



## GENERAL NOTES:

- ALL DIMENSIONS ARE IN METRES AND ALL DIAMETERS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- ALL THE CONSTRUCTION WORK FOR THIS PROJECT SHALL COMPLY WITH THE STANDARD DRAWINGS AND SPECIFICATIONS OF THE CITY OF MISSISSAUGA, REGIONAL MUNICIPALITY OF PEEL, ONTARIO BUILDING CODE AND THE ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS. WHERE CONFLICTS EXIST BETWEEN THESE STANDARDS CLARIFICATION IS TO BE SOUGHT FROM ENGINEER.
- THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.
- THE INFORMATION SHOWN FOR EXISTING UTILITIES AND SERVICES WAS PROVIDED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES PRIOR TO AND DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY EACH UTILITY AND/OR THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY AND SERVICES LOCATIONS AND NOTIFY THE ENGINEER OF CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL REQUIRED PERMITS (OTHER THEN BUILDING PERMITS) REQUIRED TO START CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE TO COORDINATE CONSTRUCTION ACTIVITIES WITH MISSISSAUGA TRANSIT, MALL MANAGEMENT AND OPERATIONS AND THE REQUIRED RELEVANT MUNICIPAL AUTHORITIES. LOST TIME DUE TO FAILURE DO SO WILL BE AT THE CONTRACTOR'S EXPENSE.

## WATER NOTES:

- ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
- WATERMAIN AND/OR WATER SERVICE MATERIALS 100mm (4") AND LARGER MUST BE PVC DR18.
- WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m (5'6") WITH A MINIMUM HORIZONTAL SPACING 1.2M (4') FROM THEMSELVES AND ALL OTHER UTILITIES.
- PROVISIONS FOR FLUSHING WATER LINES PRIOR TO TESTING ETC. MUST BE PROVIDED WITH AT LEAST A 50mm (2") OUTLET ON 100mm (4") 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 ON A PARKING LOT OR DOWN A DRAIN ON FIRE LINES, FLUSHING OUTLET TO BE 100mm (4") DIAMETER MIN ON A HYDRANT.
- ALL CURBS STOP TO BE 3.0m (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
- WATERMANS TO BE INSTALLED TO GRADES AS SHOWN ON APPROVED SITE PLAN, COPY OF GRADE SHEET MUST BE SUPPLIED.
- 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.
- WATERMANS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.3m (12") OVER AND 0.5m (20") UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.
- ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING AND CHLORINATING FROM EXISTING SYSTEMS.
- 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.

## STORM AND SANITARY SEWERS:

- MANHOLES SHALL BE AS PER OPSD 701.011, 701.012, FRAMES AND COVERS SHALL BE AS PER OPSD 401.010. SAFETY PLATFORMS TO BE INSTALLED WHERE DEPTH EXCEEDS 5.0m.
- SINGLE CATCHBASINS SHALL BE AS PER OPSD 705.010, WITH FRAMES AND COVERS AS PER OPSD 400.020. DOUBLE CATCHBASINS SHALL BE AS PER OPSD 705.020.
- CONCRETE PIPE SEWER BEDDING SHALL BE CLASS B' AS PER OPSD 802.030. PVC PIPE SEWER BEDDING SHALL BE CLASS B' AS PER OPSD 802.030 TO TOP OF SEWER. NATIVE BACKFILL TO BE COMPACTED TO A MIN 98% STANDARD PROCTOR DENSITY, WITH A MINIMUM 300mm SAND COVER OVER PIPE.
- ALL STORM SEWER PIPES UP TO 450mm DIA. SHALL BE PVC SDR-35 OR APPROVED EQUIVALENT. ALL STORM SEWER PIPES 525mm DIA. AND LARGER SHALL BE CONCRETE AND EQUAL TO C.S.A. SPECIFICATIONS A297.2 REINFORCED CLASS 65-D OR LATEST AMENDMENT UNLESS OTHERWISE SPECIFIED.
- ALL SANITARY PVC SEWER PIPES SHALL BE SDR-35 EQUAL CSA SPECIFICATIONS B 182.2-M1990 OR LATEST AMENDMENT UNLESS OTHERWISE NOTED.
- ALL MANHOLE, CATCH BASIN AND SERVICE EXCAVATIONS TO BE BACKFILLED IN ACCORDANCE WITH THE GEOTECHNICAL.
- ALL CATCH BASINS AND CATCH BASIN MANHOLES ARE TO INCLUDE SUBDRAIN TREATMENT AS PER DETAIL ON DRAWING D1.
- ALL BLIND CONNECTIONS TO MATCH THE SPRINGLINE OF THE CATCH BASIN LEAD TO THE SPRINGLINE OF THE STORM PIPE. OTHERWISE INSTALL THE CATCH BASIN LEAD AT A MAXIMUM 2.00% AND DROP INTO PIPE.
- UNLESS NOTED OTHERWISE, CATCHBASIN LEADS SHALL BE 200mm@ MINIMUM 1.00% TO MAXIMUM 5.00% SLOPE THE CONTRACTOR IS TO PROVIDE RISERS AS REQUIRED.
- CATCHBASIN INVERTS TO BE 1.5m BELOW GRADE UNLESS OTHERWISE SPECIFIED.
- ALL MANHOLES TO BE BENCHED IN ACCORDANCE WITH OPSD 701.021.
- THE CONTRACTOR IS TO PROVIDE CCTV CAMERA INSPECTIONS OF ALL SANITARY AND STORM SEWERS, INCLUDING PICTORIAL REPORT, TWO (2) CD COPIES IN A FORMAT SATISFACTORY TO THE ENGINEER. ALL SEWERS ARE TO BE FLUSHED PRIOR TO CAMERA INSPECTION.



LOCATION PLAN  
NTS

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## LIST OF DRAWINGS

SG-01 (SITE GRADING PLAN)  
SS-01 (SITE SERVING PLAN)  
EC-01 (EROSION CONTROL PLAN)  
DD-01 (DETAIL DRAWINGS)

## SITE PLAN INFORMATION

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## SURVEY INFORMATION

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## BENCHMARK

ELEVATIONS ARE REFERRED TO CITY OF MISSISSAUGA  
BENCHMARK No. 75 ELEVATION 98.308 METRES.  
(NON GEODETIC)

NO	REVISION	DATE	BY
1	ISSUED FOR ZBA/SPA	MAY 12, 2020	NM
2	ISSUED FOR ZBA/OPA	DEC 18, 2019	NM
3	ISSUED FOR ZBA/OPA	APR 15, 2019	NM
4	ISSUED FOR ZBA/OPA	SEP 28, 2018	NM



## CITY OF MISSISSAUGA

## DRAWING DETAILS PLAN

RESIDENTIAL USE DEVELOPMENT  
1444-1458 CAWTHRA ROAD  
MISSISSAUGA, ONTARIO



150 Bermondsey Road, North York, Ontario, M4A 1Y1

DESIGNED BY: JP	DATE: MAY 14, 2018	CHECKED BY: NM
DRAWN BY: JP	PROJECT No:	APPROVED BY: NM
SCALE: N.T.S.		DRAWING No:
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