

PROPOSED STORM SEWER MANHOLES

NO.	TOP. EL. (m)	INVERT (m)		STANDARD NUMBER	
		INV IN	INV OUT	FRAME/GRATE	STRUCTURE
MH1	140.45	138.07 SE	138.00 HW	OPSD 401.010	OPSD 701.010
MH2	140.74	137.76 SE	137.35 NE	OPSD 401.010	OPSD 701.010
MH3	139.84	137.04 SW	134.56 NE	OPSD 401.010	OPSD 701.010
MH4	140.15	136.42 SW	135.92 SE	OPSD 401.010	OPSD 701.010
CBMH5	139.28	135.28 S	135.14 NE	OPSD 401.010	OPSD 701.011
CBMH6	139.12	134.93 SW	134.91 NE	OPSD 400.010	OPSD 701.011
MH7 (OGS)	138.25	134.72 SW	134.62 NE	PER MANUFACTURER SPECS	
MH8	138.22	134.63 SW	134.58 NE	OPSD 401.010	OPSD 701.010
MH9	138.00	134.53 SW	134.43 SE	OPSD 401.010	OPSD 701.010
MH10	139.15	137.58 SW	136.94 NE	OPSD 401.010	OPSD 701.010
CBMH11	138.73	137.17 N	137.09 SE	OPSD 400.010	OPSD 701.011
MH12 (OGS)	139.02	136.84 NW	136.81 SE	PER MANUFACTURER SPECS	
MH13	138.98	136.80 NW	136.77 SE	OPSD 400.010	OPSD 701.010
MH14	138.38	136.71 NW	135.23 NE	OPSD 400.010	OPSD 1003.010

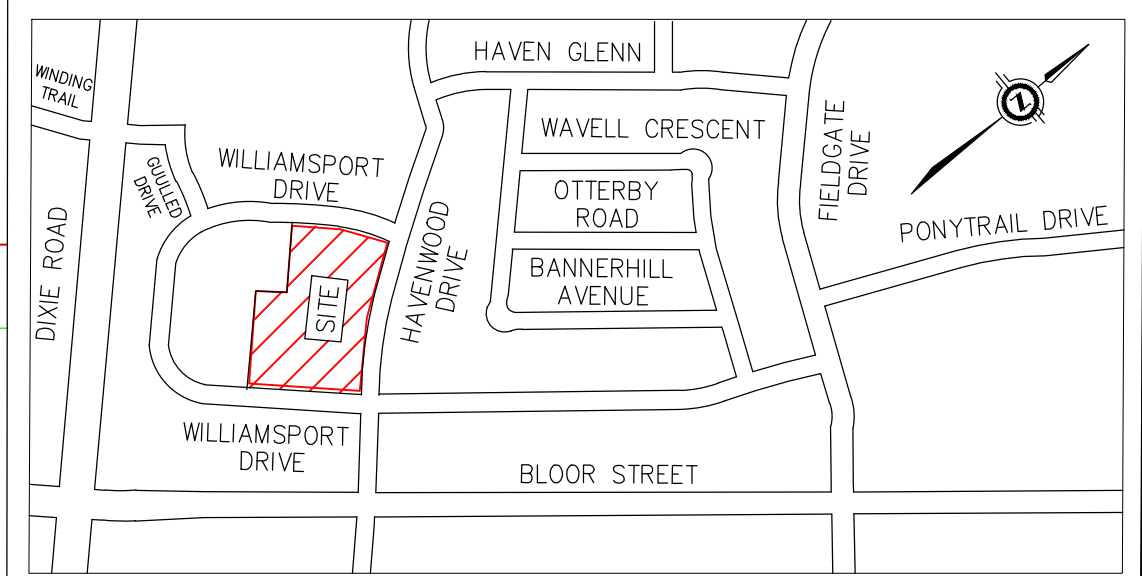
PROPOSED STORM SEWER CATCHBASINS

NO.	TOP. EL. (m)	INVERT (m)		STANDARD NUMBER	
		INV IN	INV OUT	FRAME/GRATE	STRUCTURE
CB 1	140.20	138.21 NW	138.21 NW	OPSD 400.010	OPSD 705.010
CB 2	139.49	137.94 N	137.94 N	OPSD 400.010	OPSD 705.010
CB 3	139.75	137.30 NW	137.30 NW	OPSD 400.010	OPSD 705.010
CB 4	139.80	137.18 NW	137.18 NW	OPSD 400.010	OPSD 705.010
CB 5	139.92	136.61 SE	136.61 SE	OPSD 400.010	OPSD 705.010
CB 6	139.50	135.39 N	135.39 N	OPSD 400.010	OPSD 705.010
CB 10	139.15	137.72 N	137.72 N	OPSD 400.010	OPSD 705.010

PROPOSED SANITARY SEWER MANHOLES

NO.	TOP. EL. (m)	INVERT (m)		STANDARD NUMBER	
		INV IN	INV OUT	FRAME/GRATE	STRUCTURE
MH 2A	139.14	136.85 NW	136.74 SE	OPSD 401.010	OPSD 701.010
MH 3A	138.75	135.90 SW	135.85 NE	OPSD 401.010	OPSD 701.010

- REGION OF PEEL STANDARD 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 DR18 P.V.C. PIPE MANUFACTURED TO A.W.N.A. SPEC. C900-16 SPEC COMPLETE WITH TRACER WIRE. SIZE 50MM (2") AND SMALLER MUST BE TYPE 'K' SOFT COPPER PIPE PER A.S.T.M. B88-49 SPECIFICATION.
 - WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7M (5'6") WITH A MINIMUM HORIZONTAL SPACING OF 1.2M (4') FROM THEMSELVES AND ALL OTHER UTILITIES.
 - PROVISIONS FOR FLUSHING WATER LINE 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 ONTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES, FLUSHING OUTLET TO BE 100MM (4") DIAMETER MINIMUM ON A HYDRANT.
 - ALL CURB STOPS TO BE 3.0M (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
 - HYDRANT AND VALVE SET TO REGION STANDARDS 1-6-1 DIMENSION A AND B, 0.7M (2') AND 0.9M (3') AND TO HAVE PUMPER NOZZLE.
 - 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/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.
 - LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.
 - THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND AND 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.
 - THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 HOURS WRITTEN NOTICE TO THE 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 INSPECTIONS.
 - 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.



GENERAL NOTES

CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB. DO NOT SCALE DRAWINGS.

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THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.

PART OF BLOCKS G, REGISTERED PLAN 733, CITY OF MISSISSAUGA, REGIONAL MUNICIPALITY OF PEEL

SURVEYING INFORMATION IS REFERENCED FROM SCHAEFFER DZALDOV BENNETT LTD. - JO NO. 16-132-00, DATED MAY 18, 2016.

BEARINGS ARE REFERRED TO PART OF THE NORTHEAST LIMIT OF BLOCK G, PLAN 43R-20680 AS MTM GRID A BEARING OF N34°21'00"W AS SHOWN ON DRAWING

BENCHMARK: ELEVATIONS ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK NO. 688, HAVING A PUBLISHED ELEVATION OF 143.902 AS PER MISSISSAUGA DATUM, REGISTERED PLAN 733. CONTOUR INTERVAL 0.50m

ALL EXISTING FEATURE TO REMAIN UNLESS OTHERWISE NOTED.

FOR SITE SERVICING SECTIONS AND NOTES REFER TO DWG. C-103

LEGEND

- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING CATCHBASIN
- EXISTING LIGHT STANDARD
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER MAIN
- EXISTING UNDERGROUND BELL CABLE
- EXISTING UNDERGROUND ELECTRICAL SERVICE
- EXISTING UNDERGROUND TV SERVICE
- EXISTING GAS MAIN
- EXISTING UNDERGROUND HYDRO
- PROPERTY LINE
- EXISTING TREE
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED WATER MAIN
- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CATCHBASIN MANHOLE

CITY OF MISSISSAUGA
REGIONAL MUNICIPALITY OF PEEL

No.	DATE	DESCRIPTION
1	JUNE 01, 2018	ISSUED FOR FIRST 28A SUBMISSION
2	DEC 2, 2022	ISSUED FOR OPA/28A RESUBMISSION
3	NOV 10, 2023	ISSUED FOR OPA/28A RESUBMISSION
4	MAY 23, 2024	ISSUED FOR OPA/28A RESUBMISSION

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G. SIVAKUMAR
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23/05/2024
PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

1485 WILLIAMSPORT DR DEVELOPMENT
SITE SERVICING PLAN

DESIGN	F.D.	DRAWN	G.B.	CHECKED	F.F.	CONTRACT No.	18298	
SCALE:	1:300 (FULL SIZE)						DRAWING NUMBER	C-102
DATE:	DECEMBER 2, 2022							

DRAWING NAME: F:\18298 - 1485-William-Dr-Development\Contract-Drawing\C102 - Site Servicing Plan.mxd 23, 2024 - 2:45pm