CADD FILE NAME: C:\Users\nanagiriy\DC\ACCDocs\EXP\OTT-21002696-C0 - YNSE\Project Files\02_Work In Progress (WIP)\EXP\GIMP-GEO0\Sheets\325436-NECD-SWZ-TWDZ-DPL-GEO1-00027.dwg

Attachment "2"

LEGEND:

- BUILDING MONITORING POINT (BMP)
- SURFACE MONITORING POINT (SMP)
- REFLECTOR-LESS POINT (RP)
- SETTLEMENT CONTOURS
- GROUND MONITORING POINT (GMP)
- AUTOMATED TOTAL STATION (AMTS) POLE
- SHAPE ACCELEROMETER ARRAY
- SURFACE MONITORING POINT (SMP), Type 4-1
- MULTI-POINT BOREHOLE EXTENSOMETER (MPBX)
- IN-GROUND MONITORING POINT
- RAIL MONITORING POINT
- INCLINOMETER
- UTILITY MONITORING POINT (UMP)
- VIBRATING WIRE PIEZOMETER (VWP)
- APPROX. ZONE OF INFLUENCE (ZOI)
- CRITICAL INFRASTRUCTURE WITHIN ZOI
- FULL ARRAY
- PILE TARGET POINT (PTP)
- LOAD CELL (LCE)
- VIBRATING WIRE STRAIN GAUGES

METRIC

ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.

MATCHLINE TWDZ-DPL-GEO1-00026 FOR CONTINUATION SEE DWG. TWDZ-DPL-GEO1-00028

MATCHLINE TWDZ-DPL-GEO1-00028 FOR CONTINUATION SEE DWG. TWDZ-DPL-GEO1-00026

TUNNEL ALIGNMENT CL SOUTHBOUND

TUNNEL ALIGNMENT CL NORTHBOUND

REFERENCE LINE

CP-6

FUTURE CROSS PASSAGE No. 6

THORNY BRAE DRIVE

ARY-T1-TS06-002

ARY-T2-TS06-008

183 BAY THORN DR ID 192

179 BAY THORN DR ID 193

177 BAY THORN DR ID 194

41 THORNY BRAE DR ID 195

39 THORNY BRAE DR ID 196

34 THORNY BRAE DR ID 198

32 THORNY BRAE DR ID 199

30 THORNY BRAE DR ID 200

5 BANQUO RD ID 201

3 BANQUO RD ID 202

35 THORNY BRAE DR ID 192

BMP-TS06-262, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 293, 294, 295, 296, 297, 298, 299, 300, 303, 304, 305, 306, 307, 308, 309

GMP-TS06-037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065

UMP-WM-TS06-005, 006, 007, 008, 009

UMP-STM-TS06-033, 034, 035, 036, 037, 038, 039

UMP-SAN-TS06-017, 018

MPBX-TS06-030, 032

RP-S-TS06-294, 295

RP-C-TS06-219

RP-N-TS06-301, 302

6+160, 6+200, 6+220, 6+240, 6+260, 6+280, 6+300, 6+320, 6+340, 6+360

ALL COORDINATES SHOWN IN THE DRAWINGS ARE BASED ON THE PROJECT SPECIFIC YNSE2019, BASED ON THE NAD27-74 MTM Z10 ADJUSTMENT HORIZONTAL DATUM AND CGVD28 :PRE78 ADJUSTMENT VERTICAL DATUM UNLESS NOTED OTHERWISE.

KEYPLAN - NTS

- RC&S BUILDING / TPSS-6
- TRAIN STORAGE FACILITY
- HIGH TECH STATION TPSS-5
- BRIDGE STATION
- LAUNCH SHAFT / PORTAL
- EEB-6
- EEB-5
- ROYAL ORCHARD STATION / TPSS-4
- EEB-4
- TPSS-3
- CLARK STATION
- EEB-3
- TPSS-02
- STEELES STATION
- EEB-2
- FINCH TRANS. STRUC./ EEB-1 TPSS-1

STATION / ANCILLARY STRUCTURE

LOCATION INDICATOR

SITE EXTENT

PLAN

(STA - 6+160 TO STA - 6+360)

1

TWDZ-DPL-GEO1-00027

REVISIONS		REVISIONS
C01	2026-09-30	
ISSUED FOR CONSTRUCTION		

ISSUED FOR CONSTRUCTION

SCALE(S) 1:300 0 2 4 6 8 10 12m

NORTH END CONNECTORS

LICENSED PROFESSIONAL ENGINEER 2026/09/30 X. L ZHENG 100100491 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER 2026/09/30 A. R. HAIGHTON PROVINCE OF ONTARIO

DESIGNED	E. CHENG	2026/09/30
DRAWN	Y. NANAGIRI	2026/09/30
CHECKED	A. HAIGHTON	2026/09/30
APPROVED	J. ZHENG	2026/09/30

ADVANCE TUNNEL YNSE

BORED TUNNEL GIMP

DRAWING PLAN STA. 6+160 TO STA. 6+360

Plot Date: 2026/09/30

METROLINX

Dwg. No.	Sheet No.
325436-NECD-SWZ-TWDZ-DPL-GEO1-00027	28 of 86

SHEET No. 325436-NECD-SWZ-TWDZ-DPL-GEO1-00027

DRAWING No. 325436-NECD-SWZ-TWDZ-DPL-GEO1-00027

BLDG. REF. No.

Attachment "2"

TABLE 7.0 SUMMARY OF RESPONSE LEVELS FOR UTILITY MONITORING POINT (UMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR UMP

STATION	INSTRUMENT ID	NORTHING	EASTING	UTILITY TYPE/MATERIAL	APPROXIMATE DEPTH (m)	JOINT ROTATION REVIEW	JOINT ROTATION ALERT	JOINT SLIP (mm)	TENSILE STRAIN ε, 10^{-6}	TENSILE STRAIN ε, %	SETTLEMENT REVIEW (mm)	SETTLEMENT ALERT (mm)	REMARKS
3+670	UMP-CL-WM-36	4851717.405	311005.349	DI	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+390	UMP-CL-STM-37	4851445.204	311060.632	concrete	--	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+410	UMP-CL-STM-38	4851464.487	311057.177	concrete	--	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+415	UMP-CL-STM-39	4851471.821	311066.865	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+390	UMP-CL-STM-40	4851446.756	311083.498	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+405	UMP-CL-STM-41	4851461.520	311080.844	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+422	UMP-CL-STM-42	4851478.729	311077.751	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+442	UMP-CL-STM-43	4851498.427	311074.288	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+465	UMP-CL-STM-44	4851525.212	311076.778	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+488	UMP-CL-STM-46	4851548.917	311080.615	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+565	UMP-CL-STM-50	4851625.817	311072.590	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+582	UMP-CL-STM-51	4851644.198	311068.015	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+635	UMP-CL-STM-56	4851680.781	311031.094	HDPE	--	0.0038	0.0068	25	N/A	N/A	10	20	450mm
3+635	UMP-CL-STM-57	4851682.969	311017.939	concrete	--	0.0104	0.0188	25	N/A	N/A	10	20	600mm
3+650	UMP-CL-STM-58	4851705.316	311014.021	concrete	--	0.0104	0.0188	25	N/A	N/A	10	20	600mm
3+672	UMP-CL-STM-59	4851722.443	311011.095	concrete	--	0.0104	0.0188	25	N/A	N/A	10	20	600mm
3+390	UMP-CL-WM-60	4851450.254	311089.177	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+408	UMP-CL-WM-61	4851469.874	311085.293	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+430	UMP-CL-WM-62	4851489.512	311081.340	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+450	UMP-CL-WM-63	4851509.716	311075.736	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+490	UMP-CL-WM-66	4851552.586	311073.664	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+515	UMP-CL-WM-67	4851574.286	311070.043	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+555	UMP-CL-WM-69	4851610.458	311059.185	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+580	UMP-CL-WM-70	4851630.650	311055.811	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+638	UMP-CL-WM-75	4851693.227	311044.000	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+655	UMP-CL-WM-76	4851711.416	311041.913	PVC	--	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+632	UMP-CL-GAS-88	4851688.888	311051.194	SC	--	0.0038	0.0068	10	N/A	N/A	25	50	300mm
3+633	UMP-CL-GAS-89	4851695.111	311070.201	SC	--	0.0038	0.0068	10	N/A	N/A	25	50	300mm
3+663	UMP-TS05-WM-001	4851716.408	311034.249	concrete	2.2	0.0250	0.0450	25	N/A	N/A	10	20	250mm
3+675	UMP-STM-TS05-001	4851728.998	311033.144	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+675	UMP-GAS-TS05-001	4851728.570	311035.610	PVC	2.3	N/A	N/A	N/A	450	0.045	25	50	110mm
3+695	UMP-SAN-TS05-001	4851750.251	311029.920	concrete	3.9	0.0313	0.0563	25	N/A	N/A	10	20	200mm
3+698	UMP-TS05-WM-002	4851750.858	311027.950	concrete	1.7	0.0250	0.0450	25	N/A	N/A	10	20	250mm
3+700	UMP-STM-TS05-002	4851748.590	311007.225	concrete	2.8	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+708	UMP-TS05-WM-003	4851756.808	310999.729	DI	1.5	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+715	UMP-GAS-TS05-002	4851768.737	311028.344	PVC	2.3	N/A	N/A	N/A	450	0.045	25	50	110mm
3+732	UMP-TS05-WM-004	4851780.686	310995.577	DI	1.5	0.0038	0.0068	25	N/A	N/A	10	20	300mm
3+748	UMP-TS05-WM-005	4851799.942	311018.974	concrete	1.5	0.0250	0.0450	25	N/A	N/A	10	20	250mm
3+748	UMP-SAN-TS05-002	4851799.837	311020.982	concrete	3.8	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+785	UMP-STM-TS05-003	4851835.326	311013.464	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+785	UMP-STM-TS05-004	4851832.381	310993.171	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+795	UMP-SAN-TS05-003	4851849.951	311013.016	concrete	4.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+798	UMP-TS05-WM-006	4851849.681	311009.890	concrete	1.5	0.0250	0.0450	25	N/A	N/A	10	20	250mm
3+800	UMP-TS05-WM-007	4851847.621	310983.986	DI	1.5	0.0250	0.0450	25	N/A	N/A	10	20	300mm
3+840	UMP-TS05-WM-008	4851886.058	310977.261	DI	1.5	0.0250	0.0450	25	N/A	N/A	10	20	300mm
3+843	UMP-STM-TS05-005	4851893.747	311004.094	concrete	4.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+843	UMP-STM-TS05-006	4851891.313	310983.334	concrete	3.4	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+865	UMP-STM-TS05-008	4851912.530	310979.949	concrete	2.9	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+868	UMP-SAN-TS05-004	4851917.829	311000.604	concrete	5.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+872	UMP-STM-TS05-007	4851923.364	310998.458	concrete	2.7	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+898	UMP-SAN-TS05-005	4851948.177	310995.428	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+905	UMP-STM-TS05-009	4851953.467	310992.675	concrete	3.2	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+905	UMP-STM-TS05-010	4851951.093	310973.201	concrete	3.4	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+940	UMP-SAN-TS05-006	4851990.384	310988.284	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+942	UMP-STM-TS05-011	4851990.955	310985.847	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+980	UMP-SAN-TS05-007	4852031.018	310981.208	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+982	UMP-STM-TS05-012	4852031.436	310979.114	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
3+982	UMP-STM-TS05-013	4852025.578	310960.737	concrete	2.4	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+018	UMP-STM-TS05-014	4852065.899	310973.923	concrete	2.6	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+020	UMP-STM-TS05-015	4852064.016	310954.292	concrete	2.3	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+077	UMP-STM-TS05-017	4852118.884	310944.722	concrete	2.8	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+078	UMP-STM-TS05-016	4852124.942	310966.340	concrete	3.3	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+104	UMP-SAN-TS05-008	4852151.262	310961.521	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+105	UMP-STM-TS05-018	4852146.837	310938.213	concrete	2.3	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+110	UMP-STM-TS05-019	4852157.689	310965.885	concrete	2.8	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+130	UMP-STM-TS05-020	4852179.593	310956.178	concrete	3.2	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+138	UMP-SAN-TS05-009	4852184.564	310953.798	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+170	UMP-STM-TS05-021	4852211.739	310930.270	concrete	3.1	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+177	UMP-TS05-WM-009	4852222.150	310940.311	CI	1.5	N/A	N/A	N/A	450	0.045	10	20	150mm
4+182	UMP-SAN-TS05-010	4852227.531	310945.466	concrete	3.2	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+188	UMP-STM-TS05-022	4852233.488	310946.475	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+205	UMP-GAS-TS05-003	4852249.166	310934.922	Steel	1.2	N/A	N/A	N/A	450	0.045	25	50	50mm
4+205	UMP-GAS-TS05-004	4852247.850	310925.900	Steel	1.2	N/A	N/A	N/A	450	0.045	25	50	50mm
4+207	UMP-TS05-WM-010	4852252.405	310938.286	concrete	2.2	0.0250	0.0450	25	N/A	N/A	10	20	250mm
4+210	UMP-STM-TS05-023	4852255.334	310923.563	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+241	UMP-SAN-TS05-011	4852286.674	310935.644	concrete	3.2	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+250	UMP-TS05-WM-011	4852295.593	310942.732	concrete	2.7	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+250	UMP-STM-TS05-024	4852297.701	310936.301	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+253	UMP-TS05-WM-012	4852296.959	310930.564	concrete	2.2	0.0250	0.0450	25	N/A	N/A	10	20	250mm
4+262	UMP-GAS-TS05-005	4852307.247	310929.444	PVC	1.8	N/A	N/A	N/A	450	0.045	25	50	110mm
4+265	UMP-GAS-TS05-006	4852312.619	310950.040	PVC	2.0	N/A	N/A	N/A	450	0.045	25	50	110mm
4+270	UMP-STM-TS05-025	4852311.020	310914.770	concrete	3.3	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+280	UMP-TS05-WM-013	4852322.987	310913.542	concrete	1.8	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+288	UMP-STM-TS05-026	4852332.178	310930.759	concrete	2.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+298	UMP-GAS-TS05-007	4852343.598	310945.716	PVC	2.5	N/A	N/A	N/A	450	0.045	25	50	110mm
4+298	UMP-GAS-TS05-008	4852339.253	310923.958	PVC	1.8	N/A	N/A	N/A	450	0.045	25	50	110mm

TABLE 7.0 SUMMARY OF RESPONSE LEVELS FOR UTILITY MONITORING POINT (UMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR UMP

STATION	INSTRUMENT ID	NORTHING	EASTING	UTILITY TYPE/MATERIAL	APPROXIMATE DEPTH (m)	JOINT ROTATION REVIEW	JOINT ROTATION ALERT	JOINT SLIP (mm)	TENSILE STRAIN ε, 10^{-6}	TENSILE STRAIN ε, %	SETTLEMENT REVIEW (mm)	SETTLEMENT ALERT (mm)	REMARKS
4+460	UMP-STM-TS06-001	4852503.654	310904.277	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+465	UMP-STM-TS06-002	4852508.076	310892.543	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+470	UMP-STM-TS06-003	4852508.017	310883.805	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+475	UMP-STM-TS06-004	4852511.501	310870.605	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+480	UMP-STM-TS06-005	4852515.834	310862.312	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+520	UMP-STM-TS06-006	4852562.229	310893.457	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+520	UMP-STM-TS06-007	4852558.246	310874.690	concrete	2.7	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+560	UMP-STM-TS06-008	4852601.794	310886.992	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+560	UMP-STM-TS06-009	4852597.871	310868.552	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+610	UMP-STM-TS06-010	4852652.426	310878.365	concrete	4.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+610	UMP-STM-TS06-011	4852648.869	310860.026	concrete	4.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+680	UMP-STM-TS06-012	4852719.393	310867.531	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+680	UMP-STM-TS06-013	4852717.388	310845.024	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+720	UMP-STM-TS06-014	4852759.670	310860.401	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+720	UMP-STM-TS06-015	4852756.056	310838.913	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+783	UMP-STM-TS06-016	4852822.437	310850.030	concrete	2.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+783	UMP-STM-TS06-017	4852818.582	310830.100	concrete	2.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+855	UMP-STM-TS06-018	4852892.409	310837.264	concrete	4.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+855	UMP-STM-TS06-019	4852889.320	310819.759	concrete	4.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+940	UMP-STM-TS06-020	4852978.369	310824.006	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+940	UMP-STM-TS06-021	4852974.516	310806.064	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+980	UMP-STM-TS06-022	4853017.086	310816.108	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
4+980	UMP-STM-TS06-023	4853014.978	310799.372	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+031	UMP-STM-TS06-024	4853067.927	310826.645	concrete	1.4	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-001	4853071.088	310832.981	concrete	6.8	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-002	4853069.702	310823.806	concrete	6.9	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-003	4853070.129	310813.633	concrete	7.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-004	4853068.709	310803.764	concrete	7.1	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-005	4853065.195	310794.390	concrete	7.3	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-006	4853065.867	310784.017	concrete	7.4	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-007	4853064.157	310774.066	concrete	7.6	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+034	UMP-SAN-TS06-008	4853062.989	310766.076	concrete	7.7	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+039	UMP-STM-TS06-025	4853075.975	310820.563	concrete	3.2	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+046	UMP-STM-TS06-026	4853083.104	310813.056	concrete	5.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+056	UMP-STM-TS06-027	4853092.324	310803.514	concrete	7.4	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+064	UMP-STM-TS06-028	4853095.192	310794.283	concrete	1.2	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+071	UMP-STM-TS06-029	4853103.159	310784.388	concrete	1.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+122	UMP-STM-TS06-030	4853152.314	310776.126	concrete	0.9	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+740	UMP-STM-TS06-031	4853727.294	310859.345	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+740	UMP-SAN-TS06-009	4853729.065	310858.341	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+760	UMP-STM-TS06-032	4853733.076	310879.590	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+768	UMP-SAN-TS06-010	4853738.409	310887.162	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+805	UMP-GAS-TS06-001	4853760.073	310916.012	Steel	3.3	N/A	N/A	N/A	450	0.045	25	50	50mm
5+810	UMP-SAN-TS06-011	4853757.161	310928.067	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+810	UMP-WM-TS06-001	4853757.583	310920.860	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
5+835	UMP-GAS-TS06-002	4853764.699	310949.134	Steel	3.3	0.0038	0.0068	10	N/A	N/A	25	50	200mm
5+835	UMP-GAS-TS06-003	4853772.880	310945.850	Steel	3.3	0.0038	0.0068	10	N/A	N/A	25	50	200mm
5+838	UMP-SAN-TS06-012	4853767.145	310949.802	concrete	4.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+838	UMP-WM-TS06-002	4853769.559	310947.905	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
5+942	UMP-SAN-TS06-013	4853806.479	311049.106	concrete	3.2	0.0167	0.0300	25	N/A	N/A	10	20	375mm
5+945	UMP-WM-TS06-003	4853809.697	311047.632	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
6+000	UMP-GAS-TS06-004	4853831.001	311099.199	Steel	3.3	N/A	N/A	N/A	450	0.045	25	50	50mm
6+020	UMP-GAS-TS06-005	4853836.483	311118.772	Steel	4.3	N/A	N/A	N/A	450	0.045	25	50	50mm
6+022	UMP-SAN-TS06-014	4853829.576	311123.763	concrete	1.7	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+022	UMP-WM-TS06-004	4853832.701	311122.602	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
6+103	UMP-WM-TS06-005	4853856.834	311199.764	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
6+105	UMP-SAN-TS06-016	4853854.181	311203.197	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+180	UMP-WM-TS06-006	4853867.336	311276.686	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
6+190	UMP-WM-TS06-007	4853882.323	311282.244	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
6+238	UMP-WM-TS06-008	4853892.000	311319.177	CI	3.0	0.0038	0.0068	25	N/A	N/A	10	20	250mm
6+265	UMP-SAN-TS06-017	4853897.392	311356.925	concrete	3.0	0.0250	0.0450	25	N/A	N/A	10	20	250mm
6+288	UMP-WM-TS06-009	4853904.877	311378.520	DI	1.2	N/A	N/A	N/A	820	0.082	10	20	250mm
6+300	UMP-STM-TS06-033	4853890.818	311402.233	concrete	6.3	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+301	UMP-SAN-TS06-018	4853905.662	311393.035	concrete	3.0	0.0250	0.0450	25	N/A	N/A	10	20	250mm
6+306	UMP-STM-TS06-034	4853903.000	311403.265	concrete	8.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+315	UMP-STM-TS06-035	4853913.735	311405.904	concrete	2.9	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+315	UMP-STM-TS06-036	4853922.886	311400.839	concrete	2.7	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+315	UMP-STM-TS06-037	4853931.949	311395.163	concrete	2.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+315	UMP-STM-TS06-038	4853940.563	311389.592	concrete	2.3	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+315	UMP-STM-TS06-039	4853950.066	311382.066	concrete	2.1	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+618	UMP-GAS-TS06-006	4854156.901	311573.887	Steel	1.2	N/A	N/A	N/A	450	0.045	25	50	25mm
6+628	UMP-GAS-TS06-007	4854168.758	311565.573	Steel	1.2	N/A	N/A	N/A	450	0.045	25	50	25mm
6+630	UMP-STM-TS06-040	4854168.108	311574.179	concrete	4.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+638	UMP-SAN-TS06-015	4854173.988	311574.568	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+640	UMP-WM-TS06-010	4854177.834	311576.766	DI	2.2	N/A	N/A	N/A	820	0.082	10	20	200mm
6+640	UMP-WM-TS06-011	4854190.761	311566.940	DI	1.5	N/A	N/A	N/A	820	0.082	10	20	200mm
6+640	UMP-GAS-TS06-008	4854180.865	311579.125	Steel	1.2	N/A	N/A	N/A	450	0.045	25	50	50mm
6+645	UMP-STM-TS06-041	4854183.976	311561.130	concrete	4.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+648	UMP-SAN-TS06-019	4854188.912	311563.301	concrete	3.0	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+655	UMP-GAS-TS06-009	4854194.661	311568.415	Steel	1.2	N/A	N/A	N/A	450	0.045	25	50	50mm
6+770	UMP-STM-TS06-042	4854311.454	311557.817	concrete	4.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+770	UMP-STM-TS06-043	4854296.543	311538.174	concrete	3.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+771	UMP-SAN-TS06-020	4854315.388	311556.848	concrete	4.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+771	UMP-SAN-TS06-021	4854299.625	311537.070	concrete	4.5	0.0167	0.0300	25	N/A	N/A	10	20	375mm
6+882	UMP-GAS-TS06-010	4854402.401	311487.476	Steel	1.2	N/A	N/A	N/A	450	0.045	25	50	25mm

TABLE 8.0 SUMMARY OF RESPONSE LEVELS OF INCLINOMETER(INC)

SUMMARY OF RESPONSE LEVELS FOR INC

STATION	INSTRUMENT ID	STRUCTURE	NORTHING	EASTING	GROUND ELEVATION (m)	MINIMUM INC TIP ELEVATION (m)	MINIMUM INC TIP DEPTH (m)	TOP of TUNNEL ELEVATION (m)	BOTTOM of TUNNEL ELEVATION (m)	HORIZONTAL DISPLACEMENT REVIEW (mm)	HORIZONTAL DISPLACEMENT ALERT (mm)	DISTORTION (mm) OVER 15 m	REMARKS
2+234	INC-SSS0-P-001	STEELES STATION SOUTH SIDE	4850309.964	311273.132	191.520	162.616	28.904	182.146	174.746	10	20		
2+234	INC-SSS0-P-002		4850311.755	311282.838	191.520	162.616	28.904	182.146	174.746	10	20		
2+234	INC-SSS0-P-003		4850313.725	311294.229	191.520	162.616	28.904	182.146	174.746	10	20		
2+596	INC-SSS0-P-004	STEELES STATION NORTH SIDE	4850663.220	311210.172	193.546	163.692	29.854	183.222	175.822	10	20		
2+596	INC-SSS0-P-005		4850664.669	311218.284	193.546	163.692	29.854	183.222	175.822	10	20		
2+596	INC-SSS0-P-006		4850666.989	311231.268	193.546	163.692	29.854	183.222	175.822	10	20		
2+605	INC-YDSS-001	YORK DURHAM SANITARY SEWER	4850676.554	311197.045	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+605	INC-YDSS-002		4850679.106	311205.290	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+605	INC-YDSS-003		4850682.433	311217.027	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+605	INC-YDSS-004		4850683.106	311219.057	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+605	INC-YDSS-005		4850685.895	311227.749	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+606	INC-YDSS-006		4850688.478	311236.260	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+606	INC-YDSS-007		4850689.442	311240.193	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+610	INC-YDSS-008		4850680.384	311196.220	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+610	INC-YDSS-009		4850682.566	311204.013	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+610	INC-YDSS-010		4850686.096	311216.353	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+610	INC-YDSS-011		4850686.670	311218.425	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+610	INC-YDSS-012		4850689.351	311227.227	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+611	INC-YDSS-013		4850691.745	311235.317	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+612	INC-YDSS-014		4850692.910	311239.255	194.000	164.000	30.000	182.500	176.500	5	8	-5	
2+957	INC-EB03-P-001	EEB-03	4851013.936	311143.097	196.000	157.101	38.899	174.333	166.933	10	20		
2+957	INC-EB03-P-002		4851016.197	311154.017	196.000	157.101	38.899	174.333	166.933	10	20		
2+957	INC-EB03-P-003		4851018.219	311165.510	196.000	157.101	38.899	174.333	166.933	10	20		
2+963	INC-EB03-P-004		4851025.619	311140.782	196.000	157.101	38.899	174.333	166.933	10	20		
2+963	INC-EB03-P-005		4851027.687	311151.707	196.000	157.101	38.899	174.333	166.933	10	20		
2+963	INC-EB03-P-006		4851029.949	311162.637	196.000	157.101	38.899	174.333	166.933	10	20		
3+348	INC-TS04-001	N/A	4851401.894	311065.601	188.000	148.500	39.500	163.500	156.500	10	20		
3+348	INC-TS04-002		4851404.059	311077.887	188.000	148.500	39.500	163.500	156.500	10	20		
3+348	INC-TS04-003		4851406.420	311091.261	188.000	148.500	39.500	163.500	156.500	10	20		
3+451	INC-CLS0-P-001	CLARK STATION SOUTH SIDE	4851505.826	311049.803	181.962	135.860	46.102	163.301	155.901	10	20		
3+451	INC-CLS0-P-002		4851507.596	311059.798	181.962	135.860	46.102	163.301	155.901	10	20		
3+451	INC-CLS0-P-003		4851509.423	311071.355	181.962	135.860	46.102	163.301	155.901	10	20		
3+623	INC-CLS0-P-004	CLARK STATION NORTH SIDE	4851671.727	311022.091	174.750	134.520	40.230	162.801	155.401	10	20		
3+623	INC-CLS0-P-005		4851673.298	311032.119	174.750	134.520	40.230	162.801	155.401	10	20		
3+623	INC-CLS0-P-006		4851675.327	311043.664	174.750	134.520	40.230	162.801	155.401	10	20		

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX)

SUMMARY OF RESPONSE LEVELS FOR MPBX

STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP of TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
1+140	MPBX-ESH0-001	191.00	182.00	187.00	4.00	20	30	
				185.67	5.33	25	35	
				184.33	6.67	30	45	
				183.00	8.00	35	50	
1+180	MPBX-ESH0-002	192.00	181.00	188.00	4.00	20	30	
				186.00	6.00	25	35	
				184.00	8.00	30	45	
				182.00	10.00	35	50	
1+200	MPBX-TS01-001	192.00	180.50	188.00	4.00	20	30	
				185.83	6.17	25	35	
				183.67	8.33	30	45	
				181.50	10.50	35	50	
1+250	MPBX-TS01-002	191.50	178.50	187.50	4.00	20	30	
				184.83	6.67	25	35	
				182.17	9.33	30	45	
				179.50	12.00	35	50	
1+300	MPBX-TS01-003	191.00	177.00	187.00	4.00	20	30	
				184.00	7.00	25	35	
				181.00	10.00	30	45	
				178.00	13.00	35	50	
1+350	MPBX-TS01-004	191.00	176.00	187.00	4.00	20	30	
				183.67	7.33	25	35	
				180.33	10.67	30	45	
				177.00	14.00	35	50	
1+400	MPBX-TS01-005	190.00	176.00	186.00	4.00	20	30	
				183.00	7.00	25	35	
				180.00	10.00	30	45	
				177.00	13.00	35	50	
1+450	MPBX-TS01-006	189.00	175.50	185.00	4.00	20	30	
				182.17	6.83	25	35	
				179.33	9.67	30	45	
				176.50	12.50	35	50	
1+500	MPBX-TS01-007	188.00	175.50	184.00	4.00	20	30	
				181.50	6.50	25	35	
				179.00	9.00	30	45	
				176.50	11.50	35	50	
1+550	MPBX-TS01-008	189.00	175.50	185.00	4.00	20	30	
				182.17	6.83	25	35	
				179.33	9.67	30	45	
				176.50	12.50	35	50	
1+700	MPBX-EB02-001	190.50	174.50	186.50	4.00	20	30	
				182.83	7.67	25	35	
				179.17	11.33	30	45	
				175.50	15.00	35	50	
1+800	MPBX-EB02-002	191.00	174.00	187.00	4.00	20	30	
				183.00	8.00	25	35	
				179.00	12.00	30	45	
				175.00	16.00	35	50	

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR MPBX

STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP of TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
1+850	MPBX-TS02-001	191.00	174.00	187.00	4.00	20	30	
				183.00	8.00	25	35	
				179.00	12.00	30	45	
				175.00	16.00	35	50	
1+885	MPBX-TS02-002	190.50	174.00	186.50	4.00	20	30	
				182.67	7.83	25	35	
				178.83	11.67	30	45	
				175.00	15.50	35	50	
1+915	MPBX-TS02-003	190.50	174.00	186.50	4.00	20	30	
				182.67	7.83	25	35	
				178.83	11.67	30	45	
				175.00	15.50	35	50	
2+000	MPBX-TS02-004	190.00	175.50	186.00	4.00	20	30	
				182.83	7.17	25	35	
				179.67	10.33	30	45	
				176.50	13.50	35	50	
2+100	MPBX-TS02-005	190.00	179.00	186.00	4.00	20	30	
				184.00	6.00	25	35	
				182.00	8.00	30	45	
				180.00	10.00	35	50	
2+200	MPBX-TS02-006	191.50	182.00	187.50	4.00	20	30	
				186.00	5.50	25	35	
				184.50	7.00	30	45	
				183.00	8.50	35	50	
2+250	MPBX-SSS0-001	192.50	182.00	188.50	4.00	20	30	
				186.67	5.83	25	35	
				184.83	7.67	30	45	
				183.00	9.50	35	50	

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR MPBX

STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP of TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
2+300	MPBX-SSS0-002	192.50	182.00	188.50	4.00	20	30	
				186.67	5.83	25	35	
				184.83	7.67	30	45	
				183.00	9.50	35	50	
2+350	MPBX-SSS0-003	193.00	182.00	189.00	4.00	20	30	
				187.00	6.00	25	35	
				185.00	8.00	30	45	
				183.00	10.00	35	50	
2+450	MPBX-SSS0-004	193.00	182.50	189.00	4.00	20	30	
				187.17	5.83	25	35	
				185.33	7.67	30	45	
				183.50	9.50	35	50	
2+550	MPBX-SSS0-005	193.50	183.00	189.50	4.00	20	30	
				187.67	5.83	25	35	
				185.83	7.67	30	45	
				184.00	9.50	35	50	
2+600	MPBX-SSS0-006	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+605	MPBX-YDSS-001	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+622	MPBX-YDSS-002	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR MPBX

STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP of TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
2+605	MPBX-YDSS-003	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+605	MPBX-YDSS-004	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+605	MPBX-YDSS-005	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+606	MPBX-YDSS-006	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+606	MPBX-YDSS-007	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+610	MPBX-YDSS-008	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+610	MPBX-YDSS-009	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	

BLDG. REF. No.

FILE:325436-NECD-SWZ-TWDZ-DLI-GEO1-00043.dwg

SHEET No. 44 of 86

DRAWING No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00043

REVISIONS		REVISIONS
C01	2026-09-30	
ISSUED FOR CONSTRUCTION		

ISSUED FOR CONSTRUCTION

SCALE(S) N. T. S.

LICENSED PROFESSIONAL ENGINEER 2026/09/30 X. L. ZHENG 100100491 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER 2026/09/30 A. R. HAIGHTON PROVINCE OF ONTARIO

DESIGNED	E. CHENG	2026/09/30
DRAWN	Y. NANAGIRI	2026/09/30
CHECKED	A. HAIGHTON	2026/09/30
APPROVED	J. ZHENG	2026/09/30

ADVANCE TUNNEL YNSE

BORED TUNNEL GIMP

INSTRUMENTATION TABLES IX

Plot Date: 2026/09/30

Dwg. No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00043

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR MPBX								
STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP OF TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
2+610	MPBX-YDSS-010	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+610	MPBX-YDSS-011	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+610	MPBX-YDSS-012	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+611	MPBX-YDSS-013	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+612	MPBX-YDSS-014	194.00	183.00	190.00	4.00	20	30	
				188.00	6.00	25	35	
				186.00	8.00	30	45	
				184.00	10.00	35	50	
2+650	MPBX-TS03-001	194.50	182.50	190.50	4.00	20	30	
				188.17	6.33	25	35	
				185.83	8.67	30	45	
				183.50	11.00	35	50	
2+750	MPBX-TS03-002	195.50	179.50	191.50	4.00	20	30	
				187.83	7.67	25	35	
				184.17	11.33	30	45	
				180.50	15.00	35	50	
2+800	MPBX-TS03-003	195.50	178.00	191.50	4.00	20	30	
				187.33	8.17	25	35	
				183.17	12.33	30	45	
				179.00	16.50	35	50	
3+000	MPBX-TS04-001	197.00	173.00	193.00	4.00	20	30	
				186.67	10.33	25	35	
				180.33	16.67	30	45	
				174.00	23.00	35	50	
3+100	MPBX-TS04-002	197.00	169.50	193.00	4.00	20	30	
				185.50	11.50	25	35	
				178.00	19.00	30	45	
				170.50	26.50	35	50	
3+150	MPBX-TS04-003	196.50	168.50	192.50	4.00	20	30	
				184.83	11.67	25	35	
				177.17	19.33	30	45	
				169.50	27.00	35	50	
3+200	MPBX-TS04-004	195.50	166.50	191.50	4.00	20	30	
				183.50	12.00	25	35	
				175.50	20.00	30	45	
				167.50	28.00	35	50	
3+250	MPBX-TS04-005	194.00	166.00	190.00	4.00	20	30	
				182.33	11.67	25	35	
				174.67	19.33	30	45	
				167.00	27.00	35	50	
3+348	MPBX-TS04-006	188.50	164.00	184.50	4.00	20	30	
				178.00	10.50	25	35	
				171.50	17.00	30	45	
				165.00	23.50	35	50	
3+348	MPBX-TS04-007	188.50	164.00	184.50	4.00	20	30	
				178.00	10.50	25	35	
				171.50	17.00	30	45	
				165.00	23.50	35	50	
3+400	MPBX-TS04-008	185.50	163.50	181.50	4.00	20	30	
				175.83	9.67	25	35	
				170.17	15.33	30	45	
				164.50	21.00	35	50	
3+450	MPBX-CLS0-001	182.50	163.00	178.50	4.00	20	30	
				173.67	8.83	25	35	
				168.83	13.67	30	45	
				164.00	18.50	35	50	
3+500	MPBX-CLS0-002	179.00	163.00	175.00	4.00	20	30	
				171.33	7.67	25	35	
				167.67	11.33	30	45	
				164.00	15.00	35	50	
3+600	MPBX-CLS0-003	176.00	162.50	172.00	4.00	20	30	
				169.17	6.83	25	35	
				166.33	9.67	30	45	
				163.50	12.50	35	50	
3+700	MPBX-TS05-001	174.50	162.50	170.50	4.00	20	30	
				168.17	6.33	25	35	
				165.83	8.67	30	45	
				163.50	11.00	35	50	
3+750	MPBX-TS05-002	173.50	162.50	169.50	4.00	20	30	
				167.50	6.00	25	35	
				165.50	8.00	30	45	
				163.50	10.00	35	50	

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR MPBX								
STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP OF TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
3+800	MPBX-TS05-003	173.50	162.50	169.50	4.00	20	30	
				167.50	6.00	25	35	
				165.50	8.00	30	45	
				163.50	10.00	35	50	
3+850	MPBX-TS05-004	174.50	162.00	170.50	4.00	20	30	
				168.00	6.50	25	35	
				165.50	9.00	30	45	
				163.00	11.50	35	50	
3+900	MPBX-TS05-005	175.50	162.00	171.50	4.00	20	30	
				168.67	6.83	25	35	
				165.83	9.67	30	45	
				163.00	12.50	35	50	
3+950	MPBX-TS05-006	175.50	161.50	171.50	4.00	20	30	
				168.50	7.00	25	35	
				165.50	10.00	30	45	
				162.50	13.00	35	50	
4+000	MPBX-TS05-007	175.50	160.00	171.50	4.00	20	30	
				168.00	7.50	25	35	
				164.50	11.00	30	45	
				161.00	14.50	35	50	
4+050	MPBX-TS05-008	175.00	158.50	171.00	4.00	20	30	
				167.17	7.83	25	35	
				163.33	11.67	30	45	
				159.50	15.50	35	50	
4+150	MPBX-TS05-009	174.00	156.00	170.00	4.00	20	30	
				165.67	8.33	25	35	
				161.33	12.67	30	45	
				157.00	17.00	35	50	
4+200	MPBX-TS05-010	174.50	155.00	170.50	4.00	20	30	
				165.67	8.83	25	35	
				160.83	13.67	30	45	
				156.00	18.50	35	50	
4+250	MPBX-TS05-011	175.00	154.00	171.00	4.00	20	30	
				165.67	9.33	25	35	
				160.33	14.67	30	45	
				155.00	20.00	35	50	
4+300	MPBX-TS05-012	176.00	152.50	172.00	4.00	20	30	
				165.83	10.17	25	35	
				159.67	16.33	30	45	
				153.50	22.50	35	50	
4+450	MPBX-TS06-001	174.00	147.50	170.00	4.00	20	30	
				162.83	11.17	25	35	
				155.67	18.33	30	45	
				148.50	25.50	35	50	
4+500	MPBX-TS06-002	174.50	146.50	170.50	4.00	20	30	
				162.83	11.67	25	35	
				155.17	19.33	30	45	
				147.50	27.00	35	50	
4+600	MPBX-TS06-003	176.00	144.00	172.00	4.00	20	30	
				163.00	13.00	25	35	
				154.00	22.00	30	45	
				145.00	31.00	35	50	
4+650	MPBX-TS06-004	176.00	142.50	172.00	4.00	20	30	
				162.50	13.50	25	35	
				153.00	23.00	30	45	
				143.50	32.50	35	50	
4+740	MPBX-TS06-005	175.50	140.00	171.50	4.00	20	30	
				161.33	14.17	25	35	
				151.17	24.33	30	45	
				141.00	34.50	35	50	
4+800	MPBX-TS06-006	173.50	138.50	169.50	4.00	20	30	
				159.50	14.00	25	35	
				149.50	24.00	30	45	
				139.50	34.00	35	50	
4+850	MPBX-TS06-007	170.50	137.50	166.50	4.00	20	30	
				157.17	13.33	25	35	
				147.83	22.67	30	45	
				138.50	32.00	35	50	
4+900	MPBX-TS06-008	167.50	136.50	163.50	4.00	20	30	
				154.83	12.67	25	35	
				146.17	21.33	30	45	
				137.50	30.00	35	50	
4+950	MPBX-TS06-009	166.50	134.50	162.50	4.00	20	30	
				153.50	13.00	25	35	
				144.50	22.00	30	45	
				135.50	31.00	35	50	
5+000	MPBX-TS06-010	166.00	134.00	162.00	4.00	20	30	
				153.00	13.00	25	35	
				144.00	22.00	30	45	
				135.00	31.00	35	50	
5+050	MPBX-TS06-011	167.00	132.00	163.00	4.00	20	30	
				153.00	14.00	25	35	
				143.00	24.00	30	45	
				133.00	34.00	35	50	

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR MPBX								
STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP OF TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
5+100	MPBX-TS06-012	169.50	131.50	165.50	4.00	20	30	
				154.50	15.00	25	35	
				143.50	26.00	30	45	
				132.50	37.00	35	50	
5+150	MPBX-TS06-013	173.00	131.00	169.00	4.00	20	30	
				156.67	16.33	25	35	
				144.33	28.67	30	45	
				132.00	41.00	35	50	
5+200	MPBX-TS06-014	176.50	131.50	172.50	4.00	20	30	
				159.17	17.33	25	35	
				145.83	30.67	30	45	
				132.50	44.00	35	50	
5+250	MPBX-TS06-015	179.00	131.00	175.00	4.00	20	30	
				160.67	18.33	25	35	
				146.33	32.67	30	45	
				132.00	47.00	35	50	
5+300	MPBX-TS06-016	181.50	131.50	177.50	4.00	20	30	
				162.50	19.00	25	35	
				147.50	34.00	30	45	
				132.50	49.00	35	50	
5+350	MPBX-TS06-017	183.50	132.50	179.50	4.00	20	30	
				164.17	19.33	25	35	
				148.83	34.67	30	45	
				133.50	50.00	35	50	
5+400	MPBX-TS06-018	184.50	134.00	180.50	4.00	20	30	
				165.33	19.17	25	35	
				150.17	34.33	30	45	
				135.00	49.50	35	50	
5+450	MPBX-TS06-019	185.00	135.50	181.00	4.00	20	30	
				166.17	18.83	25	35	
				151.33	33.67	30	45	
				136.50	48.50	35	50	
5+500	MPBX-TS06-020	185.00	136.50	181.00	4.00	20	30	
				166.50	18.50	25	35	
				152.00	33.00	30	45	
				137.50	47.50	35	50	
5+550	MPBX-TS06-021	183.00	138.00	179.00	4.00	20	30	
				165.67	17.33	25	35	
				152.33	30.67	30	45	
				139.00	44.00	35	50	
5+600	MPBX-TS06-022	183.50	139.50	179.50	4.00	20	30	
				166.50	17.00	25	35	
				153.50	30.00	30	45	
				140.50	43.00	35	50	
5+650	MPBX-TS06-023	183.50	141.00	179.50	4.00	20	30	
				167.00	16.50	25	35	
				154.50	29.00	30	45	
				142.00	41.50	35	50	
5+800	MPBX-TS06-025	184.00	145.50	180.00	4.00	20	30	
				168.83	15.17	25	35	
				157.67	26.33	30	45	
				146.50	37.50	35	50	
5+850	MPBX-TS06-026	184.50	147.00	180.50	4.00	20	30	
				169.67	14.83	25	35	
				158.83	25.67	30	45	
				148.00	36.50	35	50	
6+050	MPBX-TS06-027	183.00	152.00	179.00	4.00	20	30	
				170.33	12.67	25	35	
				161.67	21.33	30	45	
				153.00	30.00	35	50	
6+100	MPBX-TS06-028	182.00	154.00	178.00	4.00	20	30	
				170.33	11.67	25	35	
				162.67	19.33	30	45	
				155.00	27.00	35	50	
6+150	MPBX-TS06-029	181.00	156.00	177.00	4.00	20	30	
				170.33	10.67	25	35	
				163.67	17.33	30	45	
				157.00	24.00	35	50	
6+225	MPBX-TS06-030	178.00	157.00	174.00	4.00	20	30	
				168.67	9.33	25	35	
				163.33	14.67	30	45	
				158.00	20.00	35	50	
6+270	MPBX-TS06-032	172.00	158.50	168.00	4.00	20	30	
				165.17	6.83	25	35	
				162.33	9.67	30	45	
				159.50	12.50	35	50	
6+550	MPBX-TS06-033	182.00	167.50	178.00	4.00	20	30	
				174.83	7.17	25	35	
				171.67	10.33	30	45	
				168.50	13.50	35	50	
6+800	MPBX-TS06-034	190.00	174.50	186.00	4.00	20	30	
				182.50	7.50	25	35	
				179.00	11.00	30	45	
				175.50	14.50	35	50	

TABLE 9.0 SUMMARY OF RESPONSE LEVELS OF MULTI-POINT BOREHOLE EXTENSOMETER (MPBX) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR MPBX								
STATION	INSTRUMENT ID	EXISTING GROUND ELEVATION (m)	TOP OF TUNNEL ELEVATION (m)	ANCHOR POINT ELEVATION (m)	ANCHOR POINT DEPTH (m)	REVIEW LEVEL (mm)	ALERT LEVEL (mm)	REMARKS
6+850	MPBX-TS06-035	191.00	176.50	187.00	4.00	20	30	
				183.83	7.17	25	35	
				180.67	10.33	30	45	
				177.50	13.50	35	50	
6+900	MPBX-TS06-036	191.50	177.50	187.50	4.00	20	30	
				184.50	7.00	25	35	
				181.50	10.00	30	45	
				178.50	13.00	35	50	
6+950	MPBX-TS06-037	192.00	179.00	188.00	4.00	20	30	
				185.33	6.67	25	35	
				182.67	9.33	30	45	
				180.00	12.00	35	50	
6+994	MPBX-TS06-038	192.50	180.50	188.50	4.00	20	30	
				186.17	6.33	25	35	
				183.83	8.67	30	45	
				181.50	11.00	35	50	
7+050	MPBX-TS06-039	198.00	187.00	194.00	4.00	20	30	
				192.00	6.00	25	35	
				190.00	8.00	30	45	
				188.00	10.00	35	50	
7+075	MPBX-TS06-040	198.00	187.50	194.00	4.00	20	30	
				192.17	5.83	25	35	
				190.33	7.67	30	45	
				188.50	9.50	35	50	
7+100	MPBX-TS06-041	198.00	189.00	194.00	4.00	20	30	
				192.00	6.00	25	35	
				190.00	8.00	35	50	
7+150	MPBX-TS06-042	198.00	190.50	194.00	4.00	20	30	
				191.50	6.50	35	50	
7+200	MPBX-TS06-043	198.50	192.00	194.50	4.00	20	30	
				193.00	5.50	35	50	
7+230	MPBX-TS06-044A	195.00	189.34	191.00	4.00	20	30	

TABLE 10.0 SUMMARY OF RESPONSE LEVELS OF GROUND MONITORING POINT (GMP)

SUMMARY OF RESPONSE LEVELS FOR GMP								
STATION	INSTRUMENT ID	NORTHING	EASTING	VERTICAL DISPLACEMENT		ANGULAR DISTORTION		REMARKS
				REVIEW (mm)	ALERT (mm)	REVIEW	ALERT	
5+623	GMP-TS06-001	4853639.945	310788.479	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+630	GMP-TS06-002	4853652.804	310781.348	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+635	GMP-TS06-003	4853648.474	310794.270	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+638	GMP-TS06-004	4853658.586	310784.874	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+645	GMP-TS06-005	4853656.438	310800.102	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+645	GMP-TS06-006	4853666.026	310790.386	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+655	GMP-TS06-007	4853674.173	310796.773	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+665	GMP-TS06-008	4853682.083	310803.243	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+665	GMP-TS06-009	4853689.289	310808.987	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+685	GMP-TS06-010	4853686.968	310824.825	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	

DRAWING No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00044 SHEET No. 45 of 86 FILE:325436-NECD-SWZ-TWDZ-DLI-GEO1-00044.dwg BLDG. REF. No.

REVISIONS		REVISIONS	
C01	2026-09-30		
ISSUED FOR CONSTRUCTION			

ISSUED FOR CONSTRUCTION

SCALE(S) N. T. S.

NORTH END CONNECTORS

LICENSED PROFESSIONAL ENGINEER 2026/09/30 X. L ZHENG 100100491 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER 2026/09/30 A. R. HAIGHTON PROVINCE OF ONTARIO

DESIGNED	E. CHENG	2026/09/30
DRAWN	Y. NANAGIRI	2026/09/30
CHECKED	A. HAIGHTON	2026/09/30
APPROVED	J. ZHENG	2026/09/30

ADVANCE TUNNEL YNSE

BORED TUNNEL GIMP

INSTRUMENTATION TABLES X

Plot Date: 2026/09/30

METROLINX

Dwg. No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00044

Sheet No. 45 of 86

CADD FILE NAME: C:\Users\nanagiriy\DC\ACCDocs\EXP\OTT-21002696-C0 - YNSE\Project Files\02_Work In Progress (WIP)\EXP\GIMP-GEO0\Sheets\325436-NECD-SWZ-TWDZ-DLI-GEO1-00045.dwg

Attachment "2"

TABLE 10.0 SUMMARY OF RESPONSE LEVELS OF GROUND MONITORING POINT (GMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR GMP								
STATION	INSTRUMENT ID	NORTHING	EASTING	VERTICAL DISPLACEMENT		ANGULAR DISTORTION		REMARKS
				REVIEW (mm)	ALERT (mm)	REVIEW	ALERT	
5+685	GMP-TS06-011	4853696.539	310815.362	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+695	GMP-TS06-012	4853694.542	310832.332	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+695	GMP-TS06-013	4853704.113	310822.869	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+705	GMP-TS06-014	4853701.148	310838.902	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+705	GMP-TS06-015	4853710.601	310829.723	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+710	GMP-TS06-016	4853714.636	310834.231	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+715	GMP-TS06-017	4853707.670	310846.330	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+725	GMP-TS06-018	4853714.016	310853.801	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+735	GMP-TS06-019	4853730.939	310854.483	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+741	GMP-TS06-020	4853734.225	310858.789	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+745	GMP-TS06-021	4853725.881	310869.353	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+745	GMP-TS06-022	4853736.972	310862.829	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+755	GMP-TS06-023	4853731.169	310876.856	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+755	GMP-TS06-024	4853742.789	310871.222	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+760	GMP-TS06-025	4853745.595	310875.556	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+770	GMP-TS06-026	4853751.303	310884.389	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+815	GMP-TS06-027	4853770.932	310924.566	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+825	GMP-TS06-028	4853774.626	310933.834	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+830	GMP-TS06-029	4853776.312	310938.921	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+835	GMP-TS06-030	4853778.195	310943.226	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+840	GMP-TS06-031	4853779.836	310948.187	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+845	GMP-TS06-032	4853781.448	310952.656	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+850	GMP-TS06-033	4853783.086	310957.684	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+855	GMP-TS06-034	4853784.633	310962.502	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+860	GMP-TS06-035	4853786.331	310967.023	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
5+865	GMP-TS06-036	4853787.886	310971.767	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+180	GMP-TS06-037	4853869.442	311276.238	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+180	GMP-TS06-038	4853880.807	311272.710	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+185	GMP-TS06-039	4853870.856	311280.819	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+185	GMP-TS06-040	4853882.227	311277.309	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+195	GMP-TS06-041	4853874.073	311291.240	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+195	GMP-TS06-042	4853885.145	311286.901	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+205	GMP-TS06-043	4853877.023	311300.795	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+205	GMP-TS06-044	4853888.095	311296.456	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+215	GMP-TS06-045	4853879.972	311310.350	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+215	GMP-TS06-046	4853891.044	311306.011	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+225	GMP-TS06-047	4853883.032	311320.261	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+225	GMP-TS06-048	4853893.895	311315.153	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+235	GMP-TS06-049	4853904.418	311310.909	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+236	GMP-TS06-050	4853885.966	311329.765	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+235	GMP-TS06-051	4853889.083	311330.176	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+235	GMP-TS06-052	4853897.080	311325.413	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+245	GMP-TS06-053	4853888.836	311339.124	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+245	GMP-TS06-054	4853899.982	311334.746	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+255	GMP-TS06-055	4853891.859	311348.527	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+255	GMP-TS06-056	4853912.496	311338.183	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+265	GMP-TS06-057	4853894.976	311358.012	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+260	GMP-TS06-058	4853900.037	311349.898	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+265	GMP-TS06-059	4853906.110	311353.504	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+270	GMP-TS06-060	4853891.688	311366.318	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+275	GMP-TS06-061	4853898.139	311367.138	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+275	GMP-TS06-062	4853909.362	311362.752	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+285	GMP-TS06-063	4853901.659	311376.580	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+295	GMP-TS06-064	4853905.416	311386.005	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+305	GMP-TS06-065	4853909.599	311395.556	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+770	GMP-TS06-066	4854307.249	311553.750	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+780	GMP-TS06-067	4854318.608	311549.076	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+790	GMP-TS06-068	4854327.845	311544.503	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+800	GMP-TS06-069	4854337.072	311539.931	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+810	GMP-TS06-070	4854343.129	311530.239	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+820	GMP-TS06-071	4854351.200	311524.545	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+840	GMP-TS06-072	4854367.094	311512.590	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+860	GMP-TS06-073	4854383.260	311500.842	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+890	GMP-TS06-074	4854407.182	311482.754	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+910	GMP-TS06-075	4854422.081	311469.345	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+920	GMP-TS06-076	4854429.655	311462.791	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+940	GMP-TS06-077	4854445.476	311450.579	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+960	GMP-TS06-078	4854461.592	311438.741	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+970	GMP-TS06-079	4854469.638	311432.798	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+990	GMP-TS06-080	4854485.540	311420.661	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+000	GMP-TS06-081	4854493.371	311414.458	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+010	GMP-TS06-082	4854501.419	311408.519	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+020	GMP-TS06-083	4854509.565	311402.720	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+040	GMP-TS06-084	4854525.750	311391.114	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+063	GMP-TS06-085	4854545.256	311376.437	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+080	GMP-TS06-086	4854557.381	311366.698	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	

TABLE 10.0 SUMMARY OF RESPONSE LEVELS OF GROUND MONITORING POINT (GMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR GMP								
STATION	INSTRUMENT ID	NORTHING	EASTING	VERTICAL DISPLACEMENT		ANGULAR DISTORTION		REMARKS
				REVIEW (mm)	ALERT (mm)	REVIEW	ALERT	
7+110	GMP-TS06-087	4854580.645	311347.785	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+120	GMP-TS06-088	4854588.489	311341.597	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+140	GMP-TS06-089	4854604.247	311329.313	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+160	GMP-TS06-090	4854619.940	311316.930	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+180	GMP-TS06-091	4854635.741	311304.685	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+190	GMP-TS06-092	4854643.670	311298.609	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+220	GMP-TS06-093	4854667.498	311280.450	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+230	GMP-TS06-094	4854673.327	311271.661	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+230	GMP-TS06-095	4854680.069	311279.423	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+220	GMP-TS06-096	4854672.366	311285.774	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+210	GMP-TS06-097	4854664.452	311292.086	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+200	GMP-TS06-098	4854656.599	311298.246	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+190	GMP-TS06-099	4854648.567	311304.396	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+180	GMP-TS06-100	4854640.680	311310.608	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+170	GMP-TS06-101	4854632.729	311316.815	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+180	GMP-TS06-102	4854624.804	311322.923	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+150	GMP-TS06-103	4854616.879	311329.084	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
7+140	GMP-TS06-104	4854608.971	311335.205	10	25	350 Horizontal:1 Vertical	150 Horizontal:1 Vertical	
6+720	GMP-PTE-001	4854257.686	311556.717	10	25	NA	NA	
6+720	GMP-PTE-002	4854260.819	311568.381	10	25	NA	NA	
6+730	GMP-PTE-003	4854267.070	311554.405	10	25	NA	NA	
6+730	GMP-PTE-004	4854270.544	311565.975	10	25	NA	NA	
6+740	GMP-PTE-005	4854276.944	311551.786	10	25	NA	NA	
6+740	GMP-PTE-006	4854280.354	311563.200	10	25	NA	NA	
6+750	GMP-PTE-007	4854285.199	311549.248	10	25	NA	NA	
6+750	GMP-PTE-008	4854290.996	311559.664	10	25	NA	NA	
6+760	GMP-PTE-009	4854295.120	311545.850	10	25	NA	NA	
6+760	GMP-PTE-010	4854299.703	311556.796	10	25	NA	NA	
6+770	GMP-PTE-011	4854304.510	311542.193	10	25	NA	NA	
6+780	GMP-PTE-012	4854312.831	311538.792	10	25	NA	NA	
6+790	GMP-PTE-013	4854321.940	311534.641	10	25	NA	NA	
6+800	GMP-PTE-014	4854330.747	311530.377	10	25	NA	NA	

TABLE 11.0 SUMMARY OF RESPONSE LEVELS OF IN GROUND MONITORING POINT (IMP)

SUMMARY OF RESPONSE LEVELS FOR IMP								
STATION	INSTRUMENT ID	NORTHING	EASTING	HORIZONTAL DISPLACEMENT		VERTICAL DISPLACEMENT		REMARKS
				REVIEW (mm)	ALERT (mm)	REVIEW (mm)	ALERT (mm)	
3+296	IMP-001	4851362.416	311135.192	4	9	4	12	
3+302	IMP-002	4851366.834	311133.863	4	9	4	12	
3+306	IMP-003	4851371.460	311132.471	4	9	4	12	
3+302	IMP-004	4851365.671	311129.996	4	9	4	12	
3+296	IMP-005	4851360.014	311127.536	4	9	4	12	
3+302	IMP-006	4851364.486	311126.188	4	9	4	12	
3+306	IMP-007	4851368.988	311124.835	4	9	4	12	
3+302	IMP-008	4851363.341	311122.355	4	9	4	12	
3+294	IMP-009	4851357.719	311119.923	4	9	4	12	
3+298	IMP-010	4851362.226	311118.567	4	9	4	12	
3+304	IMP-011	4851366.730	311117.212	4	9	4	12	
3+298	IMP-012	4851361.083	311114.682	4	9	4	12	
3+294	IMP-013	4851355.287	311112.212	4	9	4	12	
3+298	IMP-014	4851359.918	311110.855	4	9	4	12	
3+304	IMP-015	4851364.542	311109.464	4	9	4	12	
3+297	IMP-016	4851358.727	311107.037	4	9	4	12	
3+293	IMP-017	4851353.365	311104.474	4	9	4	12	
3+297	IMP-018	4851357.565	311103.210	4	9	4	12	
3+303	IMP-019	4851362.241	311101.804	4	9	4	12	
3+297	IMP-020	4851356.427	311099.377	4	9	4	12	
3+293	IMP-021	4851351.015	311097.016	4	9	4	12	
3+296	IMP-022	4851355.323	311095.720	4	9	4	12	
3+302	IMP-023	4851359.968	311094.322	4	9	4	12	
3+296	IMP-024	4851354.153	311091.722	4	9	4	12	
3+292	IMP-025	4851348.555	311089.218	4	9	4	12	
3+296	IMP-026	4851353.045	311087.954	4	9	4	12	
3+301	IMP-027	4851357.718	311086.461	4	9	4	12	
3+296	IMP-028	4851351.863	311083.996	4	9	4	12	
3+291	IMP-029	4851346.191	311081.576	4	9	4	12	
3+296	IMP-030	4851350.733	311080.209	4	9	4	12	
3+300	IMP-031	4851355.304	311078.843	4	9	4	12	
3+296	IMP-032	4851349.595	311076.376	4	9	4	12	
3+290	IMP-033	4851343.840	311073.931	4	9	4	12	
3+294	IMP-034	4851348.449	311072.545	4	9	4	12	
3+299	IMP-035	4851353.052	311071.159	4	9	4	12	
3+294	IMP-036	4851347.270	311068.722	4	9	4	12	
3+290	IMP-037	4851341.593	311066.254	4	9	4	12	

TABLE 11.0 SUMMARY OF RESPONSE LEVELS OF IN GROUND MONITORING POINT (IMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR IMP								
STATION	INSTRUMENT ID	NORTHING	EASTING	HORIZONTAL DISPLACEMENT		VERTICAL DISPLACEMENT		REMARKS
				REVIEW (mm)	ALERT (mm)	REVIEW (mm)	ALERT (mm)	
3+294	IMP-038	4851346.134	311064.888	4	9	4	12	
3+298	IMP-039	4851350.781	311063.490	4	9	4	12	
3+294	IMP-040	4851345.012	311061.050	4	9	4	12	
3+289	IMP-041	4851339.191	311058.601	4	9	4	12	
3+293	IMP-042	4851343.860	311057.196	4	9	4	12	
3+297	IMP-043	4851348.547	311055.785	4	9	4	12	
3+293	IMP-044	4851342.704	311053.369	4	9	4	12	
3+289	IMP-045	4851336.877	311050.946	4	9	4	12	
3+293	IMP-046	4851341.545	311049.541	4	9	4	12	
3+297	IMP-047	4851346.141	311048.158	4	9	4	12	
3+293	IMP-048	4851340.193	311045.792	4	9	4	12	
3+289	IMP-049	4851334.669	311043.264	4	9	4	12	
3+293	IMP-050	4851339.279	311041.876	4	9	4	12	
3+297	IMP-051	4851343.609	311040.700	4	9	4	12	
6+800	IMP-TS06-DE-272	4854338.053	311541.667	4	9	4	12	
6+807	IMP-TS06-DE-271	4854344.382	311536.773	4	9	4	12	
6+817	IMP-TS06-DE-270	4854350.712	311531.882	4	9	4	12	
6+822	IMP-TS06-DE-269	4854357.039	311526.987	4	9	4	12	
6+903	IMP-TS06-DE-268	4854426.297	311485.833	4	9	4	12	
6+912	IMP-TS06-DE-267	4854432.616	311480.929	4	9	4	12	
6+920	IMP-TS06-DE-266	4854438.981	311475.945	4	9	4	12	
6+927	IMP-TS06-DE-265	4854445.343	311471.095	4	9	4	12	
6+719	IMP-TS06-DE-264	4854271.271	311605.628	4	9	4	12	
6+717	IMP-TS06-DE-263	4854268.276	311601.789	4	9	4	12	
6+716	IMP-TS06-DE-262	4854265.282	311597.949	4	9	4	12	
6+721	IMP-TS06-DE-261	4854271.440	311599.342	4	9	4	12	
6+727	IMP-TS06-DE-260	4854277.599	311600.735	4	9	4	12	
6+725	IMP-TS06-DE-259	4854274.605	311596.895	4	9	4	12	
6+723	IMP-TS06-DE-258	4854271.610	311593.056	4	9	4	12	
6+728	IMP-TS06-DE-257	4854277.769	311594.449	4	9	4	12	
6+733	IMP-TS06-DE-256	4854283.928	311595.842	4	9	4	12	
6+731	IMP-TS06-DE-255	4854280.933	311592.002	4	9	4	12	
6+729	IMP-TS06-DE-254	4854277.939	311588.162	4	9	4	12	
6+735	IMP-TS06-DE-253	4854284.098	311589.555	4	9	4	12	
6+738	IMP-TS06-DE-252	4854290.256	311590.948	4	9	4	12	
6+736	IMP-TS06-DE-251	4854287.262	311587.109	4	9	4	12	
6+734	IMP-TS06-DE-250	4854284.268	311583.270	4	9	4	12	
6+740	IMP-TS06-DE-249	4854290.426	311584.662	4	9	4	12	
6+746	IMP-TS06-DE-248	4854296.585	311586.055	4	9	4	12	
6+744	IMP-TS06-DE-247	4854293.590	311582.215	4	9	4	12	
6+742	IMP-TS06-DE-246	4854290.596	311578.376	4	9	4	12	
6+748	IMP-TS06-DE-245	4854296.753	311579.767	4	9	4	12	
6+752	IMP-TS06-DE-244	4854302.913	311581.162	4	9	4	12	
6+750	IMP-TS06-DE-243	4854299.918	311577.321	4	9	4	12	
6+748	IMP-TS06-DE-242	4854296.924	311573.481	4	9	4	12	
6+755	IMP-TS06-DE-241	4854303.082	311574.874	4	9	4	12	
6+759	IMP-TS06-DE-240	4854309.242	311576.268	4	9	4	12	
6+757	IMP-TS06-DE-239	4854306.247	311572.428	4	9	4	12	
6+756	IMP-TS06-DE-238	4854303.252	311568.587	4	9	4	12	
6+761	IMP-TS06-DE-237	4854309.410	311569.980	4	9	4	12	
6+766	IMP-TS06-DE-236	4854315.570	311571.375	4	9	4	12	
6+764	IMP-TS06-DE-235	4854312.575	311567.534	4	9	4	12	
6+763	IMP-TS06-DE-234	4854309.579	311563.692	4	9	4	12	
6+769	IMP-TS06-DE-233	4854315.739	311565.087	4	9	4	12	
6+774	IMP-TS06-DE-232	4854321.899	311566.481	4	9	4	12	
6+772	IMP-TS06-DE-231	4854318.903	311562.640	4	9	4	12	
6+771	IMP-TS06-DE-230	4854315.908	311558.799	4	9	4	12	
6+776	IMP-TS06-DE-229	4854322.065	311560.191	4	9	4	12	
6+781	IMP-TS06-DE-228	4854328.227	311561.588	4	9	4	12	
6+779	IMP-TS06-DE-227	4854325.230	311557.744	4	9	4	12	
6+778	IMP-TS06-DE-226	4854322.232	311553.900	4	9	4	12	
6+783	IMP-TS06-DE-225	4854328.394	311555.297	4	9	4	12	
6+788	IMP-TS06-DE-224	4854334.556	311556.695	4	9	4	12	
6+787	IMP-TS06-DE-223	4854331.560	311552.853	4	9	4	12	
6+786	IMP-TS06-DE-222	4854328.563	311549.011	4	9	4	12	
6+792	IMP-TS06-DE-221	4854334.722	311550.404	4	9	4	12	
6+796	IMP-TS06-DE-220	4854340.884	311551.801	4	9	4	12	
6+796	IMP-TS06-DE-219	4854337.887	311547.957	4	9	4	12	
6+796	IMP-TS06-DE-218	4854334.891	311544.117	4	9	4	12	
6+800	IMP-TS06-DE-217	4854341.051	311545.511	4	9	4	12	
6+803	IMP-TS06-DE-216	4854347.213	311546.908	4	9	4	12	
6+803	IMP-TS06-DE-215	4854344.215	311543.064	4	9	4	12	
6+803	IMP-TS06-DE-214	4854341.217	311539.220	4	9	4	12	
6+809	IMP-TS06-DE-213	4854347.379	311540.617	4	9	4	12	
6+812	IMP-TS06-DE-212	4854353.541	311542.015	4	9	4	12	
6+812	IMP-TS06-DE-211	4854350.544	311538.171	4	9	4	12	

TABLE 11.0 SUMMARY OF RESPONSE LEVELS OF IN GROUND MONITORING POINT (IMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR IMP								
STATION	INSTRUMENT ID	NORTHING	EASTING	HORIZONTAL DISPLACEMENT		VERTICAL DISPLACEMENT		REMARKS
				REVIEW (mm)	ALERT (mm)	REVIEW (mm)	ALERT (mm)	
6+812	IMP-TS06-DE-210	4854347.555	311534.326	4	9	4	12	
6+817	IMP-TS06-DE-209	4854353.708	311535.724	4	9	4	12	
6+820	IMP-TS06-DE-208	4854359.870	311537.121	4	9	4	12	
6+820	IMP-TS06-DE-207	4854356.872	311533.277	4	9	4	12	
6+820	IMP-TS06-DE-206	4854353.891	311529.429	4	9	4	12	
6+823	IMP-TS06-DE-205	4854360.036	311530.831	4	9	4	12	
8+828	IMP-TS06-DE-204	4854366.198	311532.228	4	9	4	12	
6+828	IMP-TS06-DE-203	4854363.200	311528.383	4	9	4	12	
6+828	IMP-TS06-DE-202	4854360.203	311524.540	4	9	4	12	
6+832	IMP-TS06-DE-201	4854366.364	311525.936	4	9	4	12	
6+835	IMP-TS06-DE-200	4854372.527	311527.335	4	9	4	12	
6+835	IMP-TS06-DE-199	4854369.528	311523.490	4	9	4	12	
6+835	IMP-TS06-DE-198	4854366.529	311519.645	4	9	4	12	
6+840	IMP-TS06-DE-197	4854372.692	311521.043	4	9	4	12	
6+843	IMP-TS06-DE-196	4854378.844	311522.450	4	9	4	12	
6+843	IMP-TS06-DE-195	4854375.857	311518.596	4	9	4	12	
6+843	IMP-TS06-DE-194	4854372.858	311514.751	4	9	4	12	
6+848	IMP-TS06-DE-193	4854376.022	311512.305	4	9	4	12	
6+850	IMP-TS06-DE-192	4854385.172	311517.557	4	9	4	12	
6+848	IMP-TS06-DE-191	4854382.009	311520.003	4	9	4	12	
6+850	IMP-TS06-DE-190	4854379.182	311509.852	4	9	4	12	
6+855	IMP-TS06-DE-189	4854382.421	311507.406	4	9	4	12	
6+859	IMP-TS06-DE-188	4854391.500	311512.664	4	9	4	12	
6+855	IMP-TS06-DE-187	4854388.336	311515.111	4	9	4	12	
6+859	IMP-TS06-DE-186	4854385.585	311504.959	4	9	4	12	
6+863	IMP-TS06-DE-185	4854388.746	311502.516	4	9	4	12	
6+868	IMP-TS06-DE-184	4854397.811	311507.849	4	9	4	12	
6+863	IMP-TS06-DE-183	4854394.650	311510.315	4	9	4	12	
6+868	IMP-TS06-DE-182	4854391.907	311500.050	4	9	4	12	
6+872	IMP-TS06-DE-181	4854395.075	311497.611	4	9	4	12	
6+875	IMP-TS06-DE-180	4854404.153	311502.955	4	9	4	12	
6+872	IMP-TS06-DE-179	4854400.980	311505.411	4	9	4	12	
6+875	IMP-TS06-DE-178	4854398.249	311495.156	4	9	4	12	
6+880	IMP-TS06-DE-177	4854401.408	311492.714	4	9	4	12	
6+882	IMP-TS06-DE-176	4854410.486	311498.066	4	9	4	12	
6+882	IMP-TS06-DE-175	4854407.534	311494.166	4	9	4	12	
6+882	IMP-TS06-DE-174	4854404.581	311490.267	4	9	4	12	
6+887	IMP-TS06-DE-173	4854410.693	311491.727	4	9	4	12	
6+892	IMP-TS06-DE-172	4854416.808	311493.176	4	9	4	12	
6+892	IMP-TS06-DE-171	4854413.856	311489.277	4	9	4	12	
6+892	IMP-TS06-DE-170	4854410.904	311485.377	4	9	4	12	
6+895	IMP-TS06-DE-169	4854417.017	311486.828	4	9	4	12	
6+900	IMP-TS06-DE-168	4854423.135	311488.273	4	9	4	12	
6+900	IMP-TS06-DE-167	4854420.183	311484.374	4	9	4	12	
6+900	IMP-TS06-DE-166	4854417.230	311480.474	4	9	4	12	
6+902	IMP-TS06-DE-165	4854423.344	311481.934	4	9	4	12	
6+905	IMP-TS06-DE-164	4854429.454	311483.377	4	9	4	12	
6+905	IMP-TS06-DE-163	4854426.502	311479.477	4	9	4	12	
6+905	IMP-TS06-DE-162	4854423.550	311475.577	4	9	4	12	
6+909	IMP-TS06-DE-161	4854429.663	311477.029	4	9	4	12	
6+913	IMP-TS06-DE-160	4854435.780	311478.479	4	9	4	12	
6+913	IMP-TS06-DE-159	4854432.828	311474.579	4	9	4	12	
6+913	IMP-TS06-DE-158	4854429.875	311470.679	4	9	4	12	
6+917	IMP-TS06-DE-157	4854435.994	311472.087	4	9	4	12	
6+921	IMP-TS06-DE-156	4854442.160	311473.509	4	9	4	12	
6+921	IMP-TS06-DE-155	4854439.174	311469.651	4	9	4	12	
6+921	IMP-TS06-DE-154	4854436.187	311465.793	4	9	4	12	
6+925	IMP-TS06-DE-153	4854442.356	311467.237	4	9	4	12	
6+929	IMP-TS06-DE-152	4854448.486	311468.612	4	9	4	12	
6+929	IMP-TS06-DE-151	4854445.499	311464.754	4	9	4	12	
6+929	IMP-TS06-DE-150	4854442.513	311460.896	4	9	4	12	
6+935	IMP-TS06-DE-149	4854448.658	311462.307	4	9	4	12	
6+937	IMP-TS06-DE-148	4854454.817	311463.721	4	9	4	12	
6+937	IMP-TS06-DE-147	4854451.837	311459.872	4	9	4	12	
6+937	IMP-TS06-DE-146	4854448.837	311455.997	4	9	4	12	
6+941	IMP-TS06-DE-145	4854454.996	311457.426	4	9	4	12	
6+945	IMP-TS06-DE-144	4854461.144	311458.832	4	9	4	12	
6+945	IMP-TS06-DE-143	4854458.160	311454.977	4	9	4	12	
6+945	IMP-TS06-DE-142	4854455.160	311451.102	4	9	4	12	
6+949	IMP-TS06-DE-141	4854461.323	311452.529	4	9	4	12	
6+953	IMP-TS06-DE-140	4854467.478	311453.938	4	9	4	12	
6+953	IMP-TS06-DE-139	4854464.489	311450.078	4	9	4	12	
6+953	IMP-TS06-DE-138	4854461.492	311446.206	4	9	4	12	
6+957	IMP-TS06-DE-137	4854467.648	311447.632	4	9	4	12	
6+961	IMP-TS06-DE-136	4854473.808	311449.047	4	9	4	12	
6+961	IMP-TS06-DE-135	4854470.796	311445.166	4	9	4	12	

BLDG. REF. No.

FILE:325436-NECD-SWZ-TWDZ-DLI-GEO1-00045.dwg

SHEET No. 46 of 86

DRAWING No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00045

REVISIONS		REVISIONS
C01	2026-09-30	
ISSUED FOR CONSTRUCTION		

ISSUED FOR CONSTRUCTION

SCALE(S) N. T. S.

NORTH END CONNECTORS

LICENSED PROFESSIONAL ENGINEER 2026/09/30 X. L. ZHENG 100100491 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER 2026/09/30 A. R. HAIGHTON PROVINCE OF ONTARIO

DESIGNED	E. CHENG	2026/09/30
DRAWN	Y. NANAGIRI	2026/09/30
CHECKED	A. HAIGHTON	2026/09/30
APPROVED	J. ZHENG	2026/09/30

ADVANCE TUNNEL YNSE

BORED TUNNEL GIMP

INSTRUMENTATION TABLES XI

Plot Date: 2026/09/30

METROLINX

Dwg. No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00045

Sheet No. 46 of 86

Attachment "2"

TABLE 14.0 SUMMARY OF RESPONSE LEVELS OF BUILDING MONITORING POINT (BMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR BMP

INSTRUMENT ID	STREET ADDRESS	HORIZONTAL DISPLACEMENT		VERTICAL DISPLACEMENT		ANGULAR DISTORTION		HORIZONTAL STRAIN		REMARKS
		REVIEW (mm)	ALERT (mm)	REVIEW (mm)	ALERT (mm)	REVIEW (1/X)	ALERT (1/X)	REVIEW (%)	ALERT (%)	
BMP-TS06-200	201 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-201	201 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-202	82 NORMARK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-203	82 NORMARK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-204	82 NORMARK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-205	80 NORMARK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-206	80 NORMARK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-207	80 NORMARK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-208	80 NORMARK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-209	82 NORMARK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-210	198 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-211	198 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-212	198 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-213	198 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-214	196 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-215	196 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-216	196 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-217	196 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-218	194 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-219	194 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-220	194 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-221	194 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-222	192 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-223	192 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-224	192 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-225	192 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-226	191 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-227	191 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-228	191 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-229	191 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-230	191 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-231	191 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-232	190 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-233	190 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-234	190 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-235	190 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-236	188 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-237	188 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-238	188 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-239	188 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-240	186 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-241	186 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-242	186 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-243	186 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-244	184 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-245	184 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-246	184 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-247	184 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-248	180 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-249	180 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-250	180 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-251	180 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-252	182 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-253	182 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-254	182 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-255	182 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-256	187 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-257	187 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-258	187 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-259	187 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-260	185 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-261	185 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-262	185 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-263	185 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-264	183 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-265	183 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-266	183 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-267	183 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-268	177 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-269	177 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-270	177 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-271	177 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-272	179 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-273	179 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-274	179 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-275	179 BAY THORN DR	5	8	15	20	720	500	0.07	0.1	

TABLE 14.0 SUMMARY OF RESPONSE LEVELS OF BUILDING MONITORING POINT (BMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR BMP

INSTRUMENT ID	STREET ADDRESS	HORIZONTAL DISPLACEMENT		VERTICAL DISPLACEMENT		ANGULAR DISTORTION		HORIZONTAL STRAIN		REMARKS
		REVIEW (mm)	ALERT (mm)	REVIEW (mm)	ALERT (mm)	REVIEW (1/X)	ALERT (1/X)	REVIEW (%)	ALERT (%)	
BMP-TS06-276	POMONA CREEK PEDESTRIAN BRIDGE	5	9	6	12	720	500	0.07	0.1	
BMP-TS06-277	POMONA CREEK PEDESTRIAN BRIDGE	5	9	6	12	720	500	0.07	0.1	
BMP-TS06-278	POMONA CREEK PEDESTRIAN BRIDGE	5	9	6	12	720	500	0.07	0.1	
BMP-TS06-279	POMONA CREEK PEDESTRIAN BRIDGE	5	9	6	12	720	500	0.07	0.1	
BMP-TS06-280	39 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-281	39 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-282	39 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-283	39 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-284	41 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-285	41 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-286	41 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-287	41 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-288	34 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-289	34 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-290	34 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-291	34 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-292	32 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-293	32 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-294	32 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-295	32 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-296	30 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-297	30 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-298	30 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-299	30 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-300	28 THORN BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-301	28 THORN BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-302	28 THORN BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-303	28 THORN BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-304	3 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-305	3 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-306	5 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-307	5 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-308	5 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-309	5 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-310	7 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-311	7 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-312	7 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-313	7 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-314	26 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-315	26 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-316	26 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-317	26 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-318	9 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-319	9 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-320	9 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-321	9 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-322	24 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-323	24 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-324	24 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-325	24 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-326	11 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-327	11 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-328	11 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-329	11 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-330	22 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-331	22 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-332	22 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-333	22 THORNY BRAE DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-334	15 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-335	15 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-336	15 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-337	15 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-338	17 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-339	17 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-340	17 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-341	17 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-342	19 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-343	19 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-344	19 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-345	19 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-346	14 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-347	14 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-348	14 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-349	14 BANQUO RD	5	8	15	20	720	500	0.07	0.1	

TABLE 14.0 SUMMARY OF RESPONSE LEVELS OF BUILDING MONITORING POINT (BMP) (CONTD.)

SUMMARY OF RESPONSE LEVELS FOR BMP

INSTRUMENT ID	STREET ADDRESS	HORIZONTAL DISPLACEMENT		VERTICAL DISPLACEMENT		ANGULAR DISTORTION		HORIZONTAL STRAIN		REMARKS
		REVIEW (mm)	ALERT (mm)	REVIEW (mm)	ALERT (mm)	REVIEW (1/X)	ALERT (1/X)	REVIEW (%)	ALERT (%)	
BMP-TS06-350	16 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-351	16 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-352	16 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-353	16 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-354	18 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-355	18 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-356	18 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-357	18 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-358	20 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-359	20 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-360	20 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-361	20 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-362	22 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-363	22 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-364	22 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-365	22 BANQUO RD	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-366	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-367	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-368	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-369	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-370	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-371	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-372	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-373	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-374	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-375	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-376	114 KIRK DR	5	8	10	15	720	500	0.07	0.1	
BMP-TS06-377	129 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-378	129 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-379	129 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-380	129 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-381	134 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-382	134 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-383	134 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-384	134 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-385	132 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-386	132 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-387	132 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-388	132 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-389	130 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-390	130 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-391	130 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-392	130 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-393	128 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-394	128 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-395	128 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-396	128 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-397	126 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-398	126 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-399	126 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-400	126 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-401	124 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-402	124 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-403	124 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-404	124 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-405	122 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-406	122 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-407	122 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-408	122 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-409	120 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-410	120 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-411	120 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-412	120 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-413	62 SHIELDMARK CRES	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-414	62 SHIELDMARK CRES	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-415	62 SHIELDMARK CRES	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-416	60 SHIELDMARK CRES	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-417	60 SHIELDMARK CRES	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-418	60 SHIELDMARK CRES	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-419	118 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-420	118 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-421	118 KIRK DR	5	8	15	20	720	500	0.07	0.1	
BMP-TS06-422	HCC UNDERPASS	5	9	6	12	720	500	0.07	0.1	
BMP-TS06-423	HCC UNDERPASS	5	9	6	12	720	500	0.07	0.1	
BMP-TS06-424	HCC UNDERPASS	5	9	6	12	720	500	0.07	0.1	
BMP-TS06-425	HCC UNDERPASS	5	9	6	12	720	500	0.07	0.1	

TABLE 15.0 SUMMARY OF ARRAYS

SUMMARY OF ARRAYS

STATION	ARRAY ID	AMOUNT OF MPBX	AMOUNT OF SMP	REMARKS
1+380	ARY-T1-TS01-001	2	19	
1+484	ARY-T1-TS01-002	2	23	
1+587	ARY-T1-TS01-003	2	18	
1+635	ARY-T1-TS01-004	2	18	
1+740	ARY-T1-EB02-001	2	20	
1+825	ARY-T1-EB02-002	2	19	
1+945	ARY-T1-TS02-001	2	22	
2+044	ARY-T1-TS02-002	2	13	
2+144	ARY-T1-TS02-003	2	17	
2+224	ARY-T1-SSS0-001	2	17	
2+324	ARY-T1-SSS0-002	2	17	
2+410	ARY-T1-SSS0-003	2	17	
2+480	ARY-T1-SSS0-004	2	23	
2+524	ARY-T1-SSS0-005	2	24	
2+630	ARY-T1-TS03-001	2	22	
2+716	ARY-T2-TS03-001	2	12	
2+836	ARY-T2-TS03-002	2	11	
2+890	ARY-T2-TS03-003	2	11	
2+935	ARY-T2-EB03-001	2	11	
3+038	ARY-T1-TS04-001	2	15	
3+420	ARY-T1-CLS0-001	2	19	
3+536	ARY-T1-CLS0-002	2	21	
3+656	ARY-T1-TS05-001	2	24	
4+090	ARY-T1-TS05-002	2	19	
4+430	ARY-T2-TS06-001	2	14	
4+525	ARY-T2-TS06-002	2	10	
4+570	ARY-T2-TS06-003	2	10	
4+685	ARY-T1-TS06-001	2	16	
5+723	ARY-T2-TS06-004	2	7	
5+764	ARY-T2-TS06-005	2	8	
5+904	ARY-T2-TS06-006	2	10	
5+984	ARY-T2-TS06-007	2	10	
6+176	ARY-T2-TS06-008	2	12	
6+315	ARY-T1-TS06-002	2	21	
6+480	ARY-T1-TS06-003	2	29	
6+640	ARY-T5-TS06-001	2	27	

BLDG. REF. No.

FILE:325436-NECD-SWZ-TWDZ-DLI-GEO1-00049.dwg

SHEET No. 50 of 86

DRAWING No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00049

REVISIONS		REVISIONS
C01 ISSUED FOR CONSTRUCTION	2026-09-30	

ISSUED FOR CONSTRUCTION

SCALE(S) N. T. S.

NORTH END CONNECTORS

LICENSED PROFESSIONAL ENGINEER 2026/09/30 X. L. ZHENG 100100491 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER 2026/09/30 A. R. HAIGHTON PROVINCE OF ONTARIO

DESIGNED	E. CHENG	2026/09/30
DRAWN	Y. NANAGIRI	2026/09/30
CHECKED	A. HAIGHTON	2026/09/30
APPROVED	J. ZHENG	2026/09/30

ADVANCE TUNNEL YNSE

BORED TUNNEL GIMP

INSTRUMENTATION TABLES XV

Plot Date: 2026/09/30

METROLINX

Dwg. No. 325436-NECD-SWZ-TWDZ-DLI-GEO1-00049