

**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+021.289          | 100.98          | 98.58         | 45° HORIZONTAL BEND              |
| 1+040.000          | 100.72          | 98.32         |                                  |
| 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         |                                  |
| 1+079.372          | 100.50          | 98.10         | 150# V&B                         |
| 1+080.000          | 100.52          | 98.12         |                                  |
| 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         |                                  |
| 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         |                                  |
| 1+133.610          | 100.16          | 97.70         | WATERMAIN CROSSING OVER STORM    |
| 1+135.610          | 100.15          | 97.70         | WATERMAIN CROSSING OVER SANITARY |
| 1+138.600          | 100.09          | 97.69         | 150X50# TEE                      |
| 1+140.000          | 100.09          | 97.69         |                                  |
| 1+141.383          | 100.08          | 97.68         | 150# V&B                         |
| 1+142.000          | 100.16          | 97.76         |                                  |
| 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         |                                  |
| 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         |                                  |
| 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         |                                  |
| 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         |                                  |
| 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         |                                  |
| 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         |                                  |
| 7+000.000          | 99.83           | 97.43         | 50# PLUG                         |
| 7+018.306          | 99.61           | 97.21         | 150X50# REDUCER                  |
| 7+021.902          | 99.66           | 97.16         | 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         |                                       |
| 8+040.000          | 99.74           | 97.34         | 50# V&B                               |
| 8+043.219          | 99.70           | 97.30         | 50X50# TEE                            |
| 8+043.959          | 99.71           | 97.38         | WATERMAIN CROSSING OVER SANITARY      |
| 8+047.937          | 99.68           | 97.28         | 50# V&B                               |
| 8+060.000          | 99.66           | 97.26         |                                       |
| 8+080.000          | 99.57           | 97.17         |                                       |
| 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         |                                       |
| 9+040.000          | 100.03          | 97.63         |                                       |
| 9+055.578          | 99.85           | 97.45         | 150# V&B                              |
| 9+060.000          | 99.78           | 97.38         |                                       |
| 9+060.406          | 99.76           | 97.36         | 150X150# CROSS                        |
| 9+063.156          | 99.59           | 97.19         |                                       |
| 9+064.156          | 99.59           | 97.19         | 22.5° BEND                            |
| 9+065.238          | 99.46           | 97.02         |                                       |
| 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         |                                       |
| 9+100.000          | 99.14           | 96.74         |                                       |
| 9+108.110          | 99.20           | 96.80         | CONNECTION TO 50X19# REDUCER          |
| 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         |                                       |
| 10+040.000         | 98.96           | 96.56         |                                       |
| 10+056.977         | 98.73           | 95.81         | WATERMAIN CROSSING OVER STORM         |
| 10+060.000         | 98.59           | 96.19         |                                       |
| 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         |                                       |
| 10+100.000         | 96.76           | 94.36         |                                       |
| 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         |                                       |
| 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+126.503         | 96.85           | 94.61         | WATERMAIN CROSSING OVER STORM         |
| 10+140.000         | 97.25           | 94.85         |                                       |
| 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         |                                       |
| 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         |                                       |
| 11+042.238         | 95.40           | 93.00         | 150X150# TEE                          |
| 11+047.814         | 95.45           | 93.05         | 150# V&B                              |
| 11+060.000         | 95.49           | 93.09         |                                       |
| 11+080.000         | 95.28           | 92.88         |                                       |
| 11+090.000         | 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+109.450         | 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         |                                       |
| 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         |                                       |
| 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         |                                       |
| 12+042.073         | 95.42           | 93.02         | 50# V&B                               |
| 12+060.000         | 95.34           | 92.94         |                                       |
| 12+080.000         | 95.19           | 92.79         |                                       |
| 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         |                                       |
| 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         | 50# PLUG                              |
| 14+001.410         | 94.84           | 92.44         | 50# V&B                               |
| 14+020.000         | 94.70           | 92.30         |                                       |
| 14+024.584         | 94.66           | 92.26         | 22.5° BEND                            |
| 14+034.121         | 94.55           | 92.15         | 50# V&B                               |
| 14+040.000         | 95.05           | 92.65         |                                       |
| 14+044.274         | 94.56           | 92.16         | 22.5° BEND                            |
| 14+048.465         | 94.57           | 92.17         | CONNECTION TO EXISTING 300# WATERMAIN |
| 15+000.000         | 99.67           | 97.27         |                                       |
| 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         |                                       |
| 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           | 96.46         |                                       |
| 15+060.000         | 98.86           | 96.46         |                                       |
| 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         |                                       |
| 15+100.000         | 98.45           | 96.05         |                                       |
| 15+120.000         | 98.46           | 96.06         |                                       |
| 15+140.000         | 98.46           | 96.06         |                                       |
| 15+141.953         | 98.46           | 96.06         | 150# V&B                              |
| 15+145.150         | 98.41           | 96.01         | 150X150# TEE                          |
| 15+148.150         | 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         |                                       |
| 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           | 95.12         | 150# V&B                              |
| 15+180.000         | 98.27           | 95.87         |                                       |
| 15+183.593         | 97.85           | 95.45         | 150# V&B                              |
| 15+185.656         | 97.12           | 94.47         | WATERMAIN CROSSING OVER SANITARY      |
| 15+182.844         | 96.74           | 94.34         | 45° BEND                              |
| 15+188.106         | 96.65           | 94.25         | 45° BEND                              |
| 15+200.000         | 96.62           | 94.22         |                                       |
| 15+220.000         | 96.61           | 94.21         |                                       |
| 15+240.000         | 96.44           | 94.04         |                                       |
| 15+260.000         | 96.12           | 93.72         |                                       |
| 15+280.000         | 96.21           | 93.81         |                                       |
| 15+286.769         | 96.21           | 93.81         | 150# V&B                              |
| 15+300.000         | 96.15           | 93.75         |                                       |
| 15+301.223         | 96.12           | 93.72         | 150X150# TEE                          |
| 15+302.223         | 96.20           | 93.50         | 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         |                                       |
| 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

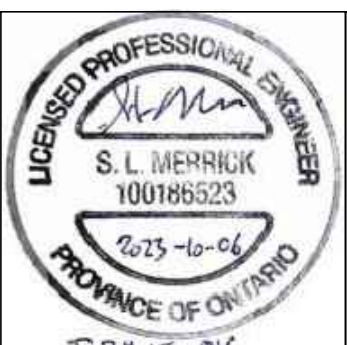
**LEGAL INFORMATION**  
CALCULATED DRAFT PLAN PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-131, DATED AUGUST 9, 2023


**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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### DETAILS AND TABLE

|                 |  |                |  |                    |
|-----------------|--|----------------|--|--------------------|
| DRAWN BY: AM    |  | CHECKED BY: BC |  | PROJECT No. 15-816 |
| DESIGNED BY: BC |  | CHECKED BY: SM |  |                    |
| SCALE: N.T.S.   |  |                |  | SHEET No. 3        |