

1. NO WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE CONSTRUCTED ACCORDING TO THE LATEST CITY OF TORONTO STANDARD SPECIFICATIONS FOR HIGHWAYS AND STREETS, UNLESS THE CITY ENGINEER HAS BEEN ADVISED AND GIVEN APPROVAL TO THE APPROVAL OF THE CITY OF TORONTO, BE USED WHERE NO CITY STANDARD OR SPECIFICATION IS AVAILABLE.
2. ALL WORK SHALL BE COMPLETED ACCORDING TO THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS. THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
3. TEMPORARY TRAFFIC CONTROL AND SIGNALING DURING CONSTRUCTION SHALL BE ACCORDING TO THE CURRENT ONTARIO TRAFFIC MANUAL BOOK 7: TEMPORARY CONDITIONS FIELD EDITION.
4. ALL WORK WITHIN EXISTING RIGHT-OF-WAY SHALL BE COMPLETED WITH UNDESIRABLE FILL. TEMPORARY REPAIRS TO UTILITY CUTS WILL BE AS PER MUNICIPAL CONSENT REQUIREMENTS, APPENDIX D. TEMPORARY REPAIRS TO UTILITY CUTS. THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO THE ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE CITY ENGINEER DIRECTOR OF CONSTRUCTION SERVICES.
5. PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL RIGHT OF WAY, THE CONTRACTOR OR DEVELOPER OR CONSULTANT SHALL BE NECESSARY TO OBTAIN THE CITY OF TORONTO'S CITY RIGHT-OF-WAY MANAGEMENT UNIT CONTACT (NAME AND NUMBER) WILL NOT BE DIFFERENT PART OF THE CITY.
6. EXISTING STRUCTURES ARE DIFFER TO DISPERSED, NOR ENCROACHMENT ON ADJACENT PROPERTIES UNLESS INSTRUCTED BY THE CITY ENGINEER.
7. THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNERS CONTRACTOR FROM OBTAINING AND PAYING FOR, BUT NOT NECESSARILY PROVIDING, ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. APPROACH APPROVAL PERMITS, EXCEPT ALL RESTORATION AS PER CITY STANDARDS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, RIGHT-OF-WAYS AND SHALL PROVIDE FOR CLEANUP AT HIS OWN EXPENSE AS DIRECTED BY THE CITY. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO CONTROL DUST ON THE PROJECT AND HE SHALL PROVIDE AT HIS OWN EXPENSE, CONTROLLING MEASURES AS DIRECTED BY THE CITY.
9. ALL MATERIALS AND EQUIPMENT TO BE STORED OR PLACED ON THE PROJECT SHALL BE STORED OR PLACED AT HIS OWN EXPENSE, CONTROLLING MEASURES AS DIRECTED BY THE CITY AT THE OWNER'S COST.
10. THE PROPOSED SERVICE CONNECTIONS WITHIN MUNICIPAL RIGHT-OF-WAY TO BE INSTALLED BY THE CITY AT THE OWNER'S COST.

TO THE CITY OF TORONTO. THE CITY OF TORONTO SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. THE CITY OF TORONTO SHALL BE RESPONSIBLE FOR THE TREATMENT OF THE SOIL AND SHALL BE SODDED ACCORDING TO TS 5.0.0 AND TS 5.10.0.

THE LOCATION OF ALL UNDER-GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN AND, WHERE SHOWN ON THE DRAWINGS, THE ACCURACY OF THE LOCATION OF SUCH UTILITIES ARE NOT GUARANTEED. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DIMENSION OF ALL SUCH UTILITIES AND STRUCTURES BY CONSULTING THE APPROPRIATE AGENCIES. THE UTILITY COMPANIES SHALL BE NOTIFIED OF THE LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE OR RESTORATION TO SAME.

ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE SITE PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

ANY DISCREPANCIES BETWEEN SITE CONDITIONS AND CONSTRUCTION DRAWINGS MUST BE REPORTED TO THE CITY PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES NOT REPORTED TO THE CITY PRIOR TO ANY CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE CITY ENGINEER'S ADMINISTRATION.

THE EXISTING LAYOUT POINTS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE LAYOUT SHALL BE IMMEDIATELY REPORTED TO THE CITY.

ATTENTION IS DIRECTED TO THE POSSIBILITY OF EXISTING PRIVATE SPRINKLERS AND LIGHTING SYSTEMS WITHIN THE CITY OF TORONTO. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL SUCH SYSTEMS SHALL BE COMPLETED AT NO EXTRA COST TO THE CITY.

ALL DIMENSIONS OF THE EXISTING UTILITIES AND STRUCTURES ARE EXPRESSED IN MILLIMETERS UNLESS OTHERWISE NOTED.

ALL MATERIAL FOR SEWER, FORCEMAIN, WATERMAIN, HYDRANTS AND APPURTENANCES SHALL BE ACCORDING TO CITY OF TORONTO MATERIAL/MANUFACTURER SPECIFICATIONS AS REQUIRED BY CHAPTER 6, MATERIAL SPECIFICATIONS FROM DESIGN DRAWING.

UTILITY SEPARATION SHALL BE ACCORDING TO APPENDIX "D" OF THE CITY OF TORONTO DESIGN CRITERIA FOR SEWERS AND WATER MAINS.

SEWER CONNECTIONS AND UTILITY CUTS MADE IN ROAD PAVEMENTS SHALL BE BACKFILLED WITH UNSHRINKABLE FILL ACCORDING TO TS 4.6.0.

AT ALL CONSTRUCTION WAYSIDE THE PROPOSED WATERMAIN CROSSES UNDER OR ABOVE THE EXISTING SEWERS, OR UTILITIES, GRANULAR A BEDDING MATERIAL IS TO EXTEND FROM THE LOWER PIPE TO THE TOP OF THE UPPER PIPE, GRANULAR TO A BE MINIMUM 150mm MINIMUM VERTICAL CLEARANCE.

THE CONTRACTOR TO PROVIDE ADEQUATE SUPPORT DURING CONSTRUCTION BETWEEN THE NEW WATERMAIN AND EXISTING GAS MAINS. MINIMUM 300mm MINIMUM VERTICAL CLEARANCE BETWEEN THE NEW WATERMAIN AND EXISTING GAS MAINS IN DIAMETER. MAINTAIN 600mm MINIMUM VERTICAL CLEARANCES BETWEEN THE NEW WATERMAIN AND EXISTING GAS MAINS EQUAL TO OR GREATER THAN 300mm IN DIAMETER.

ALL EXISTING 300mm MINIMUM VERTICAL CLEARANCES BETWEEN THE NEW WATERMAIN AND EXISTING GAS MAINS SHALL BE SUPPORTED ACCORDING TO DRAWING 1-1007-01-4.

THE PROPOSED "COST" SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE INSTALLED BY THE CITY AT THE OWNER'S COST.

2. RECONSTRUCTION OF DRIVEWAY ENTRANCES SHALL BE ACCORDING TO TS-310.050-8
3. RESIDENTIAL CURB AND GUTTER SHALL BE PER CITY OF TORONTO T-600.05-1 AND T-600.07-1 WITH SLOPES AS PER T-260.05-8
4. CURB RADI AT INTERSECTIONS SHALL BE 7.6m unless otherwise.
5. EXISTING SIDEWALK RECONSTRUCTION ARE APPROXIMATE. ACTUAL LIMITS ARE TO BE CONFIRMED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
6. HEIGHT IS ESTABLISHED FROM THE CENTRELINE OF CONSTRUCTION AND GUTTER GRADES ARE CALCULATED ALONG THE GUTTER LINE.
7. CHARGE OF CURB FACES MAY VARY ALONG LENGTH OF GUTTER, AS SHOWN ON PROFILE, OR TO BE CONFIRMED IN THE FIELD. ALL CHARGES TO MATCH EXISTING CURBS OR NEWLY DESIGNED FEATURES INCLUDING BREAKING DOWN AND REMOVAL OF PORTION OF TOP OF STRUCTURES TO ALLOW FOR MINIMUM 150mm ADJUSTMENT.
8. SIDEWALK SHALL BE CONSTRUCTED WITH A LEDGE AT THE BACK OF THE CURB TO FACILITATE FUTURE SIDEWALK CONSTRUCTION.
9. FULL DEPTH SAW-CUTS ARE REQUIRED AT CONSTRUCTION LIMITS OF EXISTING CURB, SIDEWALK AND PAVEMENT UNLESS OTHERWISE NOTED.
10. SAW CUT EXISTING PAVEMENT, SIDEWALK, CURB, GUTTER, DRIVEWAYS, WALKWAYS, ETC. AT CONSTRUCTION LIMITS TO PROVIDE ACHIEVABLE FINISHES.
11. CONSTRUCTION PEDESTRIAN SIDEWALK MARKINGS WITH TACTILE WALKWAY SURFACE INDICATORS ACCORDING TO T-310.030-7, T-310.030-8, T-310.030-9, T-310.030-10 AND T-310.030-11.
12. CONSTRUCTION RAMP GRADING AND CONSTRUCTION SIDEWALK MARKINGS SHALL BE ACCORDING TO T-310.050.1.
13. ADJUSTMENT OF APPROACHES, WALKWAYS, AND STEPS MAY BE REQUIRED. LIMITS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
14. EXISTING ASPHALT THICKNESS MAY VARY, TAPER TO MATCH EXISTING AT CONSTRUCTION LIMITS (MINIMUM 2.0MM). EXISTING SIDWALK TO BE PLACED OVER EXISTING ASPHALT. ALL CATCH BASINS, STORM DRAINAGE, SILT TRAPS ARE TO BE CLEANED AND MAINTAINED PRIOR TO BE REMOVED. AT THE SAME TIME AS THE REMOVAL OF THE CATCH BASIN/S THE UNDERLAYS ARE SOILED OR BACKFILLED GRADED AND SOILED. FILLER FOR SILT CONTROL TO BE TERRA FIL 270R OR APPROVED EQUIVALENT.
15. SUPERPAVE ASPHALT MIXES SHALL BE ACCORDING TO TS1101 AND TS1151
16. ALL SUBGRADE PREPARATION WORK SHALL BE ACCORDING TO TS1101. SUBGRADE SHALL BE INSPECTED AND APPROVED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT AND COMPACTION.

[illegible]

1. PVC PIPE SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07 OR MOLECULAR ORIENTED POLYETHYLENE (HDPE) PIPES. WORKING IN SIZE FROM 100mm to 300mm in DIAMETER. CLASS 235 AWWA C900-07. PVC FIBRE REINFORCED (FRP) PIPES SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07. PVC FIBRE REINFORCED (FRP) PIPES SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07.

2. THE MINIMUM COVER FOR FLEXIBLE PIPE SHALL BE ACCORDING TO ISO 8020-01 AND USING GRANULAR A ACCORDING TO TS 1010 AND COMPACTED TO MINIMUM 88% OF MAXIMUM DRY DENSITY.

3. MINIMUM COVER ON WATERMAINS SHALL BE 1.8m.

4. ALL HYDRANTS SHALL BE CONSTRUCTED ACCORDING TO T-1105-01.

5. HYDRANT LEADS SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07 OR PRESSURE CLASS 235 AWWA C909-08.

6. FIRE HYDRANT VALVES SHALL BE MINIMUM DR 100mm, TYPE 11-104-02.1, T-1104-02.2, T-1105-02.1 AND T-1105-02.2.

7. FIRE HYDRANT SERVICE CONNECTIONS SHALL BE A MINIMUM OF 19mm DIA., TYPE 50FT COPPER ACCORDING TO T-1104-01.

8. WHEN SERVICE LENGTH EXCEEDS 30m, THE DIAMETER SHALL BE 25mm DIA.

9. ALL CURB AND VALVE BOXES TO BE LOCATED AT STREET LINE.

10. ALL VALVES SHALL BE INSTALLED AT STREET LINE. ALL FITTINGS, BENDS, TEES, CROSSES, REDUCERS AND VALVES FOR ALL WATERMAIN SIZES. MECHANICAL RESTRAINTS AT JOINTS SHALL BE INSTALLED AT EVERY JOINT 6mm OF EITHER SIDE OF JOINT.

11. ALL TEES, PLUS/US, HORIZONTAL, VERTICAL BENDS, REDUCERS AND HYDRANTS TO HAVE CONCRETE THROAT GASKETS ACCORDING TO T-1105-02.1.

12. WATERMAINS MUST FOLLOW ONTARIO MINISTRY OF THE ENVIRONMENT PROCEDURE #6-1 THAT GOVERN THE SEPARATION OF SEWERS AND WATERMAINS A MINIMUM VERTICAL CLEARANCE OF 0.30m when CROSSING OVER and 0.5m when CROSSING UNDER. ALL VALVES SHALL BE LOCATED AT STREET LINE. ALL VALVES SHALL BE INSTALLED AT STREET LINE. ALL VALVES SHALL BE MINIMUM 400mm WIDE IN A VALVE BOX ACCORDING TO T-1101-02.2. ALL VALVES 400mm AND ABOVE SHALL BE INSTALLED AT STREET LINE.

13. SACRIFICIAL ANODES SHALL BE INSTALLED ON ALL METALLIC PIPES AND APPURTENANCES, WATER SERVICES AND FITTINGS ACCORDING TO T-1104-04, T-1106-05, T-1106-06 AND T-17-22.

14. TRACER WIRE INSTALLATION SHALL BE ACCORDING TO T-1104-04.1, T-1106-05.3 AND T-1106-06.3.

15. HYDROSTATIC PRESSURE TEST AND LEAKAGE TESTING OF THE WATERMAIN SHALL BE ACCORDING TO TS 1841.

16. ALL WATERMAIN SHALL BE INSTALLED AT STREET LINE. ALL VALVES SHALL BE INSTALLED AT STREET LINE. ALL TESTS ARE SATISFACTORILY COMPLETED.

17. ALL WATERMAIN TO BE INSTALLED AT STREET LINE. ALL VALVES SHALL BE INSTALLED AT STREET LINE. ALL TESTS ARE SATISFACTORILY COMPLETED.

18. DISINFECTION OF THE WATERMAIN SHALL BE ACCORDING TO TS 7.30 AND SHALL INCLUDE ALL NEW WATER SERVICES 100mm AND ABOVE.

19. TOWN WATER REQUIRES THAT THE NEW DISTRIBUTION SYSTEM REMAIN ISOLATED UNTIL SATISFACTORY BACTERIOLOGICAL RESULTS ARE OBTAINED. THE NEW DISTRIBUTION SYSTEM SHALL BE ISOLATED UNTIL SATISFACTORY BACTERIOLOGICAL RESULTS ARE OBTAINED. TO PROCEED WITH REMOVAL OF THE BLOW-OFF AND BACK FILLING OF THE ACCESS PIT.

20. AFTER SATISFACTORY DISINFECTION OF THE NEW WATERMAIN IS ACHIEVED, PERMANENT CONNECTIONS TO THE EXISTING WATERMAIN SHALL BE MADE.

21. CITY N-SERVICE WATER VALVES, CURB STOPS, FIRE HYDRANTS CAN ONLY BE OPERATED BY TOWN WATER STAFF.

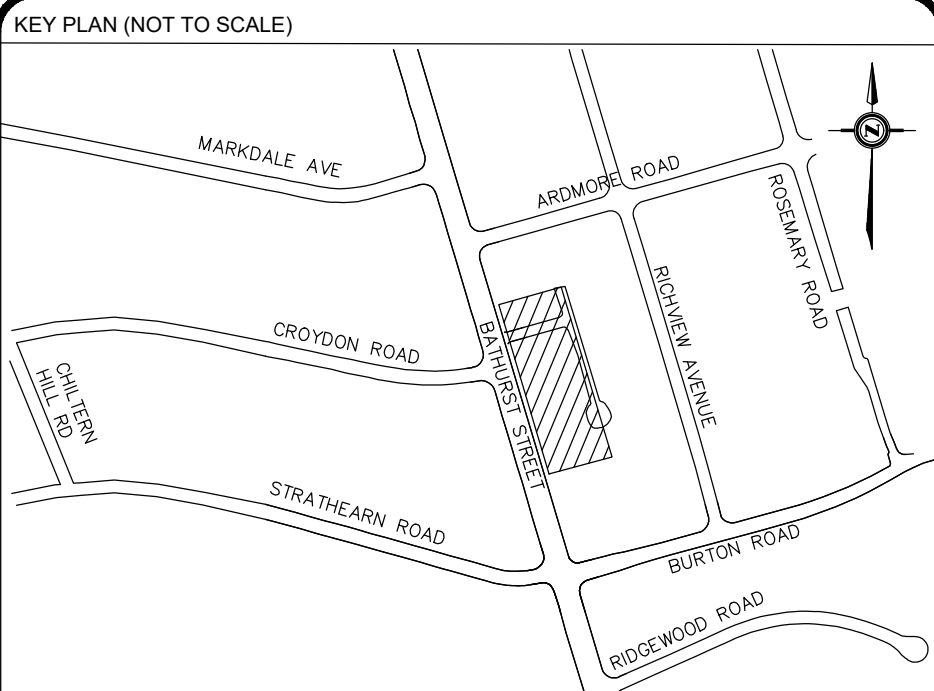
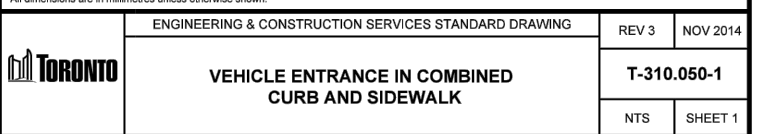
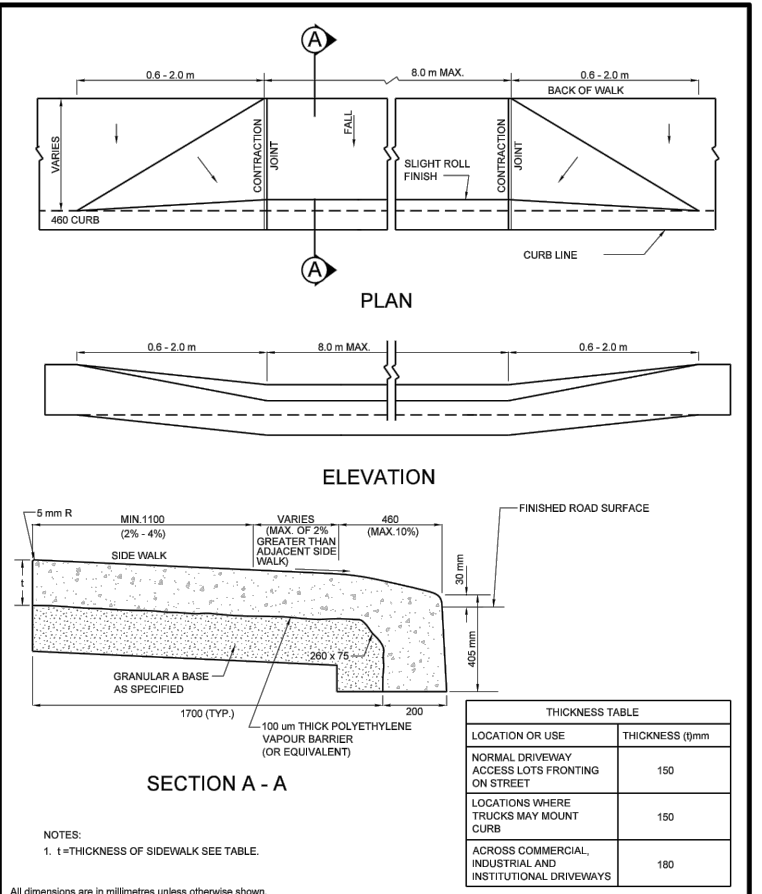
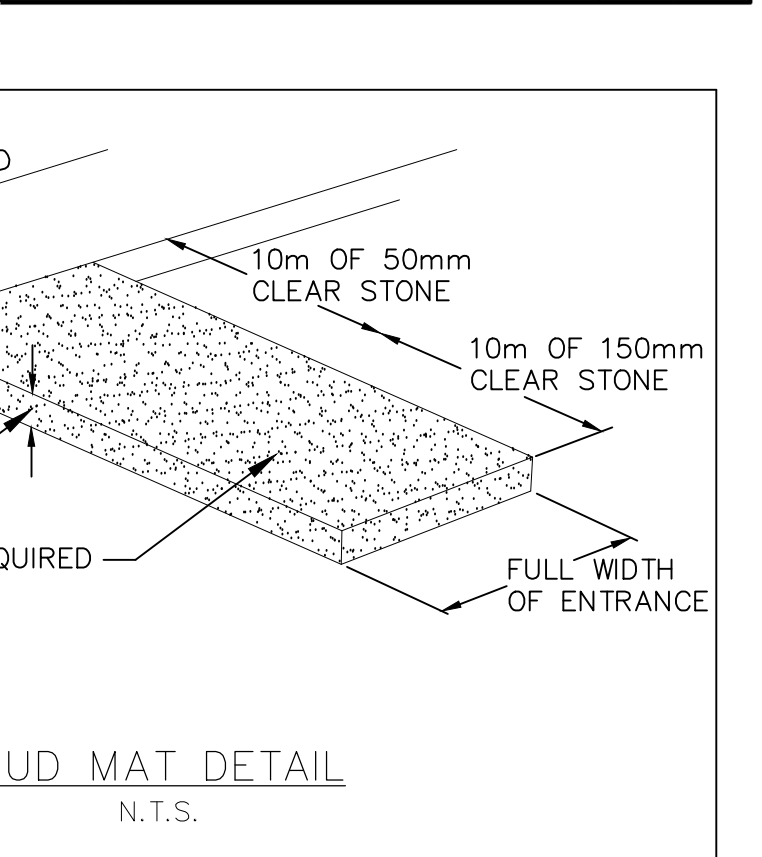
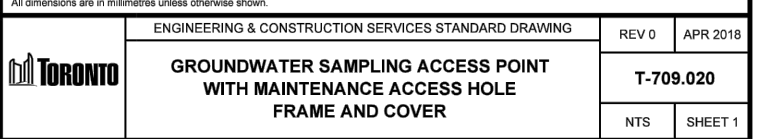
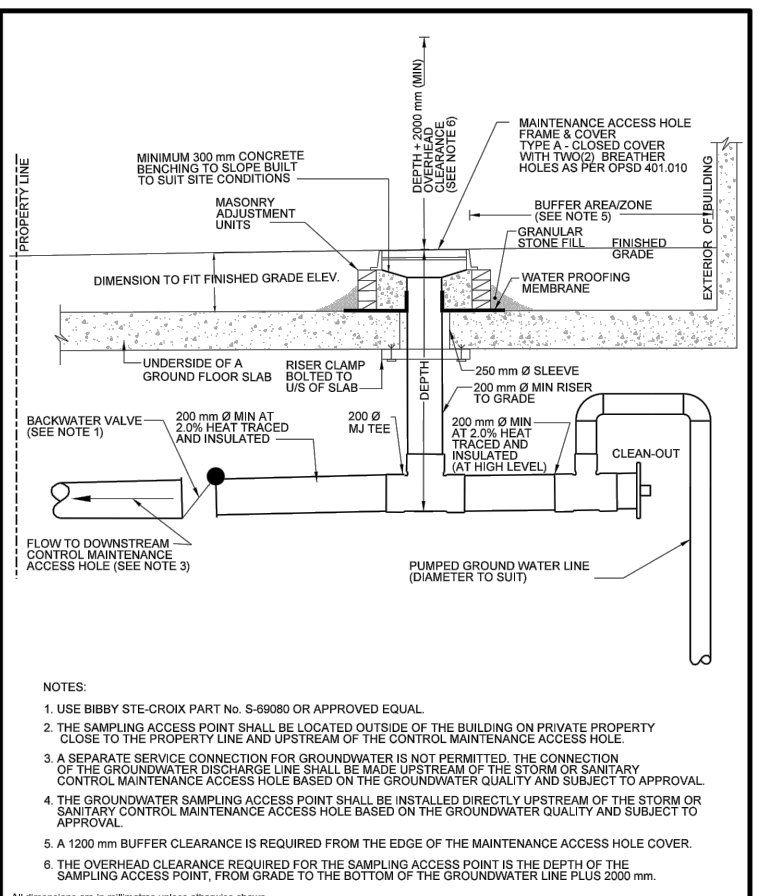
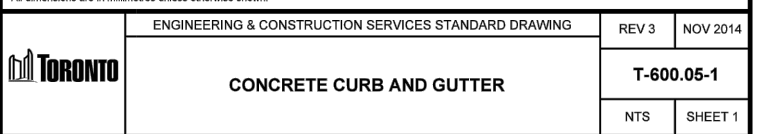
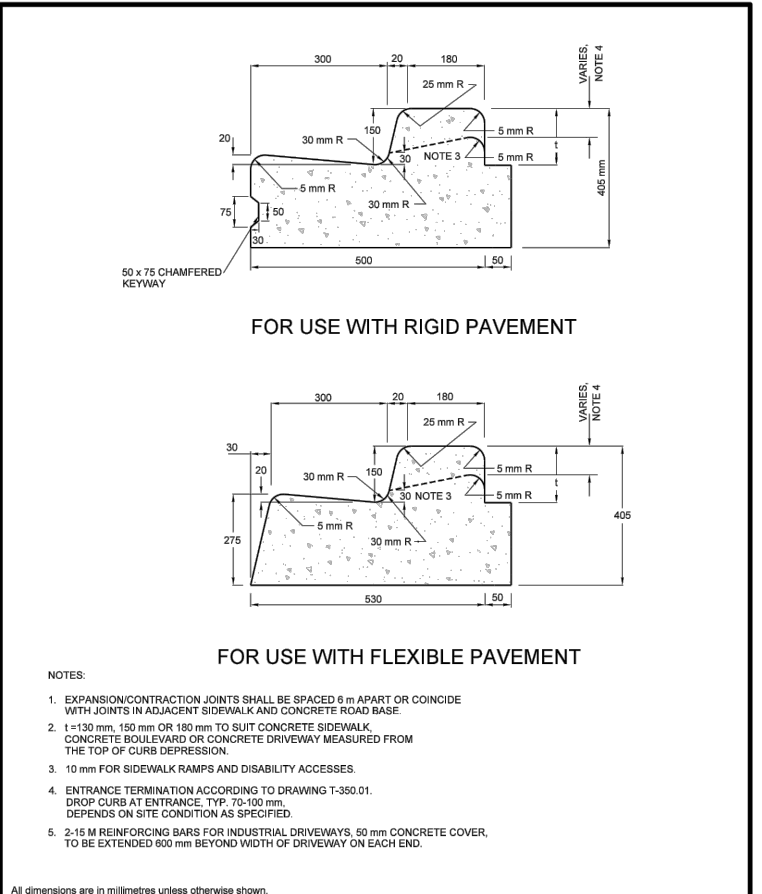
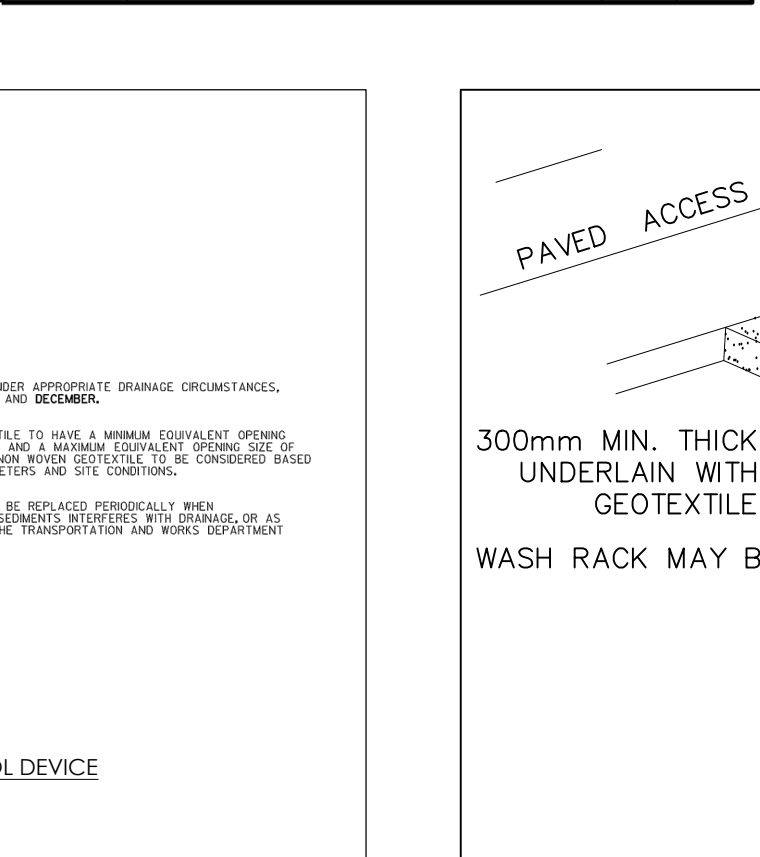
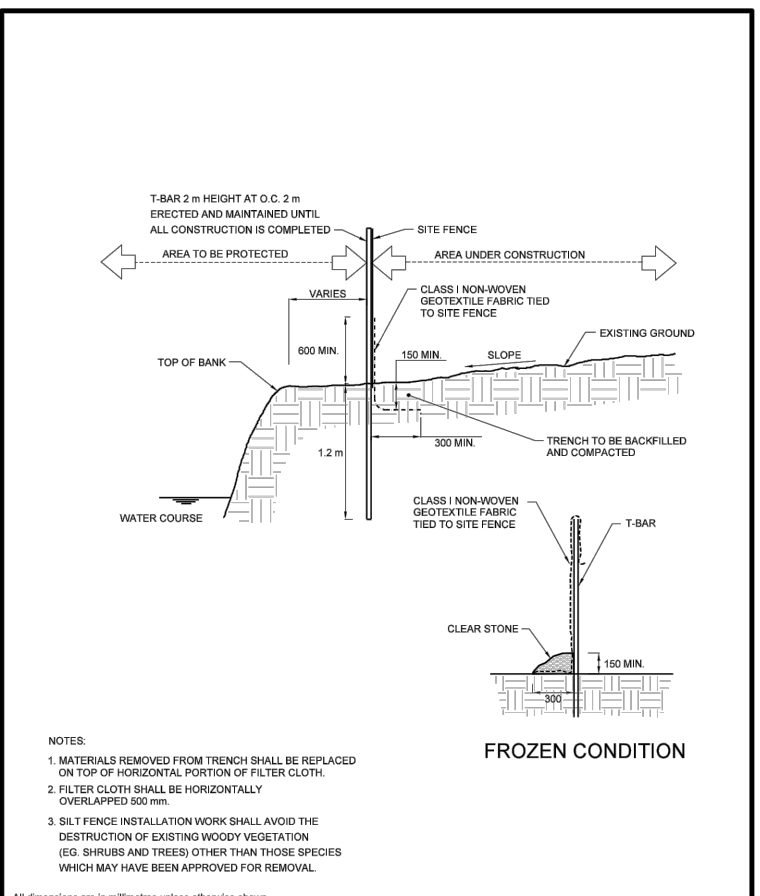
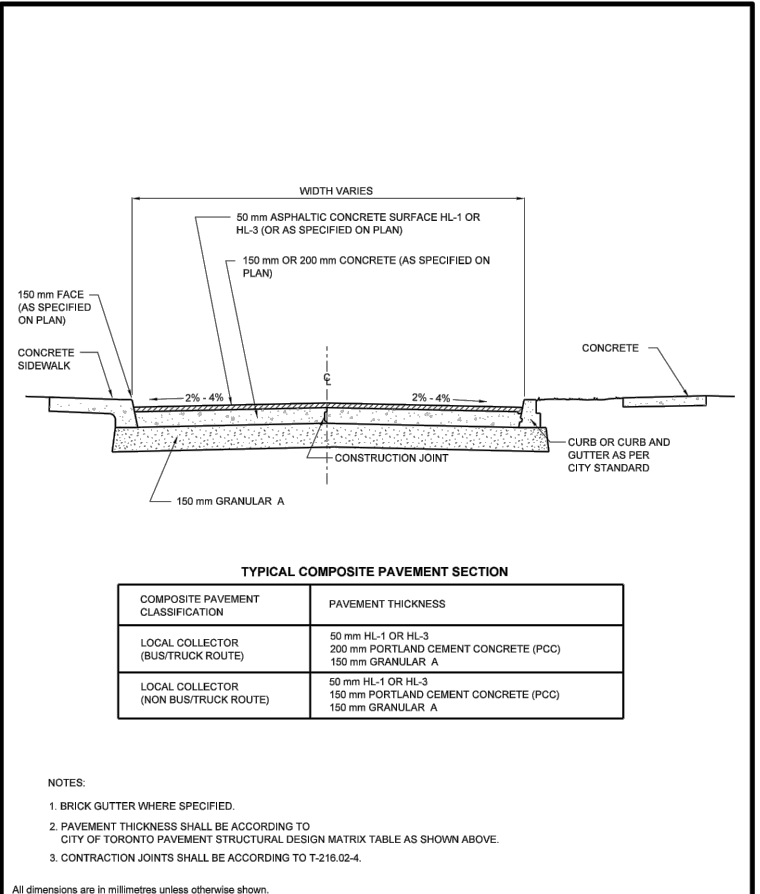
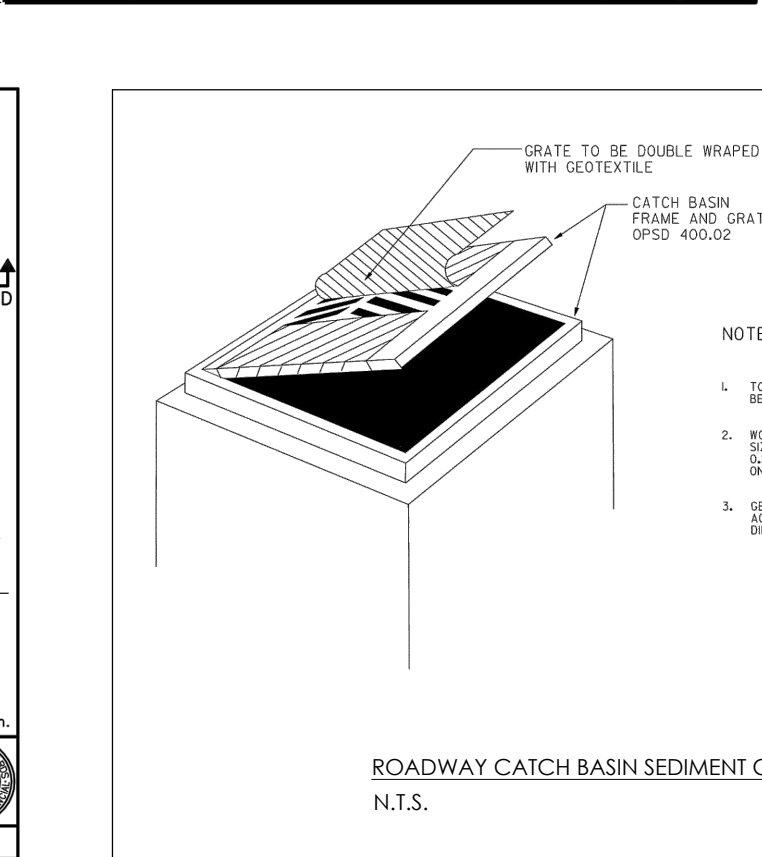
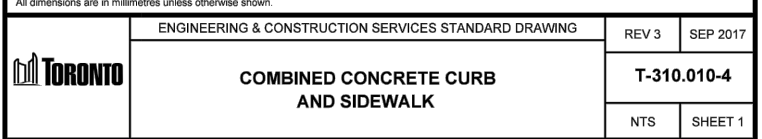
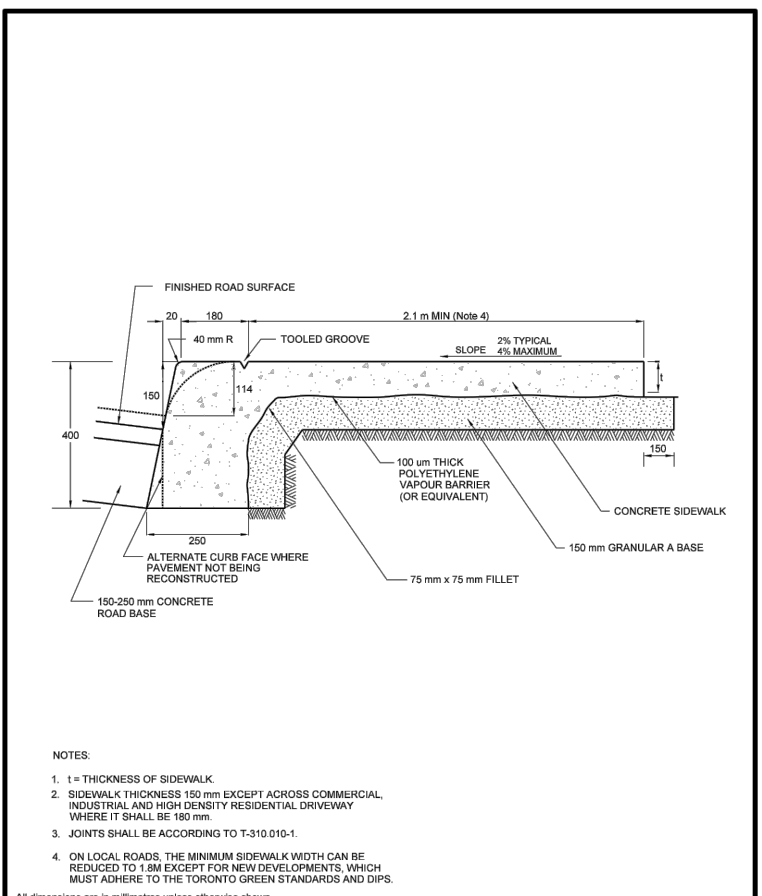
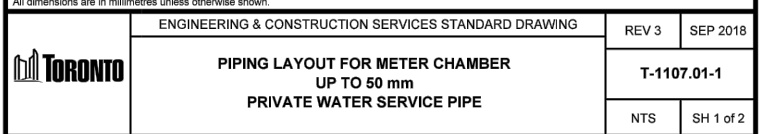
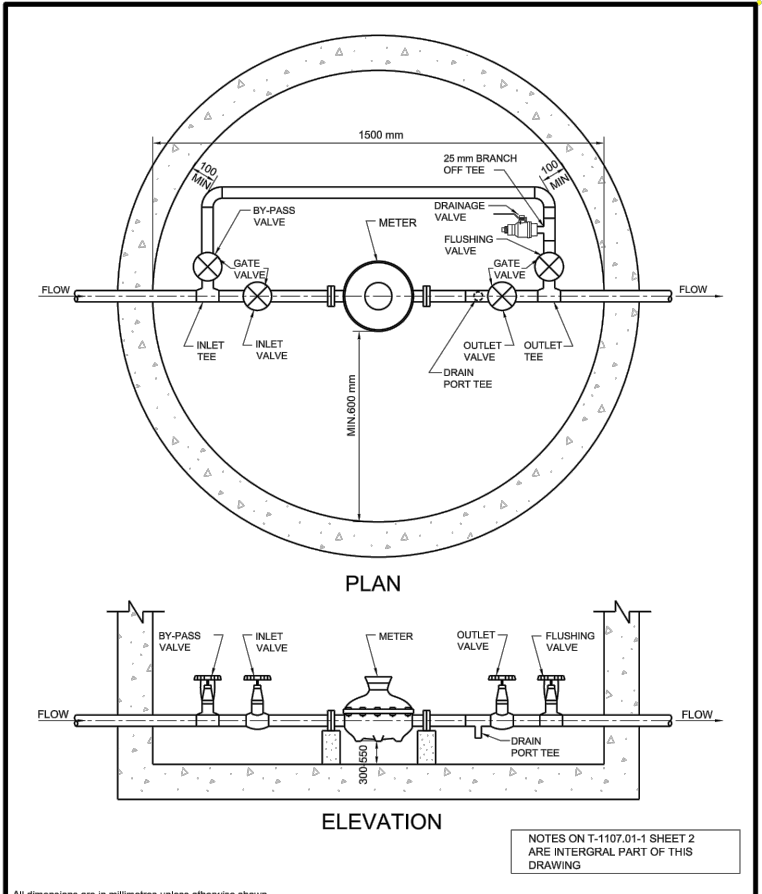
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND WATERMAIN.

23. THE CONTRACTOR SHALL CONNECT OR RECONNECT ALL STRAY CURRENT DRAGAGE CABLES CONNECTED TO THE TTC ELECTRIFIED RAIL SYSTEM ENCOUNTERED DURING WATERMAIN CONSTRUCTION.

24. ALL THIS PROVISION OF CITY WATERMAIN SHALL BE ACCORDING BY OR UNDER THE SUPERVISION OF, A CERTIFIED APPRAISER IN ACCORDANCE WITH ONTARIO REGULATION 128/04.

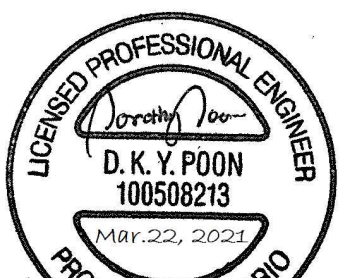
1. PIPES ARE NOT TO BE LAID ON FILL UNTIL THE FIELD DENSITY TEST REPORTS HAVE BEEN SUBMITTED AND APPROVED BY THE ENGINEER.
2. FILL TO BE PLACED TO A MINIMUM OF 600mm ABOVE THE WATERMAIN GRADES AND TO 3 METERS MINIMUM ON EACH SIDE PRIOR TO WATERMAIN LAYING COMPACTED TO A MINIMUM OF 100 PERCENT STANDARD PROCTOR DENSITY IN 300mm LIFTS.
3. SOIL DENSITY TESTS SHALL BE TAKEN ALONG CENTRELINE OF THE WATERMAIN AND LINES 1.5 METRES ON EITHER SIDE OF SAME AT A MAXIMUM INTERVAL OF 30 METRES. TESTS TO BE TAKEN AT EACH 600mm LIFT.
4. ALL HYDRANTS, TEES, VALVES, BENDS, PLUGS AND EACH PIPE JOINT ARE TO BE MECHANICALLY RESTRAINED.
5. PIPE JOINT DEFLECTIONS ARE NOT ALLOWED.

1. ALL EXISTING SEWERS ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION, INCLUDING SEWER INVERTS, MATERIAL, AND SIZE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
2. ALL NEW 12" PIPES SHALL BE 30" SD.
3. ALL SANITARY SEWER PIPES SMALLER THAN 300mm shall BE 12" PVC AND HAVE SMOOTH INTERIOR AND EXTERIOR SURFACES. ALL 30" AND LARGER PIPES SHALL BE 30" DI. ALL PIPES SHALL BE 10' LONG AND SHALL BE COMPOSED OF REINFORCED CONCRETE AND COMPLY WITH OPSS 1860 MATERIAL SPECIFICATION.
4. ALL EXISTING 30" AND LARGER SEWERS SHALL BE STEEL REINFORCED CONCRETE AND SHALL CONFORM TO OPSS 1820 MATERIAL SPECIFICATION.
5. SANITARY SEWER CONNECTIONS SHALL BE SINGLE, 150mm DIAMETER MINIMUM, PVC DR 28 INSTALLED AT 2' MINIMUM COVER.
6. STORM SEWER CONNECTIONS SHALL BE SINGLE, 150mm DIAMETER MINIMUM, PVC DR 28, CLASS B182-06 CERTIFIED, AND ASTM D3034-04A.
7. ALL 12" AND LARGER PIPES SHALL BE 10' LONG AND SHALL BE COMPOSED OF REINFORCED CONCRETE, NATIVE OR GRANULAR A-RAM ACCORDING TO T-1010 AND COMPACTED TO MINIMUM 98% OF MAXIMUM DRY DENSITY.
8. BEDDING FOR ALL 12" AND LARGER PIPES SHALL BE 150mm MINIMUM THICKNESS OF 100% WASHED SAND, NATIVE OR GRANULAR A-RAM, OR BEDDING MATERIAL, ACCORDING TO T-1010 AND COMPACTED TO A MINIMUM OF 98% OF MAXIMUM DRY DENSITY.
9. ULTRA-HIGH PRESSURE IS NOT PERMITTED WITHIN THE MUNICIPAL RIGHT-OF-WAY.
10. MAINTENANCE HOLES SHALL BE ACCORDING TO T-701.010 (1200mm), T-701.011 (1500mm), T-701.012 (1800mm) OR T-701.013 (2400mm). FRAME AND COVER SHALL BE ACCORDING TO OPSS 410.010 TYPE A-CLOSED (SANITARY AND STORM).
11. MAINTENANCE HOLE CHAMBER OPENING MUST BE LOCATED ON THE UPSTREAM SIDE OF THE MAINTENANCE HOLE.
12. ALL MAINTENANCE HOLES SHALL BE ACCORDING TO T-1003.01 (EXTERNAL) AND T-1003.01-2 (INTERNAL).
13. SADDLE MAINTENANCE HOLES SHALL HAVE WATER-TIGHT FRAMES AND COVERS IN VERTICAL OPENING AREA ACCORDING TO OPSS 410.050.
14. REINFORCED CONCRETE PIPE SHALL BE MINIMUM 650' HEIGHT OF FILL TO BE VERIFIED USING OPSS DATA 807.010 AND 807.020.
15. NON-REINFORCED CONCRETE PIPE 150mm TO 250mm SHALL BE CLASS 3. HEIGHT OF FILL TO BE VERIFIED USING OPSS DATA 807.010 AND 807.020.
16. SINGLE CATCHBASINS SHALL BE ACCORDING TO T-705.010 COMPLETE WITH GOSS TRAP, WHERE SPECIFIED, FRAME AND COVER SHALL BE ACCORDING TO OPSS 410.050.
17. DOUBLE CATCHBASINS SHALL BE ACCORDING TO T-705.020 COMPLETE WITH GOSS TRAP, WHERE SPECIFIED.
18. CATCHBASIN LEADS TO BE 250mm PVC DR 35 FOR SINGLE CATCHBASINS AND 300mm PVC DR 35 FOR DOUBLE CATCHBASINS.
19. CONNECTION DETAIL FOR SEWER PIPE AT CATCHBASINS AND MAINTENANCE HOLES SHALL BE ACCORDING TO T705.010.
20. STORM SEWER CONNECTION PIPE SHALL BE PVC SDR-28, CLASS B182-06 CERTIFIED, AND ASTM D3034-04A.
21. SERVICE CONNECTIONS TO EXISTING SEWERS THAT THE FLOW MUST BE MAINTAINED IN THE EXISTING SEWER CONNECTION MUST BE CONNECTED TO THE EXISTING SEWER BY A 150mm DIAMETER, WHERE APPLICABLE. THE CONNECTION WILL TERMINATE AT THE PROPERTY LINE AND MUST BE PROPERLY PLUGGED. THE OPENING FOR THE CONNECTION SHALL BE MADE IN THE EXISTING SEWER BY CUTTING THE EXISTING SEWER WITH A 150mm DIAMETER. EXCEED THE OUTSIDE DIAMETER OF THE SADDLE BRANCH INVERT BY 25mm; where core drilling is NOT POSSIBLE, THE BRANCH MUST BE MADE IN THE EXISTING SEWER BY CUTTING THE EXISTING SEWER WITH A 150mm DIAMETER. CONNECTIONS MUST BE LAID ON SOLID GROUND AND MUST HAVE A MINIMUM OF 75mm of CLASS B BEDDING.

[illegible]

ACCEPTED TO BE IN ACCORDANCE WITH  
THE CITY OF TORONTO STANDARDS.  
THIS ACCEPTANCE IS NOT TO BE  
CONSTRUED AS VERIFICATION OF  
ENGINEERING CONTENT.

MANAGER, DEVELOPMENT ENGINEERING					
DATE _____					
3	RE-ISSUED FOR ZBA & SPA SUBMISSION	MAR. 22, 2021	D.P.	B.H.	
2	RE-ISSUED FOR ZBA & SPA SUBMISSION	SEPT. 08, 2020	D.P.	B.H.	
1	ISSUED FOR ZBA & SPA SUBMISSION	DEC. 16, 2019	D.P.	B.H.	
No.	Revision	Date	By	App.	



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1637-1645 BATHURST STREET  
CITY OF TORONTO

Designed By:	D.P.	Drawn By:	J.W.
Scale:	N.T.S.	Date:	DECEMBER 05, 2019
Project No.:	20284	Checked By:	B.H.
		Drawing No.:	C-06