

GENERAL NOTES

- DRAWINGS ARE NOT TO BE SCALED.
- DO NOT SITE BUILDINGS WITH THIS DRAWING.
- ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE SITE PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
- UNLESS OTHERWISE NOTED ON THE DRAWINGS THE STANDARD TOWN, REGION/TOWN, MTO AND OPSD AND OPSS ARE TO CONSTITUTE PART OF THIS CONTRACT AND SITE PLAN DRAWINGS.
- REFER TO TOWN STANDARDS AND SPECIFICATIONS FOR LIST OF APPROVED MANUFACTURERS AND MATERIALS.
- EXISTING STRUCTURES ARE NOT TO BE DISTURBED, NOR ENCROACHMENT ON ADJACENT PROPERTIES UNLESS INSTRUCTED BY THE ENGINEER.
- THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNERS CONTRACTOR FROM OBTAINING AND PAYING FOR, BUT NOT LIMITED TO THE FOLLOWING PERMITS, ROAD CUTS, SEWER PERMITS, RELOCATION OF SERVICES, ENCROACHMENT AGREEMENTS, APPROACH APPROVAL PERMITS, ETC. ALL RESTORATION AS PER TOWN STANDARDS.
- PRIOR TO CONSTRUCTION, THE ENGINEER IS TO BE NOTIFIED BY THE OWNER AND THE CONTRACTOR AS TO THE EXTENT OF THE CONSTRUCTION LIMITS THEY PROPOSE. THE TOWN IS TO BE NOTIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE SITE PLAN, LANDSCAPE PLAN, SITE ELECTRICAL PLANS, AND ANY OTHER PLANS OR DRAWINGS WHICH DEPICT WORKS THAT ARE PROPOSED FOR THIS SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS. ALL SIGNS, ETC. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS FOR THE TOWN AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR ONTARIO.
- THE CONTRACTOR SHALL ENDEAVOR TO PREVENT MUD TRACKING ONTO EXISTING RIGHT-OF-WAYS AND SHALL PROVIDE FOR CLEANUP AT HIS OWN EXPENSE AS DIRECTED BY THE TOWN. 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 TOWN.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES PRIOR TO AND DURING CONSTRUCTION. LOCATION OF EXISTING UTILITIES TO BE VERIFIED IN THE FIELD.
- THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE TOWN.
- BLASTING WILL NOT BE ALLOWED UNLESS AUTHORIZED BY THE TOWN.
- ANY UTILITY RELOCATIONS DUE TO THIS DEVELOPMENT TO BE UNDERTAKEN AT THE EXPENSE OF THE OWNER/DEVELOPER.
- ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE ENGINEER WHICH MUST BE RETURNED AT THE COMPLETION OF WORK.
- DRIVEWAYS SHALL BE SETBACK A MINIMUM CLEARANCE OF 1.0 m. FROM ALL ABOVEGROUND SERVICES OR OTHER OBSTRUCTIONS.
- ALL CONSTRUCTION WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- CONSTRUCTION ACCESS SHALL BE CONSTRUCTED WITH A MIN. OF 450mm THICK CRUSHED STONE BASE FROM MUNICIPAL CURB OR EDGE OF PAVEMENT TO THE PROPERTY LINE TO THE SATISFACTION OF THE TOWN. LOCATION SHALL BE AS PER THE TOWN.
- MINIMUM CLEARANCE OF 1.0m FROM ALL ABOVE GROUND SERVICES AND UTILITIES.
- OUTSIDE LIGHTING IS TO BE DIRECTED DOWNWARD AS WELL AS INWARD AND DESIGNED TO MAINTAIN ZERO CUTOFF LIGHT DISTRIBUTION AT THE PROPERTY LINE.
- ALL WORKS WITHIN TOWN RIGHT-OF-WAY TO BE PERFORMED BY TOWN FORCES OR AN APPROVED CONTRACTOR AS PER TOWN ACCEPTANCE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ALL EXISTING SEWERS ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION INCLUDING SEWER INVERTS, MATERIAL TYPE, AND SIZE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
- ALL RELOCATION, RECONSTRUCTION AND RESTORATION TO BE PERFORMED TO THE SATISFACTION OF THE DIRECTOR OF ENGINEERING.

GRADING

- THE GRADING PLAN IS TO BE READ WITH THE SITE SERVICES DRAWING AND THE SITE PLAN. FOR BUILDING DETAILS REFER TO THE LATEST REVISION OF THE SITE PLAN AS PER THE ARCHITECT.
- CONTRACTOR TO RESTORE ALL DISTURBED AREAS (I.E. PUBLIC R.O.W., ADJACENT LANDS) WHICH HAVE BEEN DISTURBED DURING CONSTRUCTION TO PREVIOUS OR BETTER CONDITION.
- ALL DRIVEWAY AND GRADING MATERIAL AND CONSTRUCTION METHODS MUST CONFORM TO CURRENT TOWN STANDARDS AND SPECIFICATIONS.
- ALL FILL WITHIN THE SITE TO BE COMPACTED TO A MIN. OF 100% STD. PROCTOR DENSITY. THE SUITABILITY OF ALL FILL MATERIALS ARE TO BE CONFIRMED BY A RECOGNIZED SOILS CONSULTANT TO THE DIRECTOR OF ENGINEERING PRIOR TO INSTALLATION OF ANY ROAD BASE MATERIALS.
- LANDSCAPE SHALL NOT ENROACH ON BOULEVARD NOR SHALL BOULEVARD GRADES BE ALTERED.
- SILT FENCE(S) TO BE INSTALLED AND MAINTAINED TO PREVENT SILT FLOWING ONTO ADJACENT LANDS SILTATION CONTROL METHODS SUCH AS ENVIROFENCE OR APPROVED EQUAL SHALL BE ERRECTED PRIOR TO ANY GRADING OR CONSTRUCTION AND SHALL BE
- ANY CHANGES IN GRADES OR CATCH BASINS REQUIRE THE APPROVAL OF THE ODAN/DETECH GROUP INC.
- THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE TOWN.
- ALL LANDSCAPING TO BE INSTALLED AS SOON AS POSSIBLE OR PRIOR TO THE END OF THE FIRST GROWING SEASON. LANDSCAPING TO BE MAINTAINED UNTIL IT IS ESTABLISHED.
- ALL CONNECTIONS WITH PAVED PORTIONS OF EXISTING ROADS TO BE BACKFILLED WITH GRANULAR MATERIAL OR LATEST TOWN SPECIFICATIONS AND COMPACTED TO 100 % SPD.
- CONSTRUCTION ACCESS SHALL BE CONSTRUCTED WITH A MIN. OF 450mm THICK CRUSHED STONE BASE FROM MUNICIPAL CURB OR EDGE OF PAVEMENT TO THE PROPERTY LINE TO THE SATISFACTION OF THE TOWN.
- ALL CURBS ARE TO BE 150mm ABOVE THE PROPOSED GUTTER LINE (G/L) UNLESS NOTED OTHERWISE.
- PAVEMENT GRADE (MIN. 0.5% MAX. 5%).
- DRAINAGE SWALES WITH GRADES (MIN. 2% MAX. 5%).
- SLOPES IN LANDSCAPE AREAS AND ON BERMS SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL.
- THE PARKING AREAS AND DRIVEWAY HAVE BEEN DESIGNED ACCORDING TO A FROST SUSCEPTIBILITY FACTOR OF 5. THIS FACTOR IS TO BE VERIFIED BY A SOILS CONSULTANT.

CONTRACTOR TO VERIFY ALL INVERTS, SIZE, MATERIAL, AND LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ODAN/DETECH GROUP

CONTRACTOR TO PROVIDE AS-BUILT SURVEY UPON COMPLETION OF ALL WORKS TO THE ODAN/DETECH GROUP SURVEY TO BE COMPLETED BY A CERTIFIED ONTARIO LAND SURVEYOR

SERVICING NOTES STORM SEWERS

- ALL STORM SEWERS 450mm ϕ AND SMALLER TO BE PVC SDR 35 IN ACCORDANCE WITH CSA-B182.2, ASTM D-2779 AND ASTM D-3034 OR LATEST REVISIONS UNLESS OTHERWISE NOTED. 525mm ϕ AND LARGER TO BE CONCRETE IN ACCORDANCE WITH CSA A257.2, CLASS 650 OR LATEST REVISIONS. UNLESS OTHERWISE NOTED. ROOF TOP STORM LEADS 150mm ϕ AND SMALLER TO BE PVC SDR 28.
- ULTRA RIBBED PVC PIPE SHALL NOT BE USED, UNLESS OTHERWISE DIRECTED BY THIS ENGINEER.
- ALL CATCH BASIN LEADS TO BE A MINIMUM OF 300mm ϕ PVC SDR 35 IN ACCORDANCE WITH CSA-B182.2, ASTM D-2779 AND ASTM D-3034 OR LATEST REVISIONS, UNLESS OTHERWISE NOTED.
- BEDDING AND COVER FOR PVC SEWERS (FLEXIBLE PIPE) AS PER OPSD 802.010, GRANULAR "A" COMPACTED TO 100% SPD.
- BEDDING AND COVER FOR CONCRETE SEWERS (RIGID PIPE) AS PER OPSD 802.030, CLASS B, GRANULAR "A", COMPACTED TO 100% SPD, UNLESS OTHERWISE SPECIFIED.
- ALL STORM SERVICES TO BUILDINGS SHALL BE AT A MINIMUM SLOPE OF 1.0%
- THE CONTRACTOR IS TO CAP ALL STORM SERVICES 2.0 METRES AWAY FROM THE PROPOSED BUILDING LINES UNLESS OTHERWISE NOTED.
- CULVERT THICKNESS SHALL BE 1.6mm MINIMUM WITH LENGTHS IN STANDARD INCREMENTS OF 3, 6, AND 7 METRES.
- STORM MANHOLES SHALL BE AS PER OPSD-701.010, 701.011, 701.012, 701.013 AS SPECIFIED. BENCHING TO SPRINGLINE OF PIPE AS PER OPSD-701.021. FRAME & COVER AS PER OPSD-401.01, (TYPE A CLOSED COVER)
- ALL CATCH BASIN MANHOLES AS PER OPSD 701.010. FRAME AND GRATE AS PER OPSD 400.02.
- ALL MANHOLE AND CATCH BASIN ADJUSTMENTS SHALL BE AS PER OPSD-704.010. MAXIMUM OF THREE (3) UNITS AND 300mm HIGH, WHERE EXCEED CAST-IN-PLACE OR PRE-CAST RISER SECTIONS SHALL BE PROVIDED.
- ALL SAFETY GRATES AS PER OPSD 404.020 FOR MANHOLES > 5.0m DEPTH.
- EXISTING STORM MANHOLE(S) TO BE RE-BENCHED AS REQUIRED, AS PER OPSD-701.021.
- ALL CATCH BASINS SHALL BE INSTALLED IN ACCORDANCE WITH OPSD 705.010, INCLUDE GOSS TRAP IF REQUIRED BY TOWN. ALL CATCH BASIN FRAMES AND COVERS AS PER OPSD 400.02.
- ALL DOUBLE CATCH BASINS SHALL BE INSTALLED IN ACCORDANCE WITH OPSD-705.020, INCLUDE GOSS TRAP IF REQUIRED BY TOWN. ALL CATCH BASIN FRAMES AND COVERS AS PER OPSD 400.02.
- ALL DITCH INLET CATCH BASINS SHALL BE AS PER OPSD-705.030, WITH RIP-RAP TREATMENT AS PER OPSD-810.02, WITH GEOTEXTILE (MIRAFI P-140N).
- ALL CATCH BASIN CONNECTIONS SHALL BE AS PER OPSD-708.01 (RIGID PIPE) AND OPSD-708.03 (FLEXIBLE PIPE).
- ALL CATCH BASINS CONSTRUCTED IN FILL AREAS TO BE SUPPORTED IN 14MPa CONCRETE.
- AT ALL CATCH BASIN & CATCH BASIN MANHOLE SAG POINTS INCLUDE FOUR (4) 5.0m LONG, 100mm ϕ PVC SUBDRAINS WITH FILTER CLOTH, CAP ONE END AND CONNECT THE OTHER TO THE CATCH BASIN OR CATCH BASIN MANHOLE.
- ALL SEWER SERVICE CONNECTIONS FOR RIGID PIPE SHALL BE AS PER OPSD-1006.01.
- ALL SEWER SERVICE CONNECTIONS FOR FLEXIBLE PIPE SHALL BE AS PER OPSD-1006.02.
- ALL CONCRETE OUTLETS AS PER OPSD 605.030 WITH ASPHALT SPILLWAY AND RIP-RAP.
- ALL RIP-RAP TREATMENT FOR SEWER AND CULVERT OUTLETS SHALL BE AS PER OPSD-810.01, TYPE "B" WITH GEOTEXTILE (MIRAFI P-140N).
- ALL PAVEMENT REINSTATEMENT SHALL BE AS PER OPSD-509.010, FOR UTILITY CUTS, BACKFILL AS PER TOWN STD.
- ALL TESTING OF STORM SERVICES TO BE IN ACCORDANCE WITH ONTARIO PROVINCIAL STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE COLOUR VIDEO OF STORM SEWER UPON COMPLETION TO THE ENGINEER.

SANITARY

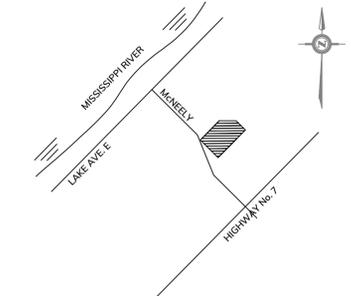
- ALL SANITARY SEWERS 200mm ϕ AND GREATER ARE TO BE PVC-SDR 35 IN ACCORDANCE WITH CSA-B182.2, ASTM D-2779 AND ASTM D-3034 OR LATEST REVISIONS, RUBBER GASKET.
- ALL SANITARY SEWERS 150mm ϕ AND LESS ARE TO BE PVC-SDR 28 IN ACCORDANCE WITH CSA-B182.2, ASTM D-2779 AND ASTM D-3034 OR LATEST REVISIONS, RUBBER GASKET.
- BEDDING AND COVER FOR PVC SANITARY SEWERS AS PER OPSD 802.010, GRANULAR "A" COMPACTED TO 100% SPD.
- THE CONTRACTOR IS TO CAP ALL SANITARY SERVICES 2.0 METRES AWAY FROM THE PROPOSED BUILDING LINES UNLESS OTHERWISE NOTED.
- ALL SANITARY SERVICES TO BUILDINGS SHALL BE AT A MINIMUM SLOPE OF 1.0%
- SANITARY MANHOLES SHALL BE AS PER OPSD-701.010, 701.011, 701.012, 701.013 AS SPECIFIED. BENCHING TO SPRINGLINE OF PIPE AS PER OPSD-701.021. FRAME & COVER AS PER OPSD-401.01 (TYPE A CLOSED COVER)
- ALL SAFETY GRATES AS PER OPSD 404.020 FOR MANHOLES > 5.0m DEPTH.
- ALL MANHOLE DROP STRUCTURES SHALL BE AS PER OPSD-1003.01 (TEE) AND 1003.02 (WYE) AS SPECIFIED.
- ALL MANHOLE ADJUSTMENTS SHALL BE AS PER OPSD-704.010. MAXIMUM OF THREE (3) UNITS AND 300mm HIGH, WHERE EXCEED CAST-IN-PLACE OR PRE-CAST RISER SECTIONS SHALL BE PROVIDED.
- PROVIDE WATER TIGHT COVERS FOR SANITARY MANHOLES LOCATED IN PONDING AREAS.
- ALL SEWER SERVICE CONNECTIONS FOR FLEXIBLE PIPE SHALL BE AS PER OPSD-1006.02.
- ALL PAVEMENT REINSTATEMENT SHALL BE AS PER OPSD-509.010, FOR UTILITY CUTS, BACKFILL AS PER TOWN STD.
- ALL TESTING OF SANITARY SERVICES TO BE IN ACCORDANCE WITH ONTARIO PROVINCIAL STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE COLOUR VIDEO OF SANITARY SEWER UPON COMPLETION TO THE ENGINEER.
- CONTRACTOR SHALL PROVIDE INSULATION FOR SANITARY SEWERS WITH LESS THAN 1.7m OF COVER.

WATER

- WATERMAIN PIPE TO BE PVC-SDR 18 CL 150 CONFORMING TO CSA B137.3, INCLUDING No. 8 TRACER WIRE BETWEEN HYDRANTS OR OTHER CONDUCTING APPURTENANCES. PIPE SHALL HAVE A MINIMUM COVER OF 1.7m. ALL WATER MAIN JOINTS TO BE APPROVED PUSH-ON, MECHANICAL OR FLANGE TYPE JOINTS AS REQUIRED FOR 1000 kPa RATED PRESSURE. CORROSION PROTECTION FOR ALL FITTINGS, VALVES AND HYDRANTS (HYPROTEC OR EQUAL).
- ALL DOMESTIC WATER SERVICES SHALL BE TYPE "K" SOFT COPPER AND INSTALLED AS PER OPSD-1104.01 (20mm \times 25mm) AND OPSD-1104.02 (32mm, 38mm AND 50mm), SIZE AS PER PLAN.
- BEDDING AND COVER AS PER OPSD 802.010, TYPE 1 & 2, GRANULAR "A" COMPACTED TO 100% SPD.
- ALL WATER MAIN FITTINGS AND APPURTENANCES TO BE SELECTED FROM TOWN APPROVED MATERIAL LIST FOR WATER.
- WATER MAINS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 0.50m BELOW AND 0.30m ABOVE AND A HORIZONTAL SEPARATION OF 2.5m BETWEEN ANY SEWER OR MANHOLE.
- EXISTING WATER MAIN SHALL BE DEFLECTED BELOW PROPOSED GRADES TO MEET 1.7m COVER AS PER TOWN STANDARDS AND SPECIFICATIONS. REPLACE WATER MAIN IF NECESSARY.
- CONTRACTOR TO CONFIRM THE SIZE AND MATERIAL TYPE OF EXISTING WATER SERVICE AND WATER MAIN PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER.
- EXISTING WATER MAIN OVERTS TO BE CONFIRMED ON SITE AT THE TIME OF CONSTRUCTION.
- WATER MAIN AND SERVICES SHALL BE CAPPED 2.0m FROM BUILDING, UNLESS OTHERWISE NOTED.
- ALL TAPPING SLEEVES TO BE STAINLESS STEEL SIMILAR TO MUELLER TYPE, COMPLETE WITH VALVE.
- ALL VALVE AND BOX ASSEMBLIES SHALL BE INSTALLED AS PER OPSD-1101.02.
- ALL HYDRANTS SHALL BE INSTALLED AS PER OPSD 1105.01, WITH CATHODIC PROTECTION AS PER TOWN STANDARDS. ALL HYDRANTS SHALL CONFORM TO AWWA SPECIFICATIONS C502-64. THE DIRECTION SHALL BE COUNTER CLOCKWISE AND THEY SHALL HAVE 2 63.5mm NOZZLES AND 1 100mm STORTZ CONNECTION.
- ALL THRUST BLOCKING SHALL BE AS PER OPSD-1103.01 (HORIZONTAL) AND OPSD-1103.02 (VERTICAL).
- FROST COLLARS ARE TO BE PROVIDED ON CURB STOPS AND VALVE BOXES WHEN LOCATED WITHIN THE LIMITS OF THE DRIVEWAY.
- ALL WATER CHAMBERS SHALL BE AS PER OPSD-1101.010
- ALL WATER MAIN BLOW-OFF ASSEMBLIES SHALL BE AS PER OPSD-1104.03, 25mm ϕ .
- ALL PAVEMENT REINSTATEMENT SHALL BE AS PER OPSD-509.010, FOR UTILITY CUTS, BACKFILL AS PER TOWN STD.
- FLUSHING, SWABBING, AND TESTING OF WATER MAIN AS PER ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS.

CURBING/SIDEWALKS/ASPHALT

- ALL PROPOSED INTERNAL CURBING TO BE BARRIER TYPE AS PER ARCHITECT DETAIL. ALL TOPS OF CURBS TO BE 150mm ABOVE PROPOSED GUTTER LINE, UNLESS OTHERWISE NOTED.
- PROPOSED CURB AND GUTTER ON TRAVELED ROADWAY AS PER CURRENT TOWN STD.
- ALL REQUIRED CURB CUTTING AT ENTRANCE AND CURB DEPRESSIONS AT SIDEWALK CROSSINGS SHALL BE INSTALLED TO THE SATISFACTION OF THE TOWN AND AS PER TOWN DRAWING
- CURB CUTS WITHIN THE PUBLIC R.O.W. TO BE PERFORMED TO THE SATISFACTION OF THE TOWN.
- ALL PROPOSED ROAD CUTS TO BE PERFORMED AND RESTORED TO THE SATISFACTION OF THE TOWN, AND IN ACCORDANCE WITH TOWN STANDARDS & SPECIFICATIONS.
- CONCRETE SIDEWALK WITHIN PUBLIC R.O.W. AS PER OPSD-310.010 AND OPSD-310.020 (ADJACENT TO CURB) ALL RAMP SLOPES SHALL BE AS PER OPSD-310.031. ALL SIDEWALKS SHALL BE 30MPa WITH 7% AIR. ALL CONCRETE SIDEWALKS TO BE MINIMUM 150mm THICK AT RESIDENTIAL DRIVEWAYS AND 200mm THICK THROUGH COMMERCIAL/INDUSTRIAL ENTRANCES HAVE 150mm GRANULAR "A" BASE, COMPACTED TO 100% SPD.
- ALL CONCRETE CURB FROM EXISTING ROAD CURB TO STREET LINE SHALL BE AS PER TOWN STD. ALL CONCRETE CURB HEIGHTS SHALL BE 150mm UNLESS OTHERWISE NOTED. DRIVEWAY CURB TO BE DISCONTINUOUS AT SIDEWALK AND TAPERED BACK 450mm MINIMUM WHERE SIDEWALK CONTINUES THROUGH THE ENTRANCE AS PER OPSD-350.01.
- APPROPRIATE CONSTRUCTION DETAILS SHOULD BE PROVIDED FOR RETAINING WALLS HIGHER THAN 1.0m. DETAILS SHALL BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER UPON APPROVAL. HANDRAIL IS REQUIRED WHEN HEIGHT EXCEEDS 0.60m AND SHALL BE AS PER OPSD-980.101.
- ALL CURBS ARE TO BE 150mm ABOVE THE PROPOSED GUTTER LINE (G/L) UNLESS NOTED OTHERWISE.
- DRIVEWAY ENTRANCE SHALL BE CONSTRUCTED WITH HEAVY DUTY ASPHALT FROM THE BACK OF THE MUNICIPAL CURB OR EDGE OF PAVEMENT TO THE PROPERTY LINE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS OR CURRENT TOWN STD.:
 - 40mm COMPACTED DEPTH OF H/L3 ASPHALT - TOP COURSE
 - 40mm COMPACTED DEPTH OF H/LB ASPHALT - BINDER COURSE
 - 150mm COMPACTED (100% SPD) GRANULAR "A"
 - 400mm COMPACTED (100% SPD) GRANULAR "B"
- ALL HEAVY DUTY ASPHALT WITHIN THE SITE SHALL BE AS PER THE FOLLOWING SPECIFICATIONS:
 - 40mm COMPACTED DEPTH OF H/L3 ASPHALT - TOP COURSE
 - 40mm COMPACTED DEPTH OF H/LB ASPHALT - BINDER COURSE
 - 150mm COMPACTED (100% SPD) GRANULAR "A"
 - 150mm COMPACTED (100% SPD) GRANULAR "B"
- ALL LIGHT DUTY ASPHALT WITHIN THE SITE SHALL BE AS PER THE FOLLOWING SPECIFICATIONS:
 - 50mm COMPACTED DEPTH OF H/L3 ASPHALT - TOP COURSE
 - 150mm COMPACTED (100% SPD) GRANULAR "A"
 - 300mm COMPACTED (100% SPD) GRANULAR "B"
- ALL CONCRETE TOE WALLS SHALL BE AS PER OPSD 3120.100 TYPE 1
- ALL DEAD END BARRICADES SHALL BE AS PER OPSD-912.532.
- ALL TEMPORARY STEEL BEAM GUIDE RAILS SHALL BE AS PER OPSD-912.532
- ALL SECTIONAL PRE-CAST CONCRETE CURBING AS PER OPSD-603.02.
- PERIMETER SUBDRAINS SHOULD BE PROVIDED AROUND PARKING AREAS AND ALONG DRIVEWAYS.



KEY PLAN SUBJECT LANDS

NOTES:
THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND UNDERGROUND AND ABOVE GROUND UTILITIES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING THE WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

THE CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE ARCHITECT/ENGINEERS BEFORE PROCEEDING WITH THE WORKS.

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE ENGINEER WHICH MUST BE RETURNED AT THE COMPLETION OF WORK.

THIS DRAWING IS NOT TO BE SCALED.
THIS PLAN MUST NOT BE USED TO SITE THE PROPOSED BUILDINGS.
THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNER'S CONTRACTOR FROM OBTAINING, BUT NOT LIMITED TO THE FOLLOWING PERMITS: ROAD CUT, SEWER PERMITS, RELOCATION OF SERVICES, ENCROACHMENT AGREEMENTS, APPROACH APPROVAL PERMITS, ETC...
EXISTING TOPOGRAPHICAL INFORMATION SUPPLIED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.

BENCH MARK:

ELEVATION NOTES
1. ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM.
2. IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT IT'S RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.

METRIC NOTE:
DISTANCES AND ELEVATIONS ON THIS PLAN ARE TYPICALLY SHOWN IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

Annis, O'Sullivan, Vollebakk Ltd, 2018 NOTES- UTILITY NOTES

- This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
- Only visible surface utilities were located.
- A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.
- Location of underground services established by Deepview Utility Locates and Concrete Scanning on February 5, 2018.

BOUNDARY INFORMATION COMPILED FROM PLANS & FIELD SURVEY.
Bearings are grid and are referred to the Central Meridian of MTM Zone 9 (76°30' West Longitude) NAD-83 (CSRS) (1987.0).

NO.	REVISIONS	DATE	BY
5.	ISSUED FOR SPA	DEC 19/25	LM
4.	ISSUED FOR SPA (CANCELLED)	DEC 11/25	ZZ
3.	ISSUED FOR SPA (CANCELLED)	NOV 13/25	LM
2.	REVISED AS PER NEW SITE PLAN ISSUED FOR COORDINATION	NOV 5/25	ZZ
1.	ISSUED FOR COORDINATION	SEP 3/25	ZZ

SCALE(S):

DRAWING TITLE:
NOTES AND DETAILS

PROJECT:
PROPOSED DEVELOPMENT

CLIENT:
Loblaw Companies Limited

ODAN-DETECH CONSULTING ENGINEERS

The Odan/Detech Group Inc. P: (905) 632-3811 F: (905) 632-3363
5230 SOUTH SERVICE ROAD, BURLINGTON, ONTARIO, L7L 3K2

	DESIGNED BY: L.M.	PROJECT No: 01215 (SDM)
	DRAWN BY: L.M.	DATE: JUN 2025
	CHECKED BY: M.H.H.	DRAWING No.: 3 OF 4
	APPROVED BY: P.H.	ENGINEER

