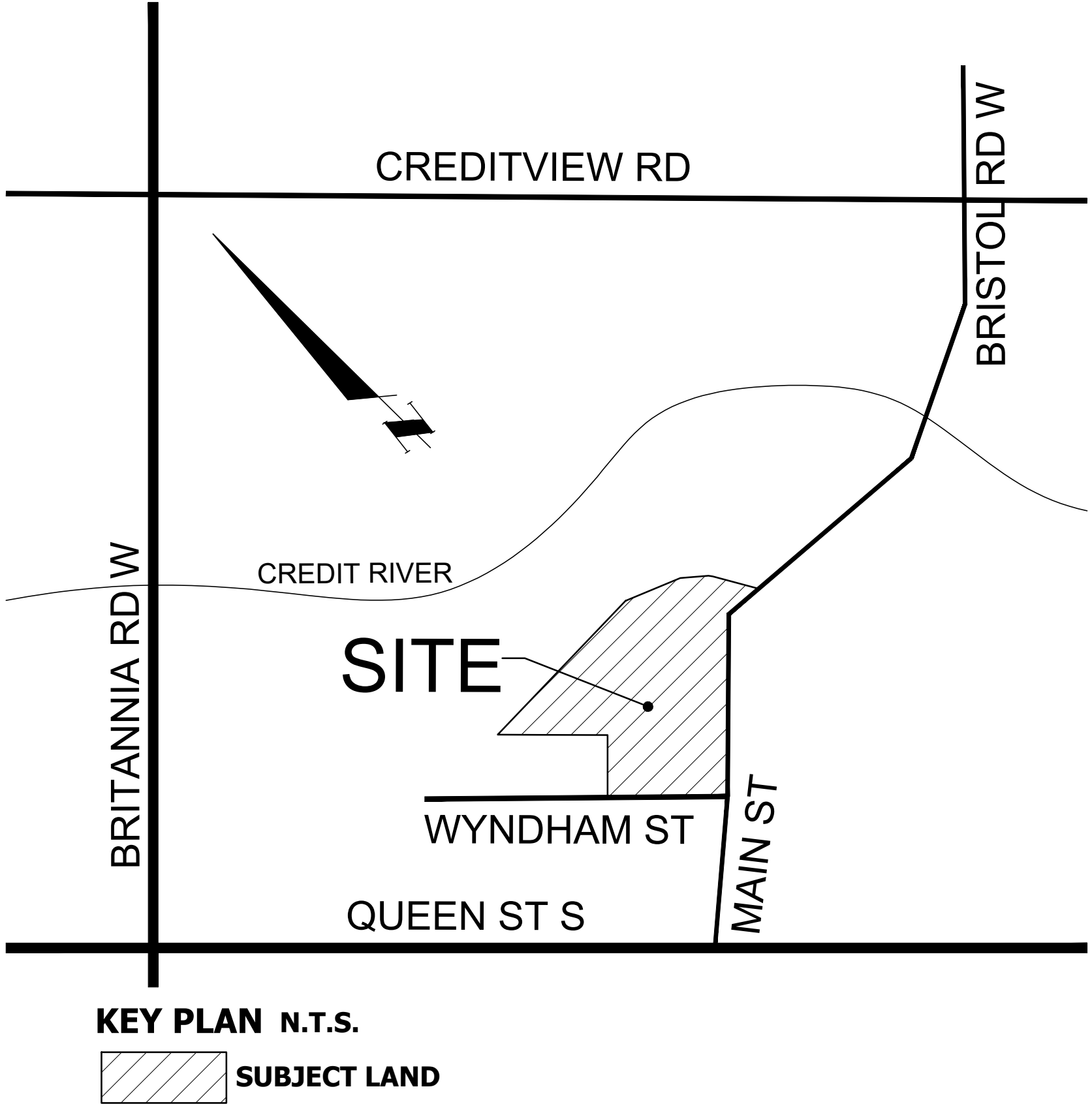


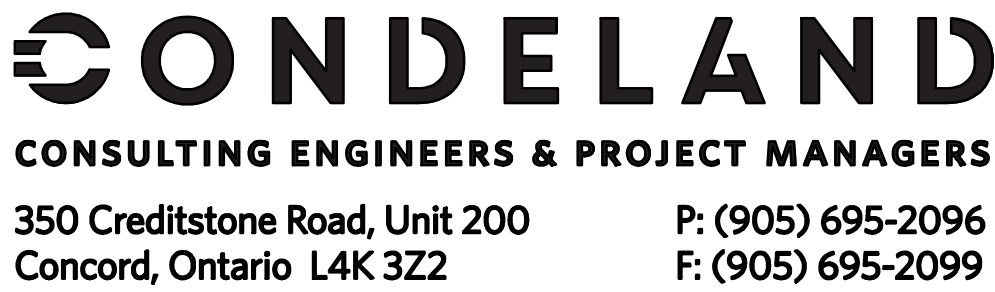
2576954 ONTARIO INC. PROPOSED CONDOMINIUM TOWNHOUSE DEVELOPMENT

CITY OF MISSISSAUGA
CITY FILE: 21T-M 17007



DRAWING INDEX

GENERAL NOTES	17-018-01
SERVICING PLAN	17-018-02
GRADING PLAN	17-018-03
PRE-DEVELOPMENT STORM TRIBUTARY PLAN	17-018-04
POST DEVELOPMENT STORM TRIBUTARY PLAN	17-018-05
SANITARY TRIBUTARY AREA	17-018-06
EROSION AND SEDIMENTATION CONTROL PLAN	17-018-07
CITY STANDARD DETAILS	17-018-08
O.P.S.D. STANDARD DETAILS	17-018-09



GENERAL NOTES

1. STANDARD DRAWINGS OF THE CITY OF MISSISSAUGA,CONSTITUTE PART OF THE PLANS OF THE CONTRACT
2. INFORMATION REGARDING ANY EXISTING SERVICES AND/OR UTILITIES SHOWN IN THIS SET OF PLANS IS FURNISHED AS THE BEST AVAILABLE INFORMATION.THE CONTRACTOR SHALL INTERPRET THIS IFORMATION AS HE SEES FIT WITH THE UNDERSTANDING THAT THE OWNER AND CITY DISCLAIMS ALL RESPONSIBILITY FOR ITS ACCURACY AND/OR SUFFICIENCY.
3. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND HE SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.(DETAILS ARE NOT TO BE SCALED FROM THE DRAWING)
4. THE NOTES ON THIS SHEET APPLY TO ALL WORKS UNDER THIS CONTRACT UNLESS OTHERWISE NOTED ON PLAN/PROFILE AND/OR DETAIL DRAWINGS.
5. ALL AREAS DISTURBED OUTSIDE THE PLAN BY THE CONTRACTOR DURING THE CONSTRUCTION OF THE WORKS SHOWN HEREON SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. ALL GRASS AND VEGETATION COVERED AREAS SHALL BE RESTORED BY PLACING 150MM OF APPROVED TOP SOIL AND SOD TO THE SATISFACTION OF THE CITY, UNLESS OTHERWISE NOTED.
6. STREET LIGHTS SHALL BE LOCATED IN POSITIONS AS PER APPROVED LOCATION.
7. APPROVED FILL MATERIAL TO BE COMPACTED TO A DRY DENSITY OF NOT LESS THAN 95% OF THE STANDARD PROCTOR DENSITY.AFTER COMPACTION SOIL DENSITY TESTS SHALL BE CONDUCTED TO ENSURE ADEQUATE COMPACTION AND STABILITY OF THE FILL AND TEST RESULTS SHALL BE SUBMITTED TO THE CITY.
8. THE SUPERVISION OF PLACEMENT AND COMPACTION AND CERTIFICATION OF ALL ENGINEERED FILL AREAS SHALL BE THE RESPONSIBILITY OF THE GEOTECHNICAL ENGINEER FOR THE PROJECT.
9. ALL CONSTRUCTION WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
10. ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.C. MANUAL "UNIFORM TRAFFIC CONTROL DEVICES" LATEST EDITION.
11. REFERENCE TO STANDARD DRAWINGS SHALL MEAN THE STANDARD DRAWINGS OF THE CORPORATION OF THE CITY OF MISSISSAUGA AND UNLESS NOTED OTHERWISE THESE SHALL BE THE REVISION IN EFFECT AS OF THE DATE OF THE CITY'S APPROVAL OF THE CONSTRUCTION DRAWINGS.

ROADS

1. ALL EXISTING UTILITIES SHOWN ON PLAN ARE FOR REFERENCE PURPOSES ONLY THE CONTRACTOR SHALL SATISFY HIMSELF AS TO ACTUAL LOCATION AND DEPTH, AND SHALL BE LIABLE FOR ALL DAMAGES.
2. ALL EXISTING MANHOLE TOPS, VALVE CHAMBERS, GAS BREATHERS ETC.TO BE ADJUSTED TO FINISHED GRADE.
3. THE CITY WILL ARRANGE FOR THE RELOCATION OF ANY CONFLICTING H.E.P.C.POLES OR GUY WIRES.
4. EXISTING CATCHBASINS AFFECTED BY ROAD CONSTRUCTION SHALL BE REMOVED AND GRATES RETURNED TO THE CITY YARD ON BERING AVE., UNLESS OTHERWISE NOTED.CONNECTIONS WHICH ARE TO BE ABANDONED SHALL BE PLUGGED WITH CONCRETE.
5. UNLESS OTHERWISE NOTED THE CONTRACTOR SHALL REMOVE ALL CSP'S AFFECTED BY THE CONSTRUCTION AND DISPOSE OF SAME AT DUMP SITE.
6. ALL INTERNAL CURBS TO BE CONSTRUCTED AS PER OPSD 600.070 or 600.06, STANDARD TWO STAGE CURB AND GUTTER CURB AND GUTTER PER OPSD 600.04 FOR MUNICIPAL ROAD REPLACEMENTS SUPERELEVATED CURB & GUTTER PER OPSD 600.04 FOR MUNICIPAL MEDIAN/ISLAND REPLACEMENTS
7. CONCRETE SIDEWALK TO BE CONSTRUCTED IN ACCORDANCE WITH CITY STD. 2240.01 & 2240.04. 180mm THICKNESS ACROSS DRIVEWAYS

PERFORMANCE ASPHALTIC CONCRETE PAVEMENT STRUCTURE

PAVEMENT LAYER	COMPACTIONS REQUIREMENTS	CAR PARKING MINIMUM COMPONENT THICKNESS	DRIVEWAY/FIRE ROUTE MINIMUM COMPONENT THICKNESS
Surface Course Asphaltic Concrete: HL3 (OPSS 1150) with PG asphalt cement (OPSS 1101)	as per OPSS310	40mm	40mm
Base Course Asphaltic Concrete: HLB (OPSS 1150) with PG asphalt cement (OPSS 1101)	as per OPSS310	50mm	80mm
Base Course: Granular "A" or 19mm Crusher Run Limestone (OPSS 1010 and Pertinent City Specifications)	100% Standard Proctor Maximum Dry Density	150mm	150mm
Subbase Course: Granular "B" or 50mm Crusher Run Limestone (OPSS 1010 and Pertinent City Specifications)	98% Standard Proctor Maximum Dry Density	300mm	450mm

CONSTRUCTION & RESTORATION WORKS FOR MUNICIPAL R.O.W.s.
WYNDHAM STREET AND MAIN STREET

1. PROPOSED STORM, SANITARY, AND WATER BUILDING CONNECTIONS WITHIN EXISTING MUNICIPAL R.O.W.s ARE TO BE BACKFILLED WITH UNSHRINKABLE FILL UP TO BASE OF EXISTING ROAD GRANULAR. EXISTING ROAD GRANULAR AND ASPHALT TO BE MATCHED WITH MINIMUM THICKNESS IN ACCORDANCE WITH CITY STANDARD 2220.03.
2. TRENCH CONSTRUCTION / RESTORATION SHALL BE IN ACCORDANCE WITH CITY STANDARDS 2220.03, 2220.031, AND 2220.032.
3. BOULEVARD AREAS SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.

IF AN EXISTING SEPTIC SYSTEM IS ON THE PROPERTY, IT MUST BE DECOMMISSIONED AND REMOVED ACCORDING TO ALL APPLICABLE GUIDELINES AND REGULATIONS.

IF A WELL IS DISCOVERED ON THE PROPERTY, IT MUST BE DECOMMISSIONED BY A LICENSED WELL CONTRACTOR OR TECHNICIAN IN ACCORDANCE WITH THE ONTARIO WATER RESOURCES ACT REGULATION 903 (formerly 612/84) AND ANY OTHER APPLICABLE REGULATIONS AND GUIDELINES.

STORM

1. ALL LOCATIONS & ELEVATIONS OF EXISTING UTILITIES SHOWN ON PLAN OR PROFILE ARE FOR REFERENCE PURPOSES ONLY.THE CONTRACTOR SHALL SATISFY HIMSELF AS TO ACTUAL LOCATION & DEPTH AND SHALL BE LIABLE FOR DAMAGES.
2. MANHOLES TO BE CONSTRUCTED AS PER MTA STD 2113.01
3. ALL PIPE BEDDING TO BE CLASS 'B' AS PER MTA 351 UNLESS OTHERWISE NOTED.
4. ALL CONCRETE PIPE TO CONFORM TO CSA SPECIFICATION A-2571 OR A-2572 FOR LARGER THAN 450mm DIA.
5. CATCHBASIN TO BE 600mm SQ.PRECAST CONCRETE UNITS AS PER AS PER STD 2114.01 UNLESS OTHERWISE NOTED.

REGION OF PEEL STANDARD NOTES

1. ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
2. WATERMAIN AND / OR WATER SERVICE MATERIALS 100mm AND LARGER MUST BE POLYVINYL CHLORIDE (P.V.C) CLASS 150, A.W.W.A. C900-75. SIZE 50mm AND SMALLER MUST BE COPPER TYPE 'K' SOFT, A.S.T.M. B88-49.
3. WATERMAIN AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m WITH A MINIMUM HORIZONTAL SPACING OF 1.2m FROM THEMSELVES AND ALL OTHER UTILITIES.
4. PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING ETC. MUST BE PROVIDED WITH AT LEAST A 50mm OUTLET ON 100mm AND LARGER LINES. COPPER LINES ARE TO HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPED TO ALLOW THE WATER TO DRAIN ONTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES, FLUSHING OUTLET TO BE 100mm DIA. MINIMUM ON A HYDRANT.
5. ALL CURB STOPS TO BE 3.0m OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
6. HYDRANT AND VALVE SET TO REGION STANDARD 1-6-1 DIMENSION A AND B, 0.7m AND 0.9m AND TO HAVE PUMPER NOZZLE.
7. WATERMANS TO BE INSTALLED TO GRADES AS SHOWN ON APPROVED SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
8. WATERMANS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.30m OVER / 0.50m UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.
9. ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING AND CHLORINATING FROM EXISTING SYSTEMS.

REGION OF PEEL NOTES:

THE APPLICANT, APPLICANT'S REPRESENTATIVE, CONSULTANT, CONTRACTOR AND SUB CONTRACTOR ARE RESPONSIBLE TO ENSURE THAT THEIR DESIGN AND CONSTRUCTION PRACTICES CONFORMS TO THE LATEST REGION OF PEEL STANDARDS, SPECIFICATIONS AND DESIGN CRITERIA POSTED ON THE REGION OF PEEL'S WEBSITE.

SANITARY SEWER DATE

1. PIPE CLASSIFICATION UNLESS OTHERWISE NOTED.
- A) P.V.C. SDR 36 OR AS SPECIFIED ON DRAWING AND CONFORM TO C.S.A. SPECIFICATION B182.2 (A.S.T.M. D3034) OR LATEST REVISION THEREOF.
- B) FITTINGS SHALL CONFORM TO A.S.T.M. SPECIFICATIONS D3034 AND JOINTS SHALL BE BELL AND SPIGOT WITH RUBBER GASKET.
2. RIGID SEWER PIPE SHALL BE ENCASED IN 20MPa CONCRETE FROM EACH MANHOLE TO THE FIRST PIPE JOINT. ENCASEMENT TO EXTEND FROM UNDISTURBED GROUND TO MINIMUM AT 300mm ABOVE THE TOP OF PIPE.
3. MANHOLE TO BE AS PER R.P. STDs. 2-1-1, 2-1-4, 2-1-5, 2-2-1, 2-2-2, AND 2-2-4.
4. BEDDING TO BE TYPE 'B' AS PER R.P. STD. 2-3-1 (UNLESS OTHERWISE NOTED)
5. PREMIUM RUBBER GASKETS TO BE USED THROUGHOUT SANITARY SEWER SYSTEM.
6. MAXIMUM TRENCH WIDTH AT TOP OF PIPE OPSD. 806.02, 806.040 AND 806.060.
7. THE CONTRACTOR/DEVELOPER WILL BE RESPONSIBLE FOR SUPPLYING EXTRA BEDDING AND/OR STRONGER PIPE IF ACTUAL TRENCH WIDTH EXCEEDS THE DESIGN WIDTH.
8. ALL SANITARY CONNECTIONS AT STREET LINE MUST BE LOWER THAN THE STORM CONNECTION.
9. ALL SEWERS CONSTRUCTED WITH GRADES 0.50% OR LESS, SHALL BE INSTALLED WITH LAZER AND CHECKED PRIOR TO BACKFILLING.
10. MINIMUM PIPE SLOPE FLR LAST LEG 1.0% AS PER R.P. STD. 2-4-2

UNLESS OTHERWISE NOTED ON DRAWINGS

1. ALL CONSTRUCTION OF STORM AND SANITARY SEWERS AND WATERMANS AND APPURTENANCES AND ROADWORKS SHALL BE IN ACCORDANCE WITH STANDARD CITY OF MISSISSAUGA AND REGION OF PEEL AND ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS WHICH SHALL B CONSTITUTED AS PART OF THIS CONTRACT.
2. ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE SITE AND ANY DISCREPANCIES REPORTED TO THE ENGINEER IMMEDIATELY.
3. ALL BACKFILL FOR SEWERS, WATERMANS AND UTILITIES ON THE ROAD ALLOWANCE MUST BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR DENSITY EXCEPT FOR TOP 300mm WHICH MUST BE COMPACTED TO 98% STANDARD PROCTOR DENSITY.
4. THE LOCATION AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR/DEVELOPER AT THEIR EXPENSE, THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR THE RESTORATION TO THE REPAIR OF EXISTING UTILITIES DISTURBED DURING CONSTRUCTION.
5. ALL AREAS BEYOND THE PLAN OF SUBDIVISION WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE COMMISSIONER OF WORKS AT THE CONTRACTOR'S/DEVELOPER'S EXPENSE.
6. ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.O. MANUAL OF "UNIFORM TRAFFIC CONTROL DEVICES".
7. ALL WORK SHOULD BE COMPLETED IN ACCORDANCE WITH "OCCUPATIONAL HEALTH AND SAFETY ACT". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
8. BLASTING WILL NOT BE ALLOWED UNLESS AUTHORIZED BY THE CITY OF MISSISSAUGA TRANSPORTATION AND WORKS DEPARTMENT.
9. ALL MEASUREMENTS IN METERS AND PIPE SIZES IN MILLIMETERS.
10. ANY UTILITY RELOCATIONS REQUIRED DUE TO THE DEVELOPMENT OF THE SUBJECT LANDS ARE TO BE UNDERTAKEN AT THE EXPENSE OF DEVELOPER.

WATERMAIN DATA

1. WATERMAIN BEDDING TO BE AS PER R.P. STD. 1-5-1
2. CLASS OF PIPE:
- A) UP TO AND INCLUDING 300mm DIA.
- i) P.V.C. WATERMAIN TO BE CLASS 150, DR-18 AND MANUFACTURED TO A W.W.A. SPECIFICATION C-900-75 WITH PUSH-ON TYPE JOINT UNLESS OTHERWISE NOTED.
- B) PIPES LARGER THAN 300mmDIA.
- i) CONCRETE PRESSURE PIPE, SPECIFICATION AS NOTED ON THE DRAWINGS.
- C) 50mm WATERMAIN
- i) SHALL BE TYPE "K" SOFT COPPER TUBING WATERMAIN INSTALLATION IN CUL-DE-SAC TO BE INSTALLED AS PER R.P. STD. 1-7-4
3. HYDRANTS:
- A) SET TO R.P. STD. 1-6-1 AND 1-6-2.
- B) MANUFACTURER TYPE SHALL BE MUELLER, McAVITY M67B OR CONCORD D67-M WITH PUMPER NOZZLE OUTLETS.
- C) PAINTED TO R.P. COLOUR SPECIFICATION OF RED WITH REFLECTIVE SILVER.
4. WHERE WATERMANS PASS OVER SEWERS A MINIMUM CLEARANCE OF 0.3m IS REQUIRED. WHERE WATERMANS PASS UNDER SEWERS A MINIMUM CLEARANCE OF 0.50m IS REQUIRED.
5. HORIZONTAL CLEARANCE FOR WATERMANS TO BE MINIMUM 2.5m FROM ADJACENT SEWERS.
6. WATERMANS IN FILL AREAS:
- A) TO BE INSTALLED WITH RESTRAINED JOINTS WITH UNI-FLANGE SERIES 1300, OR APPROVED EQUAL.
- B) NO WATERMAIN TO BE LAID ON FILL UNTIL THE FILL DENSITY TEST REPORTS HAVE BEEN SUBMITTED TO AND APPROVED BY THE REGION.
- C) FILL TO BE PLACED TO A MINIMUM OF 600mm ABOVE THE TOP OF WATERMAIN GRADES AND COMPACTED TO MINIMUM DENSITY OF 100% STD. PROCTOR DENSITY IN MAXIMUM LIFTS OF 300mm.
- D) TESTS SHALL BE TAKEN ALONG THE CENTERLINE OF THE WATERMAIN AND 1.5m EITHER SIDE OF WATERMAIN AT INTERVALS OF 30m AND AT EACH 600mm LIFTS.
- E) ALL TEES, HORIZONTAL BENDS, HYDRANTS AND BRANCH VALVES IN FILL AREAS TO BE TIED WITH THE ROADS IN ADDITION TO CONCRETE BLOCKING ACCORDING TO THE FOLLOWING:
- F) THRUST BLOCKING:

i) TO BE INSTALLED AS PER R.P. STDs 1-5-4, 1-5-5, 1-5-6 AND 1-5-7

ii) CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL TEES, HORIZONTAL BENDS, HYDRANTS, END OF MAINS AND CONNECTIONS 100mm TO 300mm DIAMETER AS PER REGION STANDARDS. ALL 400mm DIAMETER WATERMANS AND LARGER SHALL HAVE RESTRAINED JOINTS. CALCULATIONS WILL BE REQUIRED FROM THE CONSULTANT TO DETERMINE THE NUMBER OF JOINTS TO BE RESTRAINED BEYOND THE BEND AT ALL THRUST BLOCK LOCATION, WHERE COMPACTED FILL RATHER THAN UNDISTURBED GROUND EXISTS BEHIND THE THRUST BLOCK, THE FOLLOWING ADDITIONAL PRODUCERE SHALL BE FOLLOWED.

iii) ALL SEGMENTS OF THE FITTING AND THE WATERMAIN AT THE THRUST BLOCK LOCATION SHALL BE TIED USING EMCO UNDERGROUND BELL JOINT CLAMPS OR EQUIVALENT, OR THE RODS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS (TIE RODS AND CLAMPS SHALL HAVE TWO COATS OF BITUMASTIC PAINT) WHERE THE DEFLECTION ANGLE AT THRUST BLOCK IS MORE 45°, ADDITIONAL TIE ROD ASSEMBLIES SHALL BE INSTALLED FOR AT LEAST 10m EACH SIDE OF THE THRUST BLOCK.

iv) IMPORTED GRANULAR FILL (OPS GRANULAR "B" OR EQUIVALENT IS TO BE USED BEHIND THE THRUST BLOCK AND FOR A MINIMUM DISTANCE OF 2m EACH SIDE OF THE THRUST BLOCK. THIS IMPORTED GRANULAR FILL SHALL BE COMPACTED TO A MINIMUM OF 100% STANDARD PROCTOR DENSITY PRIOR TO CONSTRUCTING THE THRUST BLOCKS, THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FOR BACKFILL FROM A LISCENCED GEOTECHNICAL ENGINEER.

7. WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m AT CENTRELINE OF PAVEMENT.
8. A 12 GAUGE T.W.H. SOLID COPPER, WHITE PLASTIC COATED TRACER WIRE MUST BE INSTALLED WITH P.V.C. WATERMAIN AND BROUGHT TO THE SURFACE AT EACH VALVE BOX AND EACH FIRE HYDRANT.
9. VALVE IN BOXES SHALL BE INSTALLED AS PER R.P. STD. 1-3-B.
- MAINLINE VALVES TO BE RESTRAINED AS PER R.P. STD. 1-3-3A
10. CATHODIC PROTECTION IS REQUIRED ON ALL METALLIC FITTINGS AS PER REGION OF PEEL STANDARDS.
11. ALL WATERMAIN SHALL MAINTAIN A MINIMUM 1.5m CLEARENCE FROM ALL MANHOL AND CATCHBASINS.
12. THE CONTRACTOR SHALL COMPLETE THE NECESSARY WATER TESTING (IE, PRESSURE TEST FLUSHING, CHLORINATION, SAMPLING, ETC) AS PER REGION OF PEEL STANDARDS AROUND THE CLOSED OPERATING VALVE.
13. THE OPERATION OF EXISTING WATERMAIN VALVES SHALL BE CONDUCTED AS REQUIRED BY THE REGION OF PEEL.
14. THE NEW WATERMAIN TO BE TAPPED FOR WATER SERVICES MUST BE ISOLATED FROM THE EXISTING WATERMAIN TO MAINTAIN PRESSURE IN THE NEW MAIN DURING INSTALLATION OF SERVICES. A 25mm BY-PASS WITH AN APPROVED DIFFERENTIAL BACKFLOW PREVENTER IS TO BE INSTALLED AROUND THE CLOSED OPERATING VALVE.
15. WHERE DRIVEWAY ARE CONSTRUCTED OVER CONNECTION CORRIDOR THE WATER VALVES MUST BE LOCATED IN CENTER OF UNIT BEING SERVICED UNLESS OTHERWISE NOTED.
16. ALL WATER SERVICES SHALL HAVE CURBS STOPS AND BOXES INSTALLED AT STREETLINE, BE FLUSH WITH GRADE AND ACCESSIBLE AT ALL TIME. REDUCING CURB STOPS SHALL NOT BE USED.
17. FOR RESIDENTIAL APPLICATIONS, ALL WATER SERVICE BOXES (CURB STOPS) SHALL BE INSTALLED IN GRASS AREAS WITH MINIMUM DISTANCE OF 1.0m FROM THE EDGE OF THE DRIVEWAY UNLESS OTHERWISE SPECIFIED OTHER LOCATION HAS BEEN APPROVED.

SERVICE CONNECTIONS

1. SANITARY

- A) SINGLE AND DOUBLE MINIMUM 125mm DIA PVC SDR-28
- B) CONNECTIONS TO SEWER TO BE MADE WITH MANUFACTURED TEE OR WYE WHERE APPLICABLE AND SHALL BE COLOUR CODED AS NON-WHITE, OR AS PER C.M. STD. 2115050 & R.P. STDs. 2-4-1 TO 2-4-3
- C) SANITARY SERVICE SHALL BE LOWER THAN AND TO THE RIGHT OF THE STORM SERVICE AT THE PROPERTY LINE WHEN FACING THE LOT FROM THE STREET.
- D) SERVICE CONNECTION TO LOT LINE SHALL BE VISIBLY MARKED BY A 1.8m-50mm x 100mm WOOD STAKE BURIED 1.0m AND PAINTED RED.
- E) ALL "BOOT JACKS" AND "Y" S ARE TO BE CAST IRON FOR STORM HOUSE CONNECTIONS.

2. WATER

- A) WATER SERVICES SHALL BE 25mm DIA TYPE 'K' COPPER AS PER R.P. STD. 1-7-1 & C.M. STDs. 2115.010 TO 2115.040
- B) SERVICE CONNECTION TO VISIBLY MARKED BY 1.8m-50mm x 100mm WOOD STAKE BURIED 1.0m AND PAINTED BLUE.

ROCK BREAKING

PROPOSED STORM AND SANITARY SEWERS FOUNDED IN SHALE BEDROCK WILL REQUIRE ROCK BREAKING. SEWER BEDDING REQUIREMENTS WITHIN BEDROCK TO BE SPECIFIED BY GEOTECHNICAL ENGINEER.

BENCHMARK NOTE
ELEVATIONS ARE REFERRED TO CITY OF MISSISSAUGA DATUM AND WERE DERIVED FROM CITY OF MISSISSAUGA BENCHMARK No. 63-4, HAVING A PUBLISHED ELEVATION OF 163.543 metres.
BEARING NOTE
BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL) DERIVED FROM
SCP 075760206 NORTH 463605.682 EAST 60409.822
SCP 075760307 NORTH 463264.278 EAST 603818.766
COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL) TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999713. ALL DIMENSIONS AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED. PIPE SIZES ARE IN MILLIMETRES.

2.	REVISED AS PER CITY COMMENTS	OCT.28/2019	M.E.H.
1.	REVISED AS PER CITY COMMENTS	AUG./13/2018	D.OH.
REVISION BLOCK	DATE	APPR. BY	

2576954 ONTARIO INC. PROPOSED
CONDOMINIUM TOWNHOUSE DEVELOPMENT



APPROVED AS TO FORM IN RELIANCE
UPON THE PROFESSIONAL SKILL AND
ABILITY OF CONDELAND
ENGINEERING LIMITED AS TO DESIGN
AND SPECIFICATION

DIRECTOR OF DEVELOPMENT/
TRANSPORTATION ENGINEERING
DATE: _____

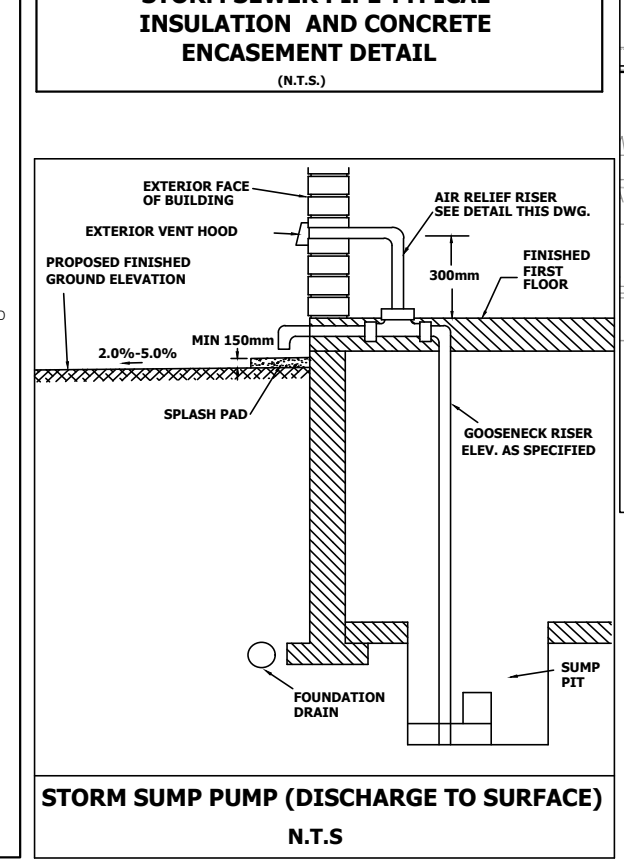
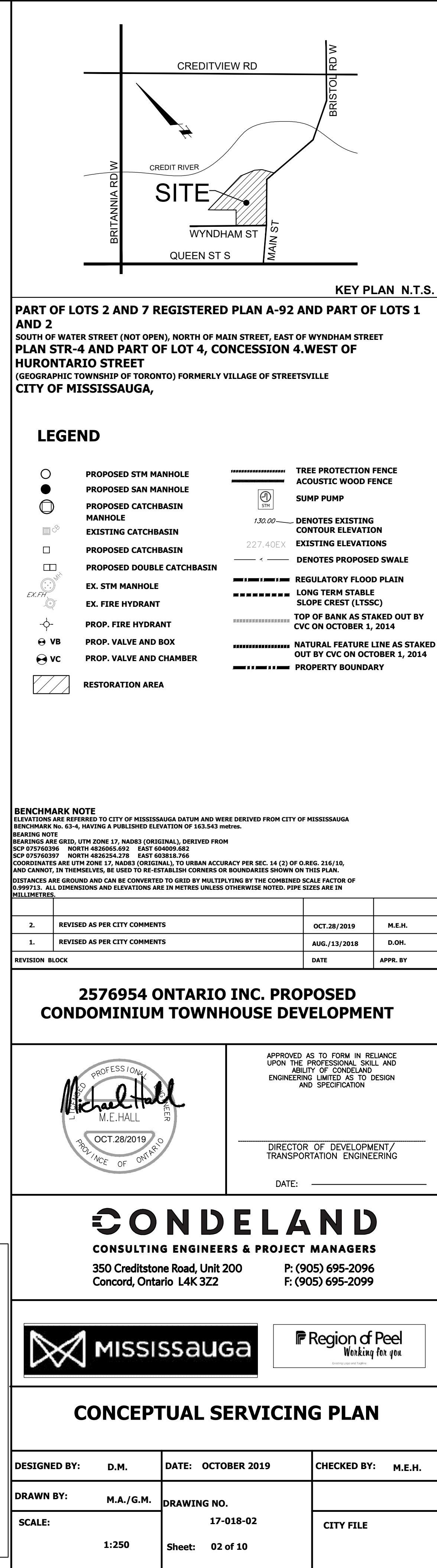
CONDELAND

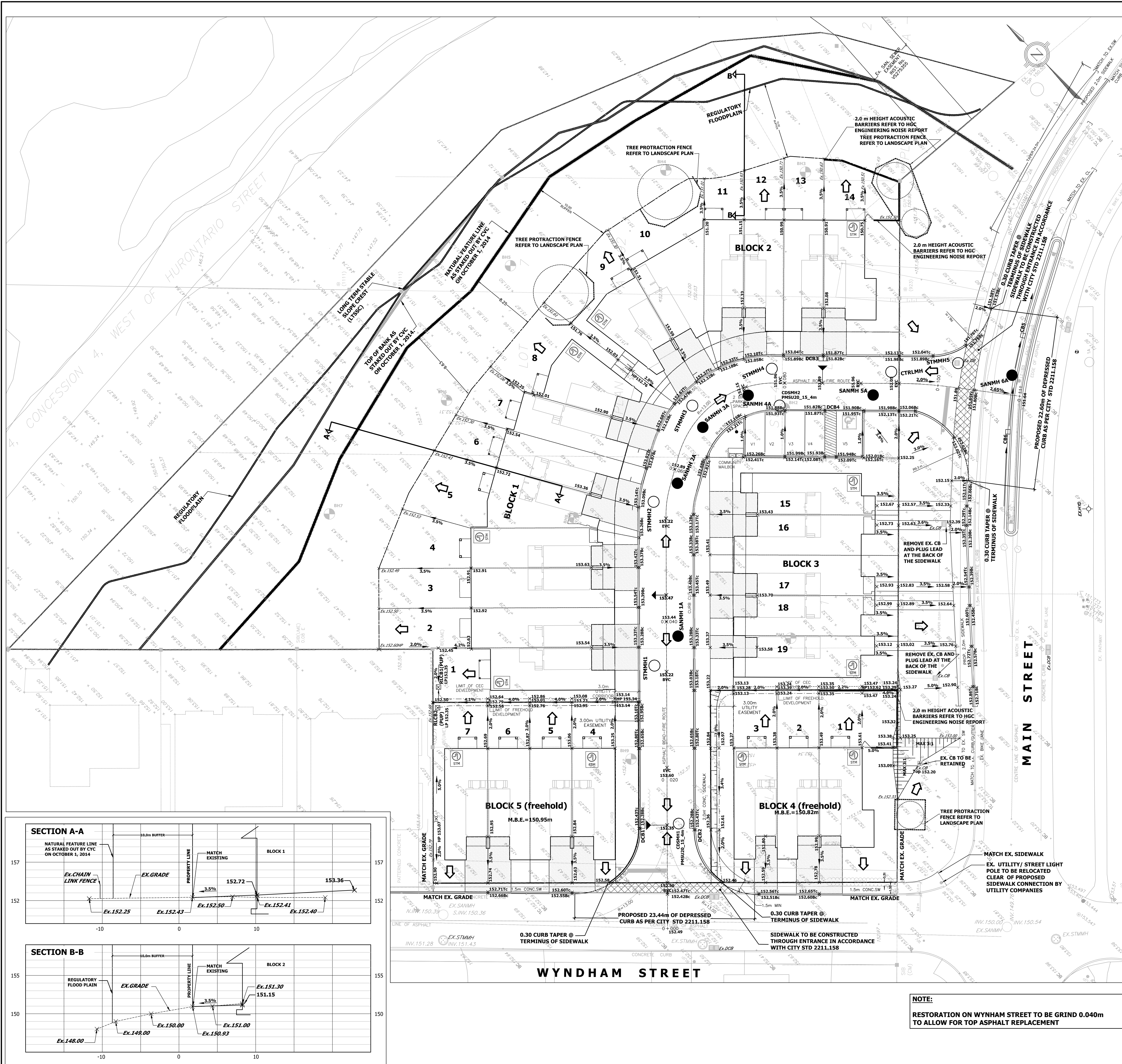
CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2
P: (905) 695-2096
F: (905) 695-2099



GENERAL NOTES

DESIGNED BY: D.M.	DATE: OCTOBER 2019	CHECKED BY: M.E.H.
DRAWN BY: M.A./G.M.	DRAWING NO. 17-018-01	CITY FILE
SCALE: N.T.S.	Sheet: 01 of 10	





EXCAVATION AND RESTORATION WORKS WITHIN MAIN STREET AND WYNDHAM STREET
VERTICAL TRENCH CONSTRUCTION AND RESTORATION FOR SANITARY/STORM SERVICES AND SEWERS, WATER SERVICES AND WATERMAIN. CONTRACTOR TO SAWCUT EXISTING ASPHALT AND REMOVE EXISTING CURB OFFSITE. CONTRACTOR TO BACKFILL EXCAVATION WITHIN MAIN STREET AND WYNDHAM STREET WITH APPROVED GRANULAR BACKFILL AND UNSHRINKABLE FILL AS SPECIFIED BY CITY OF MISSISSAUGA OPERATIONS DEPT. ASPHALT SURFACE AND CURB TO BE RESTORED TO EXISTING OR BETTER CONDITION. ALL RESTORATION WORK IS TO THE SATISFACTION OF THE CITY OF MISSISSAUGA.

ROAD RE-CONSTRUCTION/ RESTORATION AREA
(AS PER ROAD OCCUPANCY PERMIT)

RESTORATION NOTE:
CONTRACTOR TO SAWCUT EXISTING ASPHALT AND REMOVE EXISTING CURB OFFSITE. CONTRACTOR TO BACKFILL EXCAVATION WITHIN MAIN STREET AND WYNDHAM STREET WITH APPROVED GRANULAR BACKFILL AND UNSHRINKABLE FILL AS SPECIFIED BY CITY OF MISSISSAUGA. ASPHALT SURFACE AND CURB TO BE RESTORED TO EXISTING OR BETTER CONDITION.

PROPOSED STORM, SANITARY, AND WATER BUILDING CONNECTIONS WITHIN EXISTING MUNICIPAL R.O.W.S ARE TO BE BACKFILLED WITH UNSHRINKABLE FILL UP TO BASE OF EXISTING ROAD GRANULAR. EXISTING ROAD GRANULAR AND ASPHALT TO BE MATCHED WITH MINIMUM THICKNESSES IN ACCORDANCE WITH CITY STANDARD 2220.03.

TRENCH CONSTRUCTION / RESTORATION SHALL BE IN ACCORDANCE WITH CITY STANDARDS 2220.03, 2220.031, AND 2220.032.

ALL RESTORATION WORK IS TO THE SATISFACTION OF THE CITY OF MISSISSAUGA DEVELOPMENT CONSTRUCTION SERVICES DEPARTMENT.

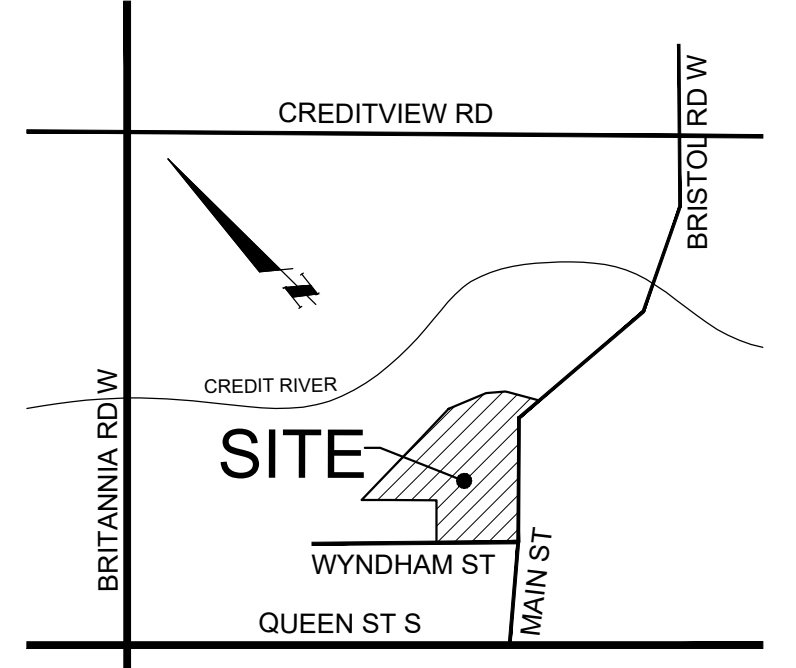
NOTE:
THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL SIGNAGE, CURB CUTS AND PAVEMENT MARKINGS AS SHOWN ON THE APPROVED PAVEMENT MARKING AND SIGNAGE DRAWINGS.

RESTORATION NOTES:
ALL AREAS DISTURBED BY CONSTRUCTION OF STORM AND/OR GRADING SHALL BE RESTORED TO EXISTING CONDITION OR BETTER USING 150mm TOP SOIL AND NO.1 GRADE NURSERY SOD ALL TO THE SATISFACTION OF THE ENGINEER.

- 1. THE PORTIONS OF THE DRIVEWAY WITHIN THE MUNICIPAL BOULEVARD WILL BE PAVED BY THE APPLICANT.
- 2. ALL EXCESS EXCAVATED MATERIAL WILL BE REMOVED FROM THE SITE.
- 3. THE EXISTING DRAINAGE PATTERN WILL BE MAINTAINED.

NOTE:
ROAD OCCUPANCY PERMITS TO BE OBTAINED BY CONTRACTOR FOR MAIN STREET AND WYNDHAM STREET CONSTRUCTION WORKS

NOTE:
ENTIRE ROOF DRAINAGE FROM BLOCKS 1,2,3 (UNITS 1-19) & BLOCKS 4,5 (UNITS 1-7) SHALL BE DIRECTED TO PRIVATE ROADWAY



KEY PLAN N.T.S.

PART OF LOTS 2 AND 7 REGISTERED PLAN A-92 AND PART OF LOTS 1 AND 2
SOUTH OF WATER STREET (NOT OPEN), NORTH OF MAIN STREET, EAST OF WYNDHAM STREET
PLAN STR-4 AND PART OF LOT 4, CONCESSION 4.WEST OF HURONTARIO STREET
(GEOGRAPHIC TOWNSHIP OF TORONTO) FORMERLY VILLAGE OF STREETSVILLE
CITY OF MISSISSAUGA, REGIONAL MUNICIPALITY OF PEEL

LEGEND

- PROPOSED STM MANHOLE
- PROPOSED SAN MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- PROPOSED CATCHBASIN
- PROPOSED DOUBLE CATCHBASIN
- EX. STM MANHOLE
- EX. FIRE HYDRANT
- PROP. FIRE HYDRANT
- CURB CUT
- PROPOSED GRADE
- DRAINAGE GRADIENT
- DENOTES OVERLAND FLOW DIRECTION
- RESTORATION AREA
- TREE PROTECTION FENCE
- ACOUSTIC WOOD FENCE
- SUMP PUMP
- DENOTES EXISTING CONTOUR ELEVATION
- EXISTING ELEVATIONS
- DENOTES PROPOSED SWALE
- REGULATORY FLOOD PLAIN
- SLOPE CREST (LTSSC)
- TOP OF BANK AS STAKED OUT BY CVC ON OCTOBER 1, 2014
- NATURAL FEATURE LINE AS STAKED OUT BY CVC ON OCTOBER 1, 2014
- PROPERTY BOUNDARY
- CROSS SECTION

BENCHMARK NOTE
ELEVATIONS ARE REFERRED TO CITY OF MISSISSAUGA DATUM AND WERE DERIVED FROM CITY OF MISSISSAUGA BENCHMARK No. 634 HAVING A PUBLISHED ELEVATION OF 163.541 METERS.
BEARING NOTE
BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL), DERIVED FROM
SCP 075760396 NORTH 4623065.692 EAST 604009.632
SCP 075760397 NORTH 4623064.278 EAST 603916.788
COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL), TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999713. ALL DIMENSIONS AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED. PIPE SIZES ARE IN MILLIMETRES.

2.	REVISED AS PER CITY COMMENTS	OCT.28/2019	M.E.H.
1.	REVISED AS PER CITY COMMENTS	AUG./13/2018	D.OH.
REVISION	BLOCK	DATE	APPR. BY

2576954 ONTARIO INC. PROPOSED CONDOMINIUM TOWNHOUSE DEVELOPMENT

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CONDELAND ENGINEERING LIMITED AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT / TRANSPORTATION ENGINEERING

DATE:

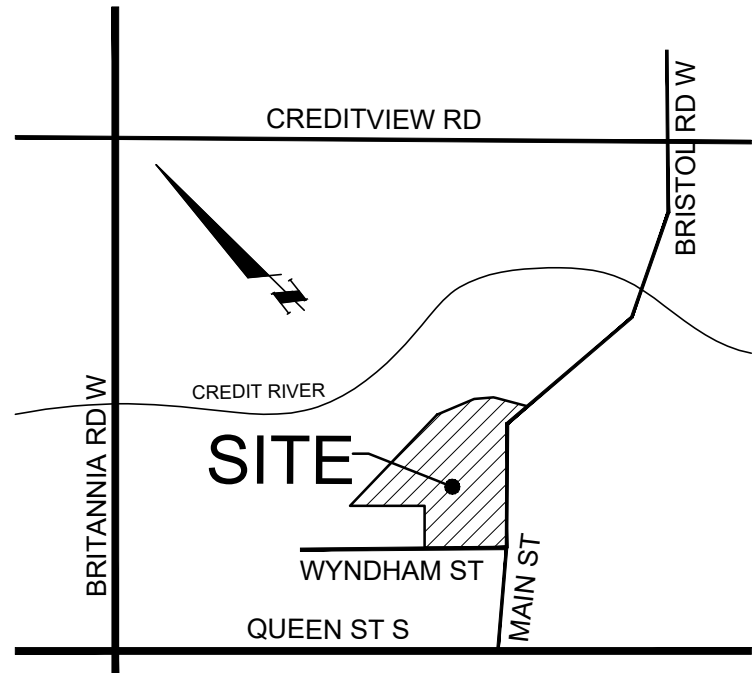
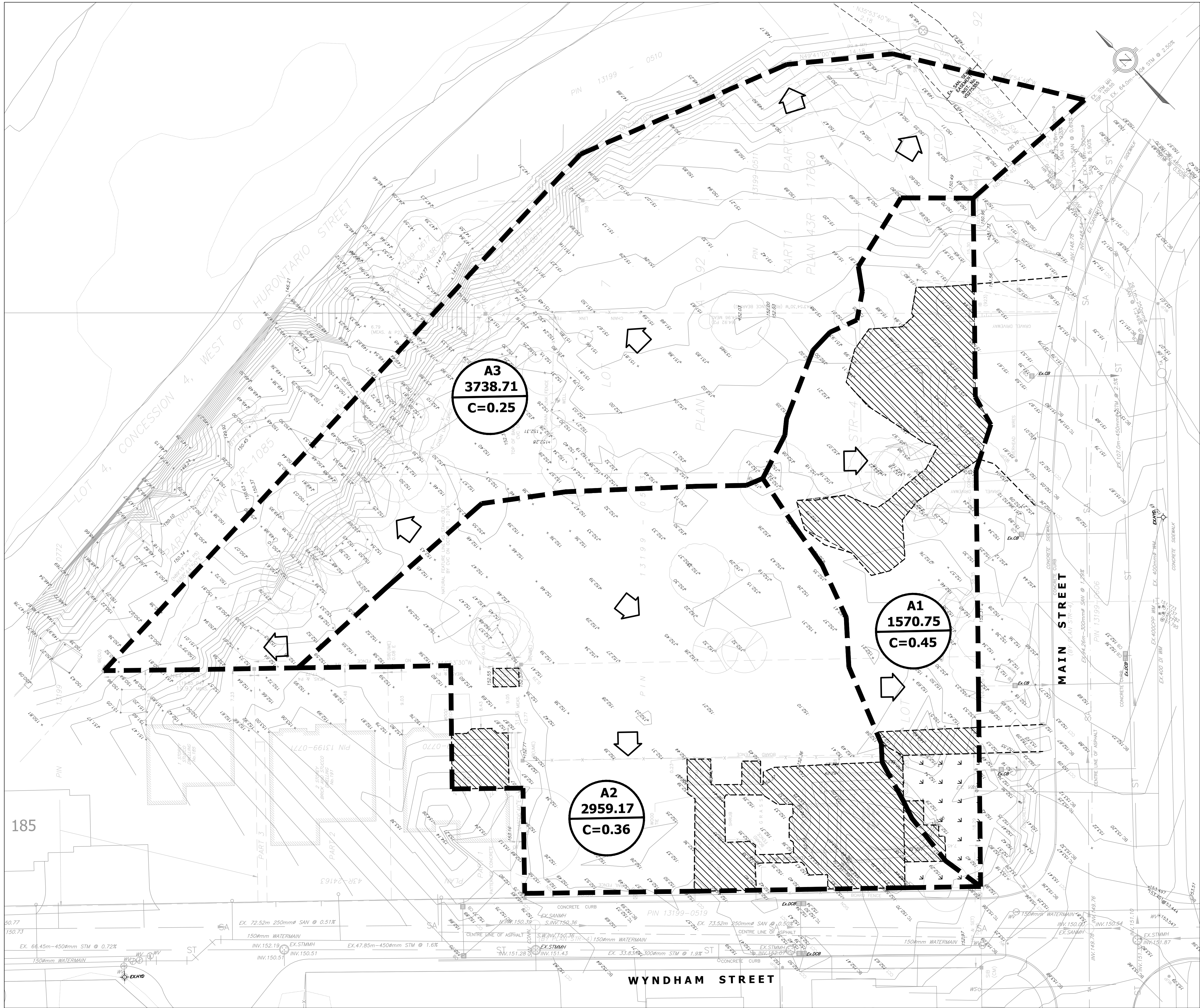
CONDELAND

CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2
P: (905) 695-2096
F: (905) 695-2099



CONCEPTUAL GRADING PLAN

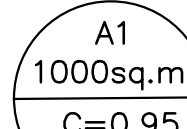

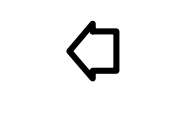
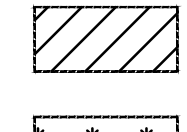
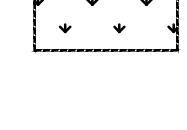
DESIGNED BY:	D.M.	DATE:	OCTOBER 2019	CHECKED BY:	M.E.H.
DRAWN BY:	M.A./G.M.	DRAWING NO.	17-018-03	CITY FILE	
SCALE:	1:250	Sheet:	03 of 10		



KEY PLAN N.T.S.

PART OF LOTS 2 AND 7 REGISTERED PLAN A-92 AND PART OF LOTS 1 AND 2 SOUTH OF WATER STREET (NOT OPEN), NORTH OF MAIN STREET, EAST OF WYNDHAM STREET PLAN STR-4 AND PART OF LOT 4, CONCESSION 4, WEST OF HURONTARIO STREET (GEOGRAPHIC TOWNSHIP OF TORONTO) FORMERLY VILLAGE OF STREETSVILLE CITY OF MISSISSAUGA, REGIONAL MUNICIPALITY OF PEEL

LEGEND

-  DRAINAGE AREA
-  RUNOFF COEFFICIENT
-  OVERLAND FLOW DIRECTION
-  HARD SURFACE C=0.90
-  SODDED AREA C=0.25

BENCHMARK NOTE
ELEVATIONS ARE REFERRED TO CITY OF MISSISSAUGA DATUM AND WERE DERIVED FROM CITY OF MISSISSAUGA BENCHMARK NO. 834, HAVING A PUBLISHED ELEVATION OF 163.643 METRES.
BEARING NOTE
BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL), DERIVED FROM
SCP 076760396 NORTH 482068.692 EAST 664095.682
SCP 076760397 NORTH 482068.692 EAST 664095.682
COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL) TO URBAN ACCURACY PER SEC. 14 (2) OF O. REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999713. ALL DIMENSIONS AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED. PIPE SIZES ARE IN MILLIMETRES.

REVISION	REVISION BLOCK	DATE	APPR. BY
2.	REVISED AS PER CITY COMMENTS	OCT.28/2019	M.E.H.
1.	REVISED AS PER CITY COMMENTS	AUG.13/2018	D.O.H.

2576954 ONTARIO INC. PROPOSED CONDOMINIUM TOWNHOUSE DEVELOPMENT



APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CONDELAND ENGINEERING LIMITED AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT/TRANSPORTATION ENGINEERING
DATE:

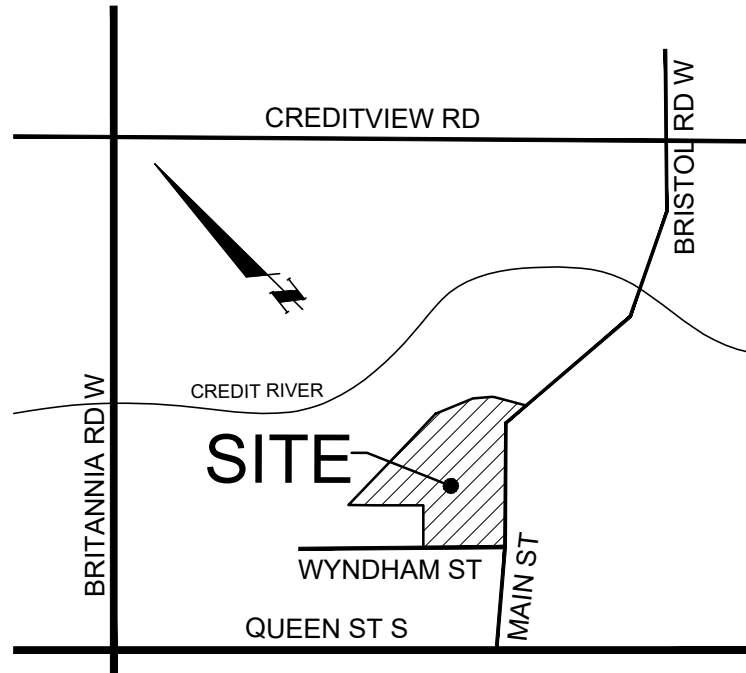
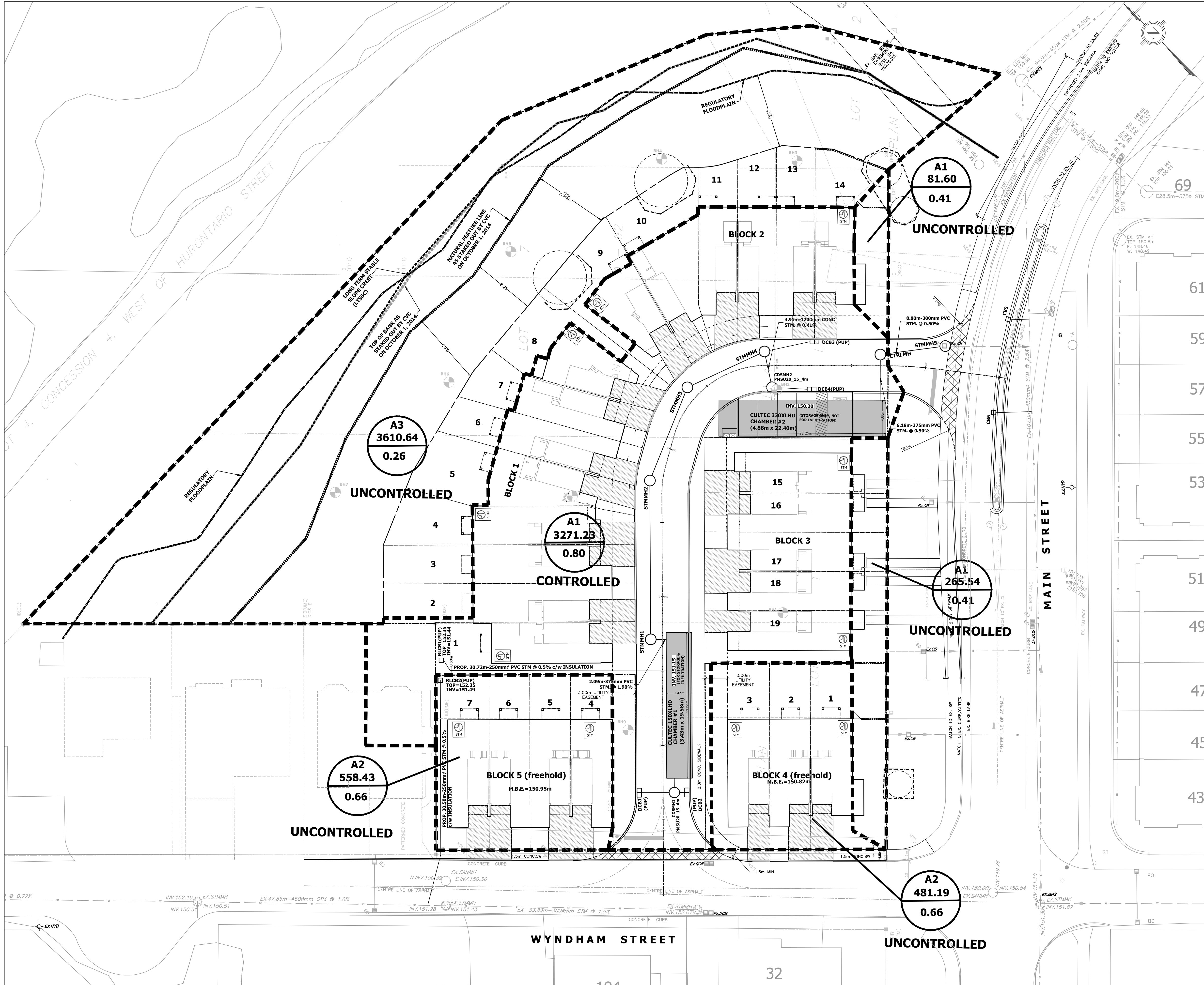
CONDELAND

CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200 P: (905) 695-2096
Concord, Ontario L4K 3Z2 F: (905) 695-2099



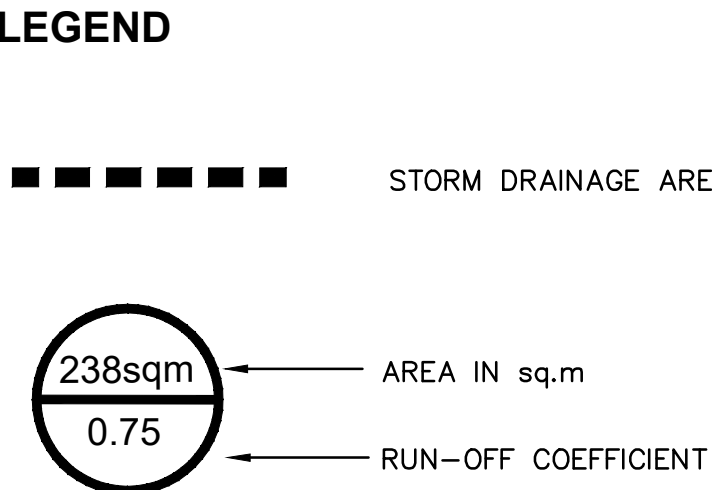
PRE-DEVELOPMENT STORM TRIBUTARY PLAN

DESIGNED BY:	D.M.	DATE:	OCTOBER 2019	CHECKED BY:	M.E.H.
DRAWN BY:	M.A./G.M.	DRAWING NO.	17-018-04	CITY FILE	
SCALE:	1:250	Sheet:	04 of 10		



KEY PLAN N.T.S.

PART OF LOTS 2 AND 7 REGISTERED PLAN A-92 AND PART OF LOTS 1 AND 2
SOUTH OF WATER STREET (NOT OPEN), NORTH OF MAIN STREET, EAST OF WYNDHAM STREET
PLAN STR-4 AND PART OF LOT 4, CONCESSION 4, WEST OF HURONTARIO STREET
(GEOGRAPHIC TOWNSHIP OF TORONTO) FORMERLY VILLAGE OF STREETSVILLE
CITY OF MISSISSAUGA, REGIONAL MUNICIPALITY OF PEEL



BENCHMARK NOTE
ELEVATIONS ARE REFERRED TO CITY OF MISSISSAUGA DATUM AND WERE DERIVED FROM CITY OF MISSISSAUGA BENCHMARK No. 65-4, HAVING A PUBLISHED ELEVATION OF 163.543 metres.

BEARING NOTE
BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL), DERIVED FROM
SCP 975763096 NORTH 432654.822 EAST 594095.882
SCP 975763097 NORTH 432654.278 EAST 593818.786
COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL), TO URBAN ACCURACY PER SEC. 14 (2) OF O. REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999713. ALL DIMENSIONS AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED. PIPE SIZES ARE IN MILLIMETRES.

2.	REVISED AS PER CITY COMMENTS	OCT.28/2019	M.E.H.
1.	REVISED AS PER CITY COMMENTS	AUG./13/2018	D.O.H.
REVISION BLOCK		DATE	APPR. BY

2576954 ONTARIO INC. PROPOSED
CONDOMINIUM TOWNHOUSE DEVELOPMENT



APPROVED AS TO FORM IN RELIANCE
UPON THE PROFESSIONAL SKILL AND
ABILITY OF CONDELAND
ENGINEERING LIMITED AS TO DESIGN
AND SPECIFICATION

DIRECTOR OF DEVELOPMENT/
TRANSPORTATION ENGINEERING
DATE:

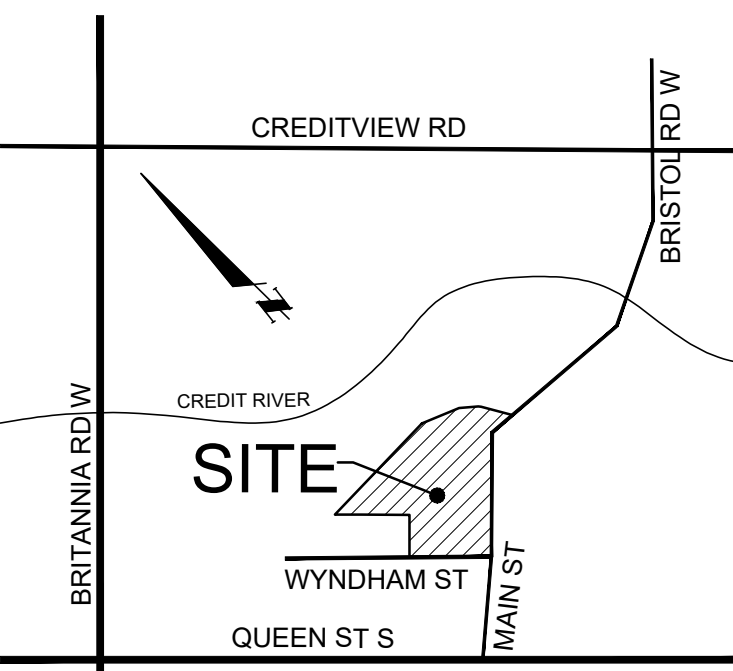
CONDELAND

CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2
P: (905) 695-2096
F: (905) 695-2099



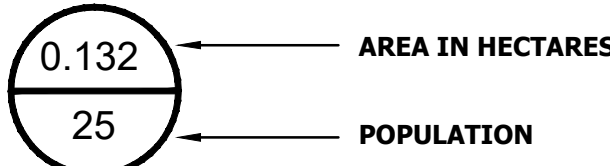
POST DEVELOPMENT STORM
TRIBUTARY PLAN

DESIGNED BY:	D.M.	DATE:	OCTOBER 2019	CHECKED BY:	M.E.H.
DRAWN BY:	M.A./G.M.	DRAWING NO.			
SCALE:	1:250	17-018-05 Sheet: 05 of 10			CITY FILE



**PART OF LOTS 2 AND 7 REGISTERED PLAN A-92 AND PART OF LOTS 1
AND 2
SOUTH OF WATER STREET (NOT OPEN), NORTH OF MAIN STREET, EAST OF WYNDHAM STREET
PLAN STR-4 AND PART OF LOT 4, CONCESSION 4. WEST OF
HURONTARIO STREET
(GEOGRAPHIC TOWNSHIP OF TORONTO) FORMERLY VILLAGE OF STREETSVILLE
CITY OF MISSISSAUGA, REGIONAL MUNICIPALITY OF PEEEL**

SANITARY DRAINAGE AREA



BENCHMARK NOTE
ELEVATIONS ARE REFERRED TO CITY OF MISSISSAUGA DATUM AND WERE DERIVED FROM CITY OF MISSISSAUGA BENCHMARK NO. 63-4, HAVING A PUBLISHED ELEVATION OF 163.543 metres.

BEARING NOTE
BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL), DERIVED FROM
4975760396 NORTH 4826665.692 EAST 404009.682
4975760397 NORTH 4826654.278 EAST 403816.766
COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL), TO UTM ACCURACY PER SEC. 14 (2) OF REG. 216/10,
AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.
COORDINATES CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999713
ALL DIMENSIONS AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED. PIZE SIZES ARE IN MILLIMETRES.

2.	REVISED AS PER CITY COMMENTS	OCT.28/2019	M.E.H.
1.	REVISED AS PER CITY COMMENTS	AUG./13/2018	D.OH.
REVISION BLOCK		DATE	APPR. BY

**2576954 ONTARIO INC. PROPOSED
CONDOMINIUM TOWNHOUSE DEVELOPMENT**



**APPROVED AS TO FORM IN RELIANCE
UPON THE PROFESSIONAL SKILL AND
ABILITY OF CONDELAND
ENGINEERING LIMITED AS TO DESIGN
AND SPECIFICATION**

**DIRECTOR OF DEVELOPMENT/
TRANSPORTATION ENGINEERING**

TE: _____

CONDELAND

CONSULTING ENGINEERS & PROJECT MANAGERS

**350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2**



Region of Peel
Working for you

SANITARY TRIBUTARY PLAN

DESIGNED BY:	D.M.	DATE:	OCTOBER 2019	CHECKED BY:	M.E.H
DRAWN BY:	M.A./G.M.	DRAWING NO.			
SCALE:		17-018-06		CITY FILE	
	1:250	Sheet: 06 of 10			

1. ADDITIONAL EROSION AND SEDIMENT CONTROL MATERIALS (E.I. SILT FENCE, STRAW BALES, CLEAR STONE ETC) ARE TO BE KEPT ON SITE FOR EMERGENCIES AND REPAIRS.

2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONTINUOUSLY EVALUATED AND UPGRADES ARE TO BE IMPLEMENTED, WHEN NECESSARY.

3. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR CONTROLLING SEDIMENT & EROSION WITHIN THE CONSTRUCTION SITE FOR THE ENTIRE PERIOD OF THE CONSTRUCTION. THE SEDIMENT LADEN WATER SHALL BE DISCHARGED TO THE ADJACENT WATER BODY.

4. AN AFTER HOURS CONTACT NUMBER IS TO BE VISIBLY POSTED ON-SITE FOR EMERGENCIES. ALL THE PLANS SHOULD HAVE NAME AND CONTACT INFO OF THE PERSON RESPONSIBLE FOR EC MEASURES.

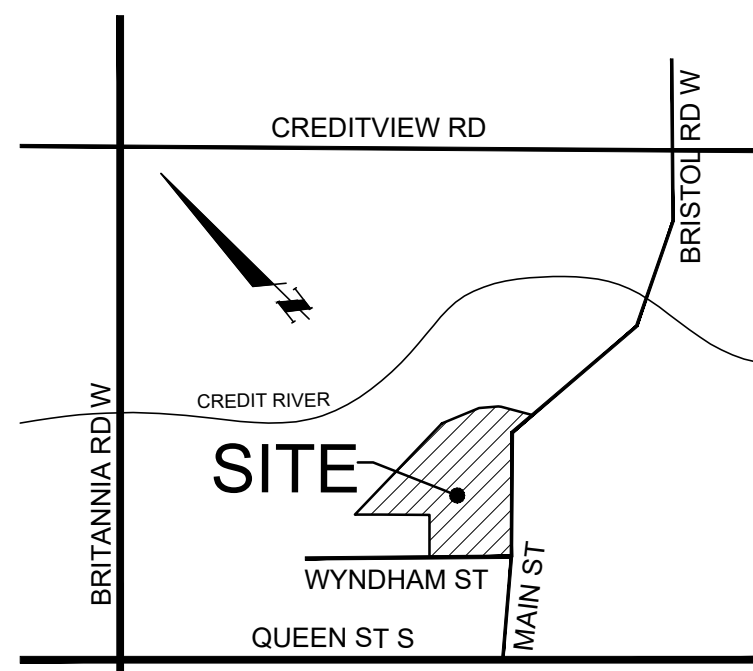
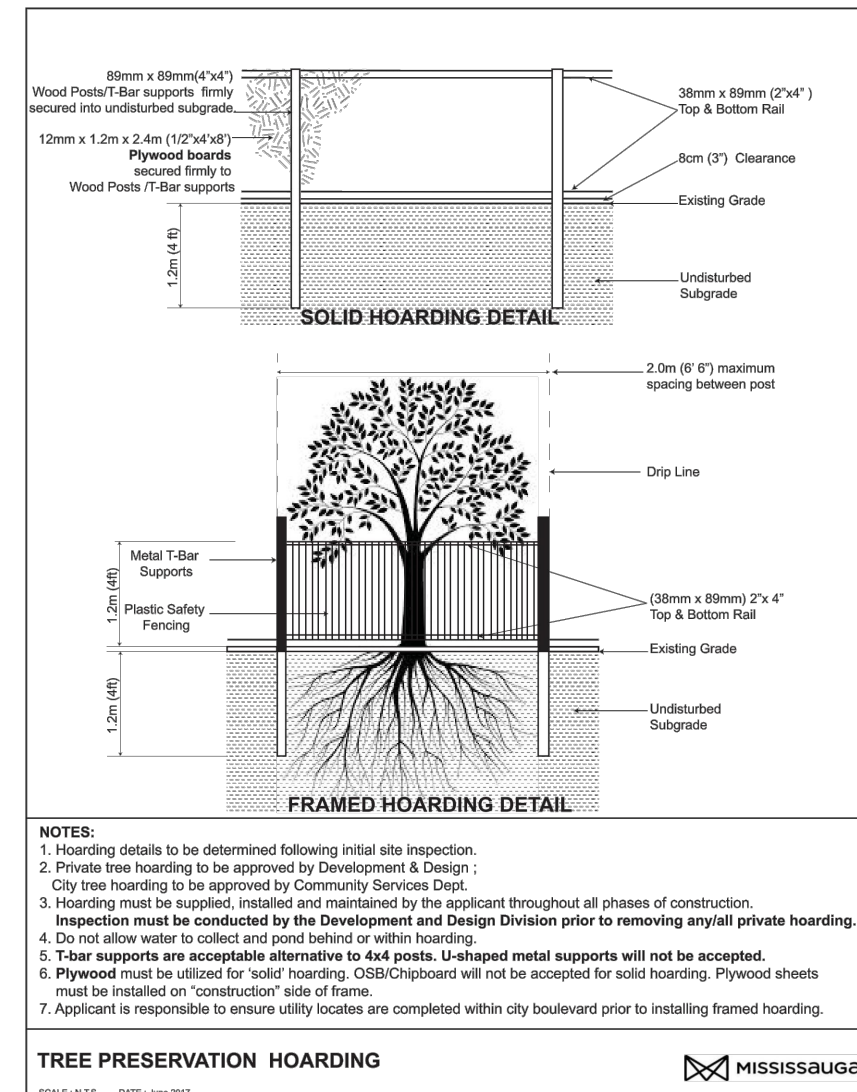
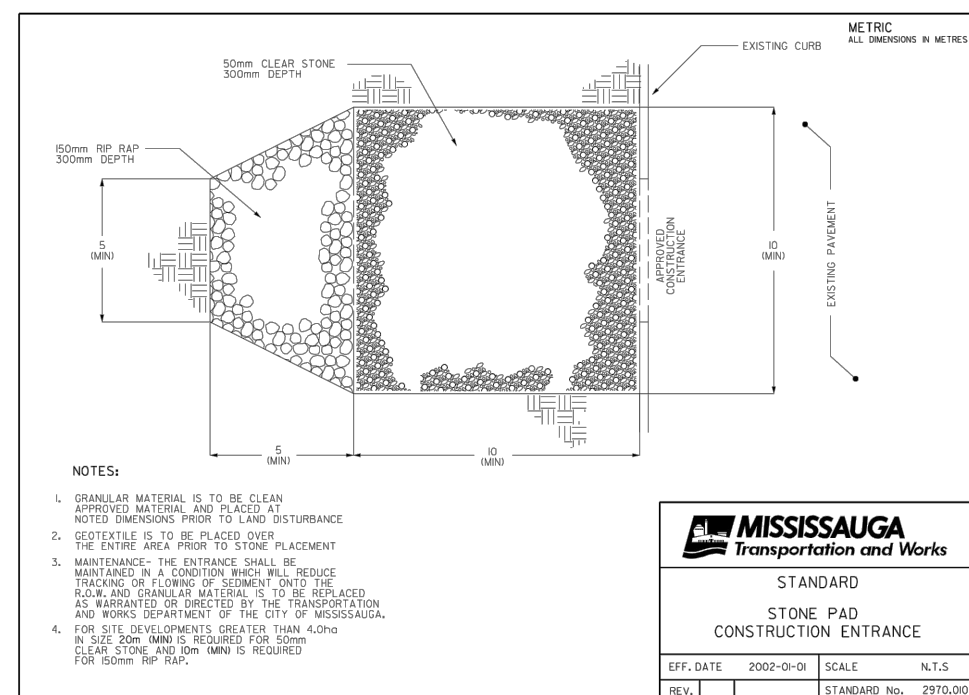
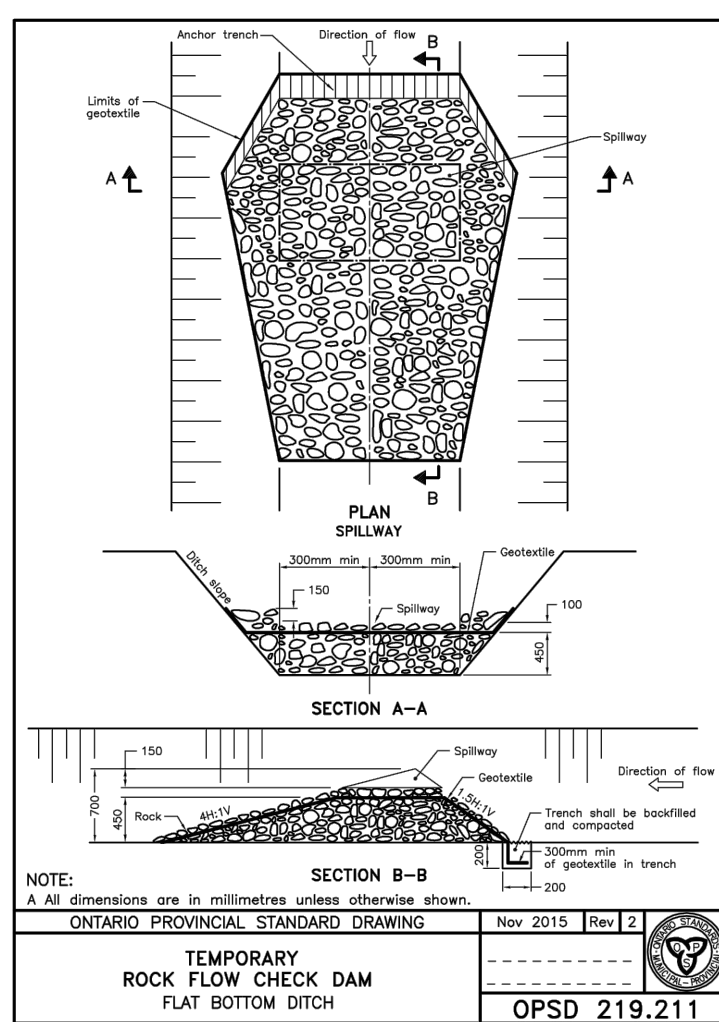
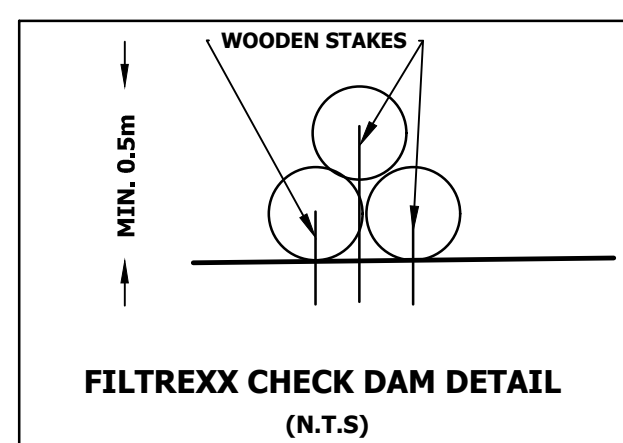
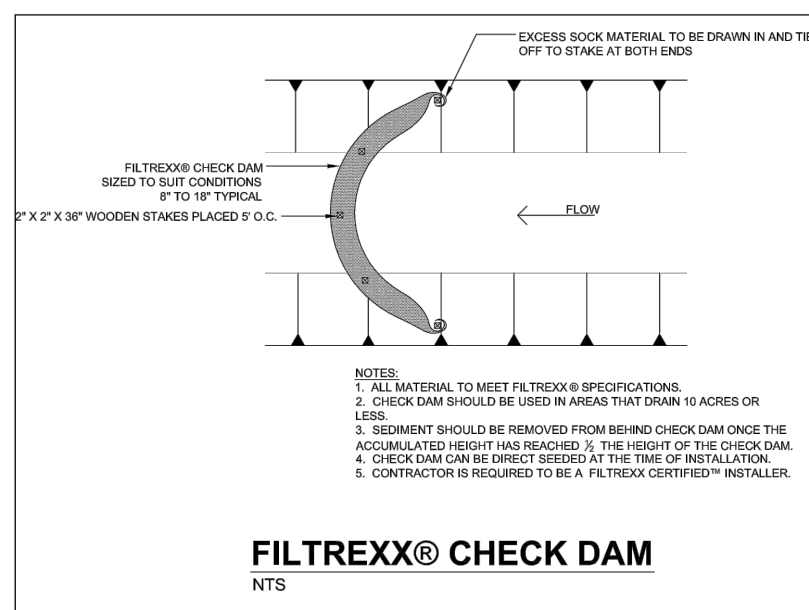
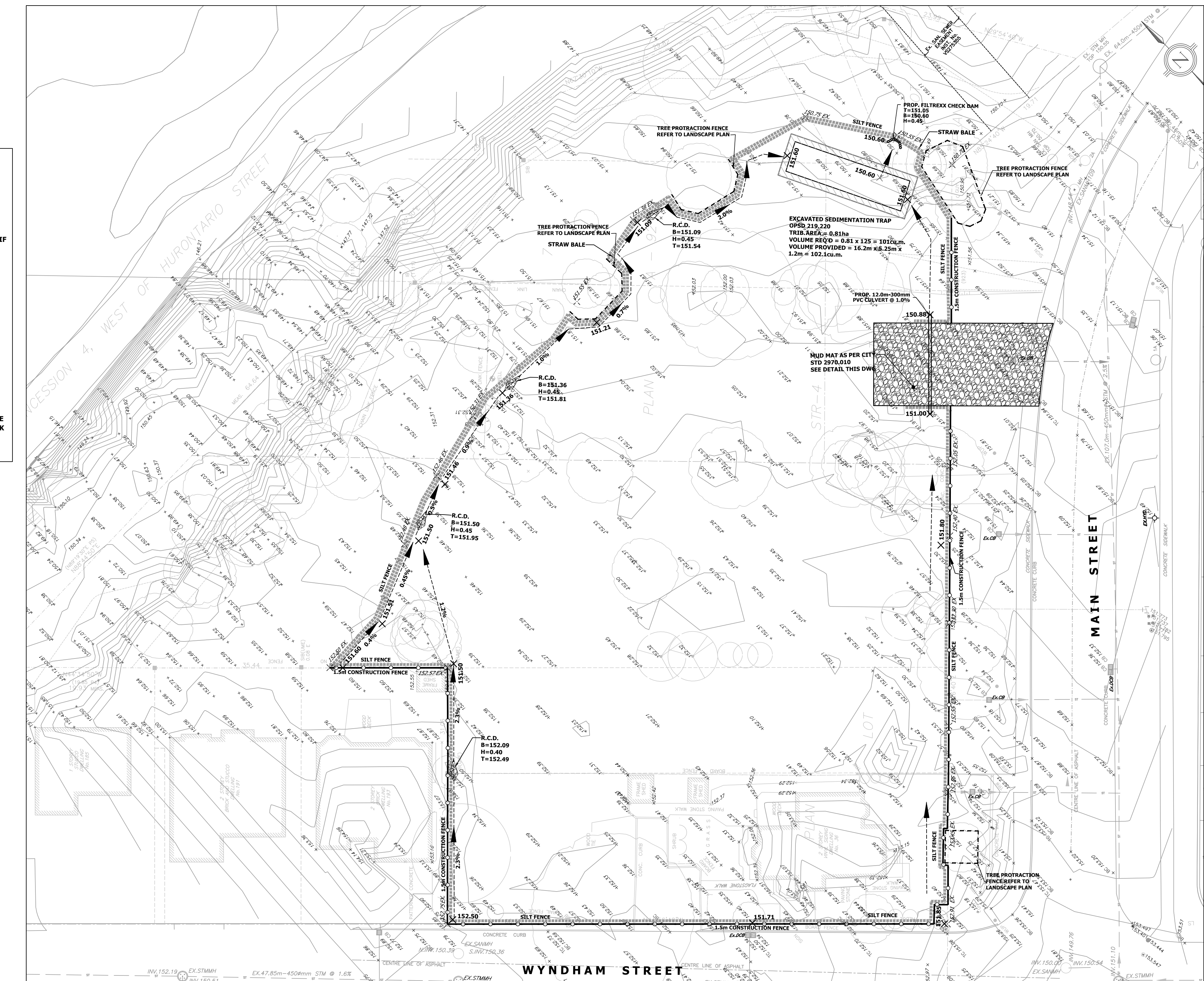
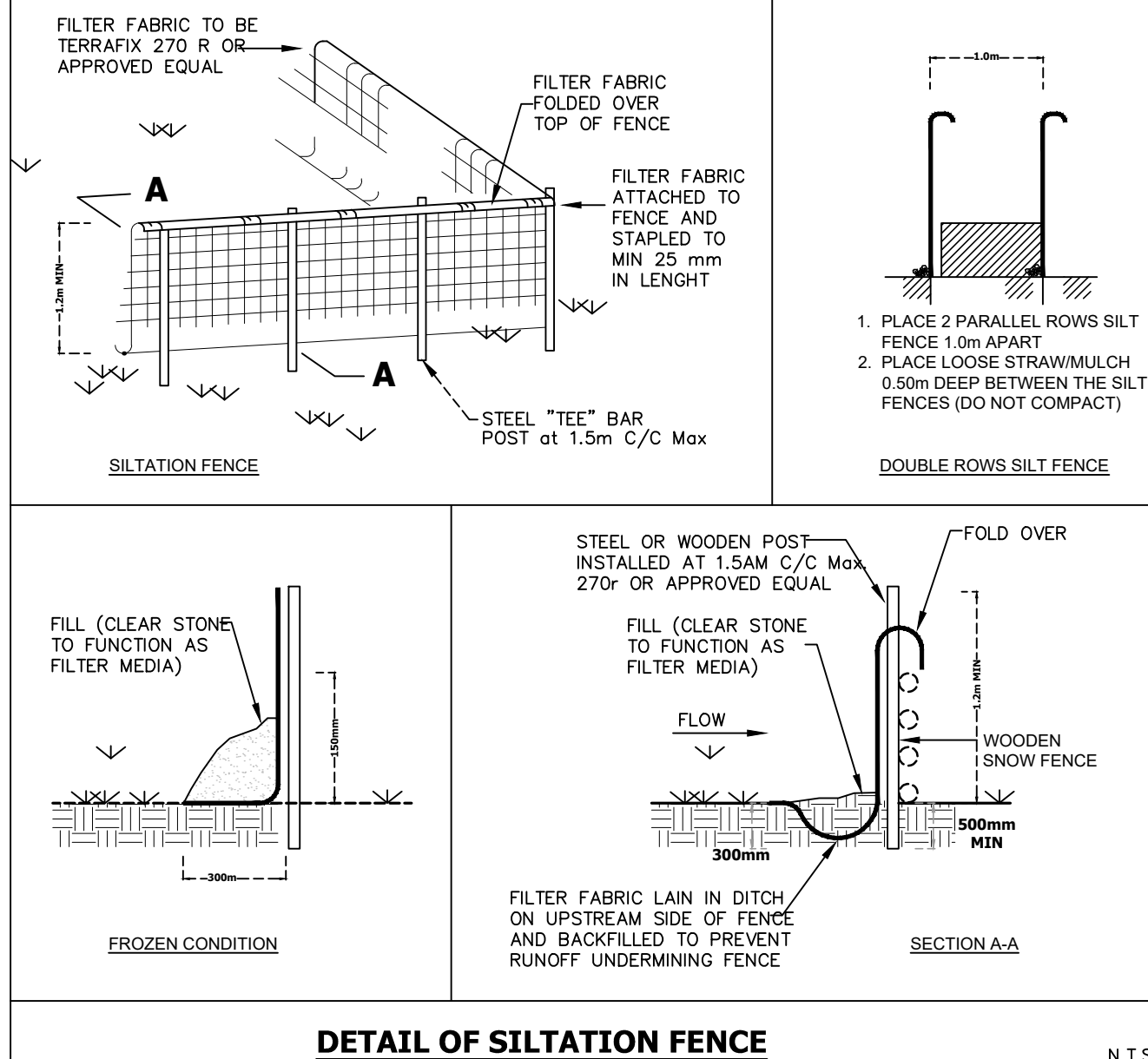
5. THE CONTRACTOR SHALL HAVE A DEDICATED SITE FOR THE STORAGE OF EQUIPMENT FOR ENVIRONMENT AND CLIMATE CHANGE (CALL SPILL ACTION CENTER AT 1-800-268-6060).

1. "EROSION AND SEDIMENT CONTROL (ESC) MEASURES WILL BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING THE CONSTRUCTION PHASES, TO PREVENT ENTRY OF SEDIMENT INTO THE WATER. ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION."
2. "DISTURBED AREAS WILL BE MINIMIZED TO THE EXTENT POSSIBLE, AND TEMPORARILY OR PERMANENTLY STABILIZED OR RESTORED AS THE WORK PROGRESSES."
3. "ALL IN-WATER AND NEAR WATER WORKS WILL BE CONDUCTED IN THE DRY WITH APPROPRIATE EROSION AND SEDIMENT CONTROLS."
4. "THE EROSION AND SEDIMENT CONTROL STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO MINIMIZE SEDIMENT LADEN RUNOFF FROM LEAVING THE WORK AREAS. IF THE PRESCRIBED MEASURES ON THE PLANS ARE NOT EFFECTIVE IN PREVENTING THE RELEASE OF A DELETERIOUS SUBSTANCE, INCLUDING SEDIMENT, THEN ALTERNATIVE MEASURES MUST BE IMPLEMENTED IMMEDIATELY TO MINIMIZE POTENTIAL ECOLOGICAL IMPACTS. CVC ENFORCEMENT OFFICER SHOULD BE IMMEDIATELY CONTACTED. ADDITIONAL ESC MEASURES TO BE KEPT ON SITE AND USED AS NECESSARY."
5. "AN ENVIRONMENTAL MONITOR WILL ATTEND THE SITE TO INSPECT ALL NEW CONTROLS, AS WELL AS ON A REGULAR BASIS, OR FOLLOWING RAIN/SNOWMELT EVENT, TO MONITOR ALL WORKS, AND IN PARTICULAR WORKS RELATED TO EROSION AND SEDIMENT CONTROLS, DEWATERING OR UNWATERING, RESTORATION AND IN- OR NEAR- WATER WORKS. SHOULD CONCERNS ARISE ON SITE THE ENVIRONMENTAL MONITOR WILL CONTACT THE CVC ENFORCEMENT OFFICER AS WELL AS THE PROPONENT."
6. "ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE ENTRY OR PETROLEUM PRODUCTS, DEBRIS, AND OTHER CONTAMINANTS INTO SURROUNDING BODIES OF WATER. THE WATER. VEHICULAR REFUELING AND MAINTENANCE WILL BE CONDUCTED A MINIMUM OF 30 METRES FROM THE WATER."
7. "ALL GRADES WITHIN THE REGULATORY FLOOD PLAN WILL BE MAINTAINED OR MATCHED."
8. "THE PROPONENT/CONTRACTOR SHALL MONITOR THE WEATHER SEVERAL DAYS IN ADVANCE OF THE ONSET OF THE PROJECT TO ENSURE THAT THE WORKS WILL BE CONDUCTED DURING FAVOURABLE WEATHER CONDITIONS. SHOULD AN UNEXPECTED STORM BECOME A FACTOR, THE CONTRACTOR WILL REQUEST UNWATERING FROM THE REGIONAL STORM FLOOD PLAN THAT WOULD HAVE THE POTENTIAL TO CAUSE A SPILL OR AN OBSTRUCTION TO FLOW, E.G., FUEL TANKS, PORTA-POTTIES, MACHINERY, EQUIPMENT, CONSTRUCTION MATERIALS, ETC."
9. "ALL DEWATERING/UNWATERING SHALL BE TREATED AND RELEASED TO THE ENVIRONMENT AT LEAST 30 METRES FROM A WATERCOURSE OR WETLAND AND ALLOWED TO DRAIN THROUGH A WELL-VEGETATED AREA. NO DEWATERING EFFLUENT SHALL BE SENT DIRECTLY TO ANY WATERCOURSE, WETLAND OR FOREST, OR ALLOWED TO DRAIN INTO DISTURBED SOLS WITHIN THE WORK AREA. THE CONTRACTOR SHALL MEASURED FOR EFFECTIVENESS AND MAINTAINED OR REVISED TO MEET THE OBJECTIVE OF PREVENTING THE RELEASE OF SEDIMENT LADEN WATER."
10. ALL ACCESS TO THE WORK SITE SHALL BE McMASTER STREET.

1. SILLATION CONTROL FENCING, CONSTRUCTION MUD-MAT AND ROCK CHECK DAMS TO BE INSTALLED PRIOR TO ANY CONSTRUCTION ON SITE.
2. THE INSPECTIONS SHOULD BE OCCURRING DURING ALL CONSTRUCTION STAGES.
INSPECTION OF ALL SILLATION AND EROSION CONTROL DEVICES IS REQUIRED DURING EARTHWORKS, UNDERGROUND SERVICING, ROAD CONSTRUCTION AND BUILDING. COPY OF INSPECTION REPORT SHOULD BE SUBMITTED TO THE CITY GRADING & MUNICIPAL INSPECTION DEPARTMENT OF THE ENGINEERING DEPARTMENT.
- 2.1. WEEKLY AFTER EVERY RAINFALL EVENT.
- 2.2. AFTER SIGNIFICANT SNOWMELT EVENT.
- 2.3. DAILY DURING EXTENDED RAIN OR SNOWMELT EVENT.
3. ALL REPAIRS TO BE COMPLETED WITHIN 48 HOURS OF NOTIFICATION BY BUILDER/CONTRACTOR.
4. VEHICLE TRACKING CONTROL/MUD MATS MUST BE MADE TO PREVENT THE TRANSPORT OF SEDIMENT ONTO THE PAVED SURFACE.
- 4.1. THE PAD SHOULD BE AS PER EROSION AND SEDIMENT CONTROL GUIDELINES (DECEMBER 2006).
- 4.2. THE GRANULAR MATERIAL WILL REQUIRE PERIODIC REPLACEMENT.
5. INTERIOR CURB SWALES TO BE CONSTRUCTED WITH 2:1 SIDE SLOPES. THIS DRAWING, SWALES SHOULD BE COMPACTED AND CONSTRUCTED WITH MAX. 2:1 SIDE SLOPES. RIP-RAP STABILIZATION REQUIRED AT THE OUTLET.
6. EROSION CONTROL MATS TO BE APPLIED TO CONVEYANCE SWALE AND DITCHES.
7. ALL FILL MATERIALS TO BE CLEAN AND FREE OF TRASH, RUBBISH, GLASS, LIQUID OR TOXIC CHEMICALS OR GARBAGE MATERIALS.

1. THE ESC STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASES TO THE NATURAL ENVIRONMENT. THE CVC ENFORCEMENT OFFICE WILL BE CONTACTED IMMEDIATELY SHOULD THE EROSION AND SEDIMENT CONTROL PLANS CHANGE FROM THE APPROVED PLANS. FAILED ESC MEASURES WILL BE REPAIRED IMMEDIATELY.
2. ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE LEAKAGE OF PETROLEUM PRODUCTS, DEBRIS, RUBBLE, CONCRETE OR OTHER DELTERIOUS SUBSTANCES INTO THE WATER. VEHICULAR REFUELING AND MAINTENANCE WILL BE CONDUCTED 30 MATERS FROM THE WATER.







2. ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE ENTRY OF PETROLEUM PRODUCTS, DEBRIS, RUBBLE, CONCRETE OR OTHER DELETERIOUS SUBSTANCES INTO THE WATER. VEHICULAR REFUELING AND MAINTENANCE WILL BE CONDUCTED 30 MATERS FROM THE WATER.



PART OF LOTS 2 AND 7 REGISTERED PLAN A-92 AND PART OF LOTS 1 AND 2

**SOUTH OF WATER STREET (NOT OPEN), NORTH OF MAIN STREET, EAST OF WYNDHAM STREET
PLAN STR-4 AND PART OF LOT 4, CONCESSION 4. WEST OF
HURONTARIO STREET**

(GEOGRAPHIC TOWNSHIP OF TORONTO) FORMERLY VILLAGE OF STREETSVILLE
CITY OF MISSISSAUGA, REGIONAL MUNICIPALITY OF PEEL

	SILT FENCE
	ROCK CHECK DAM
	TEMPORARY SWALE
	DRAINAGE PATTERN
	FILTREXX CHECK DAM
	CONSTRUCTION FENCE

ELEVATIONS ARE REFERRED TO CITY OF MISSISSAUGA DATUM AND WERE DERIVED FROM CITY OF MISSISSAUGA
 BENCHMARK NO. 63-4. HAVING A PUBLISHED ELEVATION OF 163.543 metres.
 BEARING NOTE
 BEARINGS ARE NORTH, UTM ZONE 17, NAD83 (ORIGINAL) DERIVED FROM
 SCP 075760396 NORTH 42.006055.092 EAST 603018.602
 SCP 075760397 NORTH 42.062524.278 EAST 603018.766
 COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL) TO URBAN ACCURACY PER SEC. 14(2) OF THE PLATINUM, AND
 CANNOT BE USED TO ESTABLISH CORNERS OR BOUNDARIES ON THIS PLAN.
 DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF
 0.999713. ALL DIMENSIONS AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED. PIPE SIZES ARE IN MILLIMETRES

2.	REVISED AS PER CITY COMMENTS	OCT.28/2019	M.E.H.
1.	REVISED AS PER CITY COMMENTS	AUG./13/2018	D.OH.
REVISION BLOCK		DATE	APPR. BY

**2576954 ONTARIO INC. PROPOSED
CONDOMINIUM TOWNHOUSE DEVELOPMENT**



APPROVED AS TO FORM IN RELIANCE
UPON THE PROFESSIONAL SKILL AND
ABILITY OF CONDELAND
ENGINEERING LIMITED AS TO DESIGN
AND SPECIFICATION

DIRECTOR OF DEVELOPMENT/
TRANSPORTATION ENGINEERING

DATE: _____

CONDELAND
CONSULTING ENGINEERS & PROJECT MANAGERS

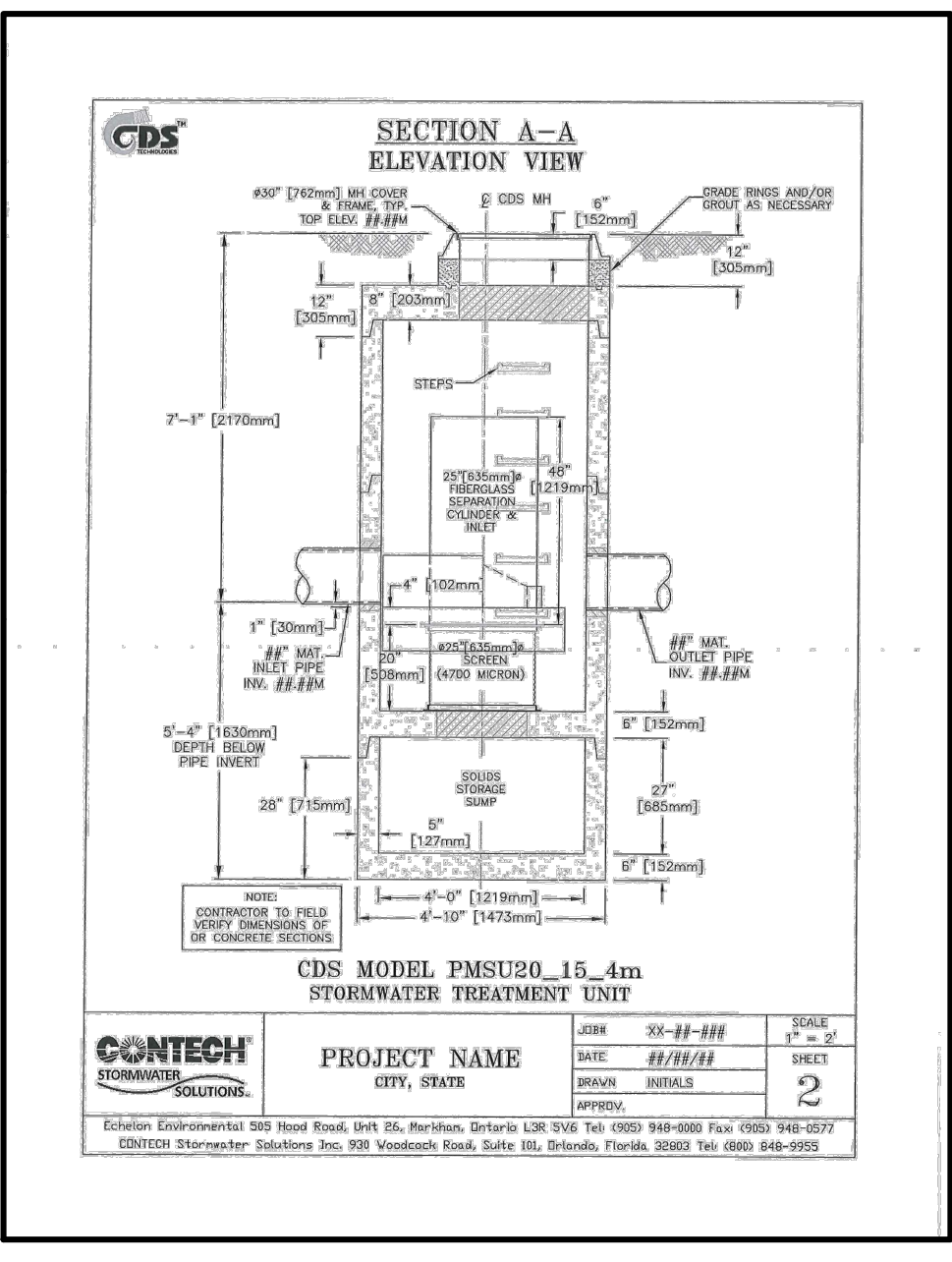
350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2

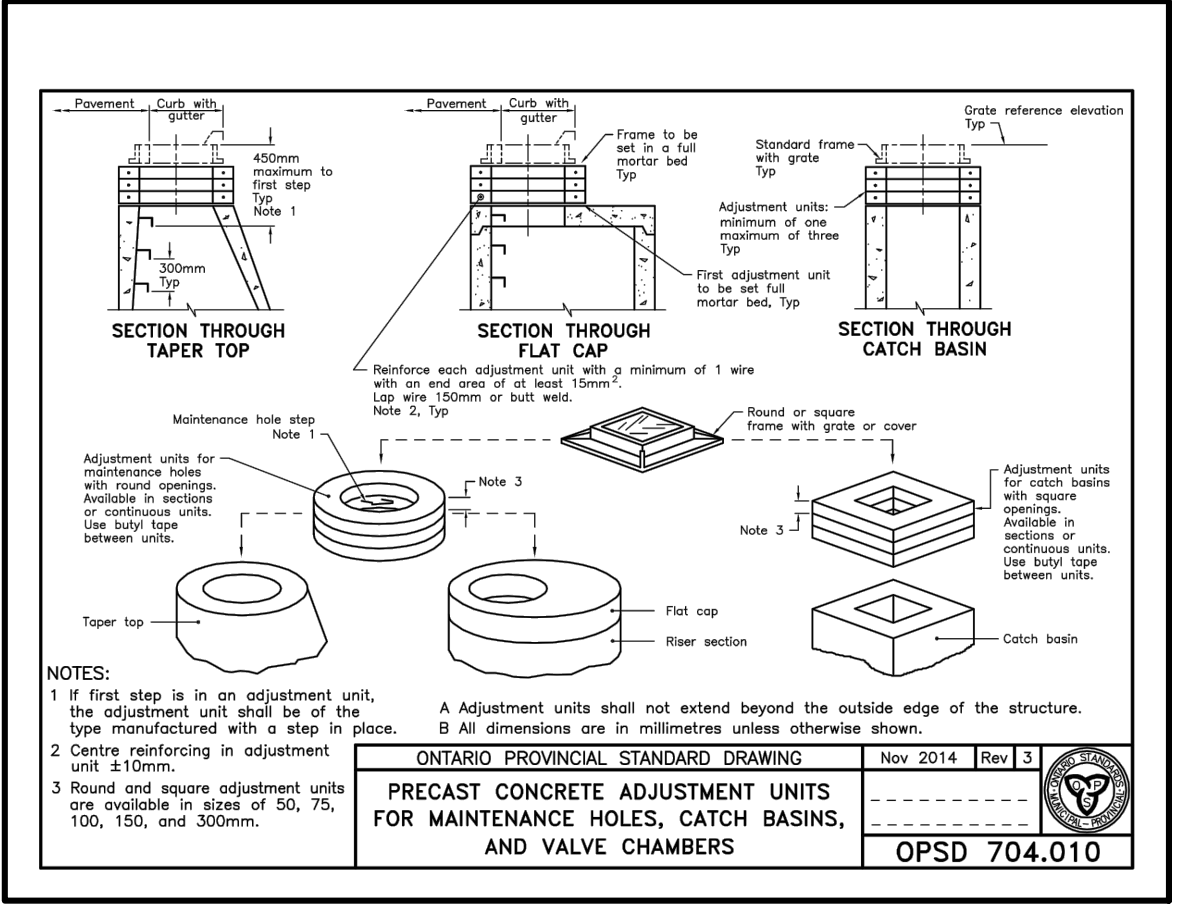
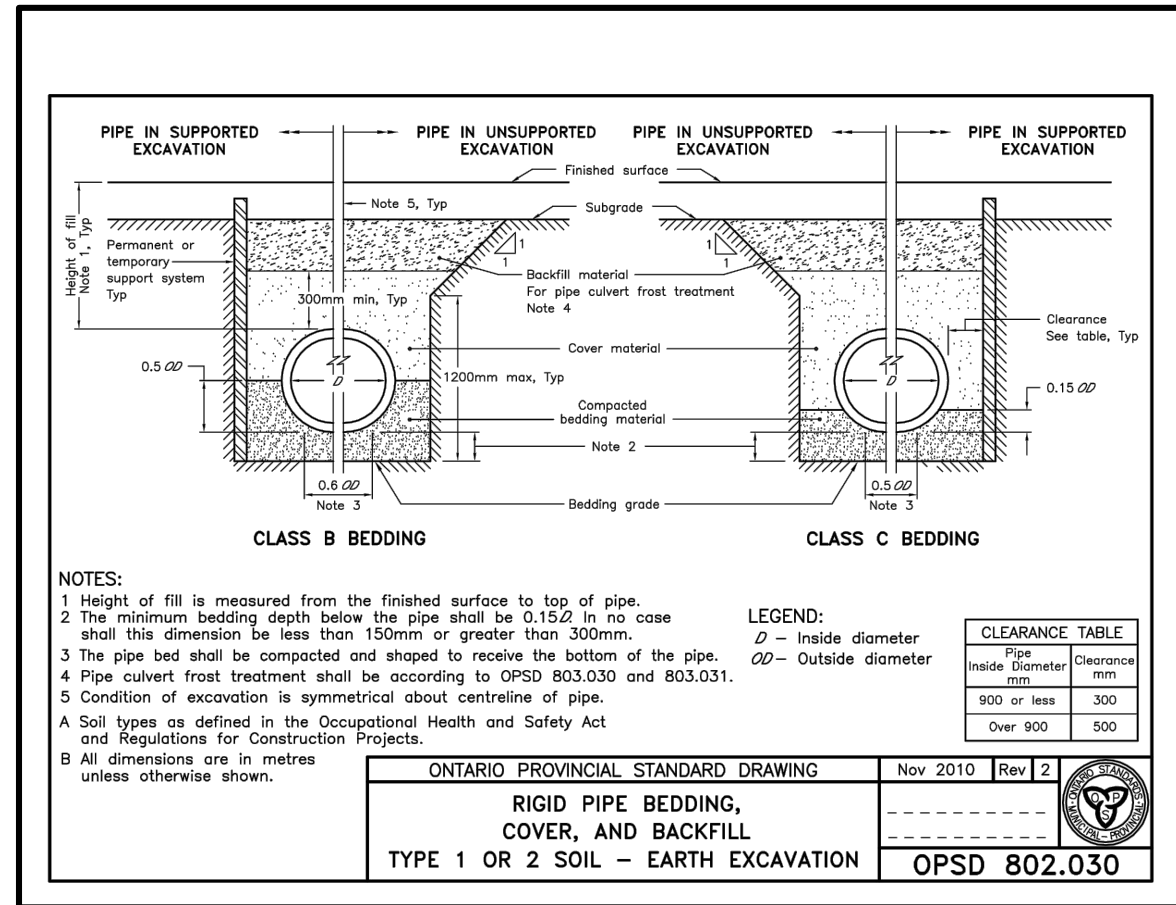
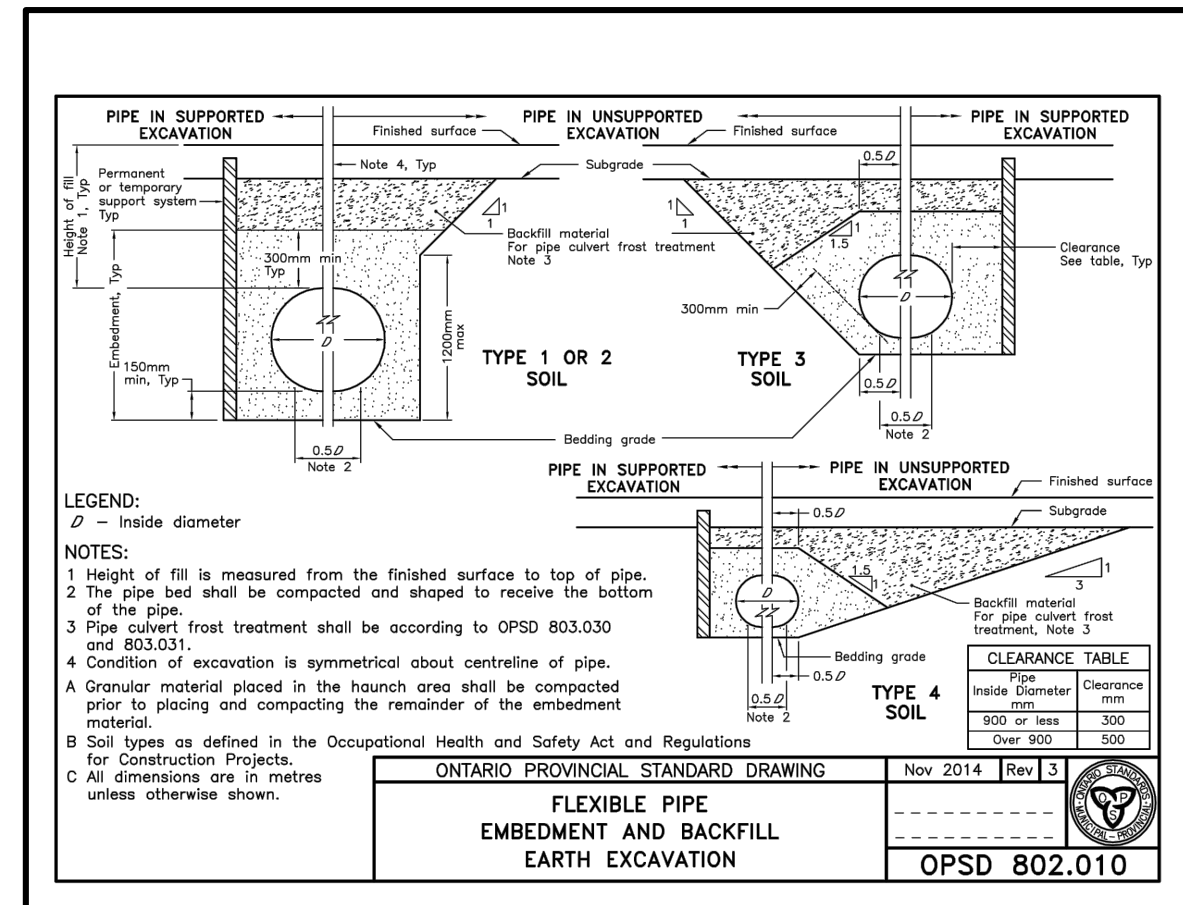
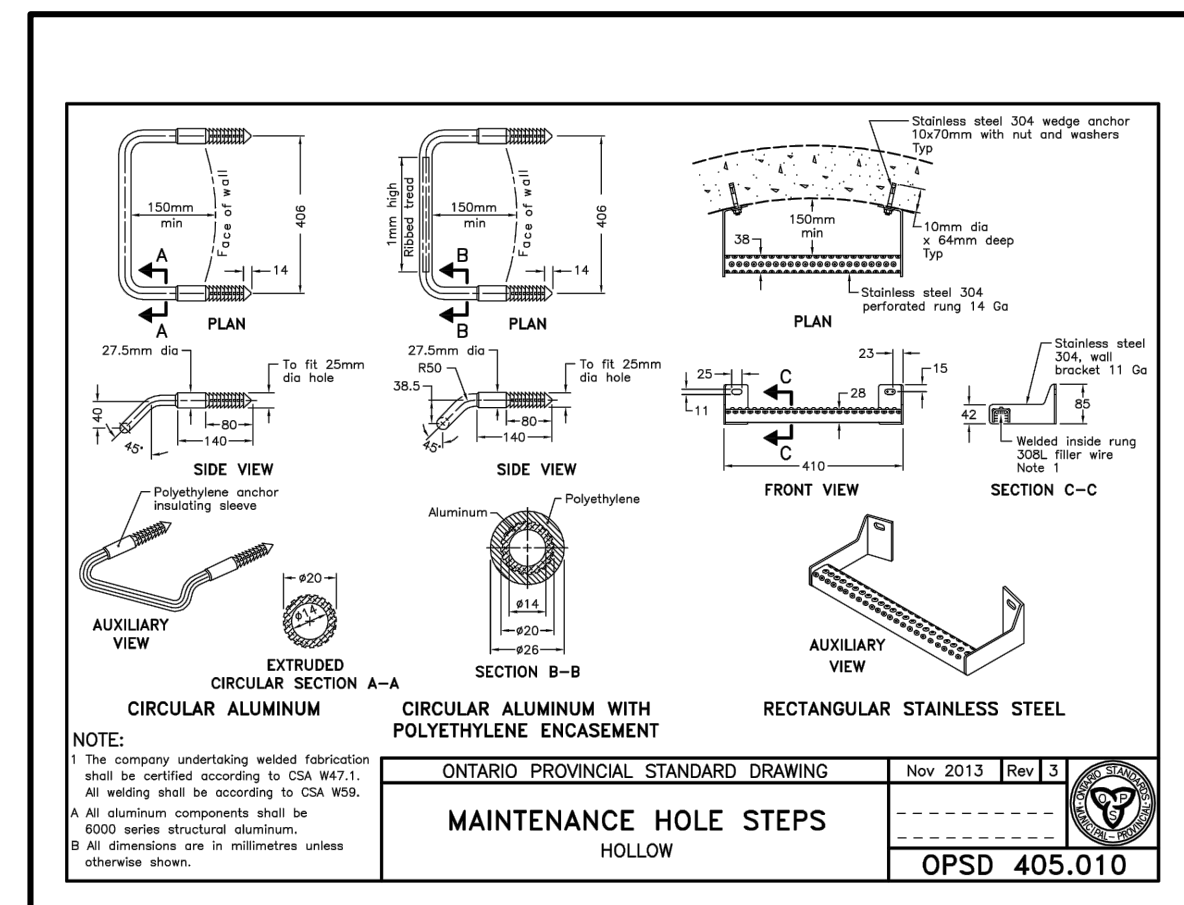
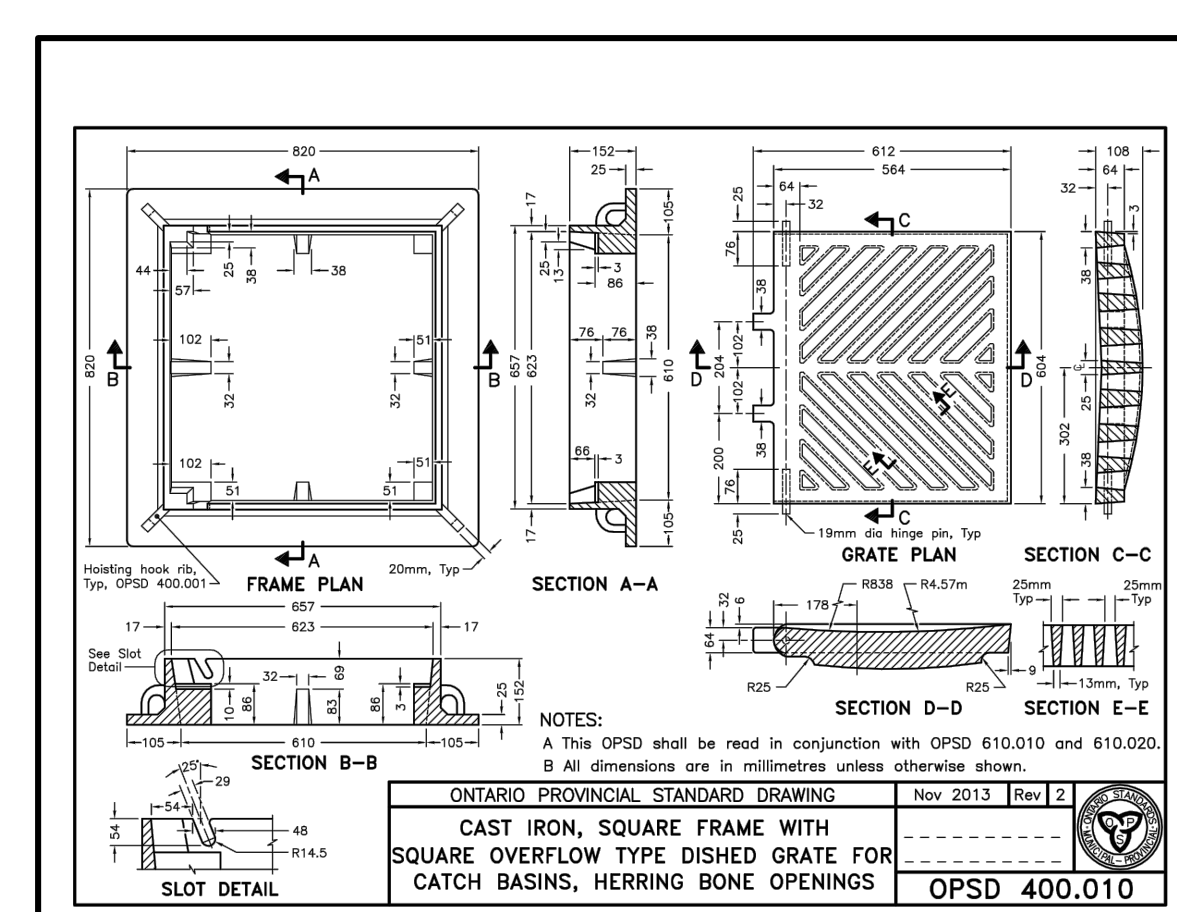
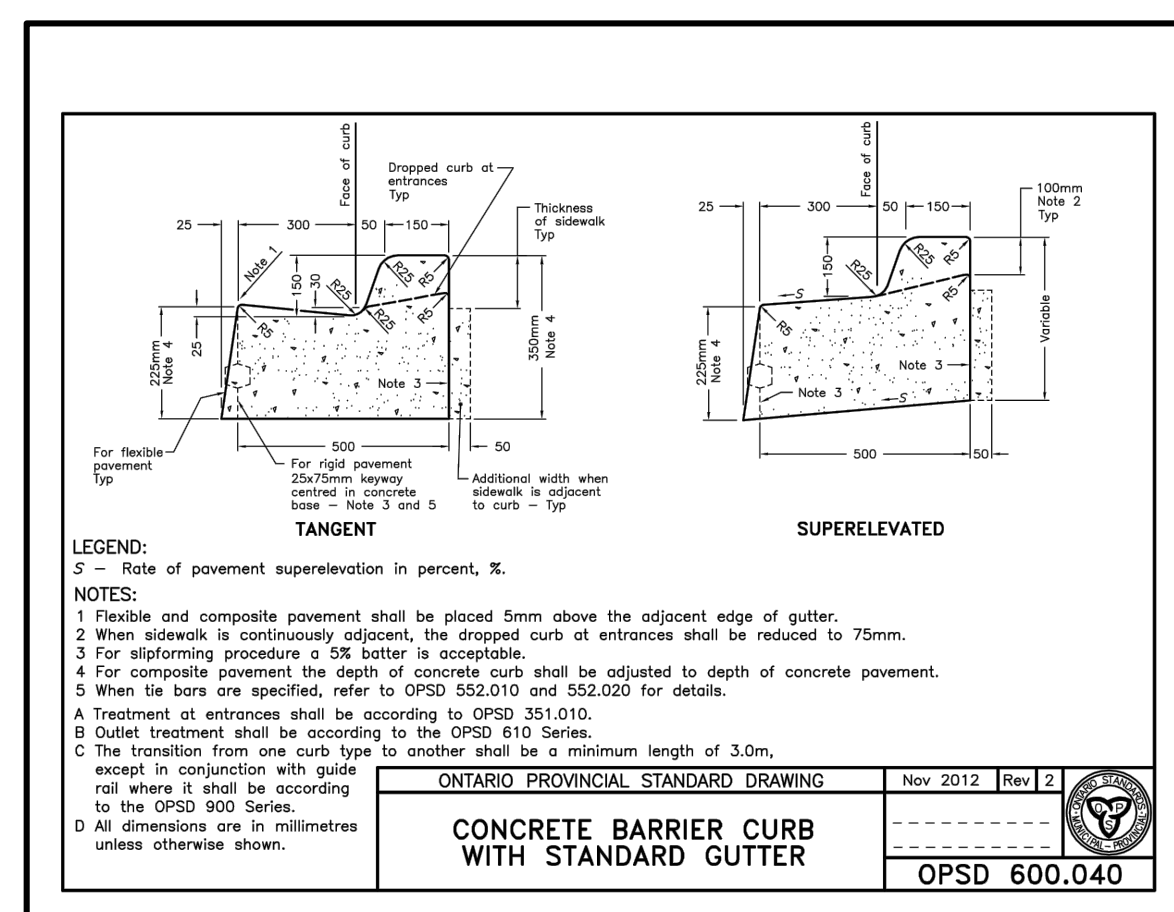
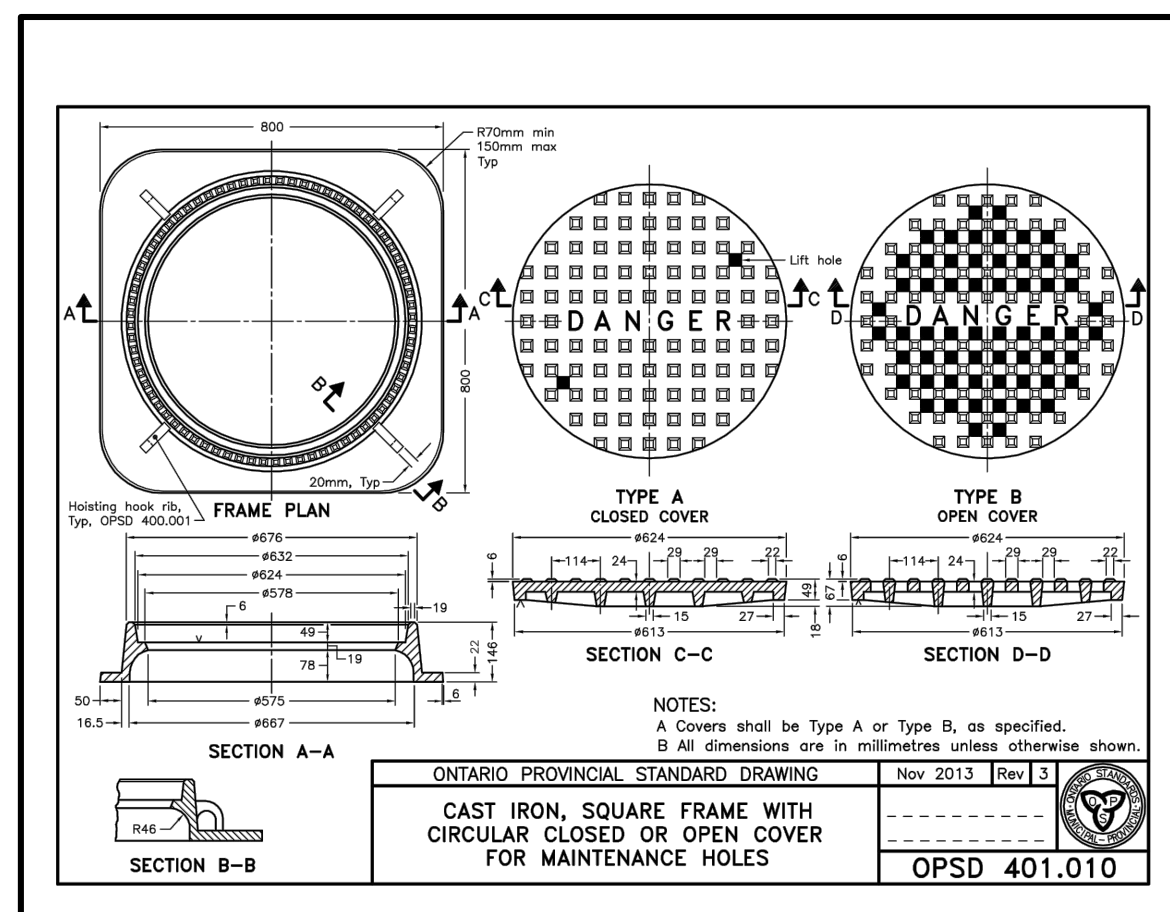
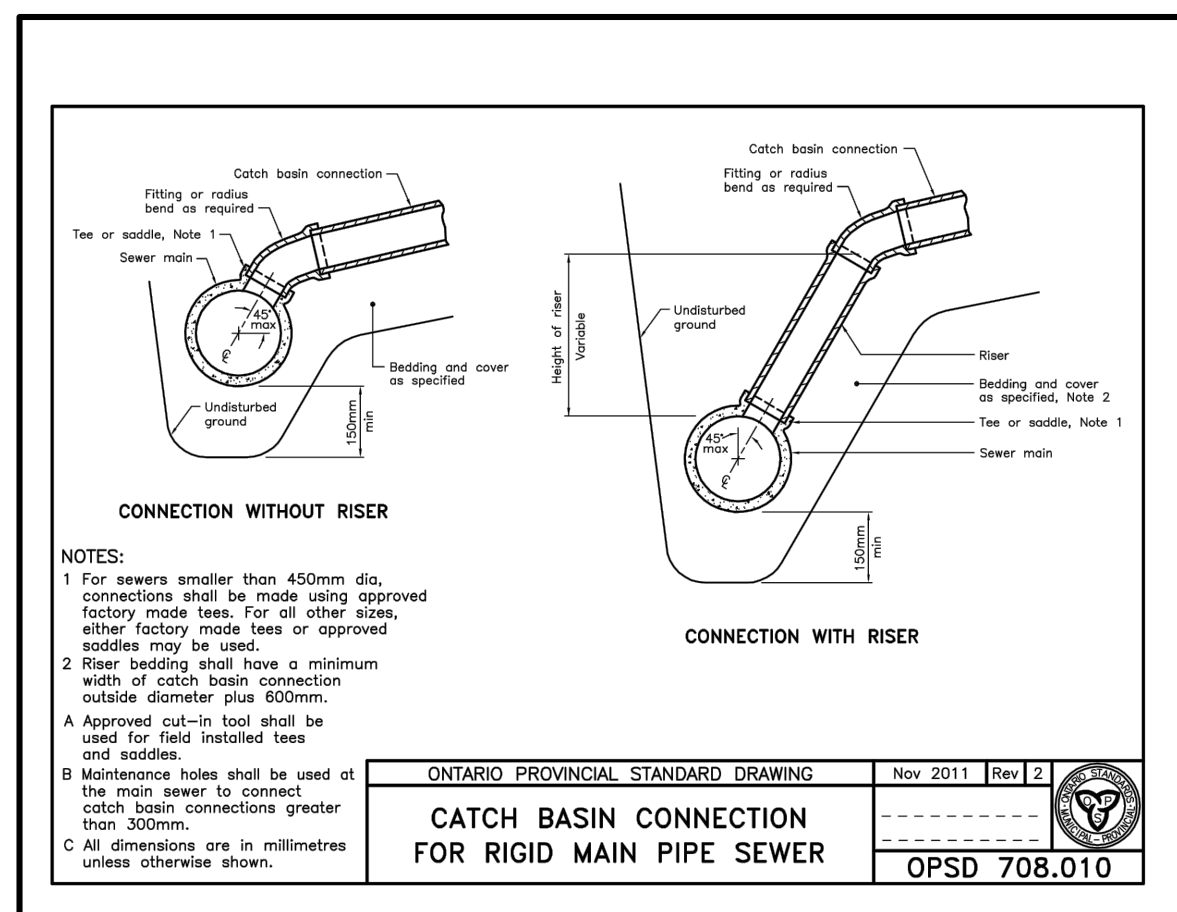
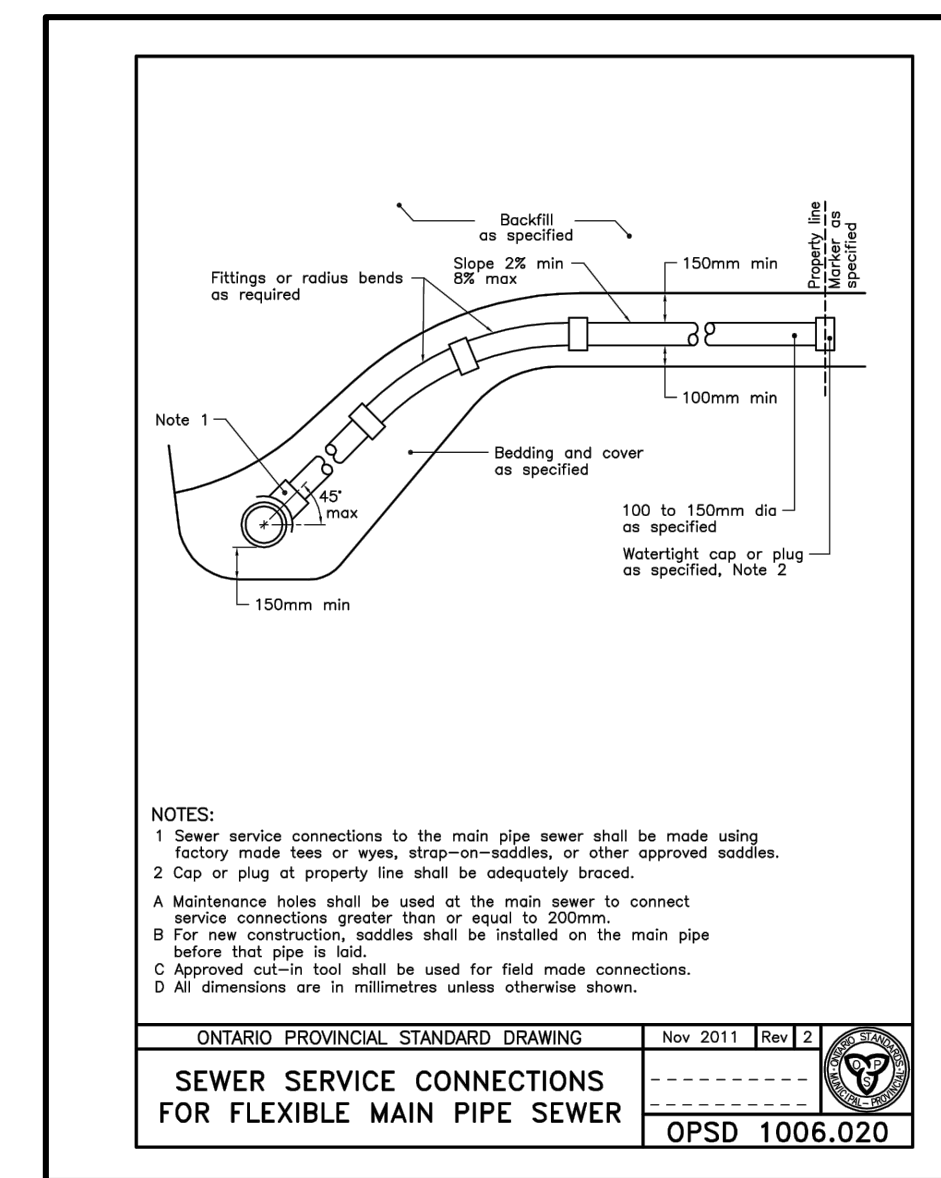
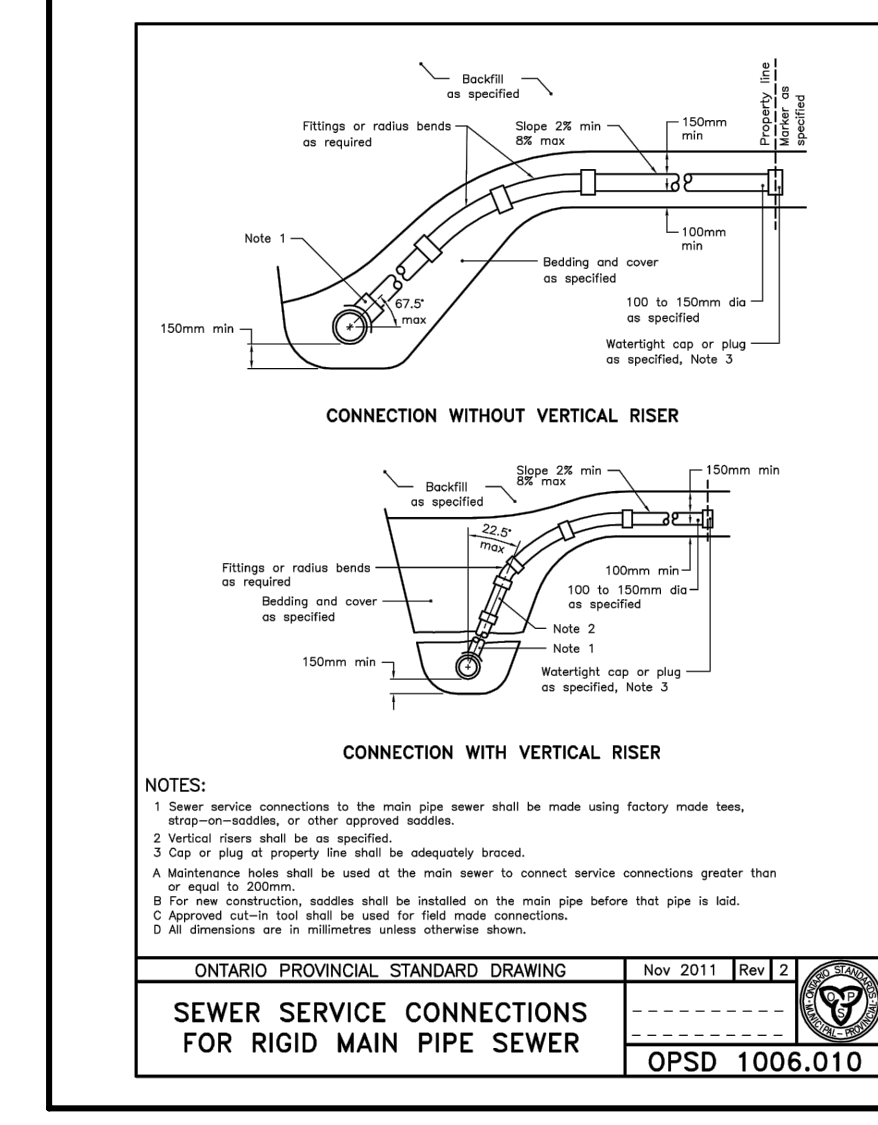
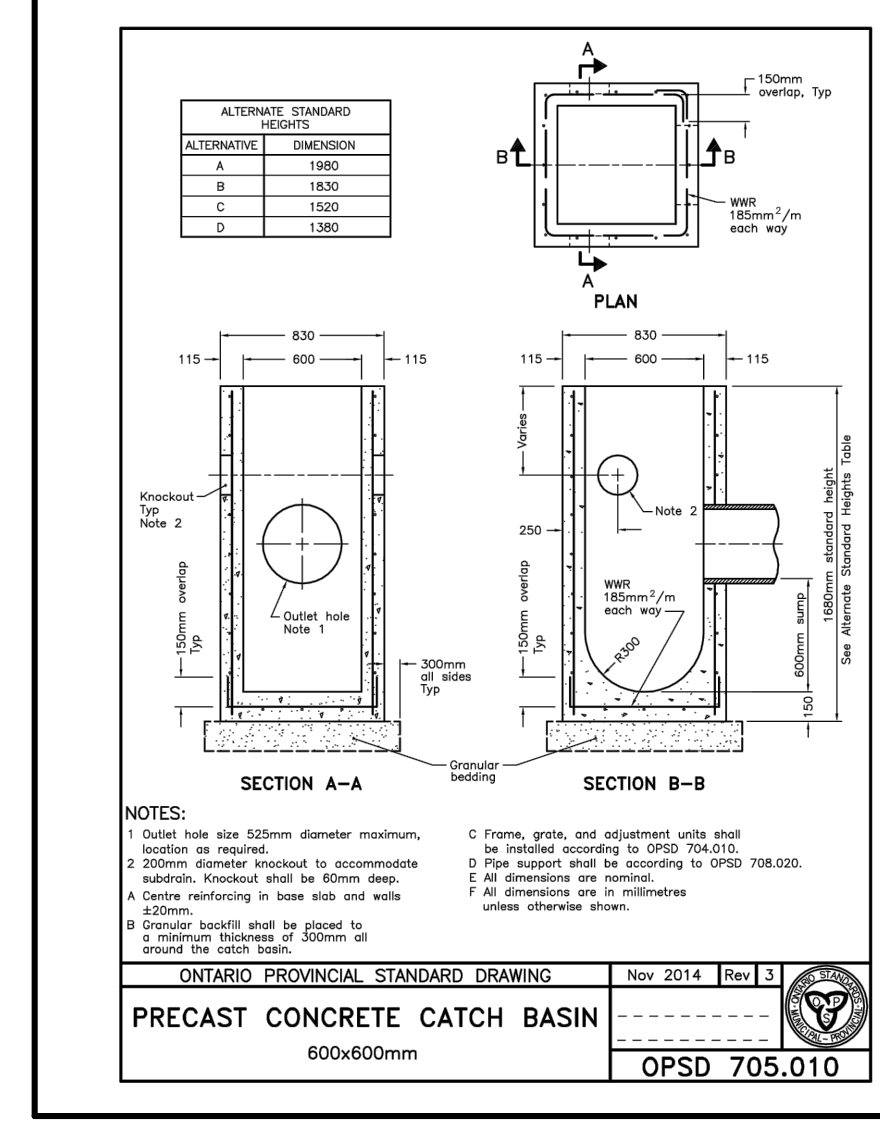
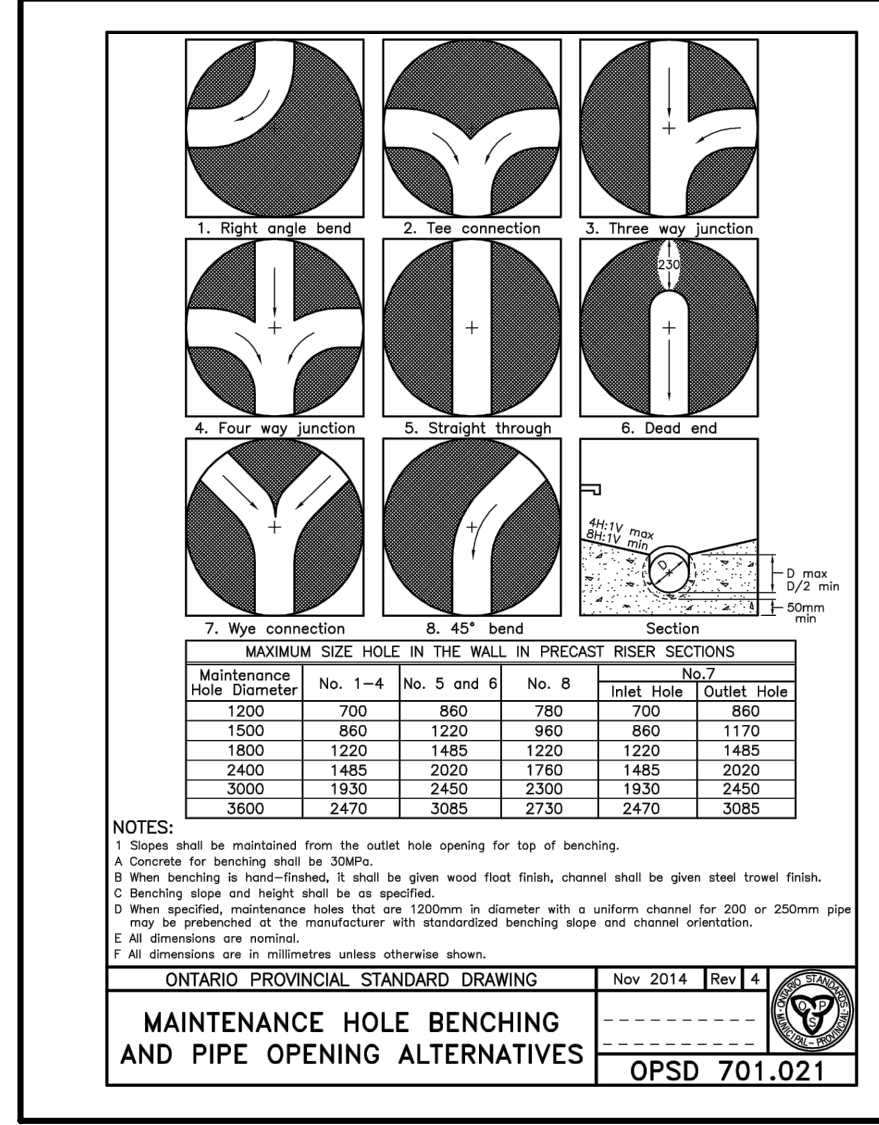
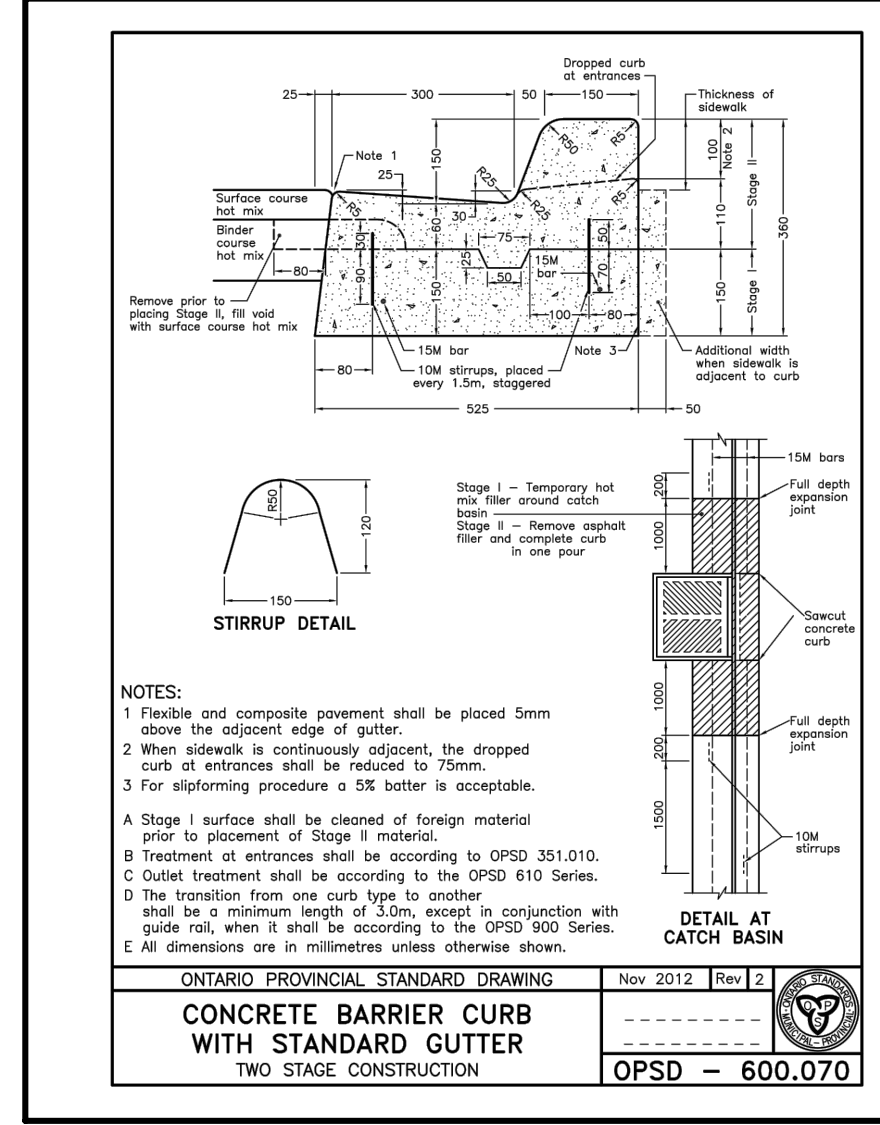
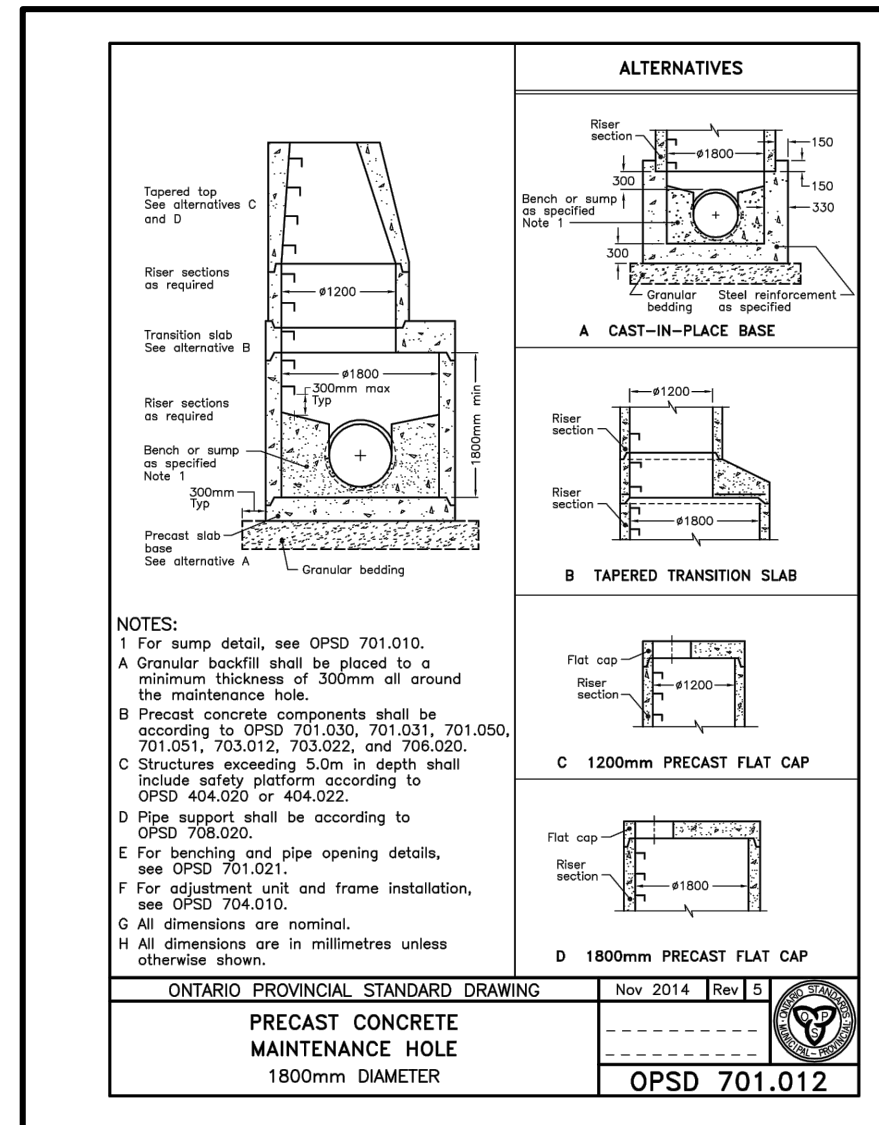
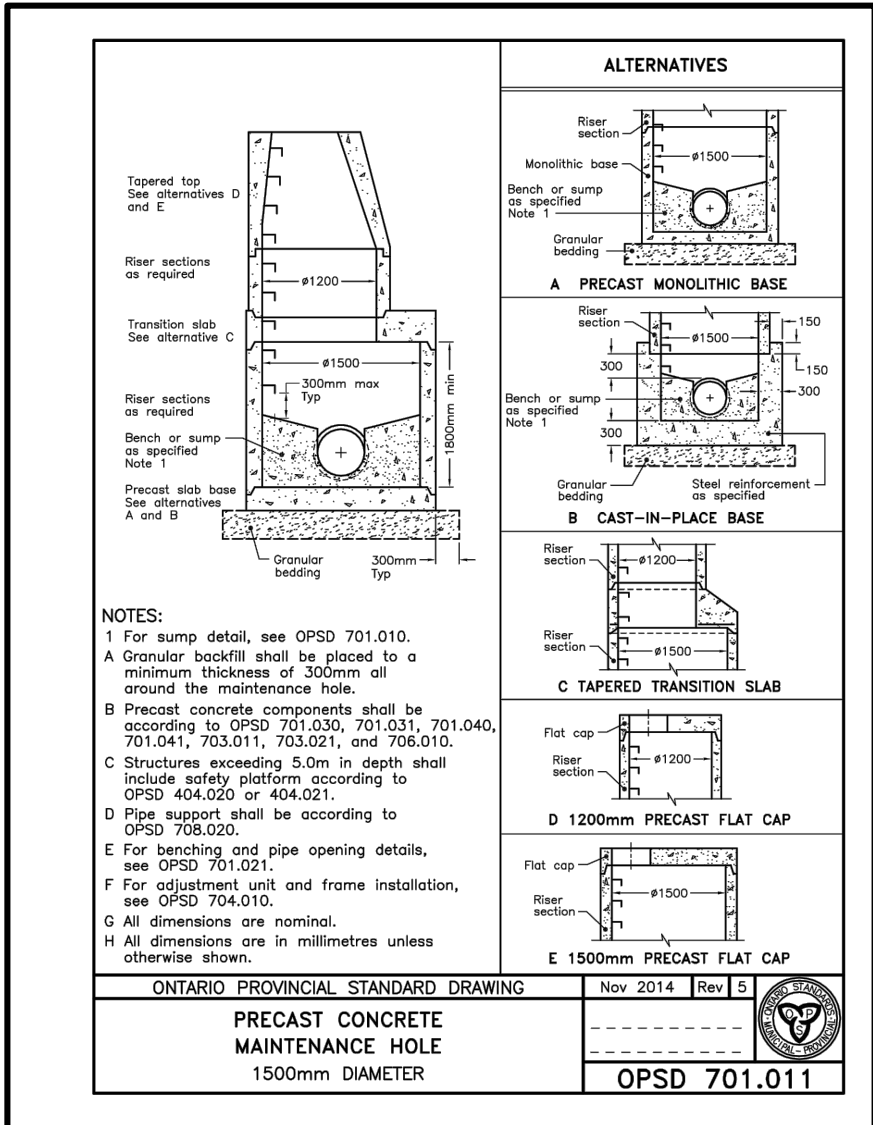
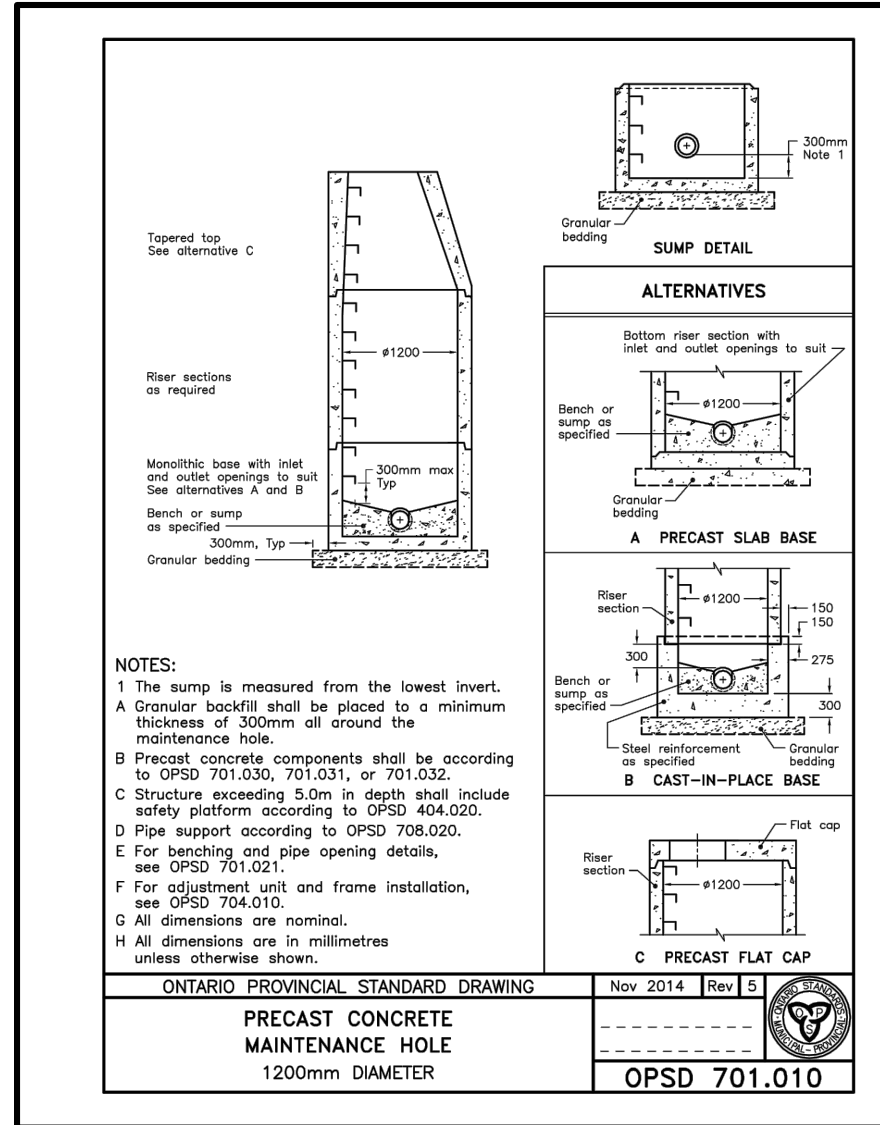


Region of Peel
Working for you

CONCEPTUAL EROSION AND SEDIMENT CONTROL PLAN

DESIGNED BY:	D.M.	DATE: OCTOBER 2019	CHECKED BY:	M.E.H.
DRAWN BY:	M.A./G.M.	DRAWING NO.	CITY FILE	
SCALE:	1:300	17-018-07 Sheet: 07 of 10		





REGION NOTE
THE APPLICANT, APPLICANT'S REPRESENTATIVES, CONSULTANTS, CONTRACTORS AND SUB-CONTRACTORS ARE RESPONSIBLE TO ENSURE THAT THEIR DESIGN AND CONSTRUCTION PRACTICES CONFORM TO THE LATEST REGION OF PEEL STANDARDS, SPECIFICATIONS AND DESIGN CRITERIA, AS POSTED ON THE REGION OF PEEL'S WEBSITE (WWW.PEEL.REGION.CA/PW/STANDARDS).

2.	REVISED AS PER CITY COMMENTS	OCT/28/2019	M.E.H.
1.	REVISED AS PER CITY COMMENTS	AUG/13/2018	D.P.H.
REVISION BLOCK	DATE	DATE	APPR. BY

2576954 ONTARIO INC. PROPOSED CONDOMINIUM TOWNHOUSE DEVELOPMENT



APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CONDELAND ENGINEERING LIMITED AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT/TRANSPORTATION ENGINEERING
DATE: _____

CONDELAND
CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2
P: (905) 695-2096
F: (905) 695-2099



OPSD STANDARDS DETAILS

DESIGNED BY: D.M.	DATE: OCTOBER 2019	CHECKED BY: M.E.H.
DRAWN BY: M.A./G.M.	DRAWING NO. 17-018-09	CITY FILE
SCALE: N.T.S.	Sheet: 09 of 10	