

# Inspection Report

Produced on behalf of – SAMPLE

Site location – CITY STREET

Survey reference – 20

Date – 3/24/2022

Adirondack Septic Tank, Inc.

4720 NY-30, Amsterdam, NY/Montgomery

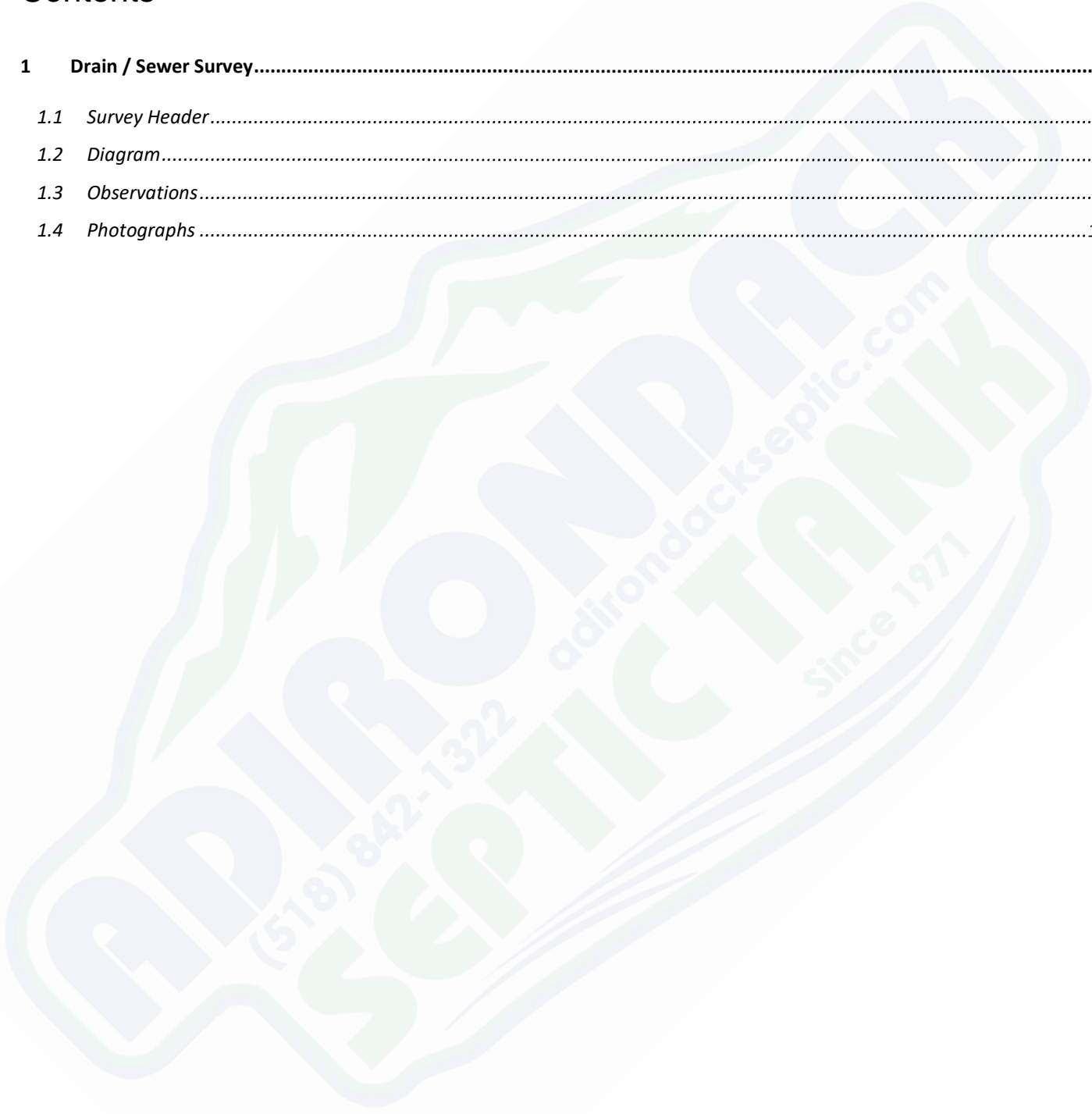
12010, USA

518-842-1322



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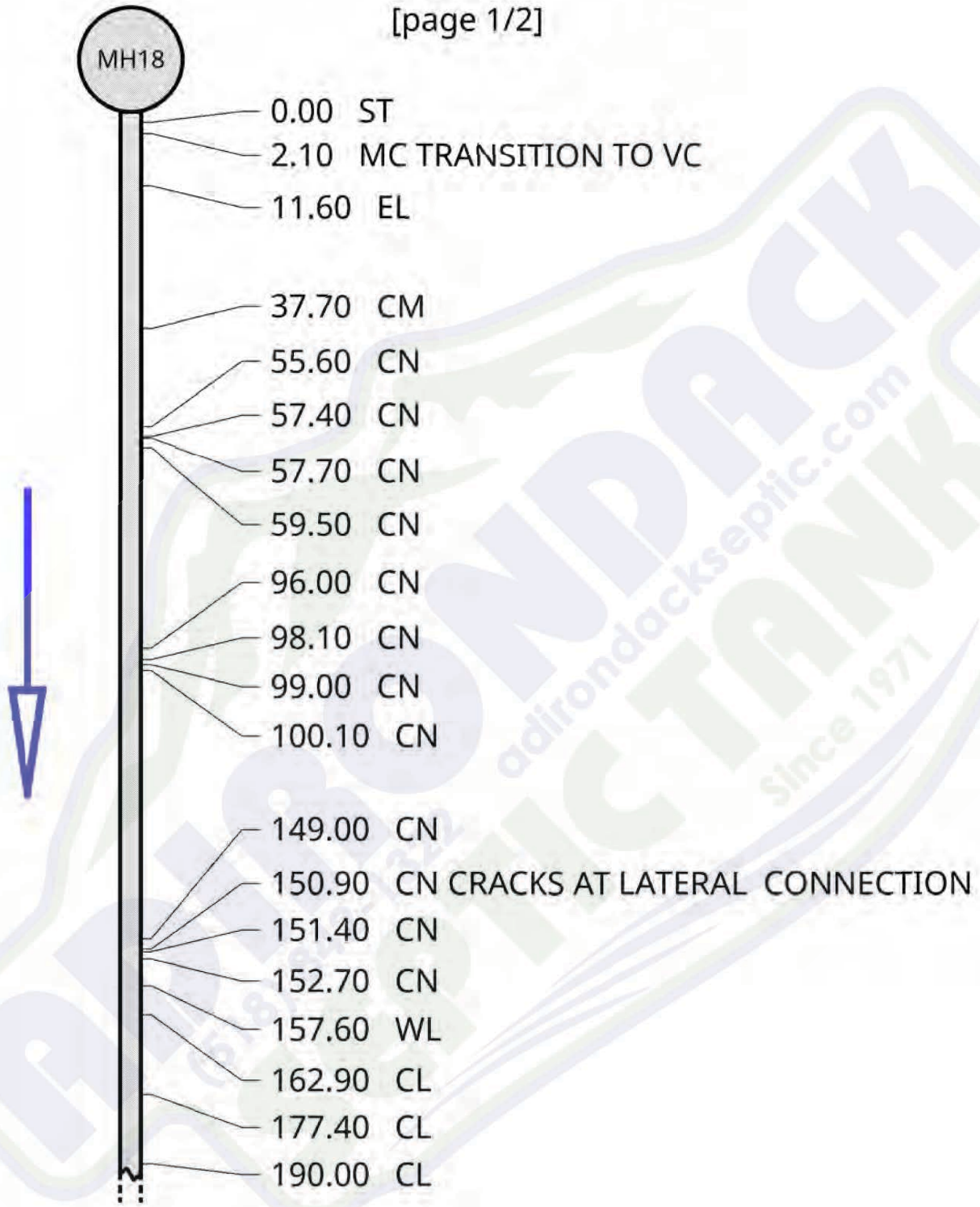
# 1 Drain / Sewer Survey

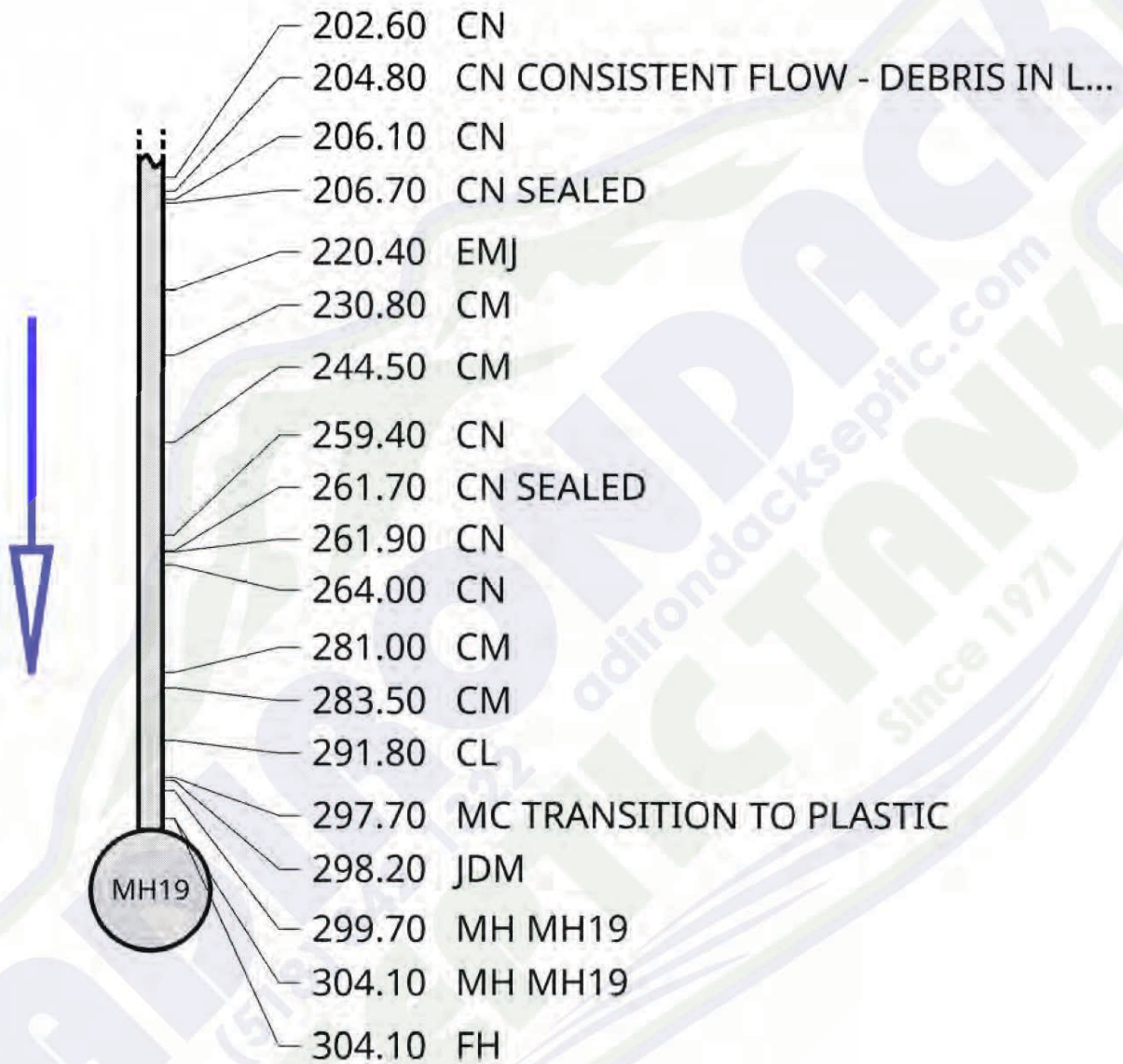
## 1.1 Survey Header

1.1.1	Surveyed by (Operator)	JZ
1.1.2	Contract no.	
1.1.3	Job no.	20
1.1.4	Catchment (Drainage area)	
1.1.5	Division	
1.1.6	District	
1.1.7	Pipeline length ref	--
1.1.8	Date	240321
1.1.9	Time	14:02
1.1.10	Location	SAMPLE ST.
1.1.11	Start manhole no.	MH18
1.1.12	Start depth	8'
1.1.13	Start cover level	
1.1.14	Start invert level	
1.1.15	Finish manhole no.	MH19
1.1.16	Finish depth	8'6"
1.1.17	Finish cover level	
1.1.18	Finish invert level	
1.1.19	Use of Drain	F
1.1.20	Direction	D
1.1.21	Size 1 (diameter/height)	10"
1.1.22	Size 2 (width)	10"
1.1.23	Shape	C
1.1.24	Material	VC
1.1.25	Lining	
1.1.26	Pipe length	
1.1.27	Total length	304.1
1.1.28	Year laid	
1.1.29	Video cassette number	
1.1.30	Comments: General	
1.1.31	Purpose	A
1.1.32	Sewer category	A
1.1.33	Pre-cleaning	Y
1.1.34	Weather	3
1.1.35	Location code	A
1.1.36	Further location details	

1.2 Diagram


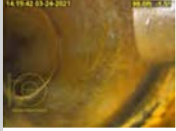







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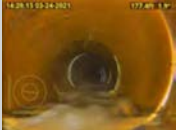







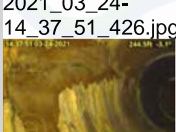




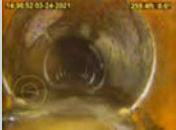




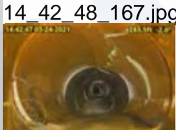


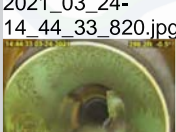
### 1.3 Observations




Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
0:00:02	0.0		ST	2021_03_24-14_04_54_715.jpg 						
0:00:15	2.1		MC	2021_03_24-14_05_14_367.jpg 						TRANSITION TO VC
0:01:46	11.6		EL	2021_03_24-14_11_12_055.jpg 		06	11			
0:03:34	37.7		CM	2021_03_24-14_13_13_932.jpg 		06	10			
0:04:31	55.6		CN	2021_03_24-14_14_27_122.jpg 	4"	10				
0:04:55	57.4		CN	2021_03_24-14_15_02_906.jpg 	4"	12				
0:05:11	57.7		CN	2021_03_24-14_15_26_565.jpg 	4"	02				
0:06:02	59.5		CN	2021_03_24-14_16_26_235.jpg 	4"	12				
0:08:01	96.0		CN	2021_03_24-14_18_33_475.jpg 	4"	10				
0:08:20	98.1		CN	2021_03_24-14_19_05_714.jpg 	4"	12				

Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:08:46	99.0		CN	2021_03_24-14_19_42_414.jpg 	4"	02				
0:09:16	100.1		CN	2021_03_24-14_20_21_583.jpg 	4"	12				
0:12:03	149.0		CN	2021_03_24-14_23_17_603.jpg 	4"	02				
0:12:23	150.9		CN	2021_03_24-14_24_07_802.jpg 	4"	12				CRACKS AT LATERAL CONNECTION
0:12:55	151.4		CN	2021_03_24-14_25_03_840.jpg 	4"	10				
0:13:22	152.7		CN	2021_03_24-14_25_40_233.jpg 	4"	12				
0:14:04	157.6		WL	2021_03_24-14_26_30_319.jpg 				40%		
0:14:31	162.9		CL	2021_03_24-14_27_08_423.jpg 		12				
0:15:29	177.4		CL	2021_03_24-14_28_13_864.jpg		12				

Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:16:53	190.0		CL	2021_03_24-14_29_49_174.jpg 		09				
0:17:56	202.6		CN	2021_03_24-14_31_10_561.jpg 	4"	02				
0:18:15	204.8		CN	2021_03_24-14_32_25_223.jpg 	4"	12				CONSISTENT FLOW - DEBRIS IN LATERAL CONNECTION
0:18:42	206.1		CN	2021_03_24-14_33_22_566.jpg 	4"	11				
0:18:54	206.7		CN	2021_03_24-14_33_43_472.jpg 	4"	12				SEALED
0:20:01	220.4		EMJ	2021_03_24-14_35_04_926.jpg 		06	12	10%		
0:20:49	230.8		CM	2021_03_24-14_36_15_102.jpg 		07	05			
0:22:03	244.5		CM	2021_03_24-14_37_51_426.jpg 		07	12			
0:22:51	259.4		CN	2021_03_24-14_38_52_266.jpg	4"	10				



Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:23:08	261.7		CN	2021_03_24-14_39_17_373.jpg 	4"	12				SEALED
0:23:31	261.9		CN	2021_03_24-14_39_51_885.jpg 	4"	02				
0:23:49	264.0		CN	2021_03_24-14_40_28_286.jpg 	4"	12				
0:25:00	281.0		CM	2021_03_24-14_41_57_540.jpg 	11	11	01			
0:25:33	283.5		CM	2021_03_24-14_42_48_167.jpg 		08	04			
0:26:07	291.8		CL	2021_03_24-14_43_31_566.jpg 		12				
0:26:32	297.7		MC	2021_03_24-14_44_04_003.jpg 						TRANSITION TO PLASTIC
0:26:36	298.2		JDM	2021_03_24-14_44_33_820.jpg 						
0:26:46	299.7		MH	2021_03_24-14_45_04_390.jpg						MH19

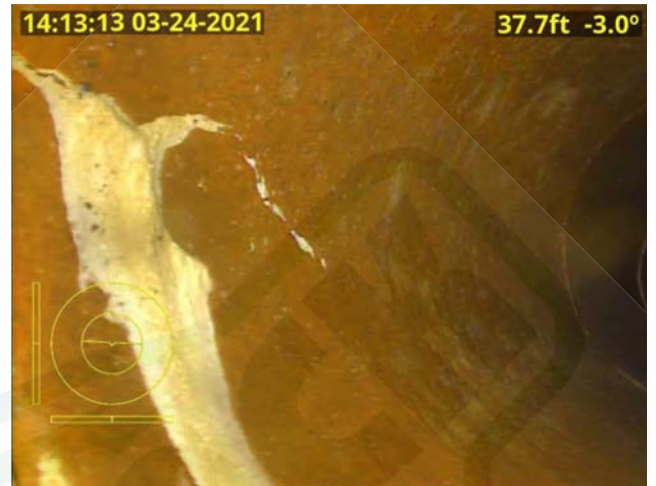
Video Ref	Dist (ft)	Cont Defect	Code	Photo Ref	Diameter/ Dimension	Clock		Intrusion		Remarks
						At	To	%	mm	
										
0:27:18	304.1		MH	2021_03_24-14_45_42_146.jpg 						MH19
0:27:35	304.1		FH	2021_03_24-14_46_08_738.jpg 						

## 1.4 Photographs

ST 2021\_03\_24-14\_04\_54\_715.jpg



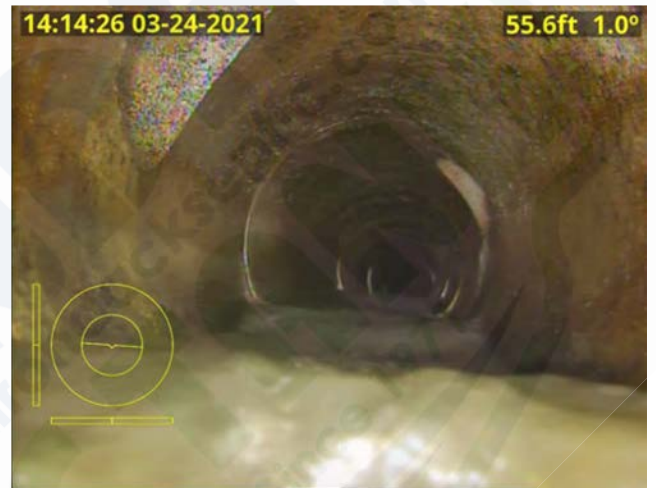
CM 2021\_03\_24-14\_13\_13\_932.jpg



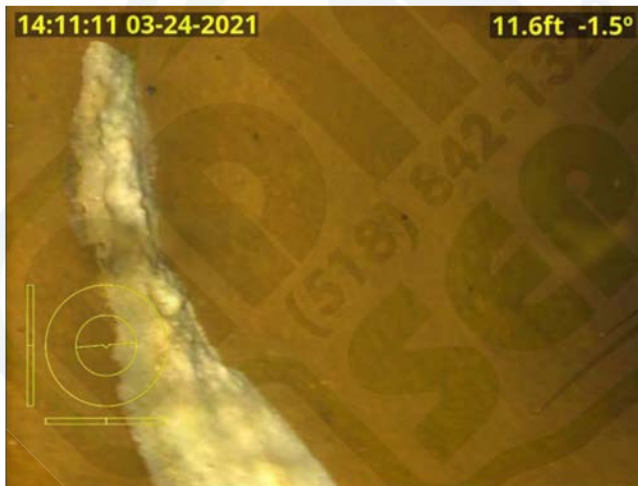
MC 2021\_03\_24-14\_05\_14\_367.jpg



CN 2021\_03\_24-14\_14\_27\_122.jpg



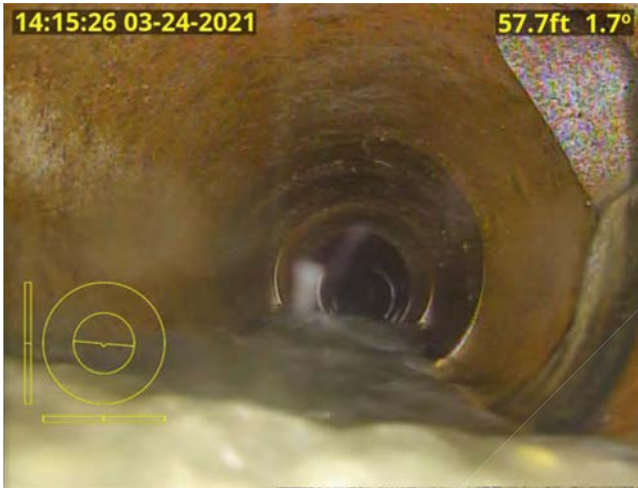
EL 2021\_03\_24-14\_11\_12\_055.jpg



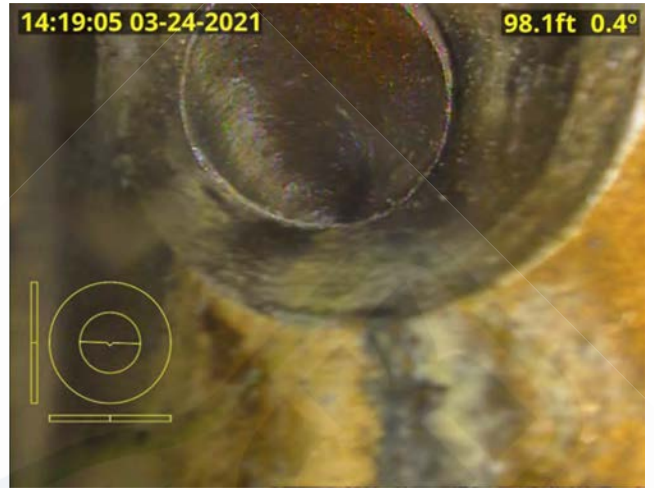
CN 2021\_03\_24-14\_15\_02\_906.jpg



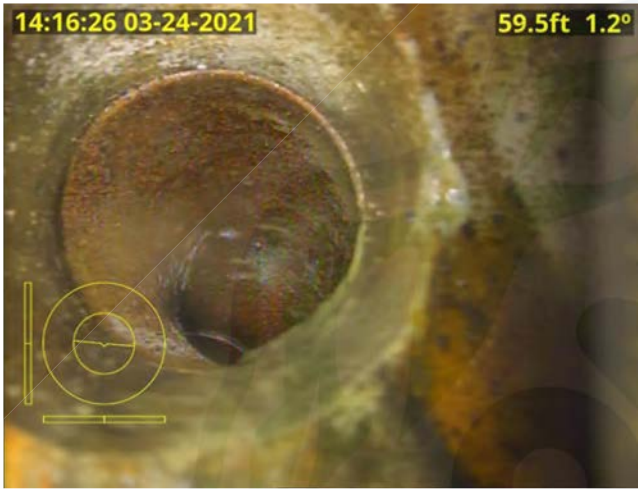
CN 2021\_03\_24-14\_15\_26\_565.jpg



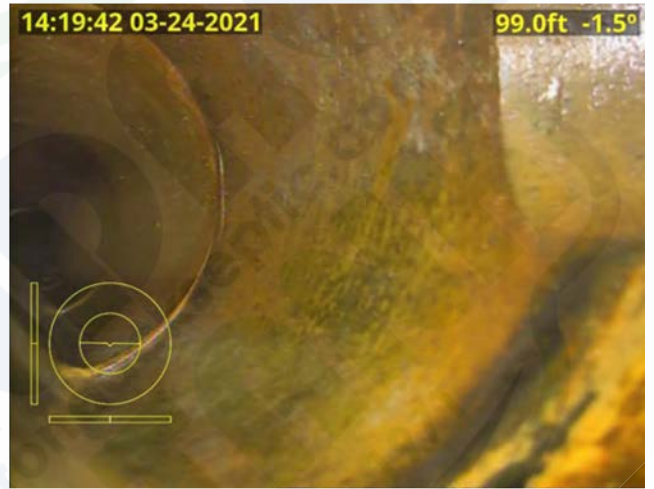
CN 2021\_03\_24-14\_19\_05\_714.jpg



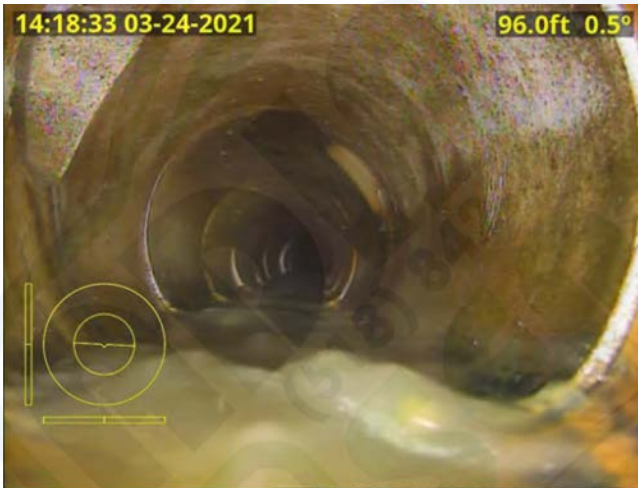
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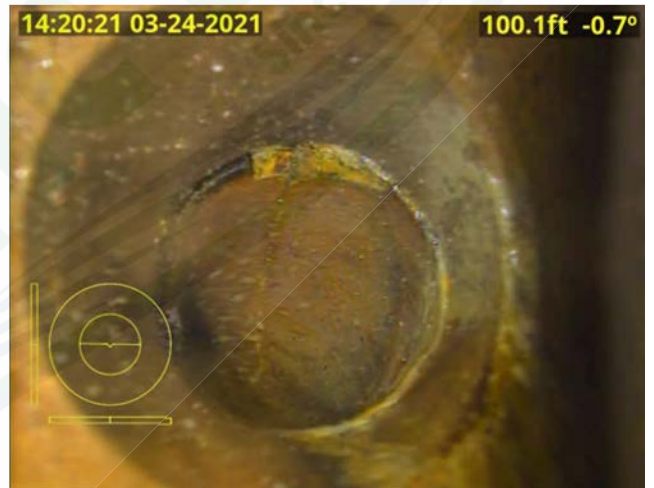
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CN 2021\_03\_24-14\_18\_33\_475.jpg



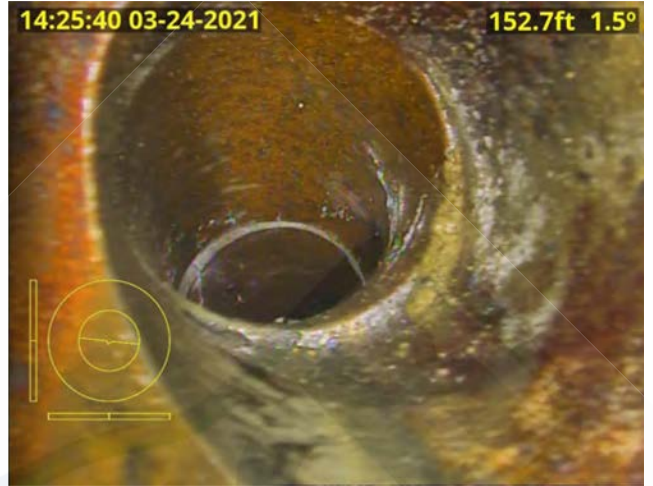
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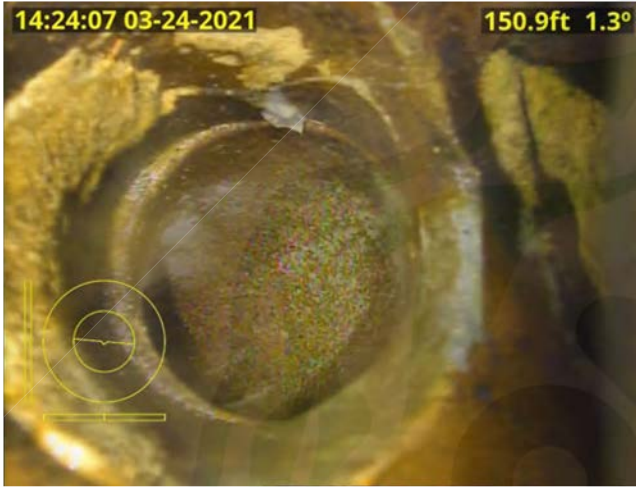
CN 2021\_03\_24-14\_23\_17\_603.jpg



CN 2021\_03\_24-14\_25\_40\_233.jpg



CN 2021\_03\_24-14\_24\_07\_802.jpg



WL 2021\_03\_24-14\_26\_30\_319.jpg



CN 2021\_03\_24-14\_25\_03\_840.jpg



CL 2021\_03\_24-14\_27\_08\_423.jpg



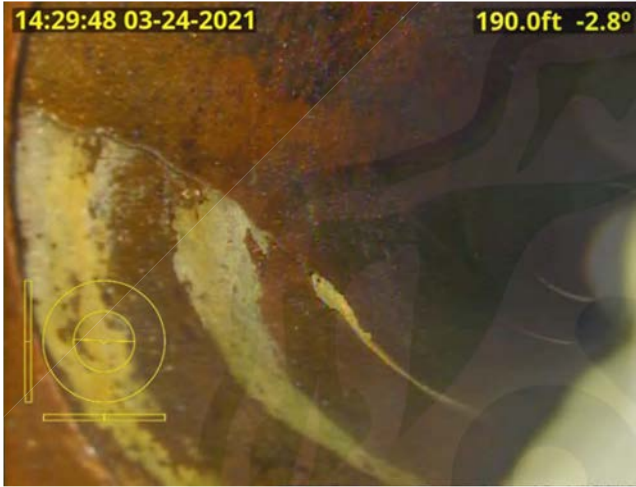
CL 2021\_03\_24-14\_28\_13\_864.jpg



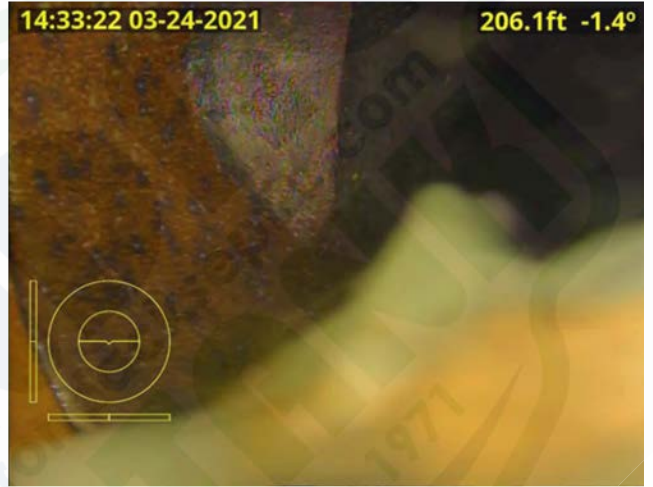
CN 2021\_03\_24-14\_32\_25\_223.jpg



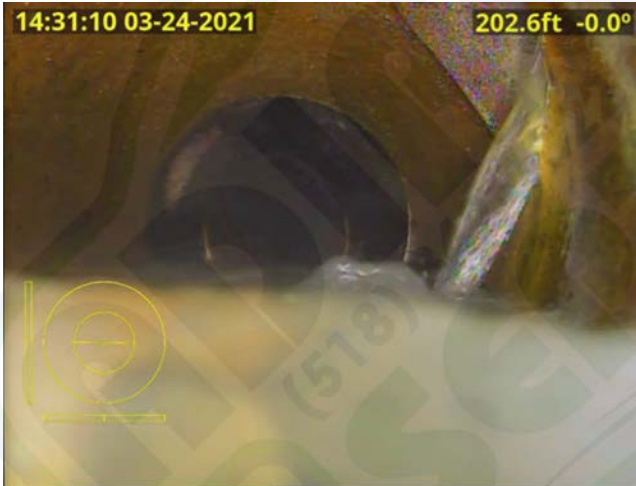
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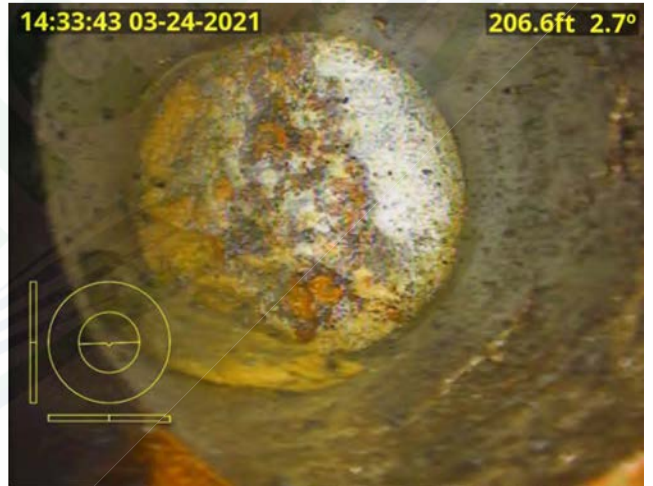
CN 2021\_03\_24-14\_33\_22\_566.jpg



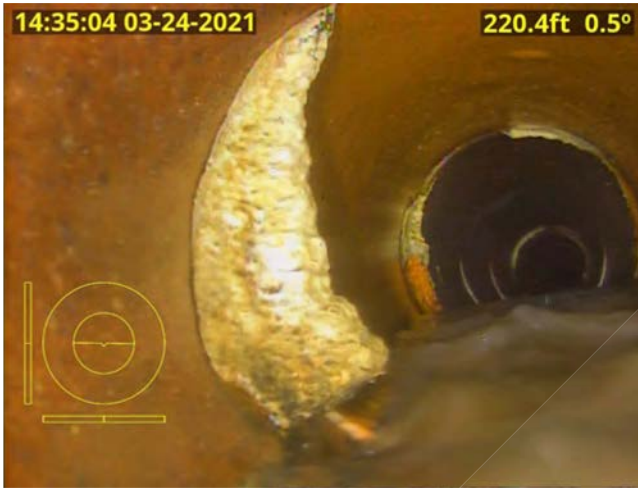
CN 2021\_03\_24-14\_31\_10\_561.jpg



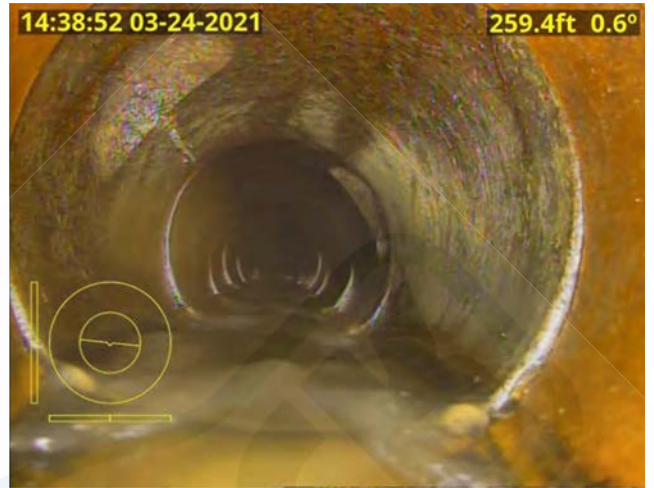
CN 2021\_03\_24-14\_33\_43\_472.jpg



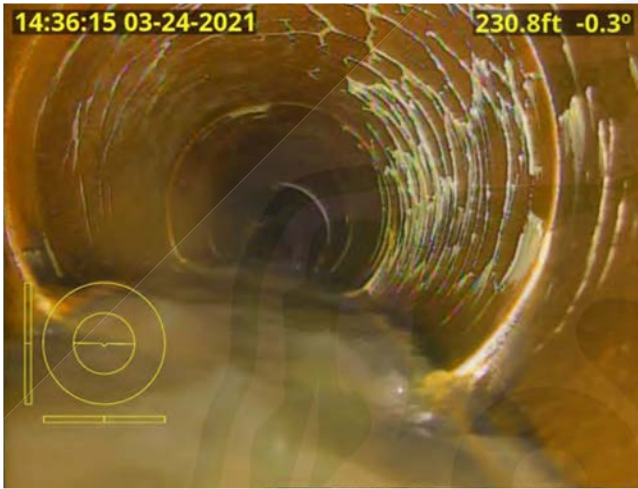
EMJ 2021\_03\_24-14\_35\_04\_926.jpg



CN 2021\_03\_24-14\_38\_52\_266.jpg



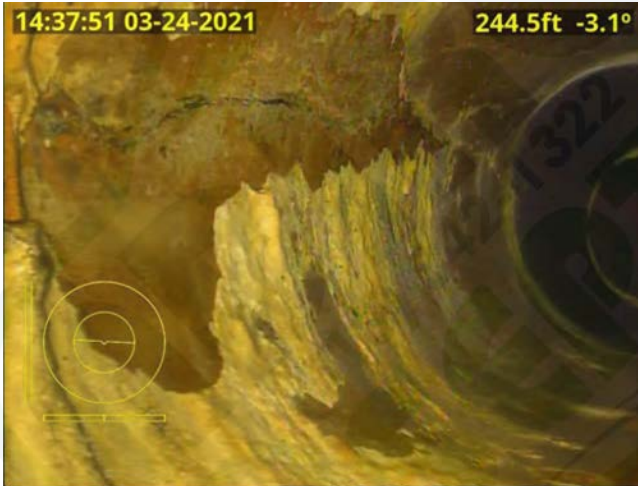
CM 2021\_03\_24-14\_36\_15\_102.jpg



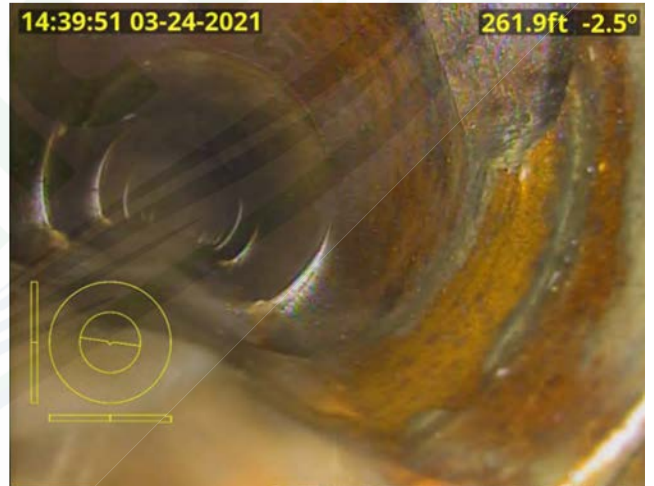
CN 2021\_03\_24-14\_39\_17\_373.jpg



CM 2021\_03\_24-14\_37\_51\_426.jpg



CN 2021\_03\_24-14\_39\_51\_885.jpg



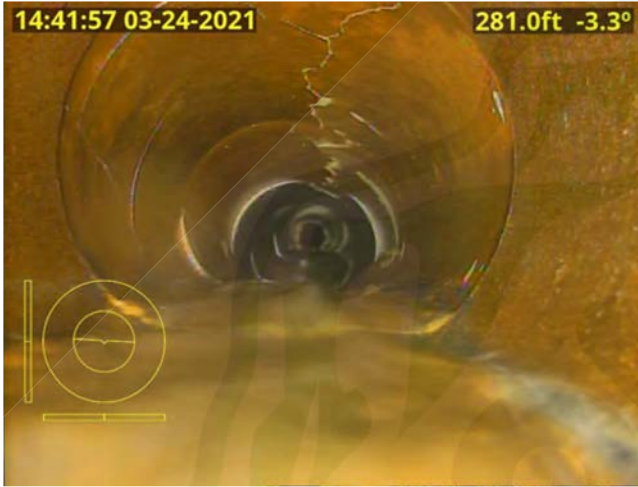
CN 2021\_03\_24-14\_40\_28\_286.jpg



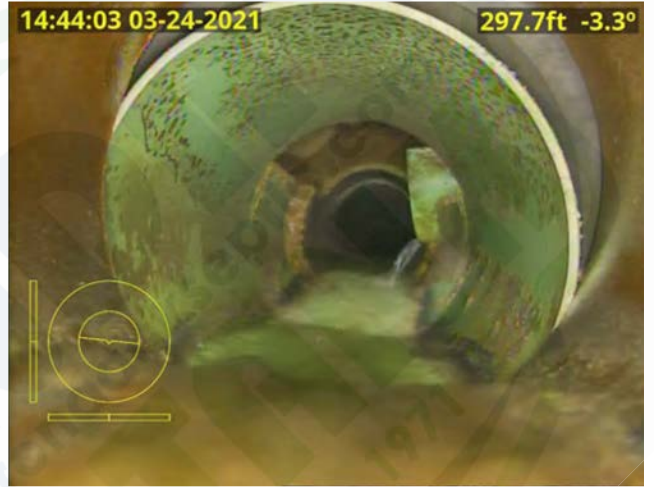
CL 2021\_03\_24-14\_43\_31\_566.jpg



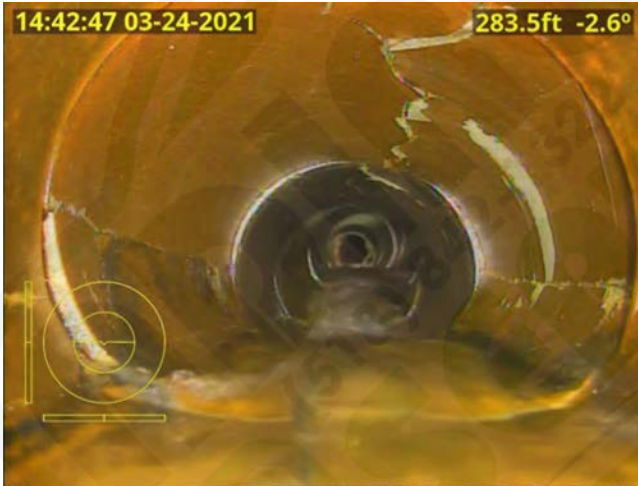
CM 2021\_03\_24-14\_41\_57\_540.jpg



MC 2021\_03\_24-14\_44\_04\_003.jpg



CM 2021\_03\_24-14\_42\_48\_167.jpg



JDM 2021\_03\_24-14\_44\_33\_820.jpg





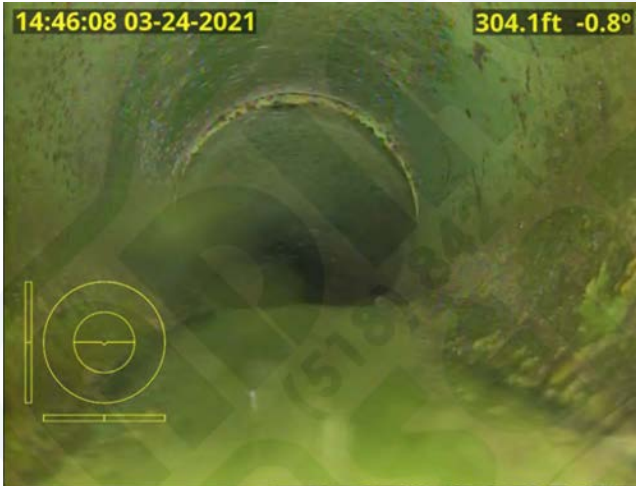
MH 2021\_03\_24-14\_45\_04\_390.jpg



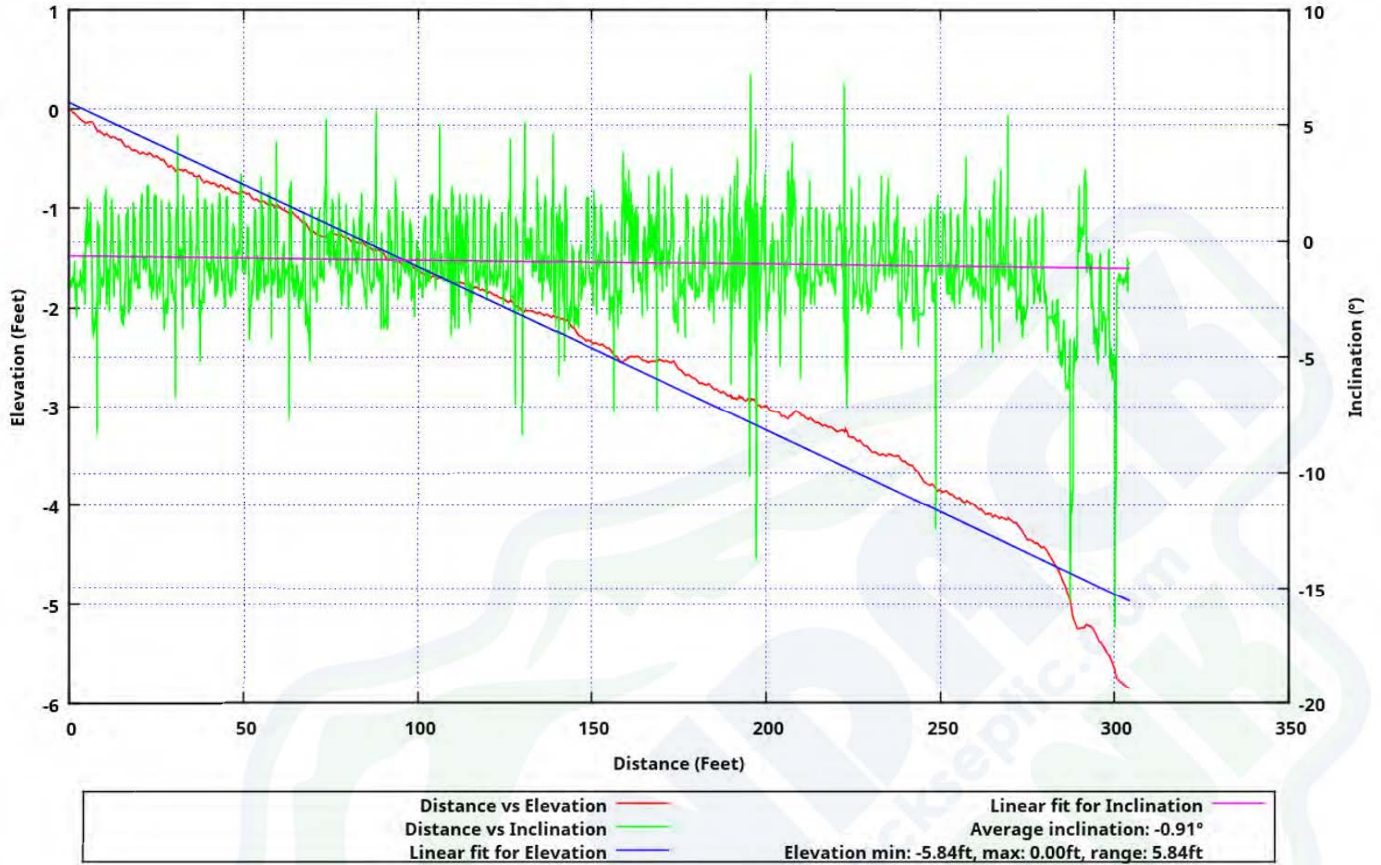
MH 2021\_03\_24-14\_45\_42\_146.jpg



FH 2021\_03\_24-14\_46\_08\_738.jpg



Elevation and inclination graph





**WRC MSCC Third Edition Coding:**

B	BROKEN PIPE	ESH	SCALE HEAVY
BR	BRANCH MAJOR	ESL	SCALE LIGHT
CC	CRACK CIRCUMFERENTIAL	ESM	SCALE MEDIUM
CL	CRACK LONGINTUDINAL	FC	FRACTURE CIRCUMFERENTIAL
CM	CRACKS MULTIPLE	FH	FINISH SURVEY
CN	CONNECTION	FL	FRACTURE LONGITUDINAL
CNI	CONNECTON, INTRUSION	FM	FRACTURE MULTIPLE
CU	CAMERA UNDER WATER	GO	GENERAL OBSERVATION
CX	CONNECTION DEFECTIVE	GP	GENERAL PHOTOGRAPH
CXI	CONNECTION DEFECTIVE, INTRUSION	H	HOLE
D	DEFROMED SEWER	ID	INFILTRATION DRIPPER
DB	DISPLACED BRICKS	IDJ	INFILTRATION DRIPPER AT JOINT
DC	DIMENSION CHANGES	IG	INFILTRATION GUSHER
DE	DEBRIS	IGJ	INFILTRATION GUSHER AT JOINT
DEG	DEBRIS GREASE	IS	INFILTRATION SEEPER
DES	DEBRIS SILT	ISJ	INFILTRATION SEEPER AT JOINT
DI	DROPPED INVERT	JDL	JOINT DISPLACED LARGE
EH	ENCRUSTATION HEAVY	JDM	JOINT DISPLACED MEDIUM
EHJ	ENCRUSTATION HEAVY AT JOINT	JN	JUNCTION
EL	ENCRUSTATION LIGHT	JX	JUNCTION DEFECTIVE
ELJ	ENCRUSTATION LIGHT AT JOINT	LC	LINING OF SEWER CHANGES
EM	ENCRUSTATION MEDIUM	LD	LINE OF SEWER DEVIATES DOWN
EMJ	ENCRUSTATION MEDIUM AT JOINT	LL	LINE OF SEWER DEVIATES LEFT
		LN	LINING DEFECT
		LR	LINE OF SEWER DEVIATES RIGHT
		LU	LINE OF SEWER DEVIATES UP
		MB	MISSING BRICKS
		MC	MATERIAL OF SEWER CHANGES
		MH	MANHOLE/NODE
		MM	MORTAR MISSING MEDIUM

MS MORTAR MISSING SURFACE  
 MT MORTAR MISSING TOTAL  
 OB OBSTRUCTION  
 OJL OPEN JOINT LARGE  
 OJM OPEN JOINT MEDIUM  
 PC LENGTH OF PIPE CHANGES  
 RF ROOTS FINE  
 RFJ ROOTS FINE AT JOINT  
 RM ROOTS MASS  
 RMJ ROOTS MASS AT JOINT  
 RT ROOTS TAP  
 RTJ ROOTS TAP AT JOINT  
 SA SURVERY ABANDONED  
 SC SHAPE OF SEWER CHANGES  
 SSL SURFACE DAMAGE, SPALLING LARGE  
 SSM SURFACE DAMAGE, SPALLING MEDIUM  
 SSS SURFACE DAMAGE, SPALLING SLIGHT  
 ST START SURVEY  
 SWL SURFACE DAMAGE, WEAR LARGE  
 SWM SURFACE DAMAGE, WEAR MEDIUM  
 SWS SURFACE DAMAGE, WEAR SLIGHT  
 V VERMIN  
 WL WATER LEVEL  
 X SEWER COLLAPSED

**Survey Header Coding:**

**Use of sewer:**

C COMBINED  
 F FOUL  
 S SURVEY WATER

T TRADE EFFLUENT  
 W WATERCOURSE (CULVERTED)  
 X OTHER  
 Z NOT KNOWN

**Direction:**

D SURVERY DOWNSTREAM  
 U SURVERY UPSTREAM

**Shape:**

A ARCHED (WITH FLAT BOTTOM)  
 B BARREL  
 C CIRCULAR  
 E EGG SHAPED  
 H HORSESHOE (INVERTED U)  
 O OVAL  
 X OTHER

**Material:**

AC ASBESTOES CEMENT  
 AK ALKATHENE  
 BR BRICK  
 CC CONCRETE BOX CULVERT  
 CI CAST IRON  
 CO CONCRETE  
 CSB CONCRETE SEGMENTS (BOLTED)  
 CSU CONCRETE SEGMENTS (UNBOLTED)  
 DI DUCTILE IRON  
 GRC GLASS REINFORCED CEMENT  
 GRP GLASS REINFORCED PLASTIC  
 MAC MASONRY (REGULAR)  
 MAR MASONRY (RANDOM)  
 PE POLYEHTYLENE

PF PITCH FIBRE  
 PP POLYPROPYLENE  
 PSC PLASTIC/STEEL COMPOSITE  
 PVC POLYVINYL CHLORIDE  
 RPM REINFORCED PLASTIC MATRIX  
 SI SPUN IRON  
 ST STEEL  
 VC VITRIFIED CLAY  
 XXX OTHER  
 ZZZ NOT KNOWN

**Lining:**

SAME CODING AS MATERIAL

**Purpose:**

A SPECIFIC PROBLEMS ON SEWER SYTEM RELATED TO STRUCTURAL OR SERVICE CONDITION DEFECTS  
 B SPECIFIC PROBLEMS ON SEWER SYTEM RELATED TO INFILTRATION  
 C ASSESSMENT OF COMPLETE REMEDIAL OF RENOVATION WORKS  
 D PRE-ADOPTION  
 E PRE-ACCEPTANCE  
 F SAMPLE SURVEY TO DETERMINE ASSET CONDITON  
 G ASSOCIATED WITH FUTURE CAPITAL SCHEME INCLUDING DRAINAGE AREA PLANNING  
 H RESURVEY FOR ANY REASON  
 X OTHER  
 Z NOT KNOWN

**Sewer category:**

A MOST CRITICAL  
 B LESS CRITICAL

C NON-CRITICAL  
 Z NOT KNOWN

**Pre-cleaning:**

N NO  
 Y YES  
 Z NOT KNOWN

**Weather:**

1 DRY  
 2 HEAVY RAIN  
 3 LIGHT RAIN  
 4 SHOWERS  
 5 SNOW

**Location code:**

A MAIN ROAD – URBAN  
 B MAIN ROAD – SUBURBAN  
 C LIGHT ROAD  
 D FOOTPATH OR VERGE  
 E FIELDS  
 F GARDENS