
10+072.178	98.06	95.66	150# V&B
10+075.789	97.95	95.45	WATERMAIN CROSSING OVER SANITARY
10+080.000	97.61	95.21	150# V&B
10+100.000	96.76	94.36	150# V&B
10+117.701	96.93	94.42	45° VERTICAL BEND
10+117.929	97.01	94.65	WATERMAIN CROSSING OVER STORM
10+120.000	96.98	94.84	45° VERTICAL BEND
10+120.779	97.02	94.80	WATERMAIN CROSSING OVER SANITARY
10+121.054	97.02	94.52	45° VERTICAL BEND
10+121.429	96.93	94.53	45° BEND
10+122.843	97.02	94.62	45° BEND
10+124.593	96.80	94.58	WATERMAIN CROSSING OVER SANITARY
10+126.593	96.85	94.61	WATERMAIN CROSSING OVER SANITARY
10+140.000	97.25	94.85	150# V&B
10+148.724	98.02	95.62	150# V&B
10+151.752	98.08	95.68	45° BEND
10+153.167	98.08	95.68	45° BEND
10+157.829	98.53	96.13	150# WATER SERVICE TO BUILDING
11+000.000	95.88	93.48	50# PLUG
11+001.150	95.86	93.46	CONNECTION TO 50X19# REDUCER
11+001.381	95.82	93.22	150X50# REDUCER
11+020.000	95.59	93.19	150# V&B
11+034.309	95.34	92.94	150# V&B
11+036.330	95.33	92.93	150X50# TEE
11+039.080	95.48	93.06	WATERMAIN CROSSING OVER SANITARY
11+040.000	95.37	92.97	150X150# TEE
11+042.238	95.40	93.00	150# V&B
11+047.814	95.45	93.05	150# V&B
11+060.000	95.49	93.09	150# V&B
11+080.000	95.28	92.88	150# V&B
11+090.511	95.10	92.70	150# V&B
11+100.000	95.09	92.69	HYDRANT CONNECTION
11+102.275	95.07	92.67	150X150# TEE
11+104.845	95.09	92.69	150# V&B
11+109.430	94.97	92.57	45° VERTICAL BEND
11+110.966	94.97	92.13	WATERMAIN CROSSING UNDER STORM
11+112.786	94.97	92.04	WATERMAIN CROSSING OVER SANITARY
11+113.474	94.97	92.57	45° VERTICAL BEND
11+120.000	95.05	92.65	45° VERTICAL BEND
11+133.447	94.85	92.45	300X150# TEE
12+000.000	95.75	93.35	50# PLUG
12+001.150	95.73	93.33	CONNECTION TO 50X19# REDUCER
12+020.000	95.62	93.22	50# PLUG
12+036.351	95.53	93.13	50X50# TEE
12+039.102	95.87	93.17	WATERMAIN CROSSING OVER SANITARY
12+040.000	95.45	93.05	50# V&B
12+042.073	95.42	93.02	50# V&B
12+060.000	95.34	92.94	50# PLUG
12+080.000	95.19	92.79	CONNECTION TO 50X19# REDUCER
12+088.986	95.13	92.73	CONNECTION TO 50X19# REDUCER
12+090.136	95.13	92.73	50# PLUG
13+000.000	96.15	93.75	150# WATER SERVICE TO BUILDING
13+004.662	95.81	93.41	45° BEND
13+006.078	95.81	93.41	45° BEND
13+009.109	95.66	93.26	150# V&B
13+020.000	95.11	92.71	150# V&B
13_033.723	94.94	92.25	WATERMAIN CROSSING UNDER STORM
13+035.719	94.90	92.25	WATERMAIN CROSSING OVER SANITARY
14+000.000	94.88	92.45	300# PLUG
14+001.410	94.84	92.44	300# V&B
14+020.000	94.70	92.30	300# V&B
14+024.584	94.66	92.26	22.5° BEND
14+034.121	94.55	92.15	300# V&B
14+040.000	95.05	92.65	22.5° BEND
14+044.274	94.56	92.16	22.5° BEND
14+046.465	94.57	92.17	CONNECTION TO EXISTING 300# WATERMAIN
15+000.000	99.67	97.27	150# V&B
15+015.657	99.74	97.34	150X50# REDUCER
15+018.735	99.69	97.29	150# V&B
15+020.000	99.56	97.16	150# V&B
15+023.447	99.61	97.06	WATERMAIN CROSSING OVER SANITARY
15+031.939	99.26	96.86	150# V&B
15+040.000	98.86	96.45	150# V&B
15+060.000	98.86	96.46	150# V&B
15+070.212	98.97	96.57	WATERMAIN CROSSING OVER SANITARY
15+072.212	98.98	96.58	WATERMAIN CROSSING OVER STORM
15+080.000	98.89	96.49	150# V&B
15+100.000	98.45	96.05	150# V&B
15+120.000	98.46	96.06	150# V&B
15+140.000	98.46	96.06	150# V&B
15+141.953	98.46	96.06	150X150# TEE
15+145.150	98.41	96.01	150X150# TEE
15+146.150	98.36	95.92	WATERMAIN CROSSING OVER SANITARY
15+148.032	98.31	95.91	150# V&B
15+153.863	98.23	95.83	HYDRANT CONNECTION
15+160.000	98.29	95.89	45° BEND
15+163.822	98.34	95.94	45° BEND
15+169.181	98.33	95.93	45° BEND
15+172.378	98.45	94.82	WATERMAIN CROSSING OVER STORM
15+173.952	98.52	96.12	150# V&B
15+180.000	98.27	95.87	150# V&B
15+183.593	97.85	95.45	150# V&B
15+185.656	97.12	94.47	WATERMAIN CROSSING OVER SANITARY
15+192.284	96.74	94.34	45° BEND
15+198.106	96.65	94.25	45° BEND
15+200.000	96.62	94.22	45° BEND
15+220.000	96.61	94.21	45° BEND
15+240.000	96.44	94.04	45° BEND
15+260.000	96.12	93.72	150# V&B
15+280.000	96.21	93.81	150# V&B
15+286.769	96.21	93.81	150# V&B
15+300.000	96.15	93.75	150X150# TEE
15+301.223	96.12	93.72	150X150# TEE
15+302.223	96.20	93.55	WATERMAIN CROSSING OVER SANITARY
15+305.040	96.01	93.61	150# V&B
15+309.995	95.75	93.35	HYDRANT CONNECTION
15+320.000	95.62	93.22	150# V&B
15+327.313	95.51	93.11	150# V&B
15+329.433	95.57	92.49	WATERMAIN CROSSING UNDER STORM
15+331.397	95.54	93.14	WATERMAIN CROSSING OVER SANITARY
16+004.303	95.72	93.32	50# V&B
16+021.694	95.71	93.31	50# V&B

**NOT FOR CONSTRUCTION**

No.	BY	DATE	DESCRIPTION
6	S.L.M.	23-10-08	4TH SUBMISSION
5	S.L.M.	23-09-22	ISSUED FOR TENDER
4	S.L.M.	23-09-06	ISSUED FOR TENDER
3	S.L.M.	23-06-30	3RD SUBMISSION

**TOPOGRAPHIC INFORMATION**  
TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-111, DATED MARCH 1, 2022

**SITE PLAN INFORMATION**  
SITE PLAN PROVIDED BY SRN ARCHITECTS LTD., PROJECT No. S21001, DATED OCTOBER 5, 2023

**LEGAL INFORMATION**  
CALCULATED DRAFT PLAN PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-131, DATED AUGUST 9, 2023

**BENCH MARK**  
ELEVATIONS ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD-1928:1978) AND ARE DERIVED FROM BENCHMARK MONUMENT No. 196530071\*, HAVING A PUBLISHED ELEVATION OF 99.742 METRES

**MINTO COMMUNITIES INC.** **BARRHAVEN TOWN CENTRE STAGE 1**

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