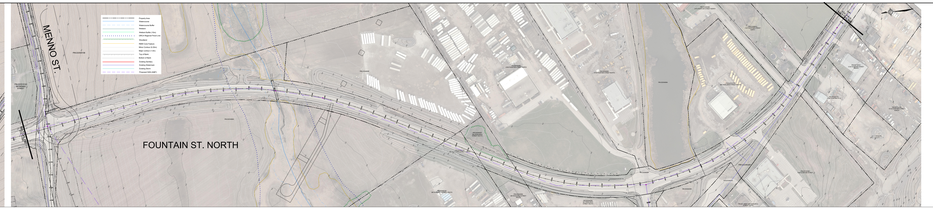
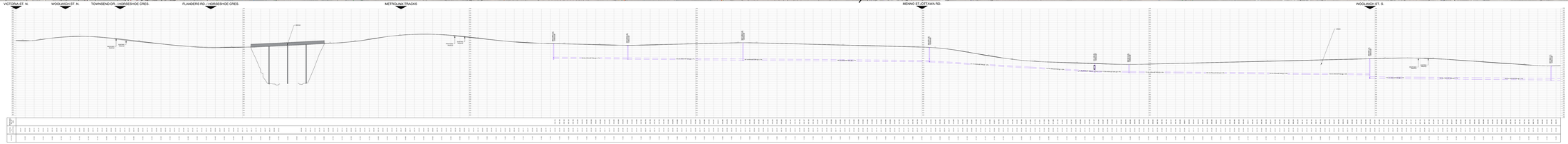
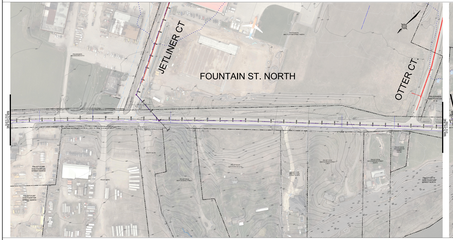
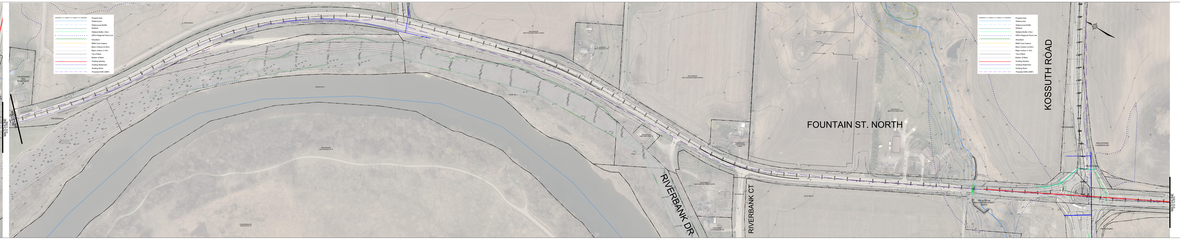
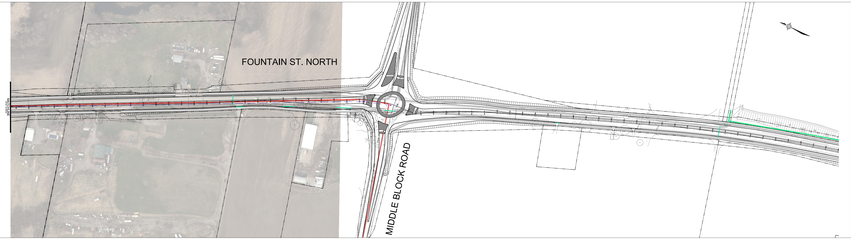
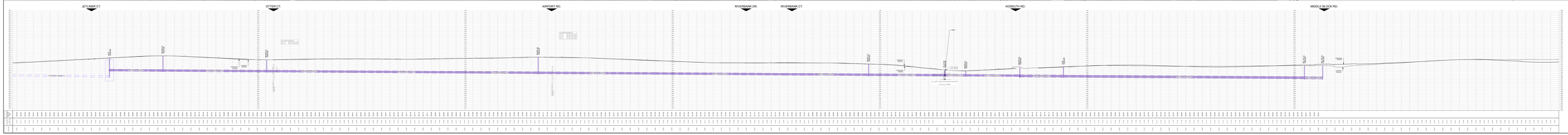












WOOLWICH TOWNSHIP

Associated Engineering

PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

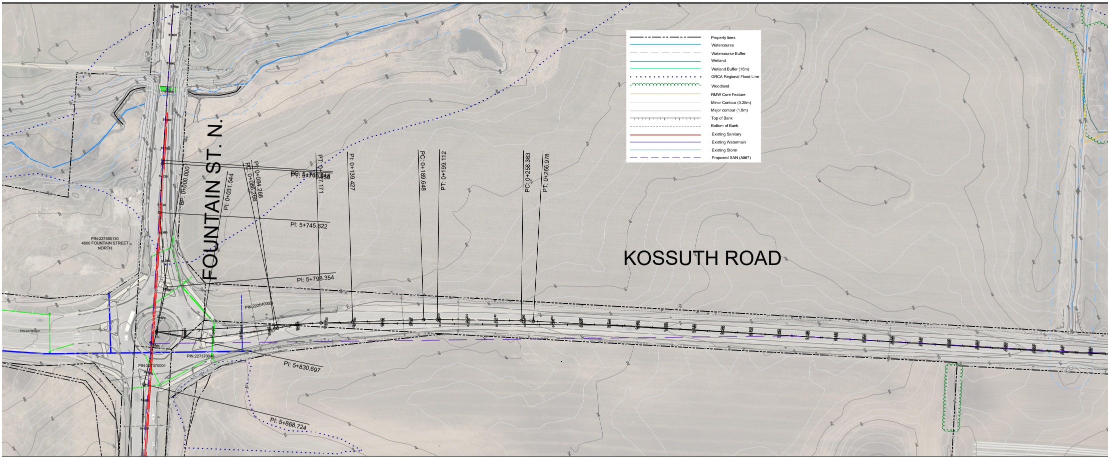
FOUNTAIN ST. - VICTORIA ST. N. TO KOSSUTH ROAD

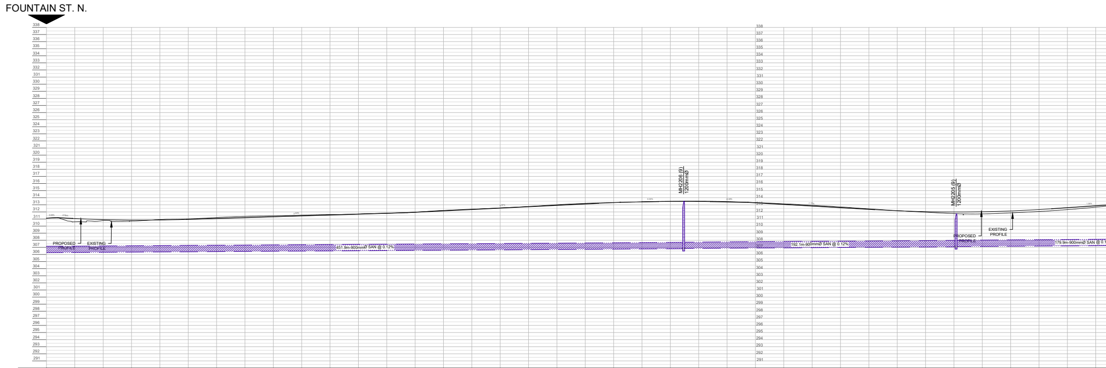
STA: 0+000 TO 7+140

PRELIMINARY FOR DISCUSSION NOT FOR CONSTRUCTION

DESIGNED BY	KJ
DRAWN BY	KJ
CHECKED BY	
DATE	PROJECT NO. 20MP-00
SCALE (HORIZONTAL)	1:500
SCALE (VERTICAL)	1:100
DRAWING NO.	1 OF 1
SHEET NO.	

THE CONTRACTOR SHALL VERIFY ALL GRADES, DIMENSIONS AND CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. THIS DRAWING IS NOT TO BE SCALED.


Property lines
Watercourse
Watercourse Buffer
Wetland
Wetland Buffer (15m)
GRCA Regional Flood Line
Woodland
RMW Core Feature
Minor Contour (0.25m)
Major contour (1.0m)
Top of Bank
Bottom of Bank
Existing Sanitary
Existing Watermain
Existing Storm
Proposed SAN (Alt#7)
FOUNTAIN ST. N.
KOSSUTH ROAD
PIN:227360130
4600 FOUNTAIN STREET
NORTH
PIN:222540002
PIN:227370048
PIN:227370001
BP: 0+000.000
PI: 0+031.544
PC: 0+066.288
PI: 0+084.288
PI: 0+139.427
PC: 0+169.648
PT: 0+199.112
PC: 0+258.363
PT: 0+266.978
PI: 5+745.622
PI: 5+798.354
PI: 5+830.697
PI: 5+868.724


FOUNTAIN ST. N.
MH2206 (9)
1200mmØ
MH2205 (9)
1200mmØ
PROPOSED PROFILE
EXISTING PROFILE
451.9m-900mmØ SAN @ 0.12%
192.1m-900mmØ SAN @ 0.12%
179.9m-900mmØ SAN @ 0.1
338
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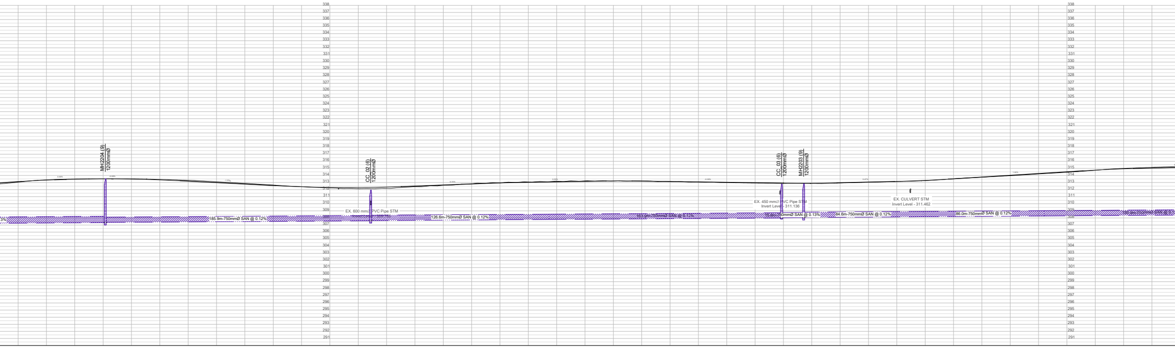
PROPOSED INV. OF SAN	EXISTING CL ELEVATION	STATION
306.266	311.05	
306.278	310.61	0+020
306.290	310.73	
306.303	310.78	0+040
306.315	310.66	
306.328	310.70	0+060
306.340	310.80	
306.352	310.91	0+080
306.365	310.97	
306.377	311.02	0+100
306.390	311.10	
306.402	311.21	0+120
306.414	311.30	
306.427	311.36	0+140
306.439	311.41	
306.452	311.46	0+160
306.464	311.50	
306.476	311.54	0+180
306.489	311.59	
306.501	311.63	0+200
306.513	311.65	
306.526	311.71	0+220
306.538	311.76	
306.551	311.81	0+240
306.563	311.87	
306.575	311.96	0+260
306.588	312.09	
306.600	312.21	0+280
306.613	312.30	
306.625	312.38	0+300
306.637	312.47	
306.650	312.56	0+320
306.662	312.66	
306.675	312.76	0+340
306.687	312.88	
306.699	313.00	0+360
306.712	313.11	
306.724	313.20	0+380
306.736	313.27	
306.749	313.33	0+400
306.761	313.37	
306.774	313.42	0+420
306.786	313.47	
306.798	313.50	0+440
306.839	313.52	
306.853	313.52	0+460
306.866	313.49	
306.878	313.45	0+480
306.891	313.38	
306.903	313.31	0+500
306.916	313.23	
306.928	313.14	0+520
306.941	313.04	
306.953	312.93	0+540
306.966	312.82	
306.978	312.70	0+560
306.991	312.56	
307.003	312.43	0+580
307.016	312.31	
307.028	312.18	0+600
307.041	312.07	
307.053	311.95	0+620
307.066	311.85	
307.078	311.76	0+640
307.121	311.71	
307.134	311.72	0+660
307.146	311.78	
307.159	311.86	0+680
307.172	311.96	
307.185	312.06	0+700
307.198	312.18	
307.210	312.32	0+720
307.223	312.49	
307.236	312.67	0+740

PC: 0+748.984
PT: 0+986.090
PC: 1+273.515
PIN:222540017
4685 FOUNTAIN STREET
PIN:227370015
3020 KOSSUTH RD
PIN:227370014
3010 KOSSUTH RD
PIN:227370016
3000 KOSSUTH RD


MH2204 (9)
1200mmØ
CC_02 (6)
1200mmØ
CC_03 (6)
1200mmØ
MH2203 (9)
1200mmØ
EX. 600 mmØ PVC Pipe STM
EX. 450 mmØ PVC Pipe STM
Invert Level - 311.136
EX. CULVERT STM
Invert Level - 311.462
185.9m-750mmØ SAN @ 0.12%
126.6m-750mmØ SAN @ 0.12%
163.9m-750mmØ SAN @ 0.12%
15.6m-750mmØ SAN @ 0.13%
84.6m-750mmØ SAN @ 0.12%
86.0m-750mmØ SAN @ 0.12%
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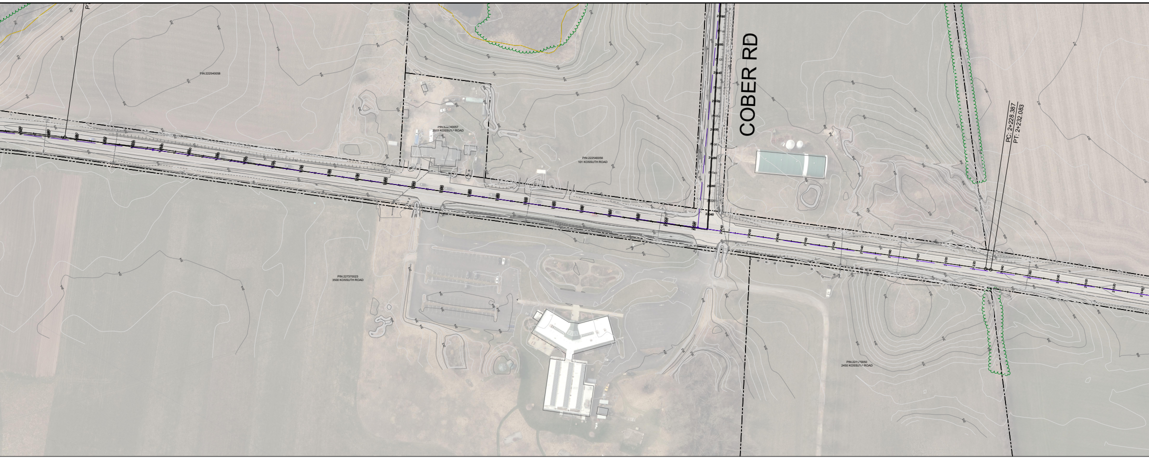
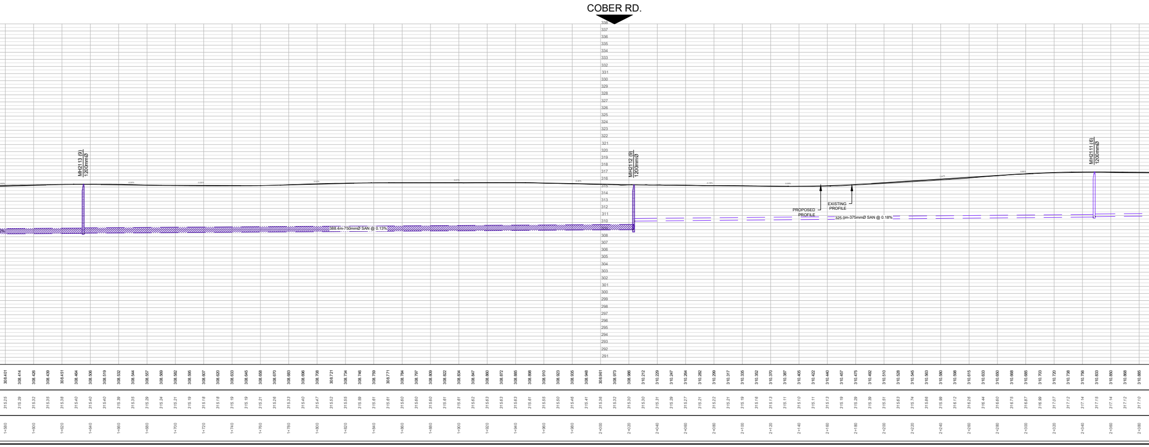
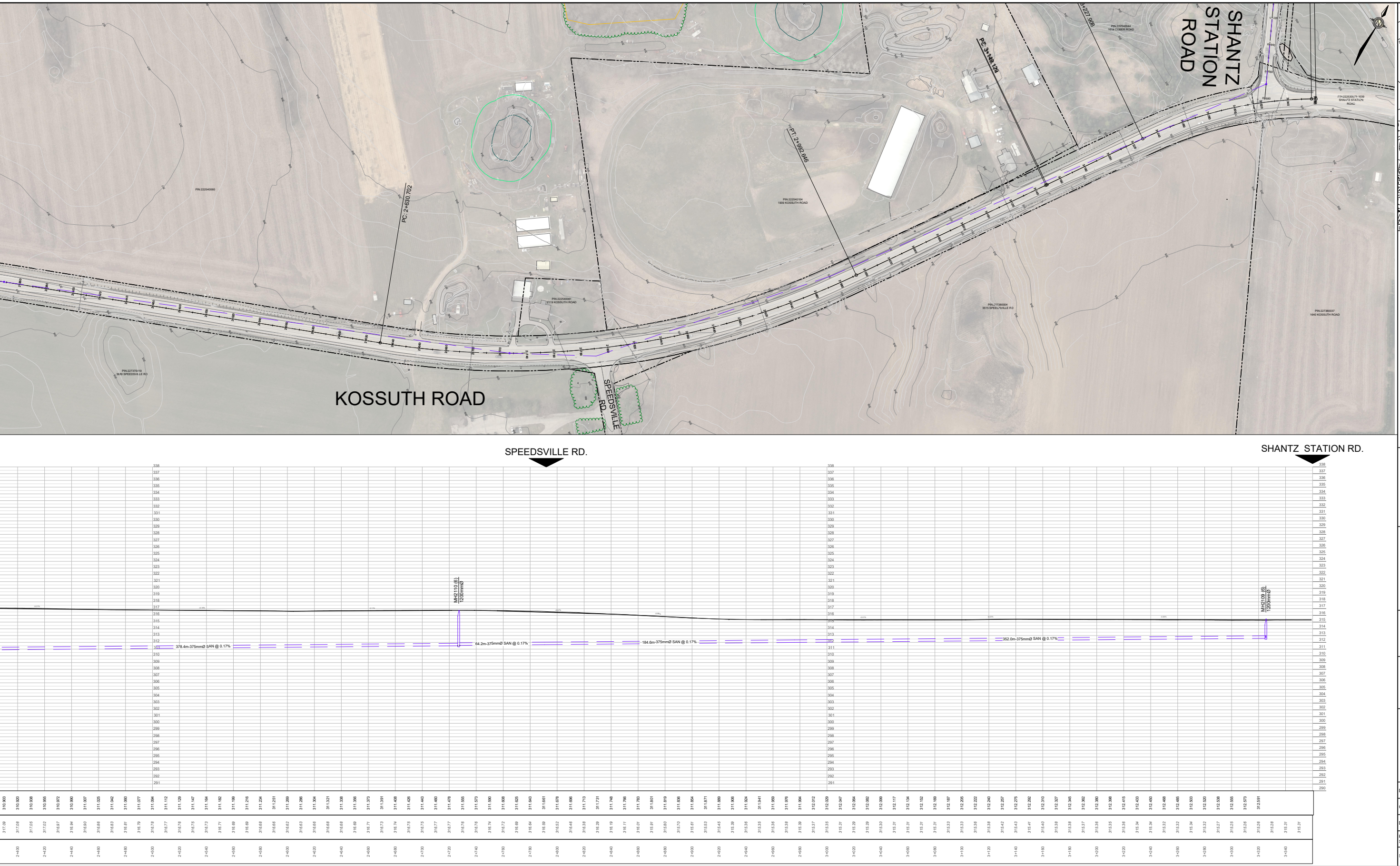
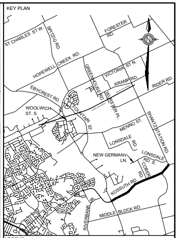
307.249	312.85	
307.261	313.05	0+760
307.274	313.25	
307.287	313.37	0+780
307.300	313.45	
307.312	313.50	0+800
307.325	313.52	
307.338	313.54	0+820
307.380	313.54	
307.393	313.52	0+840
307.405	313.49	
307.417	313.44	0+860
307.430	313.38	
307.442	313.32	0+880
307.454	313.23	
307.466	313.11	0+900
307.479	313.00	
307.491	312.88	0+920
307.503	312.77	
307.516	312.65	0+940
307.528	312.51	
307.540	312.41	0+960
307.552	312.31	
307.565	312.24	0+980
307.577	312.16	
307.589	312.12	1+000
307.632	312.12	
307.644	312.18	1+020
307.656	312.30	
307.669	312.41	1+040
307.681	312.52	
307.694	312.61	1+060
307.706	312.72	
307.718	312.82	1+080
307.731	312.89	
307.743	312.95	1+100
307.756	313.02	
307.768	313.08	1+120
307.781	313.13	
307.793	313.19	1+140
307.805	313.24	
307.818	313.24	1+160
307.830	313.22	
307.843	313.21	1+180
307.855	313.18	
307.867	313.22	1+200
307.880	313.15	
307.892	313.14	1+220
307.905	313.11	
307.917	313.08	1+240
307.930	313.04	
307.942	313.00	1+260
307.954	312.96	
307.967	312.93	1+280
307.979	312.90	
308.022	312.87	1+300
308.035	312.87	
308.077	312.87	1+320
308.090	312.87	
308.102	312.93	1+340
308.115	312.99	
308.127	313.04	1+360
308.140	313.09	
308.152	313.14	1+380
308.164	313.18	
308.177	313.26	1+400
308.189	313.38	
308.202	313.53	1+420
308.214	313.65	
308.227	313.75	1+440
308.239	313.85	
308.252	313.96	1+460
308.264	314.08	
308.277	314.21	1+480
308.289	314.32	
308.302	314.45	1+500
308.314	314.58	
308.327	314.73	1+520
308.339	314.89	
308.352	315.00	1+540
308.364	315.07	
308.377	315.15	1+560
308.389	315.22	


COBER RD
PC: 2+228.387
PT: 2+232.083
PIN:222540058
PIN:222540057
2515 KOSSUTH ROAD
PIN:222540056
101 KOSSUTH ROAD
PIN:227370023
3500 KOSSUTH ROAD
2450 KOSSUTH ROAD


COBER RD.
MH2113 (9)
1200mmØ
MH2112 (9)
1200mmØ
MH2111 (6)
1200mmØ
388.4m-750mmØ SAN @ 0.13%
325.0m-375mmØ SAN @ 0.18%
PROPOSED
PROFILE
EXISTING
PROFILE
308.401 308.414 308.426 308.439 308.451 308.464 308.506 308.519 308.532 308.544 308.557 308.569 308.582 308.595 308.607 308.620 308.633 308.645 308.658 308.670 308.683 308.696 308.708 308.721 308.734 308.746 308.759 308.771 308.784 308.797 308.809 308.822 308.834 308.847 308.860 308.872 308.885 308.898 308.910 308.923 308.935 308.948 308.961 308.973 308.986 310.212 310.229 310.247 310.264 310.282 310.299 310.317 310.335 310.352 310.370 310.387 310.405 310.422 310.440 310.457 310.475 310.492 310.510 310.528 310.545 310.563 310.580 310.598 310.615 310.633 310.650 310.668 310.685 310.703 310.720 310.738 310.756 310.833 310.850 310.868 310.885
1+580 1+600 1+620 1+640 1+660 1+680 1+700 1+720 1+740 1+760 1+780 1+800 1+820 1+840 1+860 1+880 1+900 1+920 1+940 1+960 1+980 2+000 2+020 2+040 2+060 2+080 2+100 2+120 2+140 2+160 2+180 2+200 2+220 2+240 2+260 2+280 2+300 2+320 2+340 2+360 2+380


PC: 2+630.702
PT: 2+992.646
PC: 3+148.129
3+227.908
PIN:222540044
1014 COBER ROAD
PIN:222530079 1039
SHANTZ STATION ROAD
PIN:222540104
1909 KOSSUTH ROAD
PIN:222540081
2119 KOSSUTH ROAD
PIN:222540080
PIN:227380004
3815 SPEEDSVILLE RD
PIN:227380037
1840 KOSSUTH ROAD
SHANTZ STATION ROAD
KOSSUTH ROAD
SPEEDSVILLE RD.
SPEEDSVILLE RD.
SHANTZ STATION RD.
MH2110 (6)
1200mmØ
MH2109 (6)
1200mmØ
378.4m-375mmØ SAN @ 0.17%
64.2m-375mmØ SAN @ 0.17%
184.6m-375mmØ SAN @ 0.17%
352.0m-375mmØ SAN @ 0.17%

KEY PLAN


ST CHARLES ST W
HOPEWELL CREEK RD
FORESTER RD
VICTORIA ST N
KRAMP RD
RIDER RD
EBYCREST RD
WOOLWICH ST. S.
MENNO ST
LONSDALE RD
NEW GERMANY LN.
SHANTZ STATION RD
KOSSUTH RD
RIVERBANK DR.
MIDDLE BLOCK RD.

LEGEND

- Property lines
- Watercourse
- Watercourse Buffer
- Wetland
- Wetland Buffer (15m)
- GRCA Regional Flood Line
- Woodland
- RMW Core Feature
- Minor Contour (0.25m)
- Major contour (1.0m)
- Top of Bank
- Bottom of Bank
- Existing Sanitary
- Existing Watermain
- Existing Storm
- Proposed SAN (Alt#7)

WOOLWICH TOWNSHIP

Associated Engineering

PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

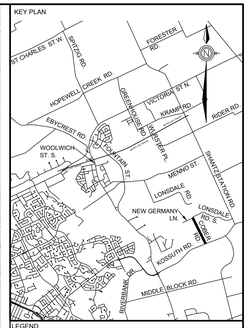
KOSSUTH RD. - FOUNTAIN STREET TO SHANTZ STATION RD.

STA: 0+000 TO 3+361

PRELIMINARY/ FOR DISCUSSION
NOT FOR CONSTRUCTION

DRAWN BY:	N.C.		
CHECKED BY:	D.L.		
DATE:	October 10, 2024		
HORIZONTAL SCALE:	1:1000	VERTICAL SCALE:	1:200
SHEET NO:	4 OF 26	DWG NO:	C-102

\\AE.CA\DATA\WORKING\KIT\2023-5737-00\CIVL\MODEL_SHEETS\5737-00-C-101-

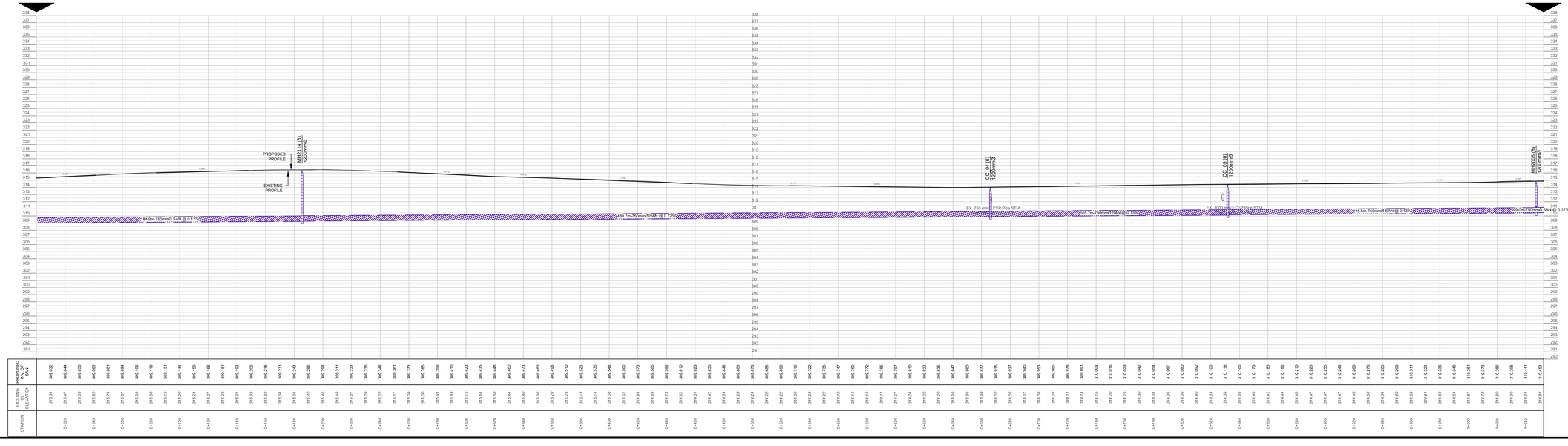


LEGEND

- Property lines
- Watercourse
- Watercourse Buffer
- Wetland
- Wetland Buffer (15m)
- GRCA Regional Flood Line
- Woodland
- RMW Core Feature
- Minor Contour (0.25m)
- Major contour (1.0m)
- Top of Bank
- Bottom of Bank
- Existing Sanitary
- Existing Watermain
- Existing Storm
- Proposed SAN (AMI7)

KOSSUTH RD.

LONSDALE RD./NEW GERMANY LN.



STATION	EXISTING ELEVATION	PROPOSED INVERT SAN
0+000	315.34	309.032
0+020	315.47	309.044
0+040	315.55	309.056
0+060	315.62	309.069
0+080	315.74	309.081
0+100	315.87	309.094
0+120	315.98	309.106
0+140	316.08	309.119
0+160	316.15	309.131
0+180	316.20	309.144
0+200	316.24	309.156
0+220	316.27	309.168
0+240	316.28	309.181
0+260	316.31	309.193
0+280	316.33	309.206
0+300	316.33	309.218
0+320	316.34	309.231
0+340	316.34	309.243
0+360	316.40	309.256
0+380	316.46	309.268
0+400	316.43	309.311
0+420	316.37	309.323
0+440	316.29	309.336
0+460	316.22	309.348
0+480	316.17	309.361
0+500	316.09	309.373
0+520	316.00	309.385
0+540	315.91	309.398
0+560	315.83	309.410
0+580	315.75	309.423
0+600	315.64	309.435
0+620	315.50	309.448
0+640	315.44	309.460
0+660	315.40	309.473
0+680	315.36	309.485
0+700	315.29	309.498
0+720	315.23	309.510
0+740	315.19	309.523
0+760	315.14	309.535
0+780	315.08	309.548
0+800	315.02	309.560
0+820	314.93	309.573
0+840	314.83	309.585
0+860	314.73	309.598
0+880	314.62	309.610
0+900	314.51	309.623
0+920	314.42	309.635
0+940	314.34	309.648
0+960	314.28	309.660
0+980	314.24	309.673
1+000	314.22	309.685
1+020	314.22	309.698
1+040	314.22	309.710
1+060	314.23	309.722
1+080	314.23	309.735
1+100	314.19	309.747
1+120	314.16	309.760
1+140	314.13	309.772
1+160	314.11	309.785
1+180	314.07	309.797
1+200	314.04	309.810
1+220	314.02	309.822
1+240	314.00	309.835
1+260	313.96	309.847
1+280	313.99	309.860
1+300	314.02	309.872
1+320	314.05	309.915
1+340	314.07	309.927
1+360	314.07	309.940
1+380	314.08	309.953
1+400	314.08	309.965
1+420	314.11	309.978
1+440	314.14	309.991
1+460	314.18	310.004
1+480	314.20	310.016
1+500	314.25	310.029
1+520	314.30	310.042
1+540	314.34	310.054
1+560	314.38	310.067
1+580	314.39	310.080
1+600	314.40	310.092
1+620	314.39	310.105
1+640	314.38	310.118
1+660	314.38	310.130
1+680	314.40	310.143
1+700	314.42	310.155
1+720	314.44	310.168
1+740	314.46	310.180
1+760	314.47	310.193
1+780	314.47	310.206
1+800	314.48	310.218
1+820	314.50	310.231
1+840	314.54	310.243
1+860	314.60	310.256
1+880	314.63	310.268
1+900	314.61	310.311
1+920	314.63	310.323
1+940	314.64	310.336
1+960	314.65	310.348
1+980	314.73	310.361
2+000	314.80	310.373
2+020	314.90	310.386
2+040	314.94	310.411
2+052	314.84	310.453

WOOLWICH TOWNSHIP

Associated Engineering

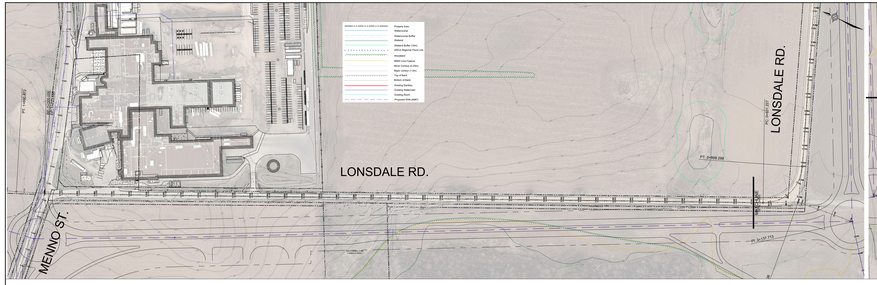
PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

COBER RD. - KOSSUTH RD. TO NEW GERMANY LANE

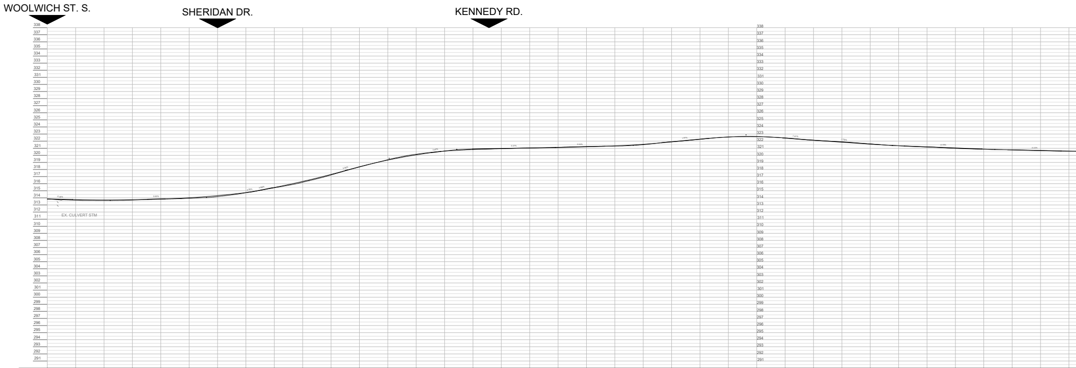
STA: 0+000 TO 1+052

PRELIMINARY/ FOR DISCUSSION
NOT FOR CONSTRUCTION

DRAWN BY:	N.C.		
CHECKED BY:	D.L.		
DATE:	October 10, 2024		
HORIZONTAL SCALE:	1:1000	VERTICAL SCALE:	1:200
SHEET NO:	6 OF 26	DWG NO:	C-104


LONSDALE RD.
MENNO ST.
PT: 0+000.000
PT: 0+544.000
PC: 0+021.227
PC: 0+062.227
PC: 0+062.227
PT: 0+062.227
PC: 0+062.227
PT: 0+062.227
PC: 0+062.227
PT

KENNEDY RD.
MENNO ST.
SHERIDAN DR.
WOOLWICH ST. S.
PC: 1+179.662
1+284.541
Property lines
Watercourse
Watercourse Buffer
Wetland
Wetland Buffer (15m)
GRCA Regional Flood Line
Woodland
RMW Core Feature
Minor Contour (0.25m)
Major contour (1.0m)
Top of Bank
Bottom of Bank
Existing Sanitary
Existing Watermain
Existing Storm
Proposed SAN (Alt#7)



PROPOSED INV. OF SAN												
EXISTING CL ELEVATION	313.70	313.68	313.64	313.64	313.65	313.69	313.76	313.82	313.87	313.94	314.02	314.18
STATION		0+020		0+040		0+060		0+080		0+100		0+120

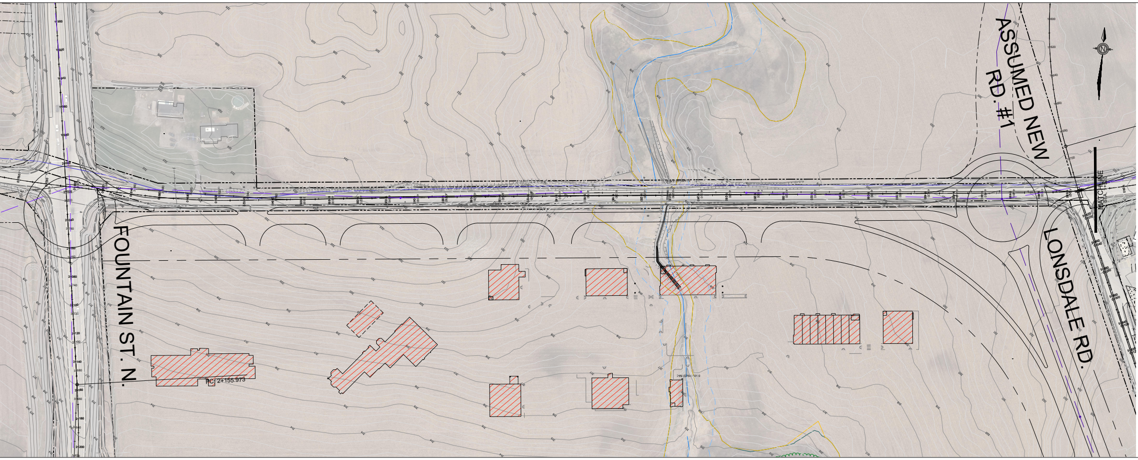
PROPOSED INV. OF SAN												
EXISTING CL ELEVATION	314.42	314.72	315.06	315.42	315.78	316.21	316.69	317.23	317.80	318.35	318.88	319.38
STATION		0+140		0+160		0+180		0+200		0+220		0+240

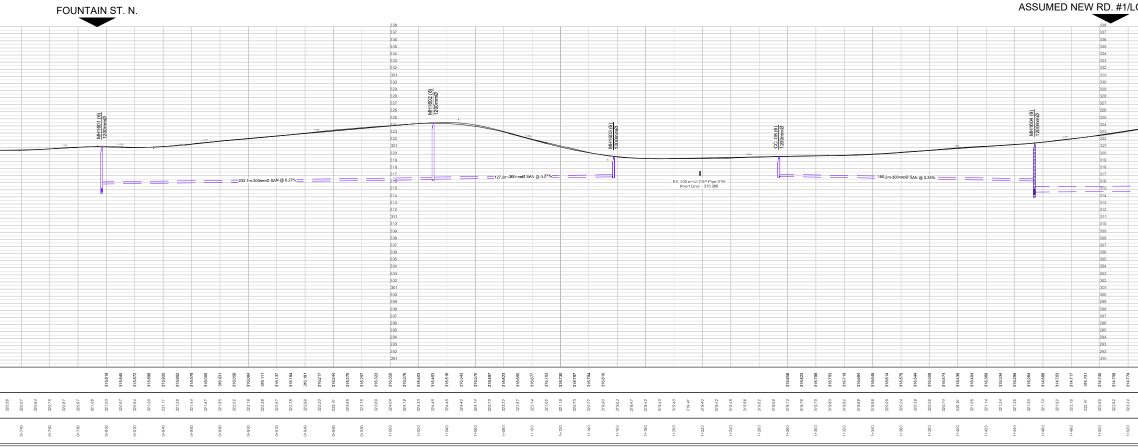
PROPOSED INV. OF SAN												
EXISTING CL ELEVATION	319.82	320.15	320.40	320.59	320.71	320.81	320.87	320.93	320.99	321.03	321.07	321.13
STATION		0+260		0+280		0+300		0+320		0+340		0+360

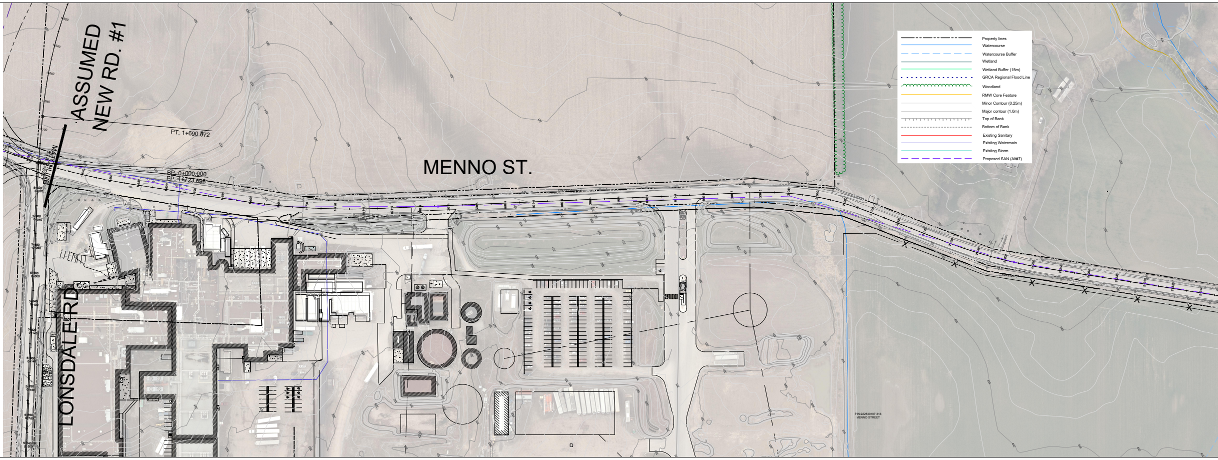
PROPOSED INV. OF SAN												
EXISTING CL ELEVATION	321.19	321.24	321.28	321.30	321.36	321.49	321.71	321.91	322.07	322.26	322.45	322.59
STATION		0+380		0+400		0+420		0+440		0+460		0+480

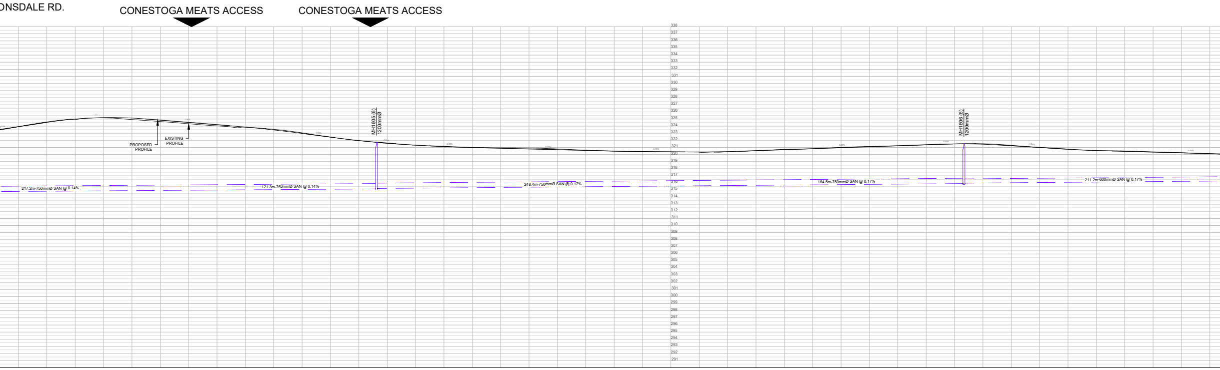
PROPOSED INV. OF SAN												
EXISTING CL ELEVATION	322.65	322.65	322.57	322.44	322.28	322.13	322.01	321.90	321.77	321.61	321.46	321.34
STATION		0+500		0+520		0+540		0+560		0+580		0+600

PROPOSED INV. OF SAN												
EXISTING CL ELEVATION	321.26	321.18	321.09	320.98	320.91	320.86	320.81	320.78	320.72	320.68	320.63	320.59
STATION		0+620		0+640		0+660		0+680		0+700		0+720


ASSUMED NEW RD. #1
FOUNTAIN ST. N.
LONSDALE RD.
MATCH LINE
PC 2+155.973
N


FOUNTAIN ST. N.
ASSUMED NEW RD. #1/LO
MH1601 (6) 1200mmØ
MH1602 (6) 1200mmØ
MH1603 (6) 1200mmØ
CC 08 (6) 1200mmØ
MH1604 (9) 1200mmØ
233.1m-300mmØ SAN @ 0.27%
127.2m-300mmØ SAN @ 0.27%
180.2m-300mmØ SAN @ 0.35%
EX. 600 mmØ CSP Pipe STM
Invert Level - 316.988
0+740
0+760
0+780
0+800
0+820
0+840
0+860
0+880
0+900
0+920
0+940
0+960
0+980
1+000
1+020
1+040
1+060
1+080
1+100
1+120
1+140
1+160
1+180
1+200
1+220
1+240
1+260
1+280
1+300
1+320
1+340
1+360
1+380
1+400
1+420
1+440
1+460
1+480
1+500
1+520


ASSUMED NEW RD. #1
PT: 1+690.872
BP: 0+000.000
EP: 1+723.698
MENNO ST.
LONSDALE RD
PIN:222540197 313 MENNO STREET
Property lines
Watercourse
Watercourse Buffer
Wetland
Wetland Buffer (15m)
GRCA Regional Flood Line
Woodland
RMW Core Feature
Minor Contour (0.25m)
Major contour (1.0m)
Top of Bank
Bottom of Bank
Existing Sanitary
Existing Watermain
Existing Storm
Proposed SAN (Alt#7)


ONSDALE RD.
CONESTOGA MEATS ACCESS
CONESTOGA MEATS ACCESS
PROPOSED PROFILE
EXISTING PROFILE
MH1605 (6) 1200mmØ
MH1606 (6) 1200mmØ
217.2m-750mmØ SAN @ 0.14%
121.3m-750mmØ SAN @ 0.14%
248.4m-750mmØ SAN @ 0.17%
164.5m-750mmØ SAN @ 0.17%
211.2m-600mmØ SAN @ 0.17%
338
337
336
335
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332
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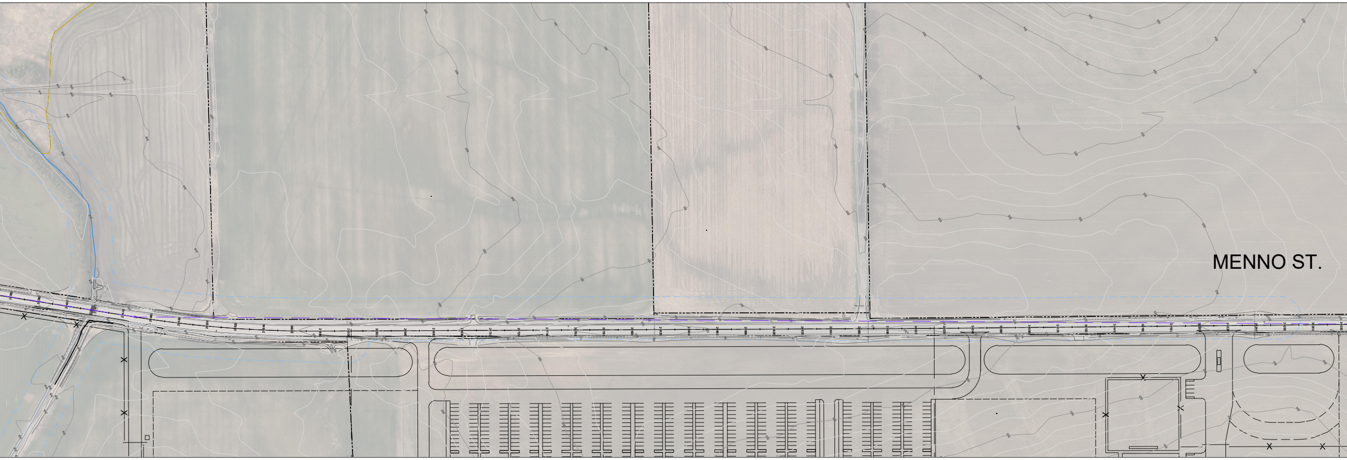
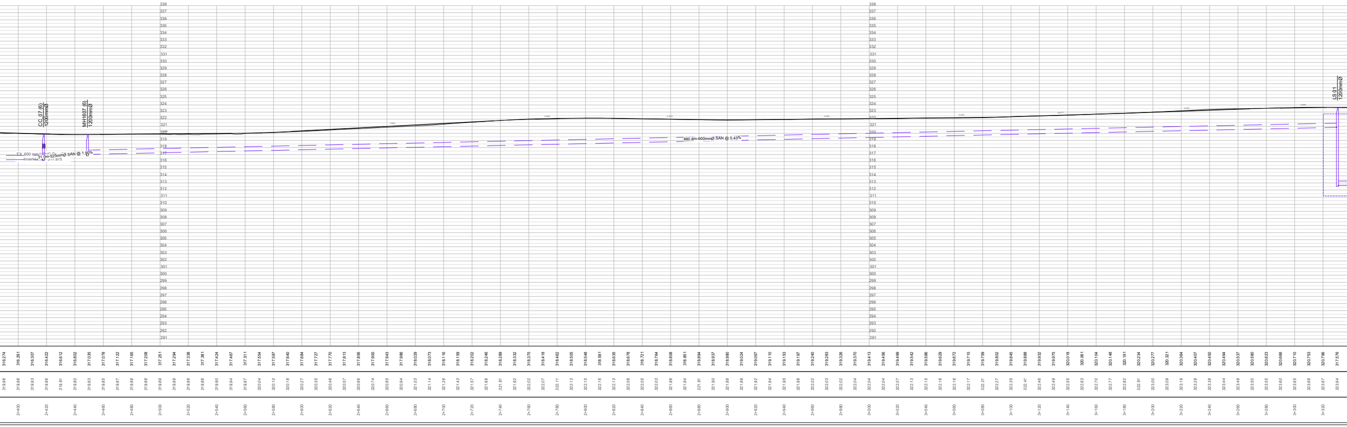
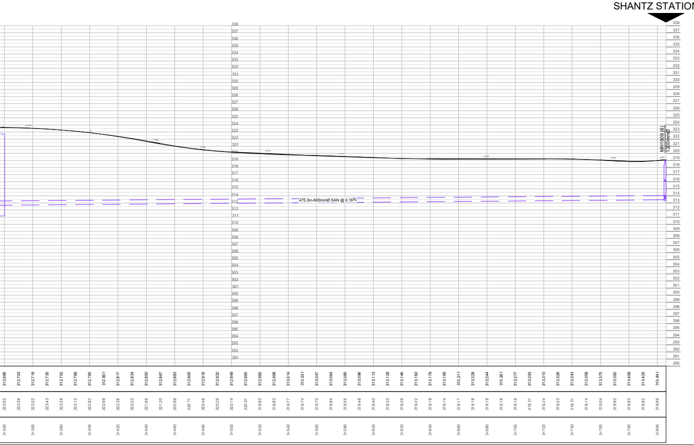
314.788	323.57	
314.802	323.92	1+540
314.816	324.28	
314.830	324.59	1+560
314.845	324.84	
314.859	324.92	1+580
314.873	325.13	
314.887	325.16	1+600
314.901	325.08	
314.915	324.93	1+620
314.930	324.79	
314.944	324.65	1+640
314.958	324.50	
314.972	324.34	1+660
314.986	324.18	
315.000	324.04	1+680
315.015	323.88	
315.029	323.84	1+700
315.043	323.73	
315.057	323.55	1+720
315.071	323.33	
315.086	323.06	1+740
315.100	322.74	
315.114	322.46	1+760
315.128	322.18	
315.142	321.94	1+780
315.156	321.75	
315.233	321.57	1+800
315.249	321.43	
315.266	321.30	1+820
315.283	321.20	
315.299	321.11	1+840
315.316	321.04	
315.332	320.99	1+860
315.349	320.96	
315.366	320.95	1+880
315.382	320.94	
315.399	320.92	1+900
315.416	320.87	
315.432	320.79	1+920
315.449	320.70	
315.466	320.61	1+940
315.482	320.53	
315.499	320.48	1+960
315.516	320.43	
315.532	320.37	1+980
315.549	320.36	
315.566	320.37	2+000
315.582	320.36	
315.599	320.33	2+020
315.616	320.35	
315.632	320.38	2+040
315.649	320.44	
315.666	320.53	2+060
315.682	320.63	
315.699	320.73	2+080
315.716	320.75	
315.732	320.80	2+100
315.749	320.91	
315.766	321.01	2+120
315.782	321.09	
315.799	321.14	2+140
315.816	321.17	
315.832	321.22	2+160
315.849	321.29	
315.866	321.36	2+180
315.882	321.44	
315.899	321.51	2+200
315.976	321.54	
315.992	321.52	2+220
316.009	321.43	
316.025	321.30	2+240
316.042	321.14	
316.058	320.99	2+260
316.075	320.85	
316.092	320.72	2+280
316.108	320.62	
316.125	320.57	2+300
316.141	320.54	
316.158	320.51	2+320
316.175	320.45	
316.191	320.38	2+340
316.208	320.32	
316.224	320.26	2+360
316.241	320.19	
316.257	320.11	2+380

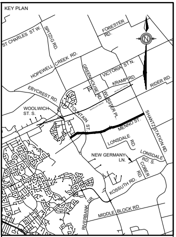



CC_07 (6)
1200mmØ
MH1607 (6)
1200mmØ
LS 01
1200mmØ
EX. 600 mmØ PVC
Invert Level - 317.875
31.0m-525mmØ SAN @ 1.90%
880.8m-600mmØ SAN @ 0.43%
2+400
2+420
2+440
2+460
2+480
2+500
2+520
2+540
2+560
2+580
2+600
2+620
2+640
2+660
2+680
2+700
2+720
2+740
2+760
2+780
2+800
2+820
2+840
2+860
2+880
2+900
2+920
2+940
2+960
2+980
3+000
3+020
3+040
3+060
3+080
3+100
3+120
3+140
3+160
3+180
3+200
3+220
3+240
3+260
3+280
3+300
3+320

SHANTZ STATION RD.
PIN:222510149.580 MENNO STREET
PIN:222510146.668 MENNO ST.


SHANTZ STATION RD.
MH1609 (6)
1200mmØ
475.3m-600mmØ SAN @ 0.16%

KEY PLAN


ST CHARLES ST W.
SPITZIG RD.
FORESTER RD.
HOPEWELL CREEK RD.
GREENHOUSE RD.
VICTORIA ST N.
KRAMP RD.
RIDER RD
EBYCREST RD.
WOOLWICH ST. S.
FOUNTAIN ST.
WEBSTER PL.
MENNO ST.
SHANTZ STATION RD.
LONSDALE RD.
NEW GERMANY LN.
LONSDALE RD. S
COBER RD.
KOSSUTH RD.
RIVERBANK DR.
MIDDLE BLOCK RD.

LEGEND

— · — · —	Property lines
───	Watercourse
– – –	Watercourse Buffer
───	Wetland
───	Wetland Buffer (15m)
· · · · ·	GRCA Regional Flood Line
⌒⌒⌒	Woodland
───	RMW Core Feature
───	Minor Contour (0.25m)
───	Major contour (1.0m)
┬┬┬	Top of Bank
- - -	Bottom of Bank
───	Existing Sanitary
───	Existing Watermain
───	Existing Storm
– – –	Proposed SAN (Alt#7)

WOOLWICH TOWNSHIP

Associated Engineering

PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

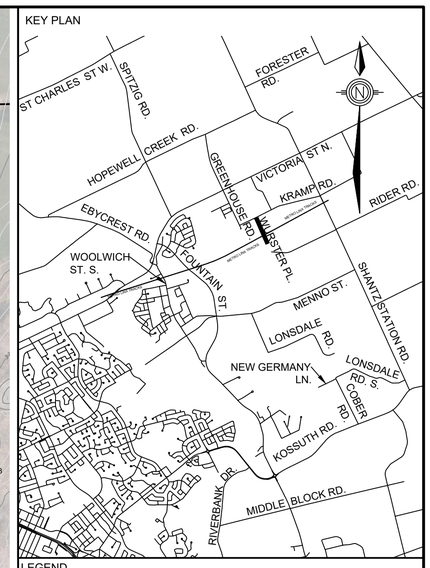
MENNO ST. - WOOLWICH ST. S. TO SHANTZ STATION RD.

STA: 0+000 TO 3+806

PRELIMINARY/ FOR DISCUSSION
NOT FOR CONSTRUCTION

DRAWN BY:	N.C.		
CHECKED BY:	D.L.		
DATE:	October 8, 2024		
HORIZONTAL SCALE:	1:1000	VERTICAL SCALE:	1:200
SHEET NO:	10 OF 26	DWG NO:	C-108

Q:\2023-5737-00\CIVL\MODEL_SHEETS\5737-00-C-101-116.DWG

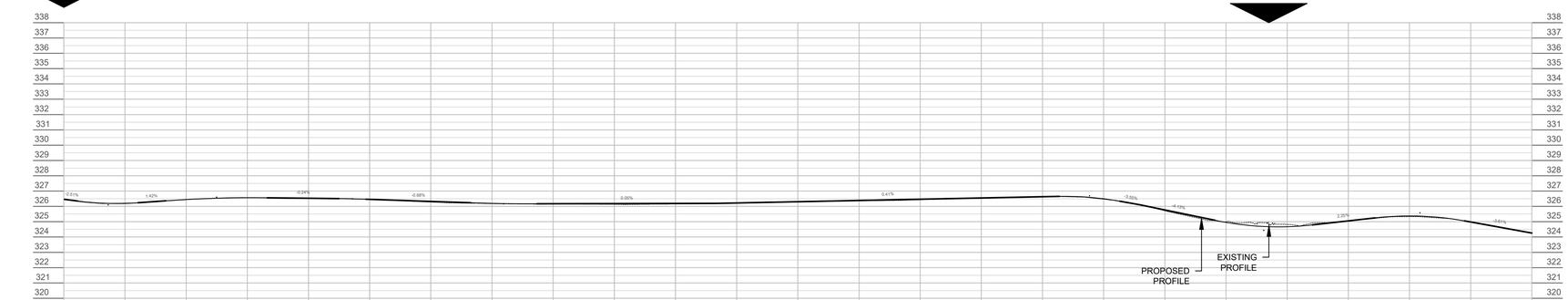


LEGEND

- Property lines
- Watercourse
- Watercourse Buffer
- Wetland
- Wetland Buffer (15m)
- GRCA Regional Flood Line
- Woodland
- RMW Core Feature
- Minor Contour (0.25m)
- Major contour (1.0m)
- Top of Bank
- Bottom of Bank
- Existing Sanitary
- Existing Watermain
- Existing Storm
- Proposed SAN (Alt#7)

KRAMP RD.

METROLINX TRACKS



STATION	EXISTING CL ELEVATION	PROPOSED INV. OF SAN
0+000	326.22	319.031
0+020	326.21	319.012
0+040	326.31	318.993
0+060	326.44	318.975
0+080	326.54	318.956
0+100	326.57	318.938
0+120	326.56	318.919
0+140	326.55	318.900
0+160	326.52	318.882
0+180	326.46	318.863
0+200	326.38	318.844
0+220	326.28	318.826
0+240	326.22	318.807
0+260	326.18	318.789
0+280	326.16	318.770
0+300	326.15	318.751
0+320	326.15	318.733
0+340	326.13	318.714
0+360	326.14	318.695
0+380	326.15	318.677
0+400	326.18	318.658
0+420	326.24	318.640
0+440	326.29	318.621
0+460	326.33	318.602
0+480	326.37	318.584
	326.37	318.565
	326.38	318.546
	326.43	318.528
	326.53	318.509
	326.55	318.491
	326.61	318.472
	326.64	318.453
	326.62	318.435
	326.47	318.416
	326.17	318.397
	325.71	318.379
	325.27	318.360
	324.99	318.341
	324.88	318.323
	324.82	318.304
	324.93	318.286
	325.05	318.267
	325.24	318.248
	325.33	318.230
	325.24	318.211
	324.99	318.192
	324.65	318.174
		318.155

WOOLWICH TOWNSHIP

Associated Engineering

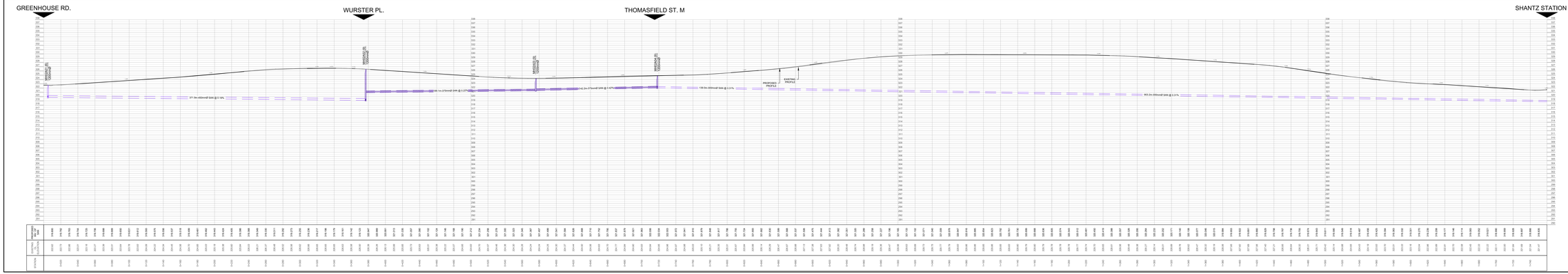
PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

WURSTER PL. - KRAMP RD. TO CNR/METROLINX

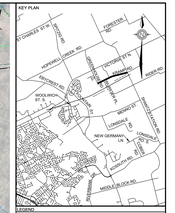
STA: 0+000 TO 0+480

PRELIMINARY/ FOR DISCUSSION
NOT FOR CONSTRUCTION

DRAWN BY:	N.C.		
CHECKED BY:	D.L.		
DATE:	October 10, 2024		
HORIZONTAL SCALE:	1:1000	VERTICAL SCALE:	1:200
SHEET NO:	13 OF 26	DWG NO:	C-111



KEY PLAN



LEGEND

- Property lines
- Watermain
- Watermain Buffer
- Wetland
- Wetland Buffer (15m)
- GRCA Regional Flood Line
- Woodland
- RMA Core Feature
- Minor Contour (0.25m)
- Major contour (1.0m)
- Top of Bank
- Bottom of Bank
- Existing Sanitary
- Existing Watermain
- Existing Storm
- Proposed SAN (HMT)

WOOLWICH TOWNSHIP

Associated Engineering

PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

KRAMP RD. - GREEN HOUSE RD. TO SHANTZ STATION RD.

0+000 TO 1+760

PRELIMINARY/ FOR DISCUSSION
NOT FOR CONSTRUCTION

DRAWN BY:	N.C.
CHECKED BY:	D.L.
DATE:	October 10, 2024
HORIZONTAL SCALE:	1:1000
VERTICAL SCALE:	1:200
SHEET NO:	14 OF 26
DWG NO:	C-112

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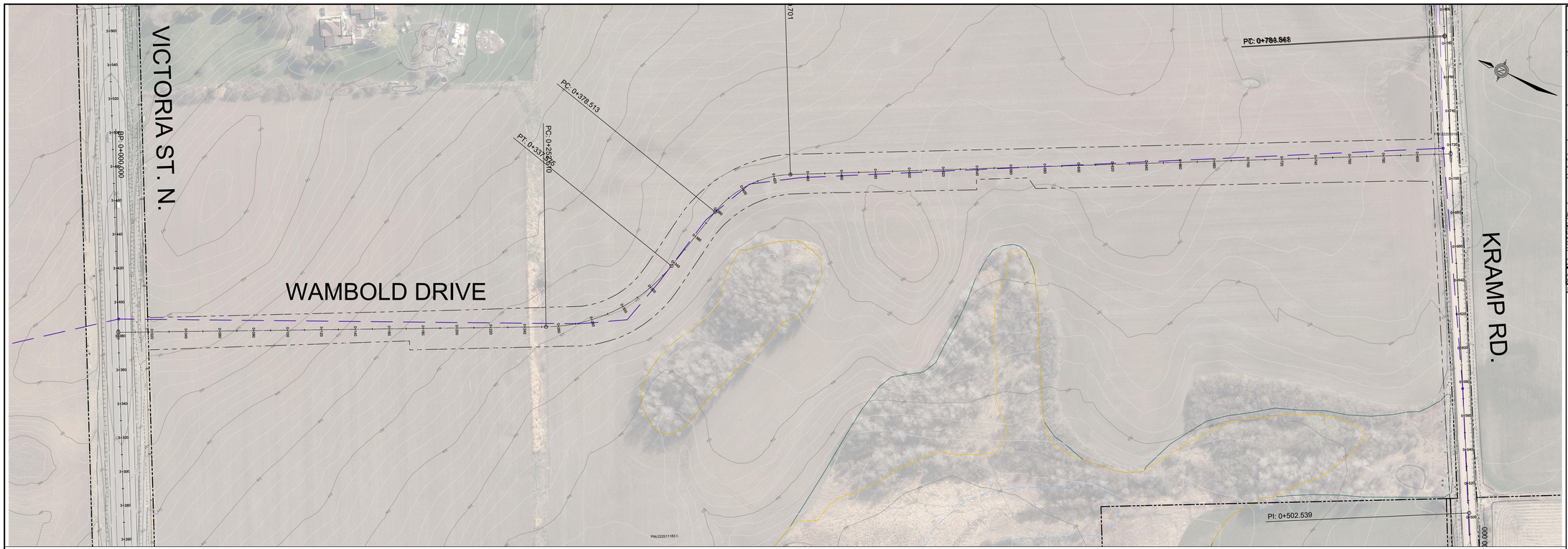
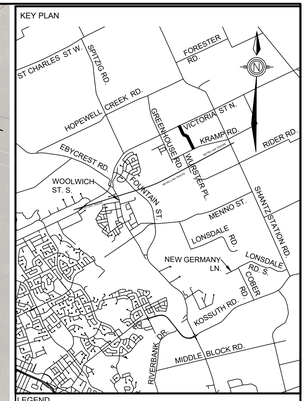


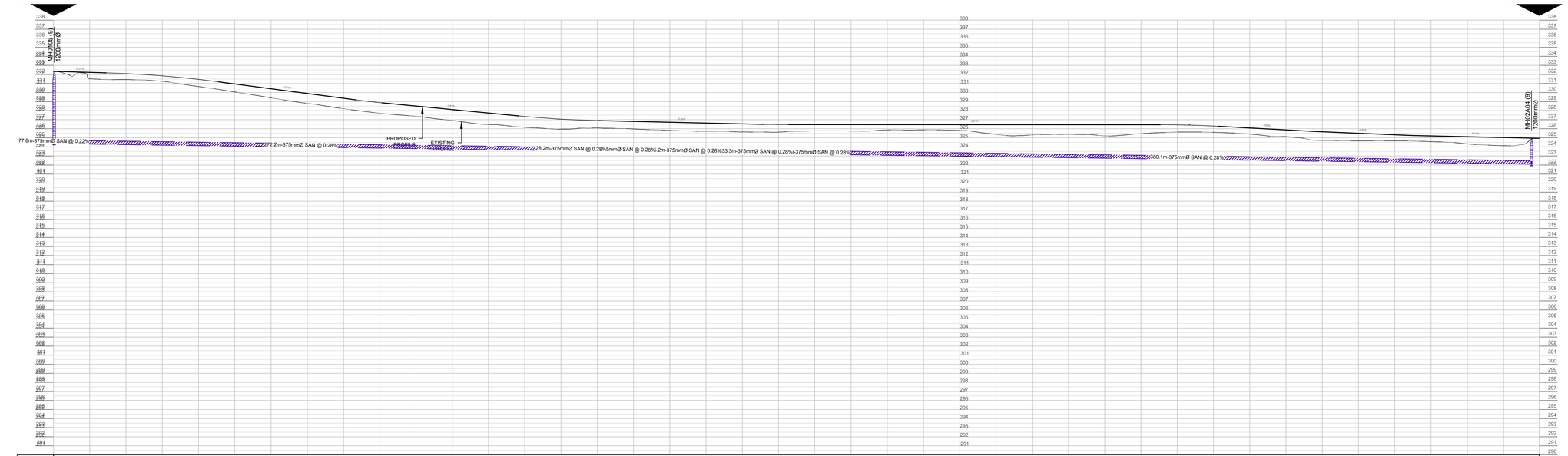


LEGEND

- Property lines
- Watercourse
- Watercourse Buffer
- Wetland
- Wetland Buffer (15m)
- GRCA Regional Flood Line
- Woodland
- RMW Core Feature
- Minor Contour (0.25m)
- Major contour (1.0m)
- Top of Bank
- Bottom of Bank
- Existing Sanitary
- Existing Watermain
- Existing Storm
- Proposed SAN (Alt#7)

VICTORIA ST. N.

KRAMP RD.



STATION	EXISTING CL ELEVATION	PROPOSED INV. OF SAN
0+000	331.78	324.333
0+020	331.52	324.306
0+040	331.43	324.278
0+060	331.44	324.250
0+080	331.38	324.222
0+100	331.24	324.195
0+120	330.96	324.167
0+140	330.66	324.139
0+160	330.38	324.111
0+180	330.07	324.084
0+200	329.75	324.056
0+220	329.47	324.028
0+240	329.09	324.001
0+260	328.87	323.973
0+280	328.61	323.945
0+300	328.22	323.917
0+320	327.95	323.890
0+340	327.72	323.862
0+360	327.54	323.834
0+380	327.38	323.806
0+400	327.13	323.779
0+420	326.92	323.751
0+440	326.65	323.723
0+460	326.46	323.696
0+480	326.34	323.668
0+500	326.16	323.640
0+520	326.06	323.612
0+540	325.93	323.585
0+560	326.06	323.557
0+580	326.10	323.529
0+600	326.04	323.501
0+620	325.98	323.474
0+640	325.89	323.446
0+660	325.82	323.418
0+680	325.75	323.391
0+700	325.73	323.363
0+720	325.71	323.335
0+740	325.65	323.307
0+760	325.64	323.280
0+780	325.63	323.252
0+800	325.73	323.224
0+820	325.77	323.195
	325.78	323.169
	325.75	323.141
	325.75	323.113
	325.87	323.085
	325.88	323.058
	325.88	323.030
	325.87	323.002
	325.83	322.975
	325.82	322.947
	325.36	322.919
	325.22	322.891
	325.32	322.864
	325.38	322.836
	325.37	322.808
	325.37	322.780
	325.21	322.753
	325.30	322.725
	325.45	322.697
	325.57	322.670
	325.64	322.642
	325.64	322.614
	325.61	322.586
	325.54	322.559
	325.47	322.531
	325.21	322.503
	325.13	322.475
	324.94	322.448
	324.72	322.420
	324.69	322.392
	324.66	322.365
	324.67	322.337
	324.67	322.309
	324.64	322.281
	324.58	322.254
	324.51	322.226
	324.33	322.198
	324.21	322.170
	324.13	322.143
	324.24	322.115

WOOLWICH TOWNSHIP

Associated Engineering

PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

WAMBOLD DRIVE - VICTORIA ST. N. TO KRAMP RD.

STA: 0+000 TO 0+820

PRELIMINARY/ FOR DISCUSSION
NOT FOR CONSTRUCTION

DRAWN BY:	N.C.		
CHECKED BY:	D.L.		
DATE:	October 11, 2024		
HORIZONTAL SCALE:	1:1000	VERTICAL SCALE:	1:200
SHEET NO:	16 OF 23	DWG NO:	C-114

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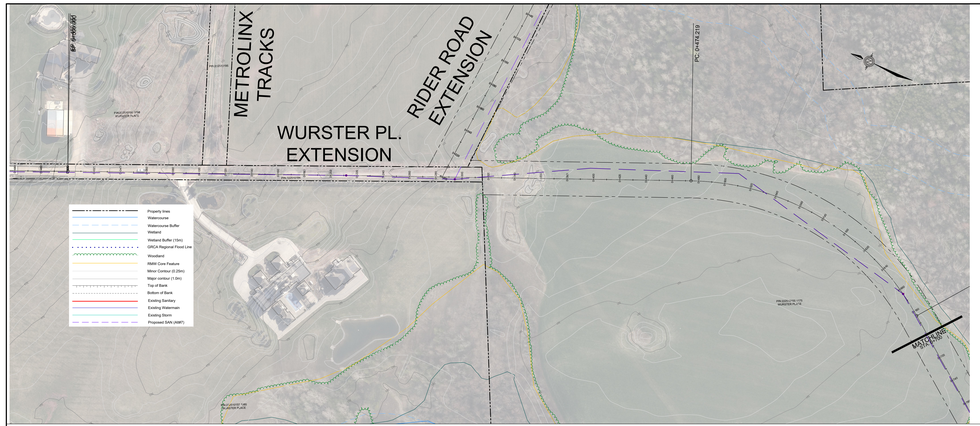
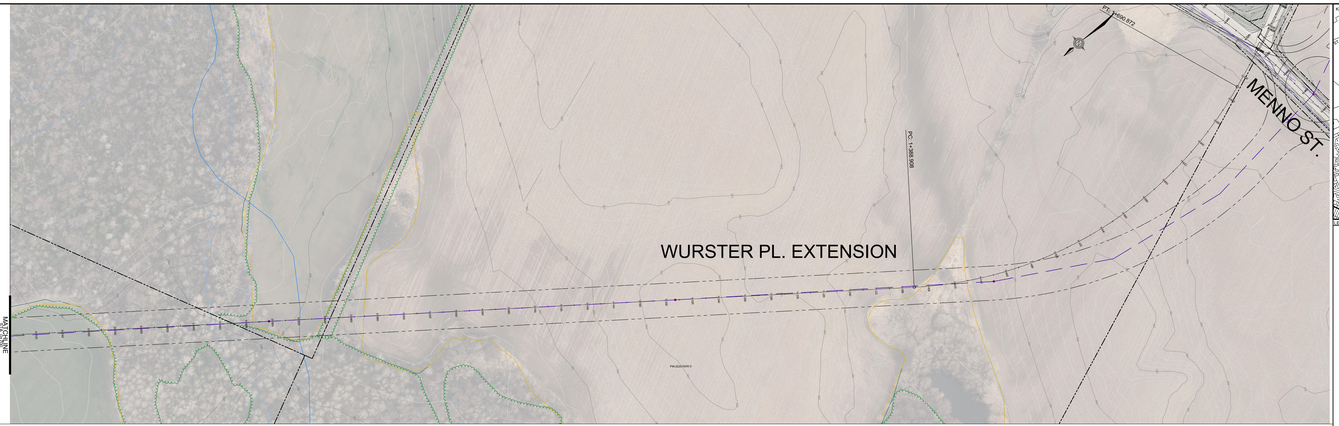
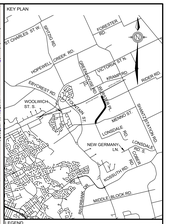
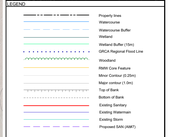
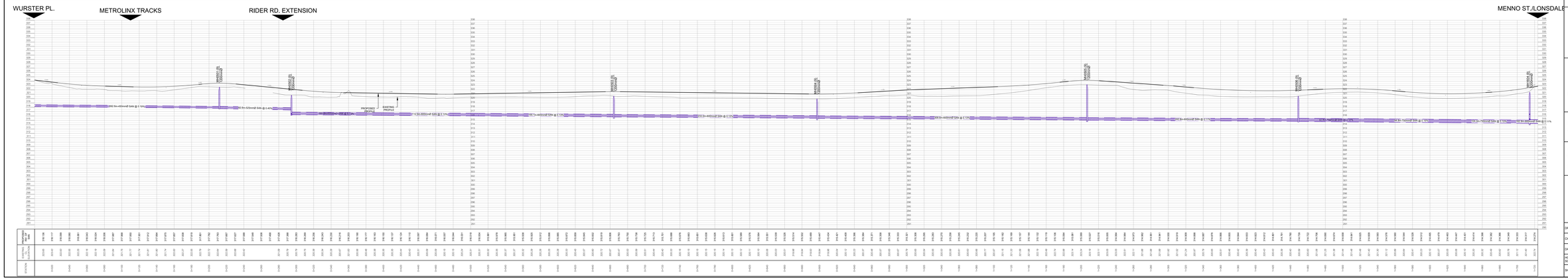

METROLINX TRACKS
RIDER ROAD EXTENSION
WURSTER PL. EXTENSION
PC: 0+476.219
MATCHLINE
Property lines
Watercourse
Watercourse Buffer
Wetland
Wetland Buffer (15m)
GRCA Regional Flood Line
Woodland
RMM Core Feature
Minor Contour (0.25m)
Major contour (1.0m)
Top of Bank
Bottom of Bank
Existing Sanitary
Existing Watermain
Existing Storm
Proposed SAN (AMT)

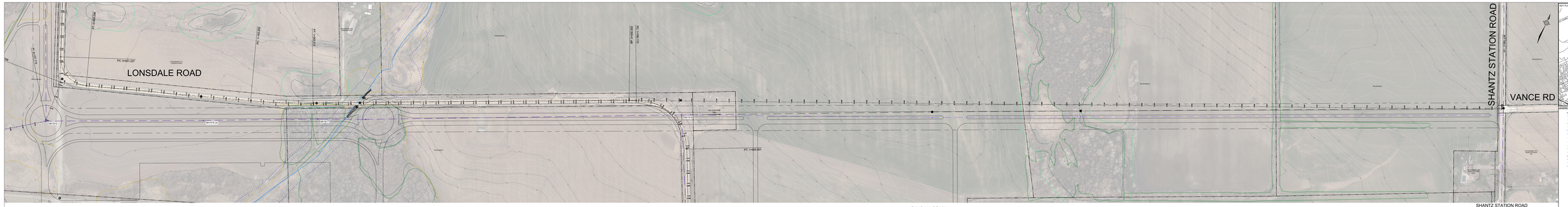

WURSTER PL. EXTENSION
PC: 1+388.808
MENNO ST.
MATCHLINE

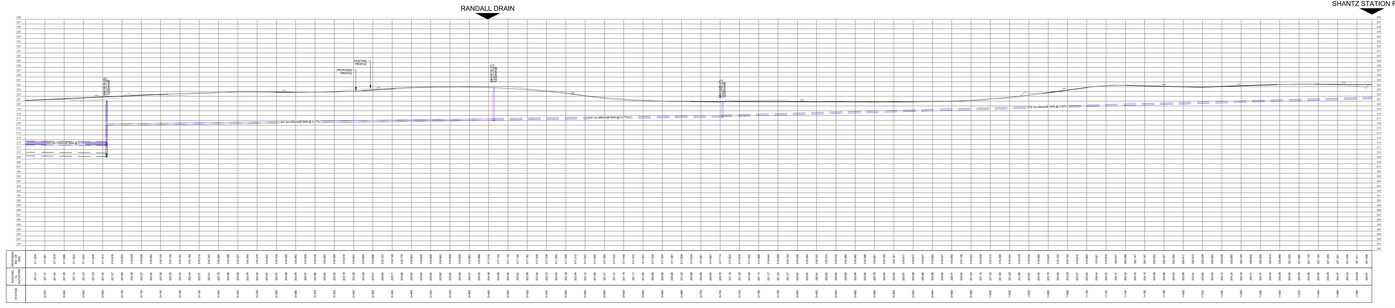
KEY PLAN

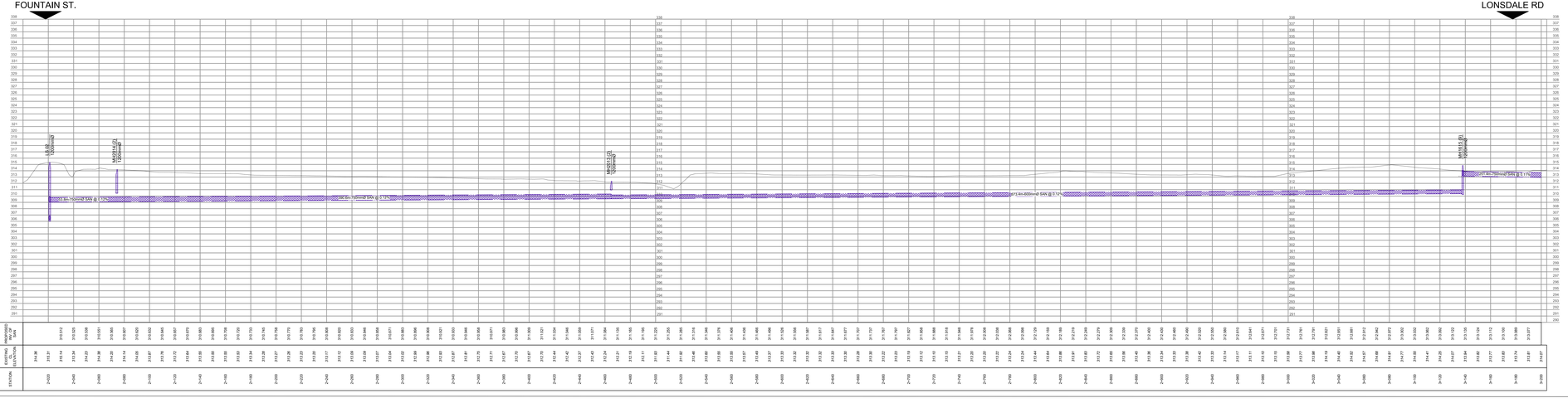

WOOLWICH ST S
NEW GERMANY RD
MENNO ST
WURSTER PL
RIDER RD
METROLINX
CONCESSION ST W
CONCESSION ST E
MIDDLE BLOCK RD
CHRISTNER DR
LEGEND


Property lines
Watercourse
Watercourse Buffer
Wetland
Wetland Buffer (15m)
GRCA Regional Flood Line
Woodland
RMM Core Feature
Minor Contour (0.25m)
Major contour (1.0m)
Top of Bank
Bottom of Bank
Existing Sanitary
Existing Watermain
Existing Storm
Proposed SAN (AMT)

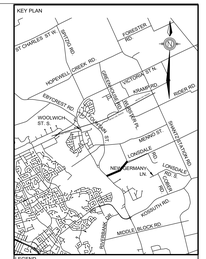

WURSTER PL.
METROLINX TRACKS
RIDER RD. EXTENSION
MENNO ST./LONSDALE
PROPOSED PROFILE
EXISTING PROFILE
MANHOLE (S) 0+000.000
MANHOLE (S) 0+476.219
MANHOLE (S) 0+888.808
MANHOLE (S) 1+388.808
MANHOLE (S) 1+723.000
PROPOSED 375mm Ø SAN @ 0.40%
PROPOSED 450mm Ø SAN @ 0.15%
PROPOSED 525mm Ø SAN @ 0.40%
PROPOSED 600mm Ø SAN @ 0.15%
PROPOSED 675mm Ø SAN @ 0.15%
PROPOSED 750mm Ø SAN @ 0.15%
PROPOSED 825mm Ø SAN @ 0.15%
PROPOSED 900mm Ø SAN @ 0.15%
PROPOSED 1050mm Ø SAN @ 0.15%
PROPOSED 1200mm Ø SAN @ 0.15%
PROPOSED 1350mm Ø SAN @ 0.15%
PROPOSED 1500mm Ø SAN @ 0.15%
PROPOSED 1650mm Ø SAN @ 0.15%
PROPOSED




RANDALL DRAIN
SHANTZ STATION ROAD
PROPOSED 750mm DIA. HDPE
EXISTING 1200mm DIA. CSP
EXISTING 1200mm DIA. CSP
EXISTING 1200mm DIA. CSP
EXISTING GROUND
PROPOSED WATER MAIN
0.5% for 600mm dia. CSP
0.5% for 600mm dia. CSP
0.5% for 600mm dia. CSP



KEY PLAN



LEGEND

- Property lines
- Watercourse
- Watercourse Buffer
- Wetland
- Wetland Buffer (15m)
- GRCA Regional Flood Line
- Woodland
- RMN Core Feature
- Minor Contour (0.25m)
- Major contour (1.0m)
- Top of Bank
- Bottom of Bank
- Existing Sanitary
- Existing Watermain
- Existing Storm
- Proposed SAN (AMIT)

WOOLWICH TOWNSHIP

Associated Engineering

PROJECT: EAST SIDE LANDS - WOOLWICH SANITARY PS EA

AIRPORT - LONSDALE ROAD TO FOUNTAIN ST. N. ALONG JELLINER COURT STA:2+000 TO 3+199

PRELIMINARY/ FOR DISCUSSION
NOT FOR CONSTRUCTION

DRAWN BY:	N.C.
CHECKED BY:	D.L.
DATE:	October 16, 2024
HORIZONTAL SCALE:	1:1000
VERTICAL SCALE:	1:200
SHEET NO:	23 OF 23
DWG NO:	C-123

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