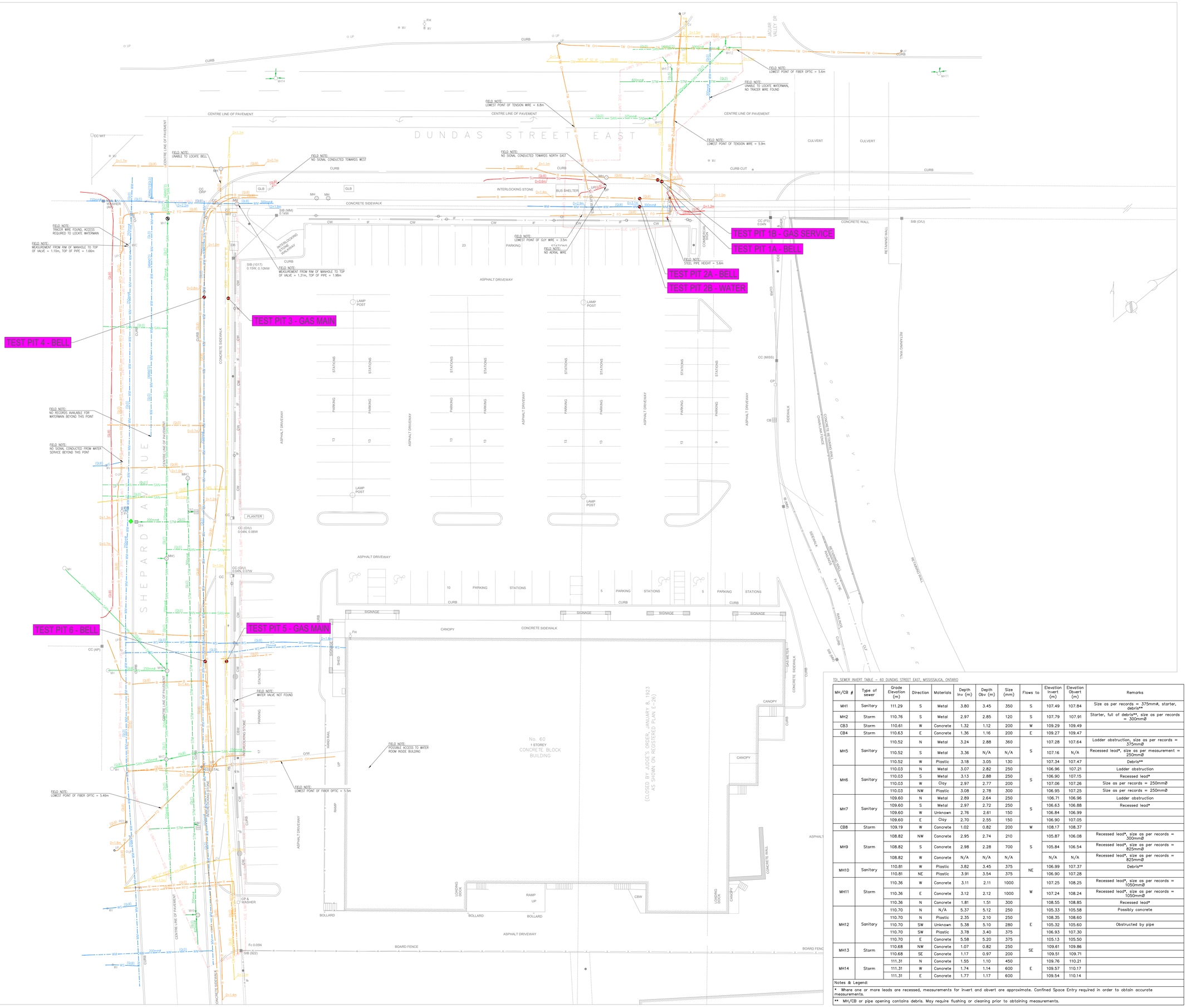

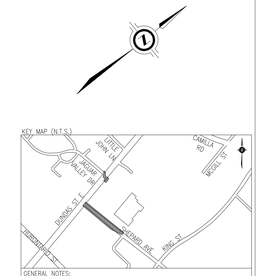

TDI SEWER INVERT TABLE – 60 DUNDAS STREET EAST, MISSISSAUGA, ONTARIO

MH/CB #	Type of sewer	Grade Elevation (m)	Direction	Materials	Depth Inv (m)	Depth Obv (m)	Size (mm)	Flows to	Elevation Invert (m)	Elevation Obvert (m)	Remarks
MH1	Sanitary	111.29	S	Metal	3.80	3.45	350	S	107.49	107.84	Size as per records = 375mmø, starter, debris**
MH2	Storm	110.76	S	Metal	2.97	2.85	120	S	107.79	107.91	Starter, full of debris**, size as per records = 300mmØ
CB3	Storm	110.61	W	Concrete	1.32	1.12	200	W	109.29	109.49	
CB4	Storm	110.63	E	Concrete	1.36	1.16	200	E	109.27	109.47	
MH5	Sanitary	110.52	N	Metal	3.24	2.88	360	S	107.28	107.64	Ladder obstruction, size as per records = 375mmØ
		110.52	S	Metal	3.36	N/A	N/A		107.16	N/A	Recessed lead*, size as per measurement = 250mmØ
		110.52	W	Plastic	3.18	3.05	130		107.34	107.47	Debris**
MH6	Sanitary	110.03	N	Metal	3.07	2.82	250	S	106.96	107.21	Ladder obstruction
		110.03	S	Metal	3.13	2.88	250		106.90	107.15	Recessed lead*
		110.03	W	Clay	2.97	2.77	200		107.06	107.26	Size as per records = 250mmØ
		110.03	NW	Plastic	3.08	2.78	300		106.95	107.25	Size as per records = 250mmØ
MH7	Sanitary	109.60	N	Metal	2.89	2.64	250	S	106.71	106.96	Ladder obstruction
		109.60	S	Metal	2.97	2.72	250		106.63	106.88	Recessed lead*
		109.60	W	Unknown	2.76	2.61	150		106.84	106.99	
		109.60	E	Clay	2.70	2.55	150		106.90	107.05	
CB8	Storm	109.19	W	Concrete	1.02	0.82	200	W	108.17	108.37	
MH9	Storm	108.82	NW	Concrete	2.95	2.74	210	S	105.87	106.08	Recessed lead*, size as per records = 300mmØ
		108.82	S	Concrete	2.98	2.28	700		105.84	106.54	Recessed lead*, size as per records = 825mmØ
		108.82	W	Concrete	N/A	N/A	N/A		N/A	N/A	Recessed lead*, size as per records = 825mmØ
MH10	Sanitary	110.81	W	Plastic	3.82	3.45	375	NE	106.99	107.37	Debris**
		110.81	NE	Plastic	3.91	3.54	375		106.90	107.28	
MH11	Storm	110.36	W	Concrete	3.11	2.11	1000	W	107.25	108.25	Recessed lead*, size as per records = 1050mmØ
		110.36	E	Concrete	3.12	2.12	1000		107.24	108.24	Recessed lead*, size as per records = 1050mmØ
		110.36	N	Concrete	1.81	1.51	300		108.55	108.85	Recessed lead*
MH12	Sanitary	110.70	N	N/A	5.37	5.12	250	E	105.33	105.58	Possibly concrete
		110.70	N	Plastic	2.35	2.10	250		108.35	108.60	
		110.70	SW	Unknown	5.38	5.10	280		105.32	105.60	Obstructed by pipe
		110.70	SW	Plastic	3.78	3.40	375		106.93	107.30	
		110.70	E	Concrete	5.58	5.20	375		105.13	105.50	
MH13	Storm	110.68	NW	Concrete	1.07	0.82	250	SE	109.61	109.86	
		110.68	SE	Concrete	1.17	0.97	200		109.51	109.71	
MH14	Storm	111.31	N	Concrete	1.55	1.10	450	E	109.76	110.21	
		111.31	W	Concrete	1.74	1.14	600		109.57	110.17	
		111.31	E	Concrete	1.77	1.17	600		109.54	110.14	

Notes & Legend:

* Where one or more leads are recessed, measurements for invert and obvert are approximate. Confined Space Entry required in order to obtain accurate measurements.

** MH/CB or pipe opening contains debris. May require flushing or cleaning prior to obtaining measurements.

TDI SURVEY LEGEND

CB	CATCH BASIN
MH	SAN/STORM MANHOLE
WVC	WATER VALVE CHAMBER
BMH	BELL MANHOLE
UP	UTILITY POLE
WV	WATER VALVE
GV	GAS VALVE
PED	PEDESTAL

LEGEND:

GM	GAS MAIN	B	COMMUNICATION BELL	SAN	SANITARY SEWER
GS	GAS SERVICE	R	COMMUNICATION ROGERS	STM	STORM SEWER
FP	FUEL PIPE	CGC	COMMUNICATION COGECO	CMB	COMBINED SEWER
H	HYDRO	ZAYO	COMMUNICATION ALLSTREAM	UNKNOWN	UNKNOWN UTILITY
HS	HYDRO SERVICE	TELUS	COMMUNICATION TELUS		END CAP (APPROXIMATE LOCATION)
EL	ELECTRICAL	CT	COMMUNICATION CT		FLOW DIRECTION
SL	STREET LIGHT	FO	FIBER OPTIC CABLE		DROP LEAD
WM	WATERMAIN	TS	TRAFFIC SIGNAL		TEST PIT LOCATION
WS	WATER SERVICE	OH	OVERHEAD WIRES		CHANGE OF SUE QUALITY LEVEL
CHEM	CHEMICAL			"D=0.00m"	APPROXIMATE DEPTH MEASUREMENT FROM LOCATE EQUIPMENT

SURVEY NOTE: THE GEODETIC ELEVATION DATUM IS TURNED OFF FOR PRESENTATION PURPOSES ONLY. ALL RELATIVE UTILITY ELEVATIONS ARE SHOWN IN THE AUTOCAD DIGITAL FILE (DWG).

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GENERAL NOTES:
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- THE FIELD VERIFICATION OF UTILITIES WAS COMPLETED USING A COMBINATION OF ELECTROMAGNETIC PIPE AND CABLE LOCATE EQUIPMENT.
- TELECON USED AVAILABLE MEANS IN AN ATTEMPT TO DETERMINE THE LOCATION OF UNDOCUMENTED UTILITIES. TELECON IS NOT RESPONSIBLE FOR INDICATING ALL UNDOCUMENTED UTILITIES UNLESS PROVIDED, SHOWN AND/OR AVAILABLE AND RECEIVED DIGITALLY OR BY HARDCOPY.
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SUBSURFACE UTILITY ENGINEERING QUALITY LEVELS

☒ LEVEL D
INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL RECOLLECTIONS.
Line Style (Level D) _____

☒ LEVEL C
INFORMATION ACQUIRED BY SURVEYING AND PLOTTING VISIBLE ABOVE GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO THE QUALITY LEVEL "D".
Line Style (Level C) _____

☒ LEVEL B
INFORMATION ACQUIRED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL UTILITY LOCATING METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF THE SUBSURFACE UTILITIES WHICH IS THEN GEODETICALLY SURVEYED.
Line Style (Level B) _____

☐ LEVEL A
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE AND SUBSEQUENT MEASUREMENT AND/OR SURVEY OF SUBSURFACE UTILITIES.
Line Style (Level A) _____

REVISIONS

REV	DATE	DRAWN BY	APPROVED BY

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VAUGHAN, ONTARIO L4L 0G9

PLDNG STAMP HERE

THE ENGINEERS SEAL HEREON IS TO CERTIFY THAT THE UTILITIES SHOWN HAVE BEEN INVESTIGATED IN ACCORDANCE WITH STANDARD SUE INDUSTRY PRACTICES. ALL OTHER INFORMATION HEREON HAS BEEN PROVIDED BY OTHERS AND IS NOT A PART OF THIS CERTIFICATION.

TELECON CLIENT

ALMEGA ASSET MANAGEMENT

SUE PROJECT

60 DUNDAS STREET EAST, MISSISSAUGA, ONTARIO

PROJECT/ WO#: 135145

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APPROVED BY: — DATE:

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