

CCTV Investigation
181 Toronto Street South
Uxbridge, Ontario
Larkin+

23-WH-12

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Mainline Survey List 181 Toronto Street South, Uxbridge**Number of surveys in this** 7 **as of** Monday, August 14, 2023**Unit of Measure:** m

Sheet	Date	PSR	Start MH	End MH	Street	Dir	Ht. mm	Pre Clean	Scheduled Length	Surveyed Length
1	2023/08/08	CBMH1_CBMH-2	CBMH1	CBMH2	181 Toronto Street South	D	525	N	69.6 m	69.6 m
2	2023/08/08	CBMH_1-CBMH5	CBMH5	CBMH1	181 Toronto Street South	U	375	N	11.5 m	11.5 m
3	2023/08/08	CBMH_2-4	CBMH4	CBMH2	181 Toronto Street South	U	375	N	11.4 m	11.4 m
4	2023/08/08	CBMH2_CBMH3	CBMH2	CBMH3	181 Toronto Street South	D	600	N	46.5 m	46.5 m
5	2023/08/08	CMBH_5-DI8	DI8	CBMH5	181 Toronto Street South	U	300	N	11.4 m	11.4 m
6	2023/08/08	SAN_MH6-MH7	SANMH6	SANMH7	181 Toronto Street South	D	375	N	100.9 m	100.9 m
7	2023/09/08	CBMH4-DI9	DI9	CBMH4	181 Toronto Street South	U	300	N	9.0 m	9.0 m
Total Scheduled Length									260.2 m	
Total Surveyed Length										260.2 m

Sheet 1	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230808 09:41	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled		Purpose Pre-Rehabilitation Survey	Direction Downstream
Inspection Status Complete Inspection	Consequence of Failure		Pressure
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles		Pipe Use Stormwater Pipe	
Details		Height 525 mm	Width mm
Shape Circular	Material Concrete Pipe (non-reinforced)	Lining	
Coating	Joint Length m	Total Length 69.6 m	
Len. Surveyed 69.6 m	Year Constructed	Year Rehabilitated	
Up CBMH1	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH2	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System		Vertical Datum	
GPS Accuracy			
Additional Info Started 1m in pipe due to chamber configuration			

Miscellaneous						Structural			O&M	Constructional
Count	CD	Code	Val 1	Val 2	%	Jnt	Fr	To	Remarks	
0.00		ACB - Catch Basin							CBMH1	
0.00		MWL - Miscellaneous Water Level			005					
0.76		CL - Crack Longitudinal					12			
5.02		TB - Tap Break-in/Hammer	250				10			
11.17	S01	CL - Crack Longitudinal				X	12			
37.49	F01	CL - Crack Longitudinal				X	12			
69.60		ACB - Catch Basin							CBMH2	
69.6 m	Total Length Surveyed									

Scores

	Asset Rating	Asset Ratings Index	Quick Score
Structural	38	2	2B00
O&M	0	0	0000
Overall	38	2	2B00

Sheet 2	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+	PO 61002762	Media Label	
Date 20230808 10:36	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Upstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles	Pipe Use Stormwater Pipe		
Details	Height 375 mm	Width mm	
Shape Circular	Material Polyethylene	Lining	
Coating	Joint Length m	Total Length 11.45 m	
Len. Surveyed 11.45 m	Year Constructed	Year Rehabilitated	
Up CBMH5	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH1	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System	Vertical Datum		
GPS Accuracy			
Additional Info Starting 1m in line due to chamber configuration			

Miscellaneous						Structural			O&M		Constructional	
Count	CD	Code	Val 1	Val 2	%	Jnt	Fr	To	Remarks			
0.00		ACB - Catch Basin							CBMH1			
0.00		MWL - Miscellaneous Water Level			000							
11.45		ACB - Catch Basin							CBMH5			
11.45 m	Total Length Surveyed											

Scores

	Asset Rating	Asset Ratings Index	Quick Score
Structural	0	0	0000
O&M	0	0	0000
Overall	0	0	0000

Sheet 3	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+	PO 61002762	Media Label	
Date 20230808 11:36	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Upstream	
Inspection Status Complete Inspection	Consequence of Failure		Pressure
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles		Pipe Use Stormwater Pipe	
Details		Height 375 mm	Width mm
Shape Circular	Material Polyethylene	Lining	
Coating	Joint Length m	Total Length 11.39 m	
Len. Surveyed 11.39 m	Year Constructed	Year Rehabilitated	
Up CBMH4	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH2	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System		Vertical Datum	
GPS Accuracy			
Additional Info Starting 1m in line due to chamber configuration			

Miscellaneous						Structural			O&M	Constructional
Count	CD	Code	Val 1	Val 2	%	Jnt	Fr	To	Remarks	
0.00		ACB - Catch Basin							CBMH2	
0.00		MWL - Miscellaneous Water Level			000					
11.39		ACB - Catch Basin							CBMH4	
11.39 m Total Length Surveyed										

Scores

	Asset Rating	Asset Ratings Index	Quick Score
Structural	0	0	0000
O&M	0	0	0000
Overall	0	0	0000

Sheet 4	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+	PO 61002762	Media Label	
Date 20230808 11:56	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Downstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles	Pipe Use Stormwater Pipe		
Details	Height 600 mm	Width mm	
Shape Circular	Material Concrete Pipe (non-reinforced)	Lining	
Coating	Joint Length m	Total Length 46.46 m	
Len. Surveyed 46.46 m	Year Constructed	Year Rehabilitated	
Up CBMH2	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH3	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System	Vertical Datum		
GPS Accuracy			
Additional Info Starting 1m in line due to chamber configuration			

Miscellaneous						Structural			O&M	Constructional
Count	CD	Code	Val 1	Val 2	%	Jnt	Fr	To	Remarks	
0.00		ACB - Catch Basin							CBMH2	
0.00		MWL - Miscellaneous Water Level			005					
46.46		ACB - Catch Basin							CBMH3	
46.46 m Total Length Surveyed										

Scores

	Asset Rating	Asset Ratings Index	Quick Score
Structural	0	0	0000
O&M	0	0	0000
Overall	0	0	0000

Sheet 5	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230808 13:26	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Upstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles	Pipe Use Stormwater Pipe		
Details	Height 300 mm	Width mm	
Shape Circular	Material Corrugated Metal Pipe	Lining	
Coating	Joint Length m	Total Length 11.44 m	
Len. Surveyed 11.44 m	Year Constructed	Year Rehabilitated	
Up DI8	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH5	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System	Vertical Datum		
GPS Accuracy			
Additional Info			

Miscellaneous						Structural			O&M	Constructional
Count	CD	Code	Val 1	Val 2	%	Jnt	Fr	To	Remarks	
0.00		ACB - Catch Basin							CBMH5	
0.00		MWL - Miscellaneous Water Level			005					
10.41		OBZ - Obstruction Other			010		05	07	sticks/brush	
11.44		AZ - Other							DI8	
11.44 m	Total Length Surveyed									

Scores

	Asset Rating	Asset Ratings Index	Quick Score
Structural	0	0	0000
O&M	2	2	2100
Overall	2	2	2100

Sheet 6	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230808 14:14	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled		Purpose Pre-Rehabilitation Survey	Direction Downstream
Inspection Status Complete Inspection	Consequence of Failure		Pressure
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles		Pipe Use Sanitary Sewage Pipe	
Details		Height 375 mm	Width mm
Shape Circular	Material Vitrified Clay Pipe	Lining	
Coating	Joint Length m	Total Length 100.87 m	
Len. Surveyed 100.87 m	Year Constructed	Year Rehabilitated	
Up SANMH6	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down SANMH7	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System		Vertical Datum	
GPS Accuracy			
Additional Info			

Miscellaneous						Structural			O&M	Constructional
Count	CD	Code	Val 1	Val 2	%	Jnt	Fr	To	Remarks	
0.00		AMH - Manhole							SANMH6	
0.00		MWL - Miscellaneous Water Level			010					
0.11		DAGS - Deposits Attached Grease			005		04			
9.28		DAGS - Deposits Attached Grease			005	X	07	05		
9.28		IR - Infil Runner				X	02			
16.97		TB - Tap Break-in/Hammer	200				10			
19.36		DAE - Deposits Attached Encrustation			005		10			
19.36		ID - Infil Dripper				X	10			
30.67	S01	MWLS - Miscellaneous Water Level Sag			010					
35.19	F01	MWLS - Miscellaneous Water Level Sag			010					
46.57		DAGS - Deposits Attached Grease			005		04			
46.57		DAGS - Deposits Attached Grease			005		08			
47.30		TBA - Tap Break-in Activity	150				12			
60.01	S02	MWLS - Miscellaneous Water Level Sag			010					
61.41		IG - Infil Gusher				X	12			
64.24	F02	MWLS - Miscellaneous Water Level Sag			010					
73.95		IG - Infil Gusher				X	12			
76.44		TB - Tap Break-in/Hammer	200				03			
80.75		IR - Infil Runner				X	12			
82.46		IR - Infil Runner				X	12			
89.64		IR - Infil Runner				X	12			
100.87		AMH - Manhole							SANMH7	

100.87 m Total Length Surveyed

Work Order 23-WH-12	Date 4:14 20230808	Sheet 6
Street 181 Toronto Street South		
City Uxbridge	Weather Light Rain	
Location		
Up Node SANMH6	Down Node SANMH7	Direction Downstream

Scores

	Asset Rating	Asset Ratings Index	Quick Score
Structural	12	2	2600
O&M	39	3.3	5244
Overall	51	2.8	5244

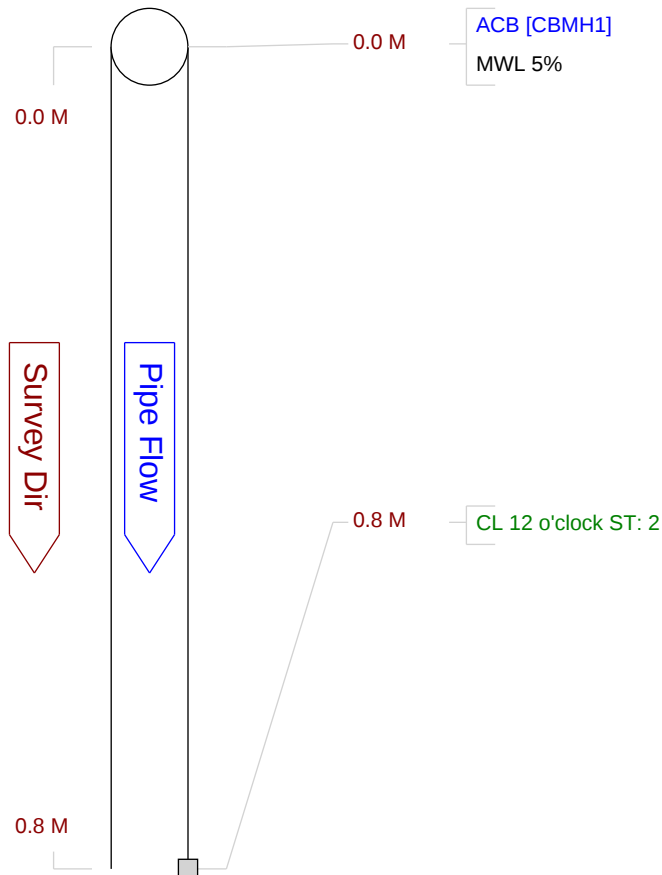
Sheet 7	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230809 10:34	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Upstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles		Pipe Use Stormwater Pipe	
Details	Height 300 mm	Width	mm
Shape Circular	Material Corrugated Metal Pipe	Lining	
Coating	Joint Length m	Total Length 8.95 m	
Len. Surveyed 8.95 m	Year Constructed	Year Rehabilitated	
Up DI9	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH4	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System		Vertical Datum	
GPS Accuracy			
Additional Info Starting 1m in pipe due to chamber configuration			

Miscellaneous						Structural			O&M	Constructional
Count	CD	Code	Val 1	Val 2	%	Jnt	Fr	To	Remarks	
0.00		ACB - Catch Basin							CBMH4	
0.00		MWL - Miscellaneous Water Level			000					
8.95		AZ - Other							DI9	
8.95	m	Total Length Surveyed								

Scores

	Asset Rating	Asset Ratings Index	Quick Score
Structural	0	0	0000
O&M	0	0	0000
Overall	0	0	0000

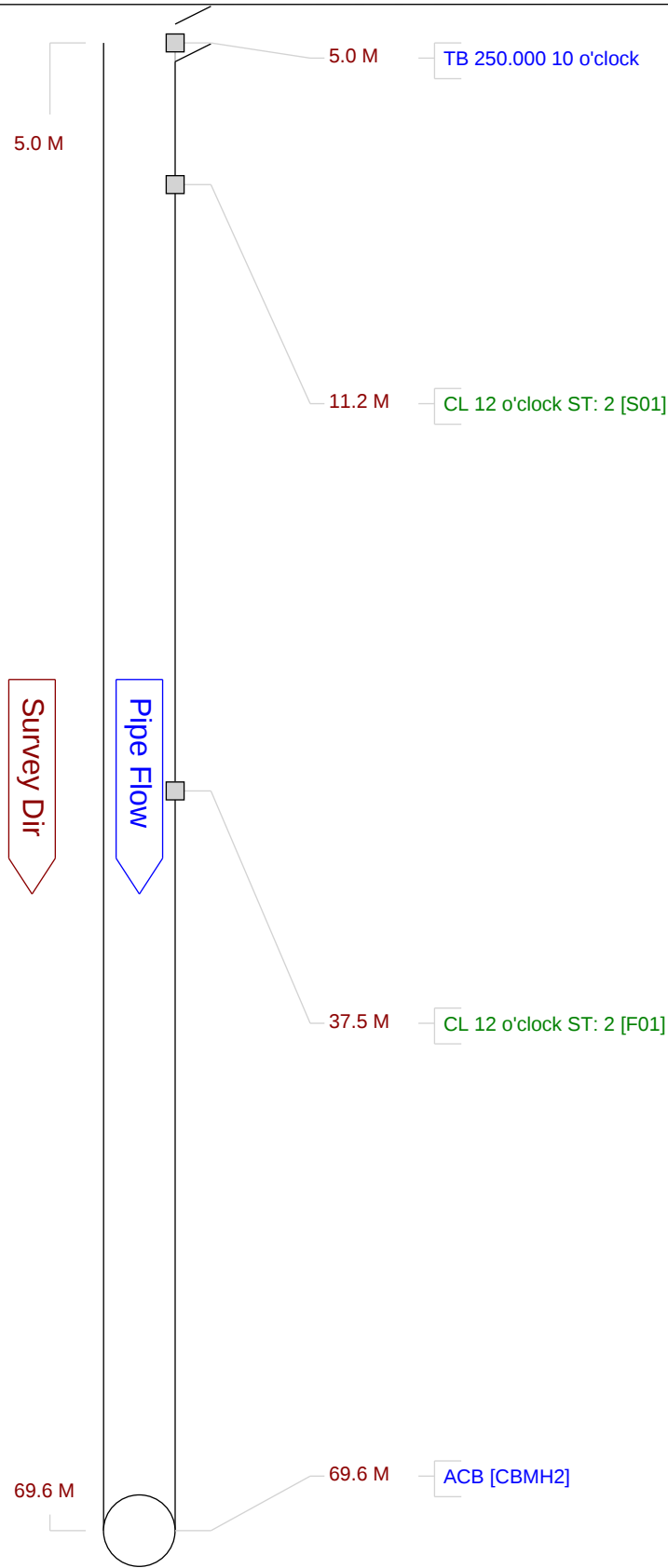
Sheet 1	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230808 09:41	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Downstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles	Pipe Use Stormwater Pipe		
Details	Height 525 mm	Width	mm
Shape Circular	Material Concrete Pipe (non-reinforced)	Lining	
Coating	Joint Length m	Total Length 69.6 m	
Len. Surveyed 69.6 m	Year Constructed	Year Rehabilitated	
Up CBMH1	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH2	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System	Vertical Datum		
GPS Accuracy			
Additional Info Started 1m in pipe due to chamber configuration	Miscellaneous <u>Structural</u> <u>O&M</u> <u>Construction</u>		



0.0 Catch Basin

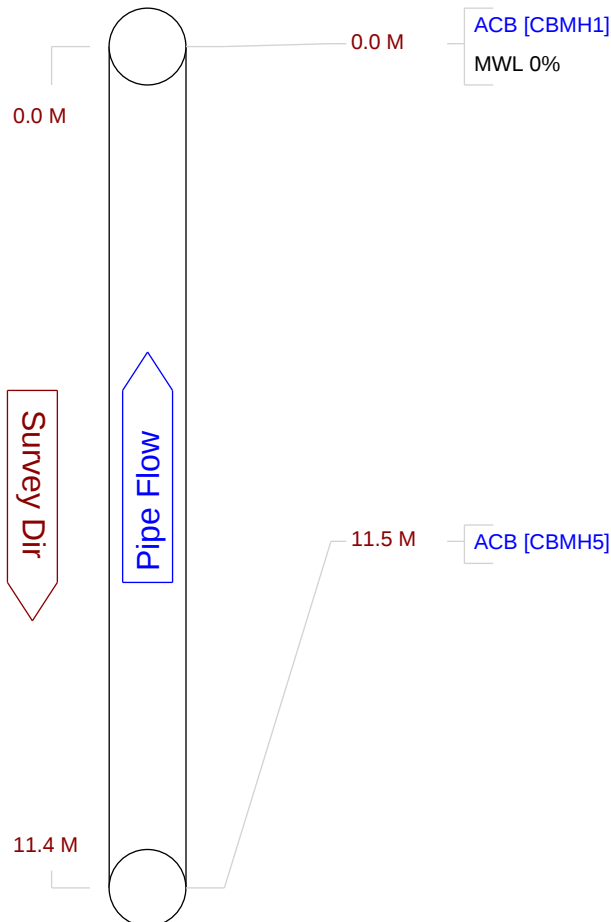


0.8 Crack Longitudinal



Sheet 2	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230808 10:36	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Upstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles	Pipe Use Stormwater Pipe		
Details	Height 375 mm	Width	mm
Shape Circular	Material Polyethylene	Lining	
Coating	Joint Length m	Total Length 11.45 m	
Len. Surveyed 11.45 m	Year Constructed	Year Rehabilitated	
Up CBMH5	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH1	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System	Vertical Datum		
GPS Accuracy			
Additional Info Starting 1m in line due to chamber configuration			

Miscellaneous Structural O&M Construction



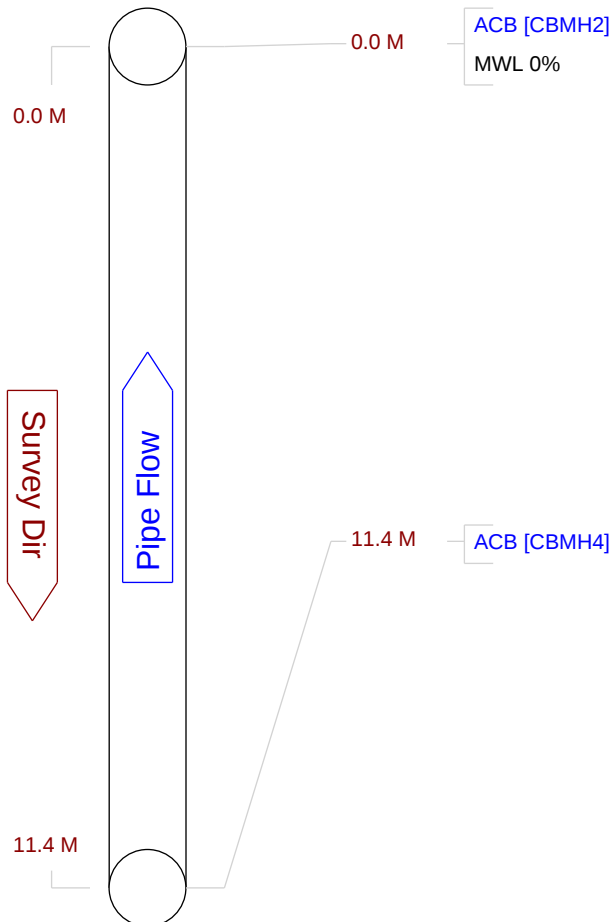
0.0 Catch Basin



11.5 Catch Basin

Sheet 3	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230808 11:36	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Upstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles		Pipe Use Stormwater Pipe	
Details		Height 375 mm	Width mm
Shape Circular	Material Polyethylene	Lining	
Coating	Joint Length m	Total Length 11.39 m	
Len. Surveyed 11.39 m	Year Constructed	Year Rehabilitated	
Up CBMH4	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH2	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System		Vertical Datum	
GPS Accuracy			
Additional Info Starting 1m in line due to chamber configuration			

Miscellaneous Structural O&M Constructional

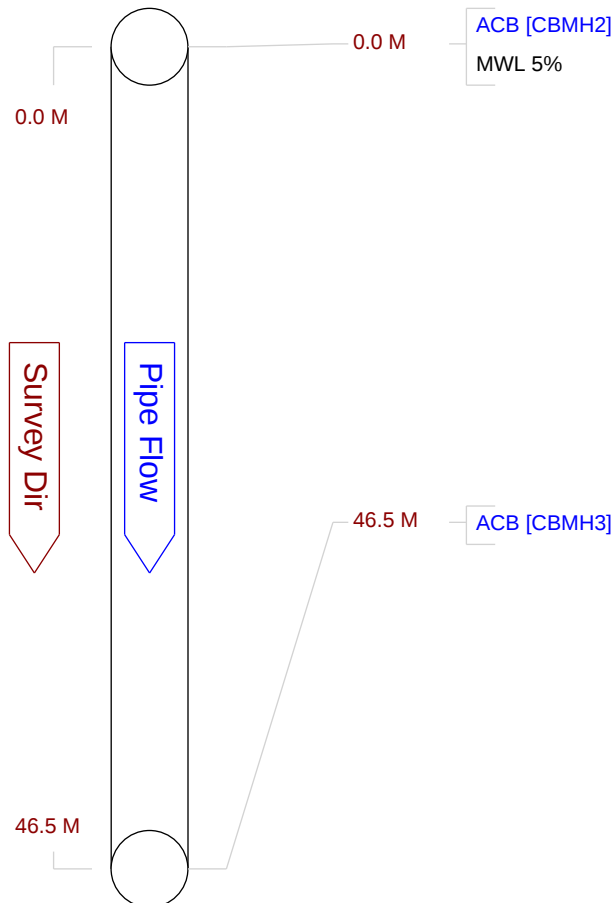


0.0 Catch Basin



11.4 Catch Basin

Sheet 4	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230808 11:56	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Downstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles	Pipe Use Stormwater Pipe		
Details	Height 600 mm	Width mm	
Shape Circular	Material Concrete Pipe (non-reinforced)	Lining	
Coating	Joint Length m	Total Length 46.46 m	
Len. Surveyed 46.46 m	Year Constructed	Year Rehabilitated	
Up CBMH2	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH3	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System	Vertical Datum		
GPS Accuracy			
Additional Info Starting 1m in line due to chamber configuration	Miscellaneous	Structural	O&M Construction



Street	181 Toronto Street South	City	Uxbridge	Drainage Area	
Location	Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles			Pipe Use	Stormwater Pipe
Details				Height	300 mm
Shape	Circular	Material	Corrugated Metal Pipe	Lining	
Coating		Joint Length	m	Total Length	11.44 m
Len. Surveyed	11.44 m	Year Constructed		Year Rehabilitated	
Up Northing	DI8	Rim Invert Easting		Grade Invert Elevation	Rim Grade m
Down Northing	CBMH5	Rim Invert Easting		Grade Invert Elevation	Rim Grade m
Coordinate System				Vertical Datum	
GPS Accuracy					
Additional Info					

The diagram illustrates a vertical pipe section with the following details:

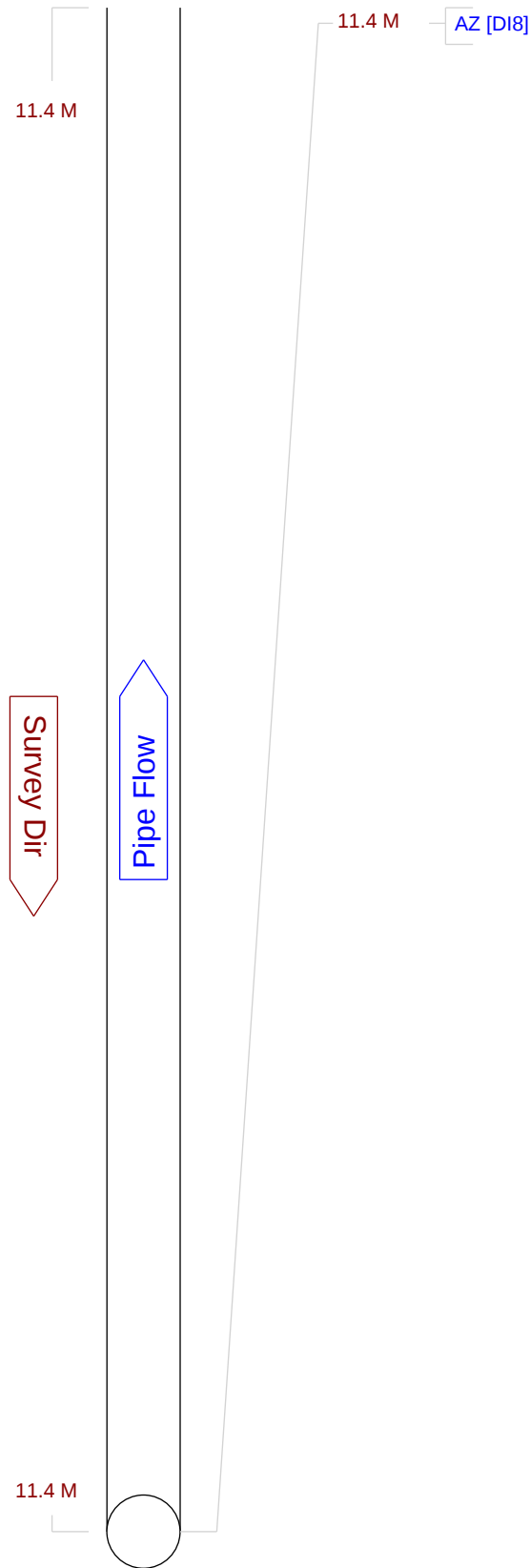
- Survey Dir:** Indicated by a red arrow pointing downwards on the left side of the pipe.
- Pipe Flow:** Indicated by a blue arrow pointing upwards on the right side of the pipe.
- ACB [CBMH5]:** A blue label at the top right, with a bracket indicating a 5% margin of error.
- MWL 5%:** A red label at the top right, with a bracket indicating a 5% margin of error.
- 0.0 M:** A red label at the top of the pipe, indicating the starting elevation.
- 10.4 M:** A red label at the bottom of the pipe, indicating the ending elevation.
- OBZ 10% 05 to 07 o'clock OM: 2 [sticks/brush]:** A red label on the right side, with a bracket indicating a 10% margin of error and a note about the observation method (sticks/brush).



0.0 Catch Basin



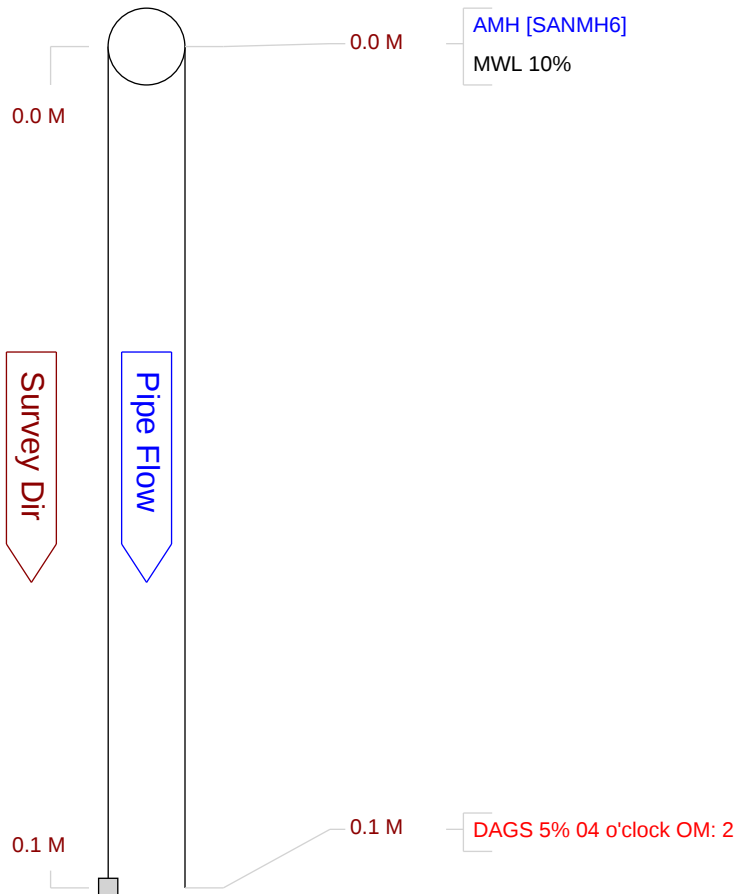
10.4 Obstruction Other



11.4 Other

Sheet 6	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+	PO 61002762	Media Label	
Date 20230808 14:14	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Downstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles	Pipe Use Sanitary Sewage Pipe		
Details	Height 375 mm	Width mm	
Shape Circular	Material Vitrified Clay Pipe	Lining	
Coating	Joint Length m	Total Length 100.87 m	
Len. Surveyed 100.87 m	Year Constructed	Year Rehabilitated	
Up SANMH6	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down SANMH7	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System	Vertical Datum		
GPS Accuracy			
Additional Info			

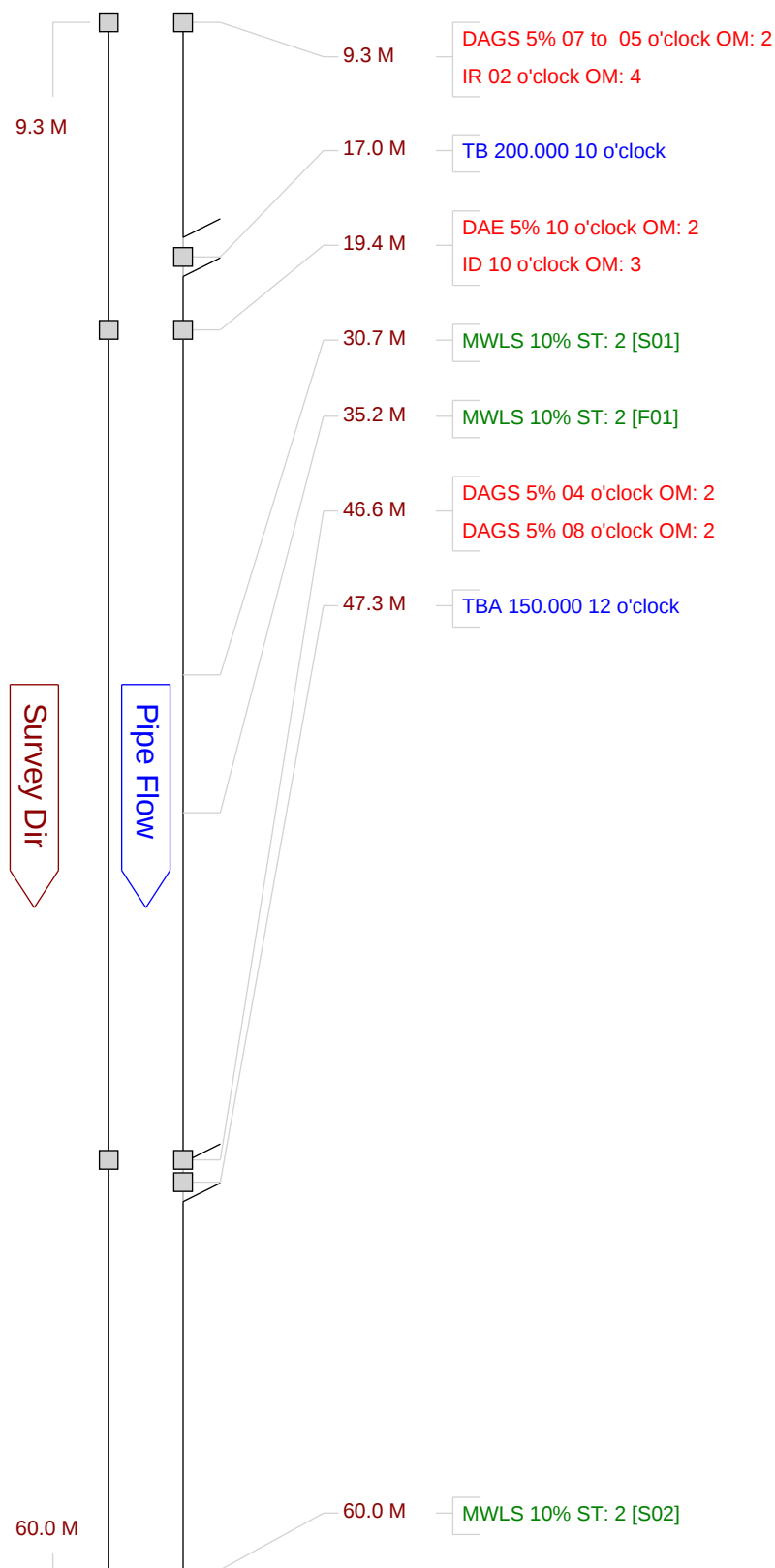
Miscellaneous Structural O&M Constructional



0.0 Manhole



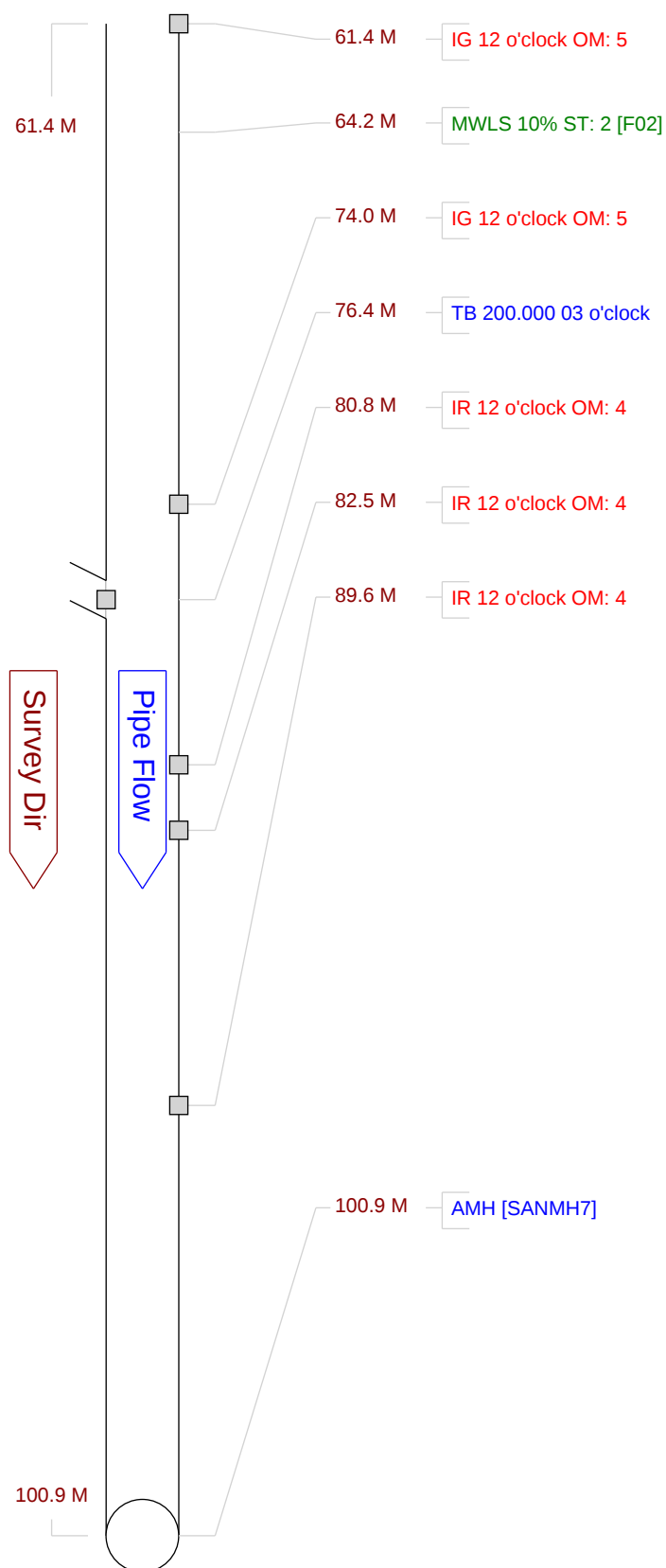
0.0 Miscellaneous Water Level



9.3 Infil Runner



19.4 Deposits Attached Encrustation



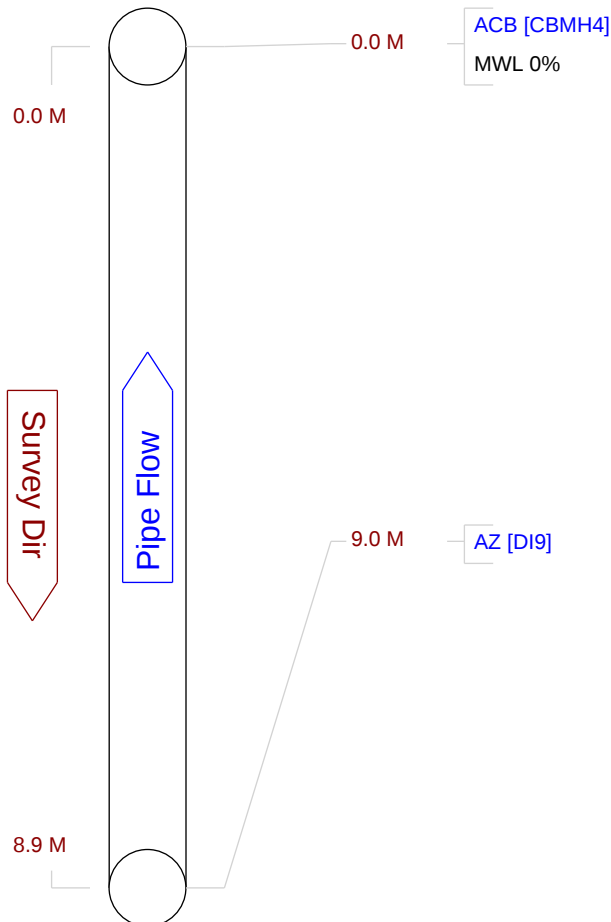
74.0 Infil Gusher



100.9 Manhole

Sheet 7	Surveyor LJT	Certificate U-0621-704M0208	System Owner Durham Region
Reviewed By	Reviewer #	Work Order 23-WH-12	
Customer Larkin+		PO 61002762	Media Label
Date 20230809 10:34	Weather Light Rain	PreClean No Pre-Cleaning	Date Cleaned
Flow Control Not Controlled	Purpose Pre-Rehabilitation Survey	Direction Upstream	
Inspection Status Complete Inspection	Consequence of Failure	Pressure	
Inspection Technology Used	☒ CCTV ☐ Laser ☐ Sonar ☐ Sidewall ☐ Zoom ☐ Other		
Street 181 Toronto Street South	City Uxbridge	Drainage Area	
Location Primary major arterial roads, interstates, numbered roads or town/city center roads for heavy vehicles		Pipe Use Stormwater Pipe	
Details		Height 300 mm	Width mm
Shape Circular	Material Corrugated Metal Pipe	Lining	
Coating	Joint Length m	Total Length 8.95 m	
Len. Surveyed 8.95 m	Year Constructed	Year Rehabilitated	
Up DI9	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Down CBMH4	Rim Invert	Grade Invert	Rim Grade m
Northing	Easting	Elevation	
Coordinate System		Vertical Datum	
GPS Accuracy			
Additional Info Starting 1m in pipe due to chamber configuration			

Miscellaneous Structural O&M Constructional



0.0 Catch Basin



9.0 Other

Defects by Inspections 181 Toronto Street South, Uxbridge

Report Date: 2023/08/14

Survey Count 7

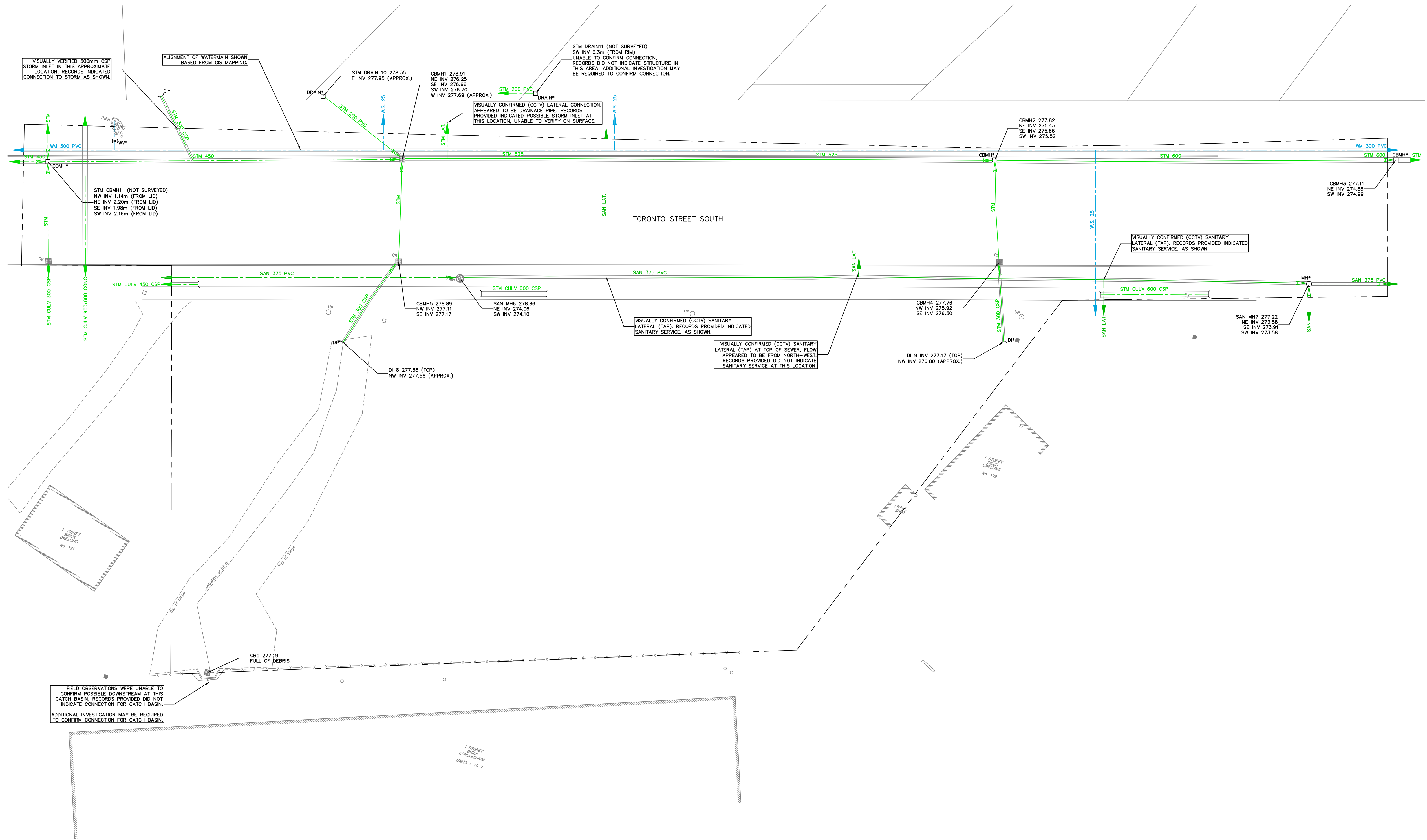
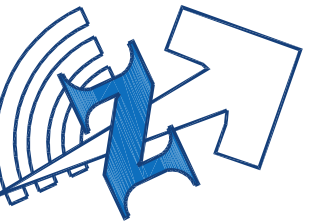
Sheet	Start Node End Node	Surveyed Length	Crack	Deposits	Infiltration	Miscellaneous	Obstacles	Taps
1	CBMH1 CBMH2	69.6 m	3		1		1	
2	CBMH5 CBMH1	11.5 m			1			
3	CBMH4 CBMH2	11.4 m			1			
4	CBMH2 CBMH3	46.5 m			1			
5	DI8 CBMH5	11.4 m			1	1		
6	SANMH6 SANMH7	100.9 m	5	7	5		3	
7	DI9 CBMH4	9.0 m			1			
Totals		260.2 m	3	5	7	11	1	4



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 - ALIGNMENT OF SEWERS (STORM AND SANITARY) AND WATERMAIN ARE SHOWN. OTHER UTILITIES MAY BE PRESENT THAT WERE NOT INCLUDED IN THE SCOPE OF WORK AND WERE NOT SHOWN.
 - SERVICES (SANITARY AND WATER) ARE SHOWN BASED ON RECORDS PROVIDED.
 - SURVEYED ELEVATIONS SHOWN ARE FOR REFERENCE ONLY. T2UE RECOMMENDS THE TOPO SURVEY UPDATED FOR ANY MISSING FEATURES NOTED.

FIELD SKETCH LEGEND	
*	NOT SURVEYED, LOCATION BASED ON FIELD OBSERVATION
#	NOT SURVEYED, LOCATION BASED ON RECORD INFORMATION
S	LOSS OF SIGNAL
→	FLOW CONTINUATION
→	FLOW ARROW
SAN	SANITARY SEWER
STM	STORM SEWER
WM	WATER MAIN
---	LIMIT OF INVESTIGATION

REVISIONS		DISCLAIMER.	PREPARED BY.				DATE (MM/DD/YY)		PROJECT.	CLIENT.	
△	ADDITIONAL INVESTIGATIONS: NOVEMBER 20, 2023	THIS DRAWING HAS BEEN PREPARED FOR THE USE OF T2UE'S CLIENT AND MAY NOT BE USED, REPRODUCED OR RELIED UPON BY THIRD PARTIES, EXCEPT AS AGREED BY T2UE AND ITS CLIENT, AS REQUIRED BY LAW OR FOR USE BY GOVERNMENT REVIEWING AGENCIES. T2UE ACCEPTS NO RESPONSIBILITY, AND DENIES ANY LIABILITY WHATSOEVER, TO ANY PARTY THAT MODIFIES THIS DRAWING WITHOUT T2UE'S EXPRESS WRITTEN CONSENT.	 1-855-222-T2UE WWW.T2UE.COM				DRAWN	L.SICA / M.TERECH	08/08/23	181 TORONTO ST UXBRIDGE, ON	2773791 ONTARIO INC.  land use planners inc.
△							CHECKED	M.ALI	08/08/23		
△							APPROVED	B.HUNT	11/20/23		
							SCALE	NOT TO SCALE		DRAWING.	
										FIELD SKETCH	
										PROJECT NO.	61002762
										SHEET NO.	1 OF 1