



LEGEND

	PROPERTY LINE
	EXISTING WATERMAIN & GATE VALVE
	EXISTING STORM SEWER & MANHOLE
	EXISTING SINGLE / DOUBLE CATCHBASIN
	EXISTING SANITARY SEWER & MANHOLE
	PROPOSED WATERMAIN & GATE VALVE
	PROPOSED WATER SERVICE LATERAL (XXmm)
	PROPOSED FIRE HYDRANT & GATE VALVE
	PROPOSED WATER METER
	PROPOSED CHECK VALVE
	PROPOSED STORM SEWER & MANHOLE
	PROPOSED SINGLE / DOUBLE CATCHBASIN
	PROPOSED SANITARY SEWER & MANHOLE
	LIMIT OF UNDERGROUND PARKING
	PROPOSED VALVE & BOX
	EXISTING DITCH

2	ISSUED FOR OPA/ZBA	2019/OCT/11
1	ISSUED FOR FSR	2017/DEC/06
No.	ISSUE / REVISION	YYYY/MM/DD

ELEVATION NOTE:
ELEVATIONS SHOWN ON THIS PLAN ARE DERIVED FROM THE CITY OF MISSISSAUGA BENCHMARK NO. 709.
ELEVATION = 98.279m

SURVEY NOTES:
SURVEY COMPLETED BY TOM A. SENKUS ONTARIO LAND SURVEYOR. (2015/JUNE/08)
REFERENCE No.: 02-39C
BEARINGS ARE UTM GRID, DERIVED FROM RTN OBSERVATIONS
UTM ZONE 17, NAD83 (GRS) (2010.0)
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.9996781

SITE PLAN NOTES:
DESIGN ELEMENTS ARE BASED ON SITE PLAN BY KIRKOR ARCHITECTS + PLANNERS.
DRAWING No.: 17-094 (2019/OCT/03)
PROJECT No.: SP-01

DRAWING NOTES:
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THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION.
THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT. DO NOT SCALE THIS DRAWING.
ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Project
1575 HURONTARIO STREET
CITY OF MISSISSAUGA

Drawing
SITE SERVICING PLAN

CROZIER CONSULTING ENGINEERS
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Drawn	K.W.	Design	K.W.	Project No.	1110-4677
Check	S.T.T.	Check	A.S.	Scale	1:250
				Dwg.	C 02

WATERMAIN NOTES:

1. WATERMAIN & WATER SERVICES SHALL HAVE A MINIMUM DEPTH OF 1.7m AND SHALL HAVE A MINIMUM OUTSIDE BARREL VERTICAL SEPARATION OF 0.5m & HORIZONTAL SEPARATION OF 2.5m.
2. IN CASE OF CROSSING BETWEEN THE PROPOSED WATERMAIN AND PROPOSED SEWERS, CONTRACTOR TO LOWER THE PROPOSED WATERMAIN TO ENSURE MIN. 0.5m CLEARANCE BETWEEN WATERMAIN PIPE AND SEWERS PIPE. SEE WATERMAIN LOWERING ON DWG C 08 (SECTION 'D').
3. MECHANICAL ENGINEER SHALL ENSURE DESIGN OF INTERNAL WATERMAIN LOADING & LOOPING WITHIN U/G PARKING STRUCTURE.
4. CONTRACTOR TO COORDINATE THE EXACT LOCATION OF WATER CONNECTION TO THE INTERNAL WATER SYSTEM PER MECHANICAL DESIGN.
5. PROPOSED WATER METER AND BACKFLOW PREVENTER TO BE INSTALLED INSIDE OF MECHANICAL ROOM PER MECHANICAL DESIGN AND SPECIFICATIONS AND IN ACCORDANCE WITH REGION STANDARDS.
6. PROPOSED HYDRANTS TO BE CONNECTED TO THE INTERNAL WATER SYSTEM, LOCATED IN THE UNDERGROUND PARKING GARAGE STRUCTURE, PER MECHANICAL DESIGN AND SPECIFICATIONS.

REGION OF PEEL NOTES:

1. ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
2. WATERMAIN AND/OR WATER SERVICE MATERIALS 100mmØ AND LARGER MUST BE PVC DR-18 AWWA C900-16, SIZE 50mmØ AND SMALLER MUST BE COPPER TYPE 'K' ASTM 888-49 STD. DWG 1-7-1.
3. WATERMAINS AND/OR SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m WITH A MINIMUM HORIZONTAL SPACING OF 1.2m FROM THEMSELVES AND ALL OTHER SERVICES.
4. PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC., MUST BE PROVIDED WITH AT LEAST A 90mmØ OUTLET ON 100mmØ 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 PIPES TO ALLOW WATER TO DRAIN ONTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES, FLUSHING OUTLET TO BE 100mmØ MINIMUM ON A HYDRANT.
5. ALL CURB STOPS TO BE 3.0m OFF THE FACE OF THE BUILDING UNLESS NOTED OTHERWISE.
6. HYDRANT AND VALVE SET TO REGION STANDARD 1-6-1 DIMENSION 'A' (0.7m) & 'B' (0.9m) AND TO HAVE PUMPER NOZZLE.
7. WATERMAINS TO BE INSTALLED TO GRADES SHOWN ON APPROVED SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
8. WATERMAINS MUST HAVE A VERTICAL CLEARANCE OF 0.3m OVER AND 0.5m 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.
10. ALL LIVE TAPPING AND OPERATION OF REGION WATER VALVES SHALL BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED, OR BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION.
11. LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.
12. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND/OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION IN THE AREA OF THEIR WORK, WHETHER SHOWN ON THE PLANS OR NOT, AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME.
13. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 HRS WRITTEN NOTICE TO UTILITIES PRIOR TO CROSSING SUCH UTILITIES. FOR THE PURPOSE OF INSPECTION BY THE CONCERNED UTILITY, THIS INSPECTION WILL BE FOR THE DURATION OF THE CONSTRUCTION, WITH THE CONTRACTOR RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTION.
14. ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE AN APPROPRIATE CROSS-CONNECTION CONTROL DEVICE, CONSISTENT WITH THE DEGREE OF HAZARD, FOR BACKFLOW PREVENTION OF THE ACTIVE DISTRIBUTION SYSTEM, CONFORMING TO REGION OF PEEL STANDARDS 1-7-7 OR 1-7-8.



NOT FOR CONSTRUCTION

Stamp
Stamp
PROFESSIONAL ENGINEER
A. SHUKLA
100186284
DEC 11, 2019
PROVINCE OF ONTARIO