

Tabular Report of PSR 9029 (1-1)
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 43 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/16	Time 9:46	Street AMELO AVE
City ELLENTON	Further location details 9029.1 214 AMELO AVE		
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Finish 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 9029.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 165.4 Ft	Length Surveyed 165.4
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Constructional
Project		Work Order	
Northing 1163452.33	Easting 497461.06	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

Scores

Structural:	Pipe Rating 36	Pipe Ratings Index 3.3	Peak 5	Mean Pipe 0.2
O&M:	Pipe Rating 21	Pipe Ratings Index 1.9	Peak 3	Mean Pipe 0.1

Tabular Report of PSR CO96060
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 44 Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/04/16	Time 12:03	Street AMELO AVE		
City ELLENTON	Further location details CO96060.1 214 AMELO AVE				
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft	
Finish CO96060	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96060.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned	2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft	Total length 137.9	Ft	Length Surveyed 137.9
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info SOUTH			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163192.089	Easting 497323.355	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)			GPS Accuracy		

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
-0.1			MGO General Observation							N.1163293.12/E.497239.82
0.0			ST Start of Survey							
0.0			AMH Manhole							9029 (1-1)
0.0			MWL Water Level			10				
16.7			RFJ Roots Fine Joint				J	12	12	
18.5			TF Tap Factory	4.000				12		
39.1			IW Infil Weeper					10		
41.2			CS Crack Spiral					04	06	
44.0			FM Fracture Multiple					03	09	
44.5			FL Fracture Longitudinal					03		
49.4			IW Infil Weeper					05		
59.2			IW Infil Weeper					12		
70.5			TF Tap Factory	4.000				10		
76.0			IW Infil Weeper					12		
81.0			IW Infil Weeper					12		
122.5			TF Tap Factory	4.000				11		
137.9			MGO General Observation							N.1163192.089/E.497323.355
137.9			AMH Manhole							CO96060
137.9			FH End of Survey							

137.9 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 9	Pipe Ratings Index 3	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 11	Pipe Ratings Index 1.8	Peak 2	Mean Pipe 0.1

Tabular Report of PSR 1-8
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 45 Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE					
P/O #	Date 2012/04/17	Time 11:04	Street DENMARK DR			
City ELLENTON	Further location details 1-8.1 189 DENMARK DR					
Start 11066 (1-7)	Rim to invert 2.40	Grade to invert	Rim to grade	Ft		
Finish 1-8	Rim to invert	Grade to invert	Rim to grade	Ft		
Use Sanitary	Direction Up	Flow control	Media No	1-8.1		
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned	2012/04/17	
Material Vitrified Clay Pipe	Joint length Ft	Total length 199.7	Ft	Length Surveyed	199.7	
Lining	Year laid	Year rehabilitated	Weather Dry			
Purpose	Cat	Pressure				
Additional info WEST			<div> <div>Structural</div> <div>O&M</div> <div>Miscellaneous</div> <div>Hydraulic</div> <div>Constructional</div> </div>			
Location Easement/Right of Way			Work Order			
Project						
Northing 1162479.400	Easting 496556.477	Elevation				
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy				

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							11066 (1-7)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1162459.56/E.496765.19
21.3			RFJ Roots Fine Joint				J	12		
26.4			RFJ Roots Fine Joint				J	04		
44.4			RFJ Roots Fine Joint				J	08		
55.2			MMC Material change							VCP TO PVC
57.9			TF Tap Factory	6.000				02		
59.1			TF Tap Factory	6.000				10		
61.3			RFJ Roots Fine Joint				J	08		
61.3			MMC Material change							PVC TO VCP
63.5			TFC Tap Factory Capped	1.000				00		
68.3			JOM Joint Offset Medium							
68.4			RFJ Roots Fine Joint				J	09		
73.4			RFJ Roots Fine Joint				J	08		
73.6			FM Fracture Multiple					05 07		
78.6			FM Fracture Multiple					02 05		
79.5			TB Tap Break-in	4.000				12		
83.6			RFJ Roots Fine Joint				J	03		
98.8			RFJ Roots Fine Joint				J	09		
103.9			RFJ Roots Fine Joint				J	10		
107.5			FL Fracture Longitudinal					12		
107.6			TBI Tap Break-in Intruding	4.000	1.000			12		
108.2			FL Fracture Longitudinal					01		
108.2			CL Crack Longitudinal					02		
118.6			RFJ Roots Fine Joint				J	12		
118.6			MMC Material change							VCP TO PVC
118.6			JOM Joint Offset Medium							
120.1			TF Tap Factory	6.000				12		
151.3			MMC Material change							PVC TO VCP

Tabular Report of PSR 1-8

X

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 45 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/17	Time 11:04	Street DENMARK DR
City ELLENTON	Further location details 1-8.1 189 DENMARK DR		
Start 11066 (1-7)	Rim to invert 2.40	Grade to invert	Rim to grade Ft
Finish 1-8	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 1-8.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 199.7 Ft	Length Surveyed 199.7
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162479.400	Easting 496556.477	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
%	JntFr	To	ImRef
Remarks			
151.3	JOM Joint Offset Medium		
161.1	RFJ Roots Fine Joint		J 03
166.3	RFJ Roots Fine Joint		J 12 12
171.2	RFJ Roots Fine Joint		J 09
176.4	RFJ Roots Fine Joint		J 12 12
181.4	RFJ Roots Fine Joint		J 03 09
186.6	RFJ Roots Fine Joint		J 12 12
191.3	RFJ Roots Fine Joint		J 12 12
196.4	RFJ Roots Fine Joint		J 12 12
198.7	TF Tap Factory	4.000	12
199.7	MGO General Observation		
199.7	AMH Manhole		
199.7	FH End of Survey		

199.7 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 19	Pipe Ratings Index 2.4	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 21	Pipe Ratings Index 1.1	Peak 3	Mean Pipe 0.1

Notes

LINE WAS ROOT CUT

Tabular Report of PSR CO 11846

Y

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 46 Surveyor TIM

Certificate # U-307-1521

System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/17	Time 12:35	Street DENMARK DR
City ELLENTON	Further location details CO 11846.1 200 DENMARK DRIVE		
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade Ft
Finish CO 11846	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO 11846.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 136.1	Year Cleaned 2012/04/17
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTH		Structural	O&M
Location Yard		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY 2012		Work Order	
Northing 1163038.685	Easting 496644.031	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST	Start of Survey						
0.0			AMH	Manhole						10421 (1-6-2)
0.0			MWL	Water Level		10				
0.0			MGO	General Observation						N.1162927.90/E.496560.81
12.6			TFC	Tap Factory Capped	4.000		09			
42.8			RFJ	Roots Fine Joint			J 09			
48.7			TF	Tap Factory	4.000		01			
48.7			RFC	Roots Fine Connection			03			
49.9			RFC	Roots Fine Connection			11			
50.2			TFD	Tap Factory Defective	4.000		11			50% BLOCKED W/ ROOTS
52.2			BSV	Broken Soil Visible			12 12			DUE TO TB
52.7			TB	Tap Break-in	4.000		01			
121.3			TF	Tap Factory	4.000		03			
122.9			TF	Tap Factory	4.000		11			
128.3			RFJ	Roots Fine Joint			J 08			
136.0			MGO	General Observation						N.1163038.685/E.496644.031
136.1			MMC	Material change						VCP TO PVC
136.1			MSC	Shape or Size Change	4.000					
136.1			MGO	General Observation						PIPE IS LATERAL TO REMAINING
136.1			AMH	Manhole						CO 11846
136.1			FH	End of Survey						

136.1 Ft Total Length Surveyed

Scores

Structural: Pipe Rating 5
O&M: Pipe Rating 6

Pipe Ratings Index 5
Pipe Ratings Index 1

Peak 5
Peak 2

Mean Pipe 0
Mean Pipe 0

Notes

LINE WAS ROOT CUT

Tabular Report of PSR 10421 (1-6-2)
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 47 Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/17	Time 13:33	Street DENMARK DR
City ELLENTON	Further location details 10421.1 200 DENMARK DR		
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade Ft
Finish 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 10421.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 204.6 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTH		Structural O&M Constructional Miscellaneous Hydraulic	
Location Easement/Right of Way		Work Order	
Project	Northing 1162927.90	Easting 496560.81	Elevation
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							10421 (1-6-2)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1162927.90/E.496560.81
1.5			FC Fracture Circumferential				12	12		
6.4			RFJ Roots Fine Joint				J	02	10	
7.7			CC Crack Circumferential					01	09	
11.4			RFJ Roots Fine Joint				J	03		
21.2			RFJ Roots Fine Joint				J	03		
26.1			RFJ Roots Fine Joint				J	09		
33.5			CC Crack Circumferential					12	12	
35.8			FM Fracture Multiple					12	12	
40.9			IW Infil Weeper					01		
41.6			TF Tap Factory	4.000				02		
44.5			TF Tap Factory	4.000				12		
53.2			CL Crack Longitudinal					06		
55.4			LD Alignment Down			10				
60.0			LU Alignment Up			10				
94.1			TF Tap Factory	4.000				01		
95.9			TF Tap Factory	4.000				11		
96.7			RFJ Roots Fine Joint				J	03		
101.5			RFJ Roots Fine Joint				J	09		
106.5			RFJ Roots Fine Joint				J	03		
151.2			RFJ Roots Fine Joint				J	09		
152.0			TF Tap Factory	4.000				02		
157.7			RFJ Roots Fine Joint				J	03		
158.4			TF Tap Factory	4.000				10		
164.1			RFJ Roots Fine Joint				J	03		
168.9			CM Crack Multiple					11	02	
184.2			RFJ Roots Fine Joint				J	09		
184.2			IW Infil Weeper					12		

Tabular Report of PSR 10421 (1-6-2)
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 47 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer		COLONY COVE			
P/O #		Date	2012/04/17	Time	13:33	Street	DENMARK DR
City	ELLENTON	Further location details 10421.1 200 DENMARK DR					
Start	10421 (1-6-2)	Rim to invert	3.30	Grade to invert		Rim to grade	Ft
Finish	11064 (1-6-1)	Rim to invert	3.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Down	Flow control		Media No	10421.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft		Total length	204.6
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose		Cat				Pressure	
Additional info SOUTH						Structural	O&M
Location Easement/Right of Way						Miscellaneous	Hydraulic
Project						Work Order	
Northing	1162927.90	Easting	496560.81	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)				GPS Accuracy			
Count	Video	CD	Code	In1	In2	% JntFr	To ImRef
194.2			RFJ Roots Fine Joint			J 01	
200.5			CC Crack Circumferential			12 12	
202.6			CC Crack Circumferential			12 12	
204.6			MGO General Observation				N.1162727.00/E.496573.75
204.6			AMH Manhole				11064 (1-6-1)
204.6			FH End of Survey				

204.6 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating	15	Pipe Ratings Index	1.9	Peak	4	Mean Pipe	0.1
O&M:	Pipe Rating	18	Pipe Ratings Index	1.1	Peak	3	Mean Pipe	0.1

Notes

LINE WAS ROOT CUT

Tabular Report of PSR CO 96085
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 48 Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/18	Time 10:11	Street ROTTERDAM AVE
City ELLENTON	Further location details CO96085.1 310 ROTTERDAM AVE		
Start 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Finish CO 96085	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO96085.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 109.5 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTH		Structural O&M Constructional Miscellaneous Hydraulic	
Location Easement/Right of Way		Work Order	
Project	Northing 1162625.857	Easting 496586.664	Elevation
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							11064 (1-6-1)
0.0			MWL Water Level			10				
6.2			MGO General Observation							N.1162727.00/E.496573.75
10.2			IW Infil Weeper				12			
11.4			TF Tap Factory	4.000			10			
11.4			FL Fracture Longitudinal				03			
12.7			TB Tap Break-in	4.000			01			
23.0			CM Crack Multiple				12	03		
42.8			IW Infil Weeper				03			
42.8			FL Fracture Longitudinal				04			
47.7			RFJ Roots Fine Joint			J	12	03		
63.8			TF Tap Factory	4.000			10			
65.5			TF Tap Factory	4.000			01			
65.8			RFJ Roots Fine Joint			J	08			
70.8			IW Infil Weeper				12			
75.6			IW Infil Weeper				12			
80.6			RFJ Roots Fine Joint			J	08	10		
85.3			IW Infil Weeper				01			
90.3			IW Infil Weeper				12			
100.2			IW Infil Weeper				10			
105.2			RFJ Roots Fine Joint			J	11			
106.3			TF Tap Factory	4.000			03			
107.8			TFC Tap Factory Capped	4.000			09			
109.1			TF Tap Factory	4.000			12			
109.5			MGO General Observation							N.1162625.857/E.496586.644
109.5			AMH Manhole							CO 96085
109.5			FH End of Survey							

109.5 Ft Total Length Surveyed

Tabular Report of PSR CO 96085
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 48 Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE					
P/O #	Date 2012/04/18	Time 10:11	Street ROTTERDAM AVE			
City ELLENTON	Further location details CO96085.1 310 ROTTERDAM AVE					
Start 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade	Ft		
Finish CO 96085	Rim to invert	Grade to invert	Rim to grade	Ft		
Use Sanitary	Direction Up	Flow control	Media No	CO96085.1		
Shape Circular	Height 6	Width	ins Preclean J	Year Cleaned	2012/04/18	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 109.5	Ft	Length Surveyed	109.5
Lining	Year laid	Year rehabilitated	Weather	Dry		
Purpose	Cat	Pressure				
Additional info SOUTH			Structural	O&M	Constructional	
Location Easement/Right of Way			Miscellaneous	Hydraulic		
Project	Work Order					
Northing 1162625.857	Easting 496586.664	Elevation				
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy					

Scores

Structural:	Pipe Rating 9	Pipe Ratings Index 3	Peak 3	Mean Pipe 0.1
O&M:	Pipe Rating 18	Pipe Ratings Index 1.5	Peak 2	Mean Pipe 0.2

Tabular Report of PSR CO EOL 31 (1-2-1) X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 49 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/18	Time 12:04	Street AMSTERDAM AVE
City ELLENTON	Further location details CO EOL 31.1 217 AMSTERDAM AVE		
Start 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish CO EOL 31 (1-2-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO EOL31.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 395.0 Ft	Length Surveyed 395.0
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163565.944	Easting 496935.981	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9031 (1-2-A)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163228.94/E.497150.50
17.8			TF Tap Factory	4.000			02			
53.2			FL Fracture Longitudinal				06			
53.3			FL Fracture Longitudinal				01			
54.2			TF Tap Factory	4.000			02			
54.4			FM Fracture Multiple				12	12		
84.4			RFJ Roots Fine Joint			J	11			
94.3			FM Fracture Multiple				06	09		
110.3			TF Tap Factory	4.000			01			
115.7			FM Fracture Multiple				05	07		
171.8			TF Tap Factory	4.000			01			
192.2			RFJ Roots Fine Joint			J	12			
192.2			IW Infil Weeper				12			
222.6			CL Crack Longitudinal				09			
224.8			CL Crack Longitudinal				08			
228.7			TF Tap Factory	4.000			02			
232.5			FM Fracture Multiple				08	12		
234.4			FM Fracture Multiple				04	07		
253.3			FL Fracture Longitudinal				08			
254.3			FM Fracture Multiple				03	09		
262.8			CL Crack Longitudinal				03			
285.6			TF Tap Factory	4.000			02			
285.9			FL Fracture Longitudinal				03			
309.2			CL Crack Longitudinal				09			
310.4			FL Fracture Longitudinal				03			
311.0			FM Fracture Multiple				08	03		
342.3			TF Tap Factory	4.000			02			
342.3			CL Crack Longitudinal				01			

Tabular Report of PSR CO EOL 31 (1-2-1) X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 49 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #	Date 2012/04/18	Time 12:04	Street AMSTERDAM AVE		
City ELLENTON	Further location details CO EOL 31.1 217 AMSTERDAM AVE				
Start 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft	
Finish CO EOL 31 (1-2-1)	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO EOL31.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft	Total length 395.0	Ft	Length Surveyed 395.0
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info NORTHWEST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163565.944	Easting 496935.981	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			
Count Video	CD Code	In1	In2	% JntFr To ImRef	Remarks
343.1	FL Fracture Longitudinal			04	
394.3	TF Tap Factory	4.000		02	
395.0	MGO General Observation				N.1163565.944/E.496935.981
395.0	AMH Manhole				CO EOL 31 (1-2-1)
395.0	FH End of Survey				

395.0 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 56	Pipe Ratings Index 3.1	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 4	Pipe Ratings Index 1.3	Peak 3	Mean Pipe 0

Tabular Report of PSR CO9038 (1-3-6) X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 50 Surveyor TIM Certificate # u-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/20	Time 8:25	Street HOLLAND AVE
City ELLENTON	Further location details 101 HOLLAND AVE		
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish CO9038 (1-3-6)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO9038
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 248.1 Ft	Length Surveyed 248.1
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTHEAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163891.66	Easting 496718.02	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9033 (1-3-5)
0.0			MGO General Observation							N. 1163763.77/E. 496503.04
26.8			TF Tap Factory	4.000			03			
27.5			CL Crack Longitudinal				10			
47.8			CL Crack Longitudinal				01			
52.0			RFJ Roots Fine Joint				J 09	03		
62.4			RFJ Roots Fine Joint				J 09			
67.2			RFJ Roots Fine Joint				J 09	03		
83.3			TF Tap Factory	4.000			03			
87.5			MWL Water Level			10				
104.8			FL Fracture Longitudinal				01			
143.9			FM Fracture Multiple				04	06		
145.4			TF Tap Factory	4.000			03			
145.4			JOM Joint Offset Medium							
195.3			TF Tap Factory	4.000			03			PARTIALLY BLOCKED
200.9			IW Infil Weeper				12			
205.7			IW Infil Weeper				12			
227.5			FL Fracture Longitudinal				12			
228.9			TF Tap Factory	4.000			12			
229.0			FL Fracture Longitudinal				12			
241.3			TF Tap Factory	4.000			03			
248.1			TF Tap Factory	4.000			12			
248.1			MGO General Observation							N. 1163891.66/E. 496718.02
248.1			AMH Manhole							CO9038 (1-3-6)
248.1			FH End of Survey							

248.1 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 18	Pipe Ratings Index 2.6	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 7	Pipe Ratings Index 1.4	Peak 2	Mean Pipe 0

Tabular Report of PSR CO 9039 (1-3-7) Y for COLONY COVE INITIAL CCTV SANITARY 201

Setup 51 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/20	Time 9:45	Street HOLLAND AVE
City ELLENTON	Further location details CO 9039.1 100 HOLLAND AVE		
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish CO 9039 (1-3-7)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO9039.1
Shape Circular	Height 6 Width ins	Preclean J	Year Cleaned 2012/04/20
Material Vitrified Clay Pipe	Joint length Ft	Total length 185.9 Ft	Length Surveyed 185.9
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTHWEST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163679.351	Easting 496339.883	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9033 (1-3-5)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163763.77/E.496503.04
27.3			FM Fracture Multiple				02	09		
28.8			RFC Roots Fine Connection				09			
28.8			TBD Tap Break-in Defective	4.000			10			75% BLOCKED W/ ROOTS
28.8			CL Crack Longitudinal				12			DUE TO TB
29.3			RFJ Roots Fine Joint				J	05		
29.5			FM Fracture Multiple				08	01		
29.5			RFB Roots Fine Barrel				04			FROM FRACTURE
31.0			TB Tap Break-in	4.000			12			
31.0			FS Fracture Spiral				07	11		
44.6			FL Fracture Longitudinal				12			
84.6			MMC Material change							VCP TO PVC
86.8			TF Tap Factory	6.000			09			
88.3			JSM Joint Separated Medium							
88.3			MMC Material change							PVC TO VCP
141.7			TF Tap Factory	4.000			J	10		
147.3			RFJ Roots Fine Joint				J	09		
152.5			FM Fracture Multiple				09	12		
156.9			RFJ Roots Fine Joint				J	04		
162.4			RFJ Roots Fine Joint				J	04		
167.1			RFJ Roots Fine Joint				J	03	09	
171.9			RFJ Roots Fine Joint				J	05		
177.8			TF Tap Factory	4.000			09			
178.5			RFJ Roots Fine Joint				J	12	12	
178.8			TF Tap Factory	4.000			03			
183.4			MMC Material change							VCP TO PVC
183.4			JSM Joint Separated Medium							
185.0			TF Tap Factory	4.000			12			

Tabular Report of PSR CO 9039 (1-3-7) Y for COLONY COVE INITIAL CCTV SANITARY 201

Setup 51 **Surveyor** TIM **Certificate #** U-307-1521 **System Owner** COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #		Date 2012/04/20	Time 9:45	Street HOLLAND AVE	
City ELLENTON	Further location details CO 9039.1 100 HOLLAND AVE				
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft	
Finish CO 9039 (1-3-7)	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No CO9039.1		
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/20	
Material Vitrified Clay Pipe	Joint length Ft	Total length 185.9	Ft	Length Surveyed 185.9	
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info SOUTHWEST			<div> <div>Structural</div> <div>Miscellaneous</div> </div> <div> <div>O&M</div> <div>Hydraulic</div> </div> <div> <div>Constructional</div> </div>		
Location Easement/Right of Way					
Project			Work Order		
Northing 1163679.351	Easting 496339.883	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			
Count Video	CD Code	In1	In2	% JntFr To ImRef	Remarks
185.9	AMH Manhole				CO 9039 (1-3-7)
185.9	FH End of Survey				
185.9	MGO General Observation				N.1163679.351/E.496339.883

185.9 Ft **Total Length Surveyed**

Scores

Structural:	Pipe Rating 22	Pipe Ratings Index 2.8	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 13	Pipe Ratings Index 1.2	Peak 4	Mean Pipe 0.1

Notes

LINE WAS ROOT CUT

Tabular Report of PSR CO96088
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 52
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #		Date 2012/04/20	Time 11:58	Street HOLLAND ST	
City ELLENTON		Further location details CO96088.1 109 HOLLAND ST.			
Start 9037 (1-3-5A)		Rim to invert 7.00	Grade to invert	Rim to grade	Ft
Finish CO96088		Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary		Direction Up	Flow control	Media No CO96088.1	
Shape Circular		Height 6	Width ins	Preclean J	Year Cleaned 2012/04/20
Material Vitrified Clay Pipe		Joint length	Ft	Total length 185.7	Ft Length Surveyed 185.7
Lining		Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		Pressure	
Additional info SOUTHWEST				Structural	O&M
Location Easement/Right of Way				Miscellaneous	Hydraulic
Project				Work Order	
Northing 1163509.238		Easting 496393.786		Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)				GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9037 (1-3-5A)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163598.73/E496557.31
17.0			IW Infil Weeper				12			
22.0			IW Infil Weeper				02			
23.0			TF Tap Factory	4.000			10			
24.5			TF Tap Factory	4.000			01			
40.0			IW Infil Weeper				12			
60.1			IW Infil Weeper				04	10		
64.1			CL Crack Longitudinal				09			
65.1			IW Infil Weeper				12			
66.1			TF Tap Factory	4.000			10			
66.4			CL Crack Longitudinal				09			
67.6			TF Tap Factory	4.000			02			
88.0			CL Crack Longitudinal				01			
88.1			IW Infil Weeper				12			
88.3			FM Fracture Multiple				07	01		
124.1			TF Tap Factory	4.000			10			
125.6			TF Tap Factory	4.000			02			
141.2			IW Infil Weeper				08			
162.2			TF Tap Factory	4.000			10			
163.8			TF Tap Factory	4.000			02			
169.4			IW Infil Weeper				12			
184.8			FM Fracture Multiple				12	12		
185.5			TB Tap Break-in	4.000			12			
185.7			MGO General Observation							N.1163509.238/E.496393.786
185.7			AMH Manhole							CO96088
185.7			FH End of Survey							

185.7 Ft Total Length Surveyed

Tabular Report of PSR CO96088
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 52 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE					
P/O #	Date 2012/04/20	Time 11:58	Street HOLLAND ST			
City ELLENTON	Further location details CO96088.1 109 HOLLAND ST.					
Start 9037 (1-3-5A)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft		
Finish CO96088	Rim to invert	Grade to invert	Rim to grade	Ft		
Use Sanitary	Direction Up	Flow control		Media No	CO96088.1	
Shape Circular	Height 6	Width	ins	Preclean J	Year Cleaned	2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft	Total length 185.7	Ft	Length Surveyed	185.7
Lining	Year laid	Year rehabilitated	Weather	Dry		
Purpose	Cat	Pressure				
Additional info SOUTHWEST			Structural	O&M	Constructional	
Location Easement/Right of Way			Miscellaneous	Hydraulic		
Project	Work Order					
Northing 1163509.238	Easting 496393.786	Elevation				
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy					

Scores

Structural:	Pipe Rating 14	Pipe Ratings Index 2.8	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 16	Pipe Ratings Index 1.8	Peak 2	Mean Pipe 0.1

Tabular Report of PSR CO96089
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 53
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE					
P/O #	Date 2012/04/20	Time 13:39	Street ROTTERDAM AVE			
City ELLENTON	Further location details CO96089.1 201 ROTTERDAM AVE					
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft		
Finish CO96089	Rim to invert	Grade to invert	Rim to grade	Ft		
Use Sanitary	Direction Up	Flow control	Media No	CO96089.1		
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/03/28	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 199.1	Ft	Length Surveyed	199.1
Lining	Year laid	Year rehabilitated	Weather	Dry		
Purpose	Cat	Pressure				
Additional info SOUTHWEST			Structural	O&M	Constructional	
Location Easement/Right of Way			Miscellaneous	Hydraulic		
Project			Work Order			
Northing 1163315.215	Easting 496384.081	Elevation				
Coordinate System US STATE PLANE1983 (NAD 1983)			GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9034 (1-3-8)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163412 36/E 496564.76
7.0			IW Infil Weeper				12			
11.7			IW Infil Weeper				09			
16.7			IW Infil Weeper				12			
21.9			IW Infil Weeper				12			
26.9			IW Infil Weeper				12			
37.9			TF Tap Factory	4.000			03			
39.4			TF Tap Factory	4.000			10			
40.0			MMC Material change							VCP TO PVC
40.0			JOL Joint Offset Large							
41.5			MMC Material change							PVC TO VCP
41.5			JSL Joint Separated Large							
45.0			IW Infil Weeper				12			
46.5			FM Fracture Multiple				04	08		
60.0			IW Infil Weeper				12			
65.0			IW Infil Weeper				12			
75.0			CL Crack Longitudinal				04			
85.0			IW Infil Weeper				12			
88.5			B Broken				04			
88.5			IW Infil Weeper				12			COMING FROM BROKEN PIPE
89.5			TB Tap Break-in	4.000			12			
101.2			TF Tap Factory	4.000			02			
102.5			TF Tap Factory	4.000			10			
108.2			IW Infil Weeper				12			
113.1			IW Infil Weeper				12			
118.1			IW Infil Weeper				03	09		
133.1			IW Infil Weeper				03	09		
150.8			FL Fracture Longitudinal				09			

Tabular Report of PSR CO96089
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 53
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #		Date 2012/04/20	Time 13:39	Street ROTTERDAM AVE	
City ELLENTON	Further location details CO96089.1 201 ROTTERDAM AVE				
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft	
Finish CO96089	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No CO96089.1		
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/03/28	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 199.1	Ft	Length Surveyed 199.1
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info SOUTHWEST			<div> <div>Structural</div> <div>Miscellaneous</div> </div> <div> <div>O&M</div> <div>Hydraulic</div> </div> <div> <div>Constructional</div> </div>		
Location Easement/Right of Way					
Project			Work Order		
Northing 1163315.215	Easting 496384.081	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			
Count Video	CD Code	In1	In2	% JntFr To ImRef	Remarks
152.0	TB Tap Break-in	4.000		12	
152.3	FL Fracture Longitudinal			02	
158.1	IW Infil Weeper			03 09	
163.2	CL Crack Longitudinal			07	
164.2	TF Tap Factory	4.000		02	
165.7	TFD Tap Factory Defective	4.000		10	90% BLOCKED
171.2	IW Infil Weeper			12	
181.2	IW Infil Weeper			12	
186.2	IW Infil Weeper			12	
196.3	IW Infil Weeper			12	
197.1	TF Tap Factory	4.000		11	
198.6	TFD Tap Factory Defective	4.000		12	100% BLOCKED
199.1	AMH Manhole				CO96089
199.1	FH End of Survey				
199.1	MGO General Observation				N.1163315.215/E.496384.081

199.1 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 21	Pipe Ratings Index 2.6	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 42	Pipe Ratings Index 1.8	Peak 2	Mean Pipe 0.2

Tabular Report of PSR CO69136 (1-3-10) X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 54 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/26	Time 8:16	Street EMDEN WAY
City ELLENTON	Further location details CO69136.1 200 EMDEN WAY		
Start 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade Ft
Finish CO69136 (1-3-10)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO69136.1
Shape Circular	Height 6 Width	ins Preclean J	Year Cleaned 2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft Total length 256.6 Ft	Length Surveyed 256.6
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTHWEST		Structural	O&M Constructional
Location Yard		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163130.922	Easting 496427.925	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9042 (1-3-9)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163254.72/E.496654.91
11.2			IW Infil Weeper					12		
21.2			IW Infil Weeper					01		
27.3			TFD Tap Factory Defective	4.000				10		100% BLOCKED BY ROOTS
37.8			RFJ Roots Fine Joint				J	10	12	
37.8			IW Infil Weeper					12		
42.8			IW Infil Weeper					10		
52.9			IW Infil Weeper					12		
67.9			IW Infil Weeper					11		
73.9			TF Tap Factory	4.000				02		
74.5			IW Infil Weeper					02	10	
84.3			IW Infil Weeper					12		
85.6			TFD Tap Factory Defective	4.000				10		50% BLOCKED
85.8			CL Crack Longitudinal					11		
91.0			IW Infil Weeper					12		
101.1			IW Infil Weeper					12		
126.0			IW Infil Weeper					02		
126.2			CL Crack Longitudinal					04		
131.0			IW Infil Weeper					08		
132.0			TFC Tap Factory Capped	4.000				02		
137.6			IW Infil Weeper					03	09	
143.0			RFJ Roots Fine Joint				J	08	03	
143.0			IW Infil Weeper					12		
143.7			TF Tap Factory	4.000				09		
169.2			IW Infil Weeper					12		
179.3			IW Infil Weeper					12		
189.1			IW Infil Weeper					12		
190.1			TF Tap Factory	4.000				03		

Tabular Report of PSR CO69136 (1-3-10) X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 54 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/26	Time 8:16	Street EMDEN WAY
City ELLENTON	Further location details CO69136.1 200 EMDEN WAY		
Start 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade
Finish CO69136 (1-3-10)	Rim to invert	Grade to invert	Rim to grade
Use Sanitary	Direction Up	Flow control	Media No CO69136.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 256.6
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTHWEST		Structural	O&M
Location Yard		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163130.922	Easting 496427.925	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
		%	JntFr To ImRef
			Remarks
200.6	IW Infil Weeper		11
201.7	TF Tap Factory	4.000	11
213.0	MGO General Observation		
222.1	IW Infil Weeper		12
223.1	TFC Tap Factory Capped	4.000	12
228.8	IW Infil Weeper		02
233.8	IW Infil Weeper		12
238.8	IW Infil Weeper		03
243.9	IW Infil Weeper		12
249.7	TFC Tap Factory Capped	4.000	03
255.5	IW Infil Weeper		12
256.3	TF Tap Factory	4.000	12
256.6	MGO General Observation		
256.6	AMH Manhole		
256.6	FH End of Survey		

256.6 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 4	Pipe Ratings Index 2	Peak 2	Mean Pipe 0
O&M:	Pipe Rating 54	Pipe Ratings Index 1.9	Peak 3	Mean Pipe 0.2

Tabular Report of PSR CO96086
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 55
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/04/26	Time 8:06	Street DENMARK DR.		
City ELLENTON	Further location details CO96086.1 208 DENMARK DR.				
Start 11845 (1-3-10)	Rim to invert	Grade to invert	Rim to grade	Ft	
Finish CO96086	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96086.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/26	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 97.0	Ft	Length Surveyed 97.0
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info SOUTHWEST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163090.98	Easting 496794.62	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							11845 (1-3-10)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163144.63/E.496873.16
0.0			MGO General Observation							PVC AT START
6.0			JOM Joint Offset Medium							
24.1			FL Fracture Longitudinal				10			
24.1			RFJ Roots Fine Joint				J	10		
54.0			RFJ Roots Fine Joint				J	10		
59.0			RFJ Roots Fine Joint				J	08	04	
60.0			MMC Material change							FROM PVC TO VCP
73.6			RFJ Roots Fine Joint				J	09	03	
78.7			RFJ Roots Fine Joint				J	08	05	
84.0			RFJ Roots Fine Joint				J	09	03	
87.8			MMC Material change							FROM VCP TO PVC
88.5			LU Alignment Up			10				
97.0			MGO General Observation							N.1163090.98/E.49674.62
97.0			AMH Manhole							CO96086
97.0			FH End of Survey							

97.0 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 4	Pipe Ratings Index 2	Peak 3	Mean Pipe 0
O&M:	Pipe Rating 7	Pipe Ratings Index 1	Peak 1	Mean Pipe 0.1

Tabular Report of PSR CO96071
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 56
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/04/26	Time 10:51	Street ALKMAAR ST		
City ELLENTON	Further location details CO96071.1 303 ALKMAAR ST				
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft	
Finish CO96071 (1-11-2-1)	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96071.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft	Total length 297.1	Ft	Length Surveyed 297.1
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat	Pressure			
Additional info NORTH			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1164561.402	Easting 497795.990	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							8863 (1-11-2)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1164293.90/E.498102.34
0.8			FM Fracture Multiple				12	12		
1.0			FL Fracture Longitudinal				12			
27.0			RFJ Roots Fine Joint				J	12		
33.0			TF Tap Factory	4.000				12		
68.9			CL Crack Longitudinal					04		
73.6			IW Infil Weeper					04		
84.4			TF Tap Factory	4.000				12		
135.0			RFJ Roots Fine Joint				J	05		
140.6			CC Crack Circumferential					12	04	
143.1			RFJ Roots Fine Joint				J	11		
143.2			TF Tap Factory	4.000				12		
155.4			RFJ Roots Fine Joint				J	04		
170.2			RFJ Roots Fine Joint				J	09		
181.1			MGO General Observation							ROOTS FROM CUTTING
200.5			FM Fracture Multiple					01	05	
202.2			FM Fracture Multiple					12	06	
202.4			TF Tap Factory	4.000				12		
203.9			RMJ Roots Medium Joint			10	J	09		AFTER ROOT CUTTING LINE
203.9			B Broken					04		
212.1			RFJ Roots Fine Joint				J	08		
220.8			RMB Roots Medium Barrel			20		06		
224.3			RTJ Roots Tap Joint			5	J	05		
228.3			CL Crack Longitudinal					06		
243.0			RFJ Roots Fine Joint				J	07		
252.7			CL Crack Longitudinal					07		
253.8			RFJ Roots Fine Joint				J	08		
262.9			FL Fracture Longitudinal					09		

Tabular Report of PSR CO96071
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 56 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/26	Time 10:51	Street ALKMAAR ST
City ELLENTON	Further location details CO96071.1 303 ALKMAAR ST		
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade Ft
Finish CO96071 (1-11-2-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO96071.1
Shape Circular	Height 6 Width	ins Preclean J	Year Cleaned 2012/04/26
Material Vitrified Clay Pipe	Joint length Ft	Total length 297.1 Ft	Length Surveyed 297.1
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTH		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164561.402	Easting 497795.990	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2 % JntFr To ImRef Remarks
269.0	TF Tap Factory	4.000	
274.5	IW Infil Weeper		
295.4	TF Tap Factory	4.000	
297.1	TF Tap Factory	4.000	
297.1	MGO General Observation		
297.1	MGO General Observation		
297.1	AMH Manhole		
297.1	FH End of Survey		

297.1 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 28	Pipe Ratings Index 2.8	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 21	Pipe Ratings Index 1.6	Peak 4	Mean Pipe 0.1

Notes

LINE WAS ROOT CUT

Tabular Report of PSR CO96072
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 57
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/04/27	Time 9:02	Street ALKMAAR ST.		
City ELLENTON	Further location details CO96072.1 319 ALKMAAR ST.				
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft	
Finish CO96072 (1-11-2-2)	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96072.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft	Total length 161.5	Ft	Length Surveyed 161.5
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat	Pressure			
Additional info SOUTH			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1164153.408	Easting 498162.887	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							8863 (1-11-2)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1164293.90/E.498102.34
7.2			RFJ Roots Fine Joint				J	03	09	
17.0			CL Crack Longitudinal					09		
18.0			TF Tap Factory	4.000				12		
38.4			CL Crack Longitudinal					05		
38.4			IW Infil Weeper					03	09	
43.4			IW Infil Weeper					12		
48.5			IW Infil Weeper					03		
63.4			CM Crack Multiple					02	03	
63.5			CL Crack Longitudinal					03		
73.7			FL Fracture Longitudinal					05		
79.6			TF Tap Factory	4.000				12		
121.1			TF Tap Factory	4.000				12		
160.9			MMC Material change							VCP TO PVC
161.5			MGO General Observation							N.1164153.408/E.498162.887
161.5			AMH Manhole							CO96072
161.5			FH End of Survey							

161.5 Ft Total Length Surveyed
Scores
Structural: Pipe Rating 12
Pipe Ratings Index 2.4
Peak 3
Mean Pipe 0.1
O&M: Pipe Rating 7
Pipe Ratings Index 1.8
Peak 2
Mean Pipe 0
Notes

LINE WAS ROOT CUT

Tabular Report of PSR CO EOL96070

X

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 58

Surveyor TIM

Certificate # U-307-1521

System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #	Date 2012/04/27	Time 10:04	Street ALKMAAR ST.		
City ELLENTON	Further location details COEOL96070.1 300 ALKMAAR ST.				
Start 8865 (1-1-13)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft	
Finish CO EOL96070 (1-1-14)	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96070.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft	Total length 118.0	Ft	Length Surveyed 118.0
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info NORTH			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1164467.153	Easting 497811.395	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							8865 (1-1-13)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1164361.54/E.497875.85
1.0			FM Fracture Multiple				12	12		
3.0			RFJ Roots Fine Joint				J	08		
3.1			FM Fracture Multiple				12	12		
3.5			TB Tap Break-in	4.000				02		
9.3			CL Crack Longitudinal					07		
9.3			MMC Material change							VCP TO PVC
25.0			MMC Material change							PVC TO VCP
34.6			IW Infil Weeper					09		
39.5			RFJ Roots Fine Joint				J	07		
44.5			IW Infil Weeper					10		
49.5			IW Infil Weeper					12		
50.5			TF Tap Factory	4.000				03		
85.5			RFJ Roots Fine Joint				J	02	05	
90.5			IW Infil Weeper					12		
106.2			TF Tap Factory	4.000				03		
111.7			IW Infil Weeper					12		
117.8			TF Tap Factory	4.000				12		
118.0			MGO General Observation							N.1164467.153/E.497811.395
118.0			AMH Manhole							CO EOL96070
118.0			FH End of Survey							

118.0 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 10	Pipe Ratings Index 3.3	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 13	Pipe Ratings Index 1.4	Peak 2	Mean Pipe 0.1

Notes

LINE WAS ROOT CUT

Tabular Report of PSR 8865 (1-1-13) X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 59 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #	Date 2012/04/27	Time 10:48	Street ALKMAAR ST.		
City ELLENTON	Further location details 8865.1 302 ALKMAAR ST.				
Start 8865 (1-1-13)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft	
Finish 8864 (1-11-1)	Rim to invert 7.40	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Down	Flow control		Media No 8865.1	
Shape Circular	Height 6	Width	ins Preclean J	Year Cleaned 2012/04/27	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 170.9	Ft	Length Surveyed 170.9
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat			Pressure	
Additional info SOUTH			<div> <div>Structural</div> <div>O&M</div> <div>Constructional</div> </div>		
Location Easement/Right of Way			<div> <div>Miscellaneous</div> <div>Hydraulic</div> </div>		
Project			Work Order		
Northing 1164361.54	Easting 497875.85	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							8865 (1-1-13)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1164361.54/E.497875.85
10.5			FL Fracture Longitudinal					11		
10.8			FL Fracture Longitudinal					11		
20.6			RFJ Roots Fine Joint				J	01	04	
25.4			RFJ Roots Fine Joint				J	09	02	
28.1			FL Fracture Longitudinal					08		
29.8			RFB Roots Fine Barrel					08		
29.8			CM Crack Multiple					05	07	
45.2			RFJ Roots Fine Joint				J	12	03	
48.6			CL Crack Longitudinal					09		
49.8			FM Fracture Multiple					07	08	
50.2			RFJ Roots Fine Joint				J	12	12	
50.4			FM Fracture Multiple					05	08	
63.8			CL Crack Longitudinal					08		
70.2			CL Crack Longitudinal					05		
72.3			FM Fracture Multiple					07	04	
89.8			FM Fracture Multiple					12	12	
94.8			CL Crack Longitudinal					03		
159.4			CL Crack Longitudinal					11		
170.9			MGO General Observation							N.1164210.45/E.497959.52
170.9			AMH Manhole							8864 (1-11-1)
170.9			FH End of Survey							

170.9 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 38	Pipe Ratings Index 2.9	Peak 4	Mean Pipe 0.2
O&M:	Pipe Rating 6	Pipe Ratings Index 1.2	Peak 2	Mean Pipe 0

Notes

LINE WAS ROOT CUT DUE TO MH 8865 BEING SURCHARGED

Tabular Report of PSR CO96073
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 60
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/04/27	Time 12:10	Street DORDRECHT ST		
City ELLENTON	Further location details CO96073.1 220 DORDRECHT ST				
Start 8865 (1-1-13)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft	
Finish CO96073	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96073.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft	Total length 132.5	Ft	Length Surveyed 132.6
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat			Pressure	
Additional info WEST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1164298.274	Easting 497755.798	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)			GPS Accuracy		

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							8865 (1-1-13)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1164361.54/E.497875.85
1.0			FC Fracture Circumferential				12	12		
5.0			RFJ Roots Fine Joint				J	12	12	
11.6			RFJ Roots Fine Joint				J	12	12	
16.3			MMC Material change							VCP TO PVC
22.3			MMC Material change							PVC TO VCP
26.6			RFJ Roots Fine Joint				J	12	12	
32.6			TF Tap Factory	4.000			10			
38.0			IW Infil Weeper				12			
82.5			IW Infil Weeper				12			
87.4			IW Infil Weeper				12			
93.6			TF Tap Factory	4.000			10			
98.9			IW Infil Weeper				12			
123.5			RFJ Roots Fine Joint				J	12	03	
129.3			TF Tap Factory	6.000			03			
130.9			TF Tap Factory	4.000			09			
132.4			MGO General Observation							N.1164298.274/E.497755.798
132.5			AMH Manhole							CO96073
132.5			FH End of Survey							
132.6			TF Tap Factory	4.000			12			
132.6			MGO General Observation							DEBRIS IN LINE JETTER COULDN

132.6 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 2	Pipe Ratings Index 2	Peak 2	Mean Pipe 0
O&M:	Pipe Rating 12	Pipe Ratings Index 1.5	Peak 2	Mean Pipe 0.1

Notes

LINE WAS ROOT CUT

Tabular Report of PSR CO96065
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 61
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #	Date 2012/04/27	Time 13:31	Street HERLEEN AVE		
City ELLENTON	Further location details CO96065.1 201 N. UTRECHT ST				
Start 9017 (1-1-4)	Rim to invert 6.00	Grade to invert	Rim to grade	Ft	
Finish CO96065 (1-1-5)	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96065.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/27	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 40.9	Ft	Length Surveyed 40.9
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info EAST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163555.857	Easting 497426.917	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9017 (1-1-4)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163532.57/E.497397.47
12.4			RFJ Roots Fine Joint				J 08	11		
28.3			TF Tap Factory	4.000				02		
28.8			RFJ Roots Fine Joint				J 10			
29.8			TF Tap Factory	4.000				11		
35.4			RFJ Roots Fine Joint				J 12	12		
40.1			MMC Material change							VCP TP PVC
40.9			MGO General Observation							N.1163555.857/E.497426.917
40.9			MGO General Observation							MAP LENGTH 213.7
40.9			AMH Manhole							CO96065
40.9			FH End of Survey							

40.9 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 0	Pipe Ratings Index 0	Peak 0	Mean Pipe 0
O&M:	Pipe Rating 3	Pipe Ratings Index 1	Peak 1	Mean Pipe 0.1

Tabular Report of PSR CO9021
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 62
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #		Date 2012/04/27	Time 14:45	Street HERLEEN AVE	
City ELLENTON	Further location details CO9021.1 229 ENDHOVEN ST				
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade	Ft	
Finish CO9021	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No CO9021.1		
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/27	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 238.3	Ft	Length Surveyed 238.3
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info NORTHEAST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163523.636	Easting 497714.880	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9016
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163388.75/E.497510.81
11.6			IW Infil Weeper					10		
11.6			DAZ Deposits Attached Other			5		10		MINERAL DEPOSIT
27.6			TFD Tap Factory Defective	4.000				02		50% BLOCKED
28.2			IW Infil Weeper					01		
29.2			TF Tap Factory	4.000				11		
29.9			IW Infil Weeper					12		
29.9			DAZ Deposits Attached Other			5		09		MINERAL DEPOSIT
44.9			IW Infil Weeper					11		
65.2			IW Infil Weeper					02	10	
75.4			IW Infil Weeper					12		
86.3			TFD Tap Factory Defective	4.000				02		50% BLOCKED
86.8			RFJ Roots Fine Joint				J	01	05	
87.8			TF Tap Factory	4.000				10		
92.2			FM Fracture Multiple					07	10	
92.9			TB Tap Break-in	4.000				01		
92.9			FM Fracture Multiple					12	12	FROM BREAK-IN TAP
113.5			CL Crack Longitudinal					02		
123.4			RFJ Roots Fine Joint				J	04		
124.6			TF Tap Factory	4.000				12		
125.0			RMJ Roots Medium Joint			10	J	02	05	
126.0			TFD Tap Factory Defective	4.000				12		95% BLOCKED W/ ROOTS
146.5			RFJ Roots Fine Joint				J	05	07	
146.5			IW Infil Weeper					12		
166.3			IW Infil Weeper					01	10	
171.2			IW Infil Weeper					10		
177.3			TF Tap Factory	4.000				12		
178.9			TFC Tap Factory Capped	4.000				12		

Tabular Report of PSR CO9021
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 62 Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/27	Time 14:45	Street HERLEEN AVE
City ELLENTON	Further location details CO9021.1 229 ENDHOVEN ST		
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade Ft
Finish CO9021	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO9021.1
Shape Circular	Height 6 Width ins	Preclean J	Year Cleaned 2012/04/27
Material Vitrified Clay Pipe	Joint length Ft	Total length 238.3 Ft	Length Surveyed 238.3
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTHEAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163523.636	Easting 497714.880	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
		%	JntFr To ImRef
184.1	IW Infil Weeper		12
186.7	CL Crack Longitudinal		01
187.7	TB Tap Break-in	4.000	12
188.0	CS Crack Spiral		08 11
194.0	IW Infil Weeper		12
208.8	RFJ Roots Fine Joint		J 09
209.0	IW Infil Weeper		12
213.9	IW Infil Weeper		12
223.8	RFJ Roots Fine Joint		J 09
234.9	TFC Tap Factory Capped	4.000	12
236.5	TF Tap Factory	4.000	12
237.9	TF Tap Factory	4.000	12
238.3	MGO General Observation		N.1163523.636/E.497714.880
238.3	AMH Manhole		CO9021
238.3	FH End of Survey		

238.3 Ft Total Length Surveyed
Scores
Structural: Pipe Rating 14
Pipe Ratings Index 2.8
Peak 4
Mean Pipe 0.1
O&M: Pipe Rating 44
Pipe Ratings Index 1.7
Peak 4
Mean Pipe 0.2
Notes

LINE WAS ROOT CUT

Tabular Report of PSR CO96079
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 63
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/04/30	Time 9:26	Street AMELO AVE		
City ELLENTON	Further location details CO96079.1 211 AMELO AVE.				
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade	Ft	
Finish CO96079	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96079.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/30	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 92.8	Ft	Length Surveyed 92.8
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat	Pressure			
Additional info NORTHWEST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163470.215	Easting 497318.600	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							22875 (1-1)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163387.77/E.497377.53
2.0			TF Tap Factory	6.000			12			
7.5			MMC Material change							FROM PVC TO VCP
16.9			IW Infil Weeper				12			
31.8			IW Infil Weeper				10			
31.8			RFJ Roots Fine Joint				J 09			
38.2			TF Tap Factory	4.000			10			
38.3			RFJ Roots Fine Joint				J 09			
39.7			TF Tap Factory	4.000			02			
83.9			TBI Tap Break-in Intruding	4.000	1.000		10			
86.5			B Broken				09			
87.5			BSV Broken Soil Visible				12			
88.0			FM Fracture Multiple				12 12			
88.9			FC Fracture Circumferential				12 12			
90.9			TF Tap Factory	4.000			10			
92.5			TF Tap Factory	4.000			02			
92.8			MGO General Observation							N.1163470.215/E.497318.600
92.8			AMH Manhole							CO96079
92.8			FH End of Survey							

92.8 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 14	Pipe Ratings Index 3.5	Peak 5	Mean Pipe 0.2
O&M:	Pipe Rating 9	Pipe Ratings Index 1.8	Peak 3	Mean Pipe 0.1

Notes

Tabular Report of PSR CO96079
Y
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 63
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/30	Time 9:26	Street AMELO AVE
City ELLENTON	Further location details CO96079.1 211 AMELO AVE.		
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade
Finish CO96079	Rim to invert	Grade to invert	Rim to grade
Use Sanitary	Direction Up	Flow control	Media No CO96079.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 92.8
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163470.215	Easting 497318.600	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							22875 (1-1)
0.0			MWL Water Level			10				
2.0			TF Tap Factory	6.000			12			
7.5			MMC Material change							FROM PVC TO VCP
16.9			IW Infil Weeper				12			
31.8			IW Infil Weeper				10			
31.8			RFJ Roots Fine Joint				J 09			
38.2			TF Tap Factory	4.000			10			
38.3			RFJ Roots Fine Joint				J 09			
39.7			TF Tap Factory	4.000			02			
83.9			TBI Tap Break-in Intruding	4.000	1.000		10			
86.5			B Broken				09			
87.5			BSV Broken Soil Visible				12			
88.0			FM Fracture Multiple				12 12			
88.9			FC Fracture Circumferential				12 12			
90.9			TF Tap Factory	4.000			10			
92.5			TF Tap Factory	4.000			02			
92.8			MGO General Observation							N.1163470.215/E.497318.600
92.8			AMH Manhole							CO96079
92.8			FH End of Survey							

92.8 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 14	Pipe Ratings Index 3.5	Peak 5	Mean Pipe 0.2
O&M:	Pipe Rating 9	Pipe Ratings Index 1.8	Peak 3	Mean Pipe 0.1

Notes

LINE WAS CUT TO REMOVE BREAK-IN TAP
CAMERA WAS UNABLE TO WALK PAST BEFORE CUTTING

Tabular Report of PSR CO96081
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 64
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #	Date 2012/04/30	Time 10:15	Street AMELO AVE		
City ELLENTON	Further location details CO96081.1 210 AMELO AVE				
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft	
Finish CO96081	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96081.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft	Total length 139.7	Ft	Length Surveyed 139.7
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info NORTHWEST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163420.541	Easting 497168.813	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9029 (1-1)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163293.12/E.497239.82
7.0			IW Infil Weeper				10			
12.3			IW Infil Weeper				09			
22.5			CL Crack Longitudinal				05			
32.2			ISGT Intruding Sealing Grout			5	02	03		
33.0			TF Tap Factory	4.000			12			
58.4			IW Infil Weeper				12			
59.3			CL Crack Longitudinal				03			
63.2			FL Fracture Longitudinal				10			
69.2			CC Crack Circumferential				12	12		
69.2			FL Fracture Longitudinal				06			
73.0			FL Fracture Longitudinal				02			
77.8			FL Fracture Longitudinal				09			
83.6			TFD Tap Factory Defective	4.000			12			100% BLOCKED
84.2			FL Fracture Longitudinal				02			
88.9			RFJ Roots Fine Joint			J	02			
88.9			CL Crack Longitudinal				02			
94.0			FL Fracture Longitudinal				04			
97.5			FM Fracture Multiple				12	12		
103.8			FL Fracture Longitudinal				09			
108.2			FM Fracture Multiple				12	12		
112.1			FM Fracture Multiple				12	12		
113.7			FL Fracture Longitudinal				08			
118.6			FL Fracture Longitudinal				08			
122.6			FC Fracture Circumferential				12	12		
129.1			TF Tap Factory	4.000			12			
129.8			CL Crack Longitudinal				07			
131.0			FC Fracture Circumferential				12	12		

Tabular Report of PSR CO96081
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 64
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #	Date 2012/04/30	Time 10:15	Street AMELO AVE		
City ELLENTON	Further location details CO96081.1 210 AMELO AVE				
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft	
Finish CO96081	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No	CO96081.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned	2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft	Total length 139.7	Ft	Length Surveyed 139.7
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat	Pressure			
Additional info NORTHWEST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163420.541	Easting 497168.813	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			
Count Video	CD Code	In1	In2	% JntFr To	ImRef Remarks
134.7	IW Infil Weeper			12	
139.7	MGO General Observation				N.1163420.541/E.497168.813
139.7	AMH Manhole				CO96081
139.7	FH End of Survey				

139.7 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 52	Pipe Ratings Index 2.7	Peak 4	Mean Pipe 0.4
O&M:	Pipe Rating 13	Pipe Ratings Index 1.9	Peak 2	Mean Pipe 0.1

Tabular Report of PSR CO EOL 9015 X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 65 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #		Date 2012/04/30	Time 12:22	Street DEN HELDER AVE	
City ELLENTON	Further location details CO9015.1 327 DEN HELDER AVE				
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade	Ft	
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No CO9015.1		
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/30	
Material Vitrified Clay Pipe	Joint length Ft	Total length 298.4 Ft	Length Surveyed 298.4		
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info SOUTHEAST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163659.636	Easting 498174.107	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							9024 (1-1-19)
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163813.59/E.497928.47
7.0			CL Crack Longitudinal				09			
7.3			RFJ Roots Fine Joint				J 10			
7.8			CL Crack Longitudinal				09			
11.4			FC Fracture Circumferential				12 12			
28.1			TF Tap Factory	4.000			02			
29.7			TFC Tap Factory Capped	4.000			10			
35.2			ID Infil Dripper				12			
45.1			IW Infil Weeper				11			
50.0			IW Infil Weeper				01			
60.3			CM Crack Multiple				03 09			
65.3			CL Crack Longitudinal				03			
70.1			ID Infil Dripper				11			
70.2			CL Crack Longitudinal				09			
75.2			IW Infil Weeper				02			
80.2			IW Infil Weeper				12			
85.1			IW Infil Weeper				10			
90.3			FL Fracture Longitudinal				01			
91.1			TF Tap Factory	4.000			02			
91.3			FM Fracture Multiple				12 07			
91.9			FS Fracture Spiral				01 03			
92.8			TFC Tap Factory Capped	4.000			10			
98.2			IW Infil Weeper				12			
113.3			IW Infil Weeper				12			
118.3			ID Infil Dripper				12			
128.1			IW Infil Weeper				09			
133.1			IW Infil Weeper				02			
133.3			FM Fracture Multiple				05 07			

Tabular Report of PSR CO EOL 9015 X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 65 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/04/30	Time 12:22	Street DEN HELDER AVE
City ELLENTON	Further location details CO9015.1 327 DEN HELDER AVE		
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade Ft
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO9015.1
Shape Circular	Height 6	Width ins	Preclean J Year Cleaned 2012/04/30
Material Vitrified Clay Pipe	Joint length Ft	Total length 298.4 Ft	Length Surveyed 298.4
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTHEAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163659.636	Easting 498174.107	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2 % JntFr To ImRef Remarks
139.2	TF Tap Factory	4.000	02
140.8	TFC Tap Factory Capped	4.000	10
151.2	IW Infil Weeper		09
171.3	IW Infil Weeper		12
176.2	RFJ Roots Fine Joint		J 08 12
181.5	FM Fracture Multiple		04 08
186.7	FL Fracture Longitudinal		04
188.1	FC Fracture Circumferential		08 03
190.2	FC Fracture Circumferential		07 03
192.0	TF Tap Factory	4.000	02
193.6	TF Tap Factory	4.000	10
194.0	IW Infil Weeper		12
199.0	CL Crack Longitudinal		07
200.9	CL Crack Longitudinal		01
209.0	FL Fracture Longitudinal		09
214.4	FL Fracture Longitudinal		06
217.2	FM Fracture Multiple		05 10
218.5	IW Infil Weeper		12
218.6	FL Fracture Longitudinal		01
223.5	CL Crack Longitudinal		08
238.4	FL Fracture Longitudinal		04
241.7	FC Fracture Circumferential		07 04
243.2	RFJ Roots Fine Joint		J 07 12
253.9	TF Tap Factory	4.000	02
255.6	TFC Tap Factory Capped	4.000	11
260.9	IW Infil Weeper		02
276.8	TFC Tap Factory Capped	4.000	12
288.4	TF Tap Factory	4.000	12
298.4	MMC Material change		VCP TO CAS
298.4	IMO General Observation		N1163659.636/E498174.107
298.4	AMH Manhole		CO EOL 9015
298.4	FH End of Survey		

Tabular Report of PSR CO EOL 9015 X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 65 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Drainage		Survey Customer COLONY COVE			
P/O #		Date 2012/04/30	Time 12:22	Street DEN HELDER AVE	
City ELLENTON	Further location details CO9015.1 327 DEN HELDER AVE				
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade	Ft	
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Up	Flow control	Media No CO9015.1		
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/30	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 298.4	Ft	Length Surveyed 298.4
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info SOUTHEAST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163659.636	Easting 498174.107	Elevation			
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy			

298.4 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 62	Pipe Ratings Index 2.7	Peak 4	Mean Pipe 0.2
O&M:	Pipe Rating 40	Pipe Ratings Index 2	Peak 3	Mean Pipe 0.1

Tabular Report of PSR CO96064
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 66
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/04/30	Time 14:09	Street AMELAND ST		
City ELLENTON	Further location details CO96064.4 307 AMELAND ST				
Start CO96064A (1-39)	Rim to invert 5.70	Grade to invert	Rim to grade	Ft	
Finish 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Down	Flow control	Media No	CO96064.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/30	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 230.0	Ft	Length Surveyed 230.0
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat	Pressure			
Additional info EAST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163906.486	Easting 498112.229	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							CO96064
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1163906.486/E.498112.229
28.0			TF Tap Factory	4.000				12		
66.0			TF Tap Factory	4.000				09		
83.0			TF Tap Factory	4.000				12		
114.0			LL Alignment Left			45				
117.0			TF Tap Factory	4.000				03		
184.0			RFJ Roots Fine Joint				J	03		
188.0			MSC Shape or Size Change	8.000						
230.0			MGO General Observation							N.1164034.008/E.498338.244
230.0			AMH Manhole							96074 (1-1-25)
230.0			FH End of Survey							

230.0 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 0	Pipe Ratings Index 0	Peak 0	Mean Pipe 0
O&M:	Pipe Rating 5	Pipe Ratings Index 2.5	Peak 4	Mean Pipe 0

Notes

CLEAN-OUT WAS INSTALL TO ALLOW ACCES TO THIS LINE

Tabular Report of PSR 22875
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 67
Surveyor TIM
Certificate # U-307-1521
System Owner COLONY COVE

Drainage	Survey Customer COLONY COVE				
P/O #	Date 2012/05/01	Time 12:04	Street AMELO AVE		
City ELLENTON	Further location details 22875.1 219 AMELO AVE				
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade	Ft	
Finish LS 517 (1)	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Down	Flow control	Media No	22875.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned 2012/04/30	
Material Vitrified Clay Pipe	Joint length Ft	Total length 133.0	Ft	Length Surveyed 133.0	
Lining	Year laid	Year rehabilitated	Weather Dry		
Purpose	Cat	Pressure			
Additional info SOUTH			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163387.77	Easting 497377.53	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
-0.1			MGO General Observation							N.1163387.77/E.497377.53
0.0			ST Start of Survey							
0.0			AMH Manhole							22875
0.0			MWL Water Level			10				
2.0			FS Fracture Spiral					01	04	
11.6			CL Crack Longitudinal					10		
22.8			TF Tap Factory	4.000				10		
23.4			ID Infil Dripper					03		
23.4			IW Infil Weeper					10		
24.8			TF Tap Factory	4.000				02		
35.4			CL Crack Longitudinal					10		
42.9			CL Crack Longitudinal					01		
45.2			CL Crack Longitudinal					12		
51.5			TF Tap Factory	4.000				10		
51.9			CL Crack Longitudinal					02		
53.5			TF Tap Factory	4.000				02		
56.1			CC Crack Circumferential					09	03	
59.0			IW Infil Weeper					12		
64.1			FL Fracture Longitudinal					10		
66.1			FL Fracture Longitudinal					12		
68.9			CL Crack Longitudinal					10		
89.0			FM Fracture Multiple					02	10	
99.2			IW Infil Weeper					09		
109.1			CL Crack Longitudinal					10		
109.3			CL Crack Longitudinal					02		
109.4			ISGT Intruding Sealing Grout			5		11	01	
110.8			TEC Tap Factory Capped	8.000				09		
112.2			MMC Material change							VCP TO CAS
112.2		S01	SCP Surface Corrosion Metal Pipe					12	12	
124.3			MGO General Observation							N.1163270.82/E.497440.57
124.8			TF Tap Factory	4.000				12		

Tabular Report of PSR 22875
X
for COLONY COVE INITIAL CCTV SANITARY 201
Setup 67 **Surveyor** TIM **Certificate #** U-307-1521 **System Owner** COLONY COVE

Drainage		Survey Customer COLONY COVE	
P/O #	Date 2012/05/01	Time 12:04	Street AMELO AVE
City ELLENTON	Further location details 22875.1 219 AMELO AVE		
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Finish LS 517 (1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 22875.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 133.0	Ft Length Surveyed 133.0
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTH		<div> <div>Structural</div> <div>Miscellaneous</div> </div> <div> <div>O&M</div> <div>Hydraulic</div> </div> <div> <div>Constructional</div> </div>	
Location Easement/Right of Way		Work Order	
Project	Northing 1163387.77	Easting 497377.53	Elevation
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
%	JntFr	To	ImRef
Remarks			
133.0	F01	SCP	Surface Corrosion Metal Pipe
133.0		AMH	Manhole
133.0		FH	End of Survey

133.0 Ft **Total Length Surveyed**
Scores

Structural:	Pipe Rating 45	Pipe Ratings Index 2.5	Peak 4	Mean Pipe 0.3
O&M:	Pipe Rating 11	Pipe Ratings Index 2.2	Peak 5	Mean Pipe 0.1

**J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections**
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 1 of 8, Setups 1-9,

Setup 1 - 9 DVS PACP Tabular Inspections
Setup 1 - 9 DVS PACP Graphic Inspections
Setup 1 - 9 Reports
Setup 1 - 9 Still shots

**J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections**
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 2 of 8, Setups 10-17,

Setup 10 - 17 DVS PACP Tabular Inspections
Setup 10 - 17 DVS PACP Graphic Inspections
Setup 10 - 17 Reports
Setup 10 - 17 Still shots

**J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections**
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 3 of 8, Setups 18-22,

Setup 18 - 22 DVS PACP Tabular Inspections
Setup 18 - 22 DVS PACP Graphic Inspections
Setup 18 - 22 Reports
Setup 18 - 22 Still shots

**J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections**
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 4 of 8, Setups 23-36,

Setup 23 - 36 DVS PACP Tabular Inspections
Setup 23 - 36 DVS PACP Graphic Inspections
Setup 23 - 36 Reports
Setup 23 - 36 Still shots

**J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections**
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 5 of 8, Setups 37-50,

Setup 37 - 50 DVS PACP Tabular Inspections
Setup 37 - 50 DVS PACP Graphic Inspections
Setup 37 - 50 Reports
Setup 37 - 50 Still shots

J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 6 of 8, Setups 51-58,

Setup 51 - 58 DVS PACP Tabular Inspections
Setup 51 - 58 DVS PACP Graphic Inspections
Setup 51 - 58 Reports
Setup 51 - 58 Still shots

J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 7 of 8, Setups 59-66,

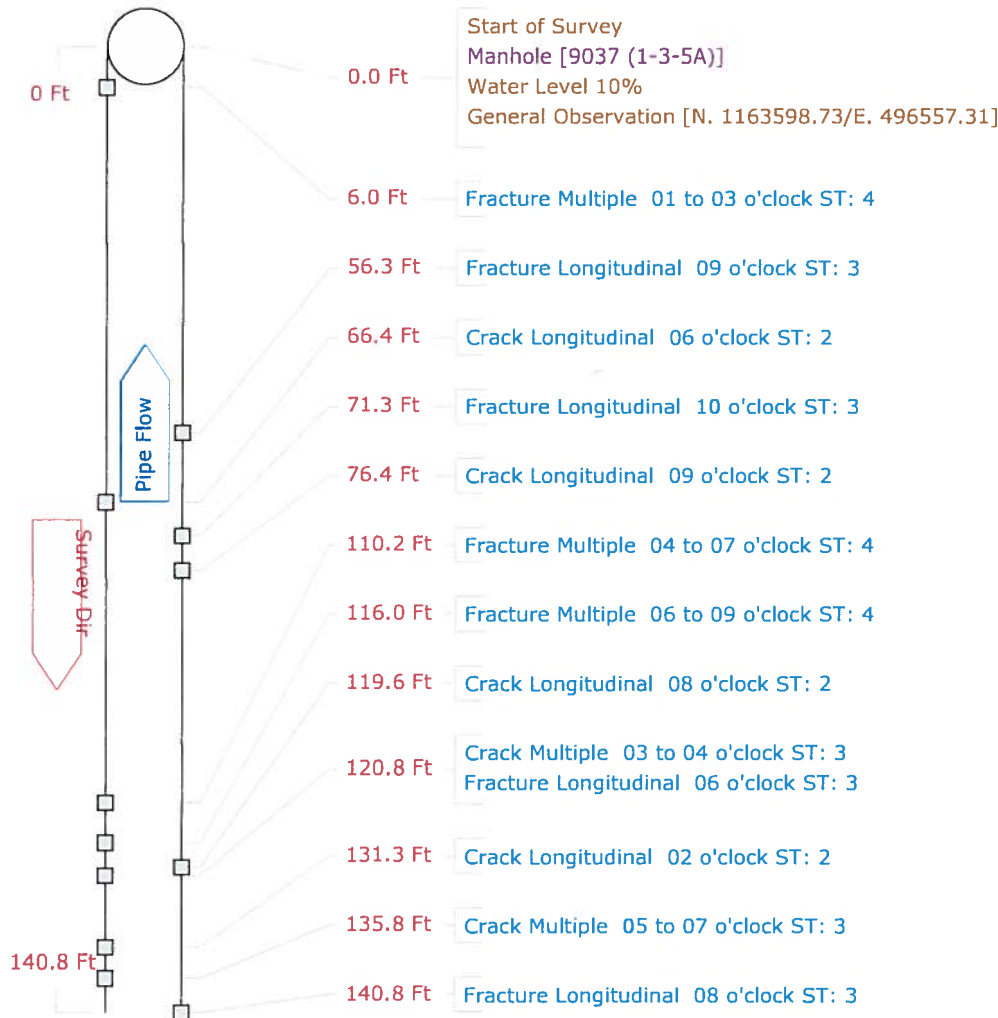
Setup 59 - 66 DVS PACP Tabular Inspections
Setup 59 - 66 DVS PACP Graphic Inspections
Setup 59 - 66 Reports
Setup 59 - 66 Still shots

J.T.V., Inc. / Manatee County Public Works - Project
Management Division. Sanitary Sewer Inspections
Blanket# P0802958, RO#B1201795
Colony Cove Phase 1 & 2, 3/28/12 & 5/01/12
DVS 8 of 8, Setups 67,

Setup 67 DVS PACP Tabular Inspections
Setup 67 DVS PACP Graphic Inspections
Setup 67 Reports
Setup 67 Still shots

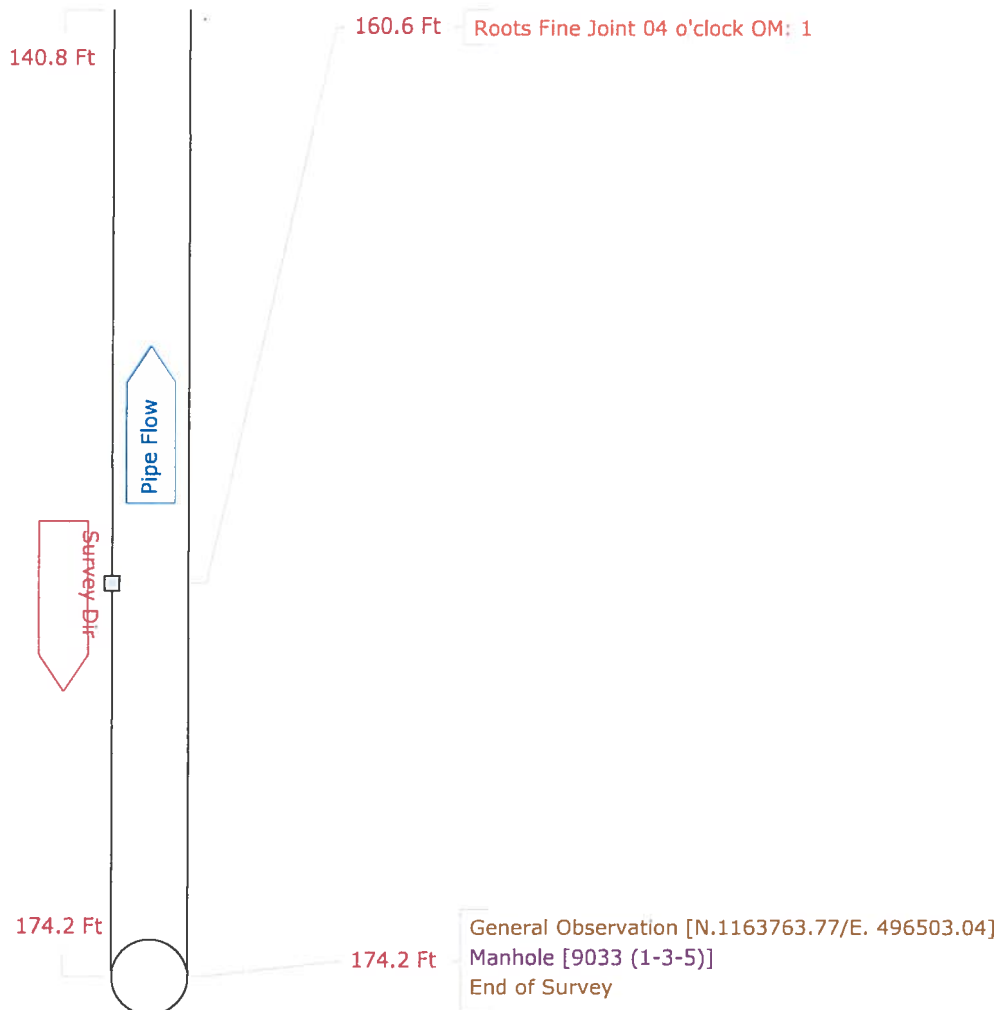
Pipe Graphic Report of PSR 9033 (1-3-5) Y for COLONY COVE INITIAL CCTV SANITAR

Setup 1	Surveyor TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer	COLONY COVE			
P/O #	Date 2012/03/28	Time 14:56	Street	HOLLAND ST	
City ELLENTON	Further location details	9033.1 106 HOLLAND ST.			
Start 9037 (1-3-5A)	Rim to invert	7.00	Grade to invert	Rim to grade	Ft
Finish 9033 (1-3-5)	Rim to invert	5.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9033.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned	2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft	Total length	174.2	Ft Length Surveyed 174.20
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose		Cat			
Additional info	NORTHWEST		Structural	O&M	Constructional
Location	Easement/Right of Way		Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163763.77	Easting 496503.04	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)	GPS Accuracy			



Pipe Graphic Report of PSR 9033 (1-3-5) Y for COLONY COVE INITIAL CCTV SANITARY

Setup 1	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/03/28	Time 14:56	Street HOLLAND ST
City ELLENTON	Further location details 9033.1 106 HOLLAND ST.		
Start 9037 (1-3-5A)	Rim to invert 7.00	Grade to invert	Rim to grade Ft
Finish 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9033.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/03/28
Material Vitrified Clay Pipe	Joint length Ft	Total length 174.2 Ft	Length Surveyed 174.20
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST		<div> <div>Structural</div> <div>O&M</div> <div>Constructional</div> </div>	
Location Easement/Right of Way		<div> <div>Miscellaneous</div> <div>Hydraulic</div> </div>	
Project		Work Order	
Northing 1163763.77	Easting 496503.04	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

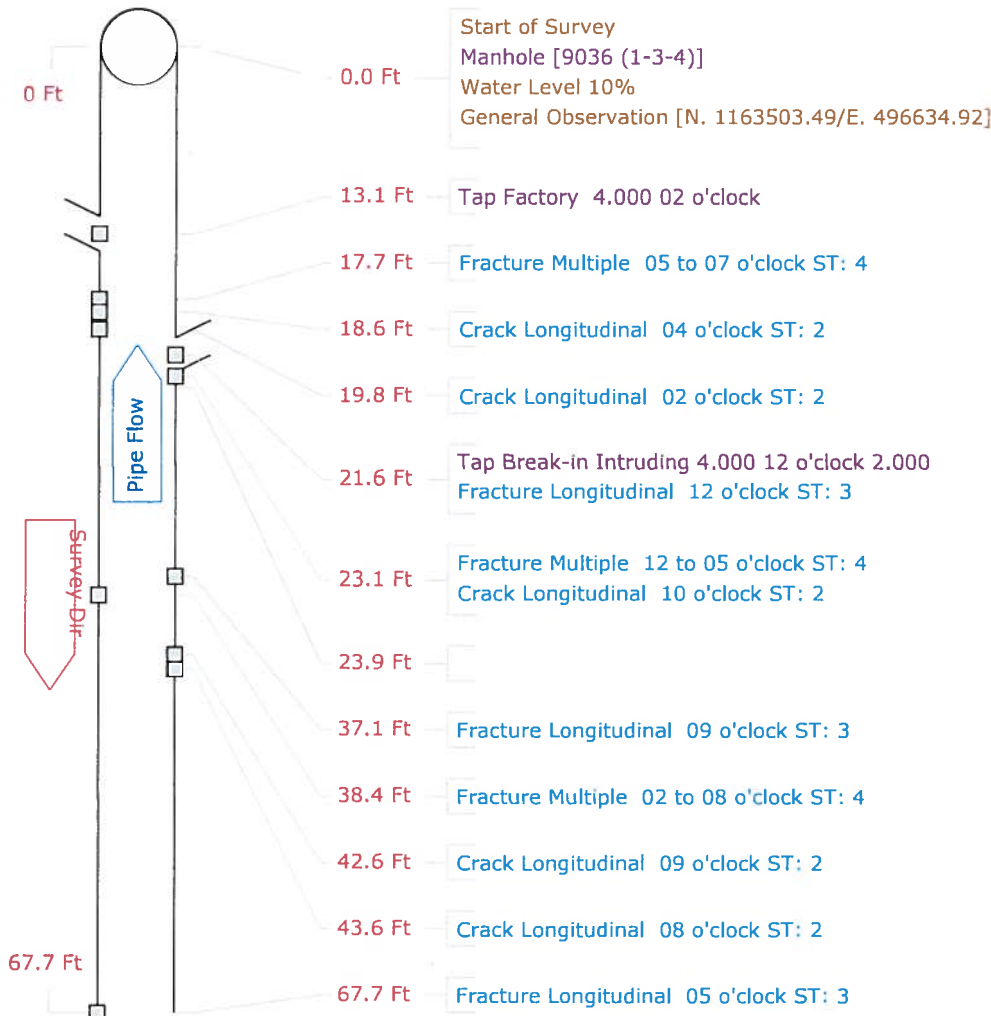


Pipe Graphic Report of PSR 9037 (1-3-5A)

Y

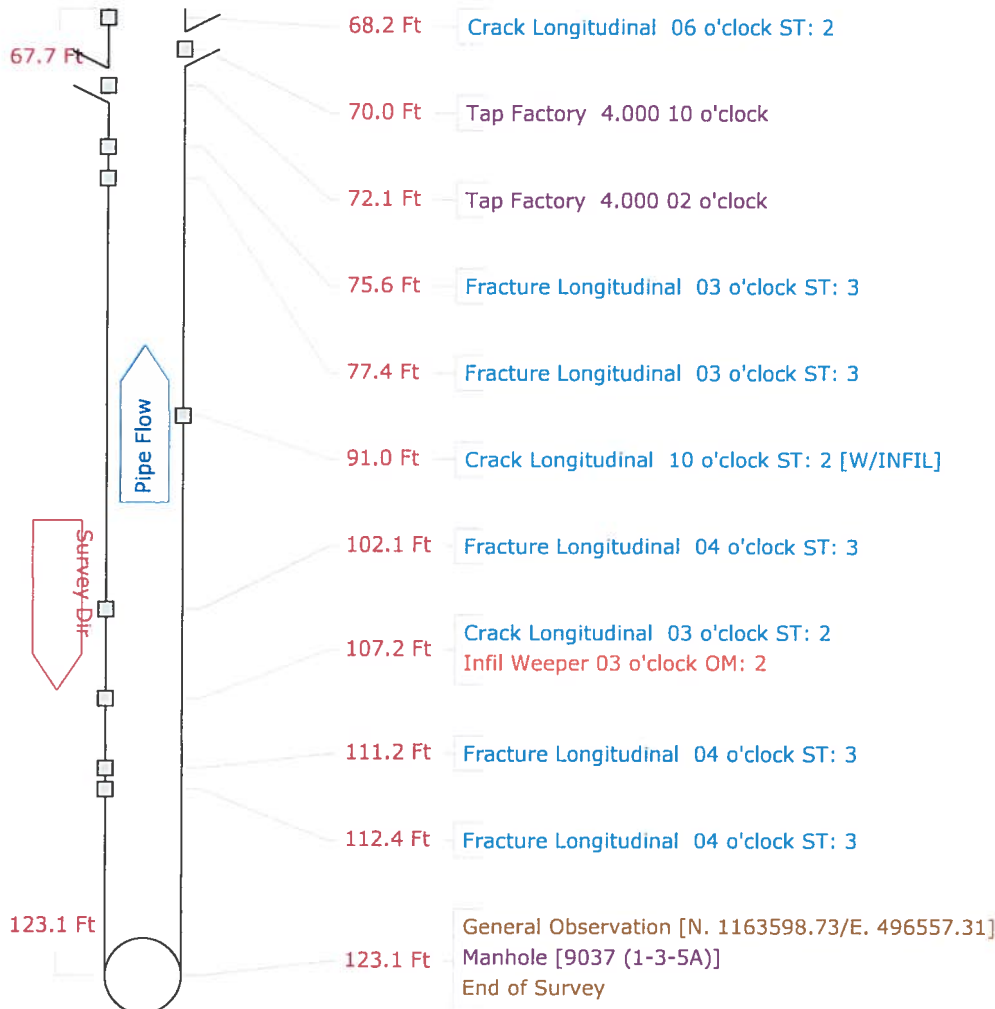
for COLONY COVE INITIAL CCTV SANITAR

Setup 2	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer		COLONY COVE			
P/O #	Date	2012/03/28	Time	10:30	Street	HOLLAND ST
City	ELLENTON	Further location details		9037.1 109 HOLLAND ST.		
Start	9036 (1-3-4)	Rim to invert	7.40	Grade to invert	Rim to grade	Ft
Finish	9037 (1-3-5A)	Rim to invert	7.00	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control	Media No	9037.1
Shape	Circular	Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	123.1	Ft
Lining		Year laid		Year rehabilitated		Weather
Purpose				Cat		Dry
Additional info	NORTHWEST			Structural	O&M	Constructional
Location	Easement/Right of Way			Miscellaneous	Hydraulic	
Project	Work Order					
Northing	1163598.73	Easting	496557.31	Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)1			GPS Accuracy		



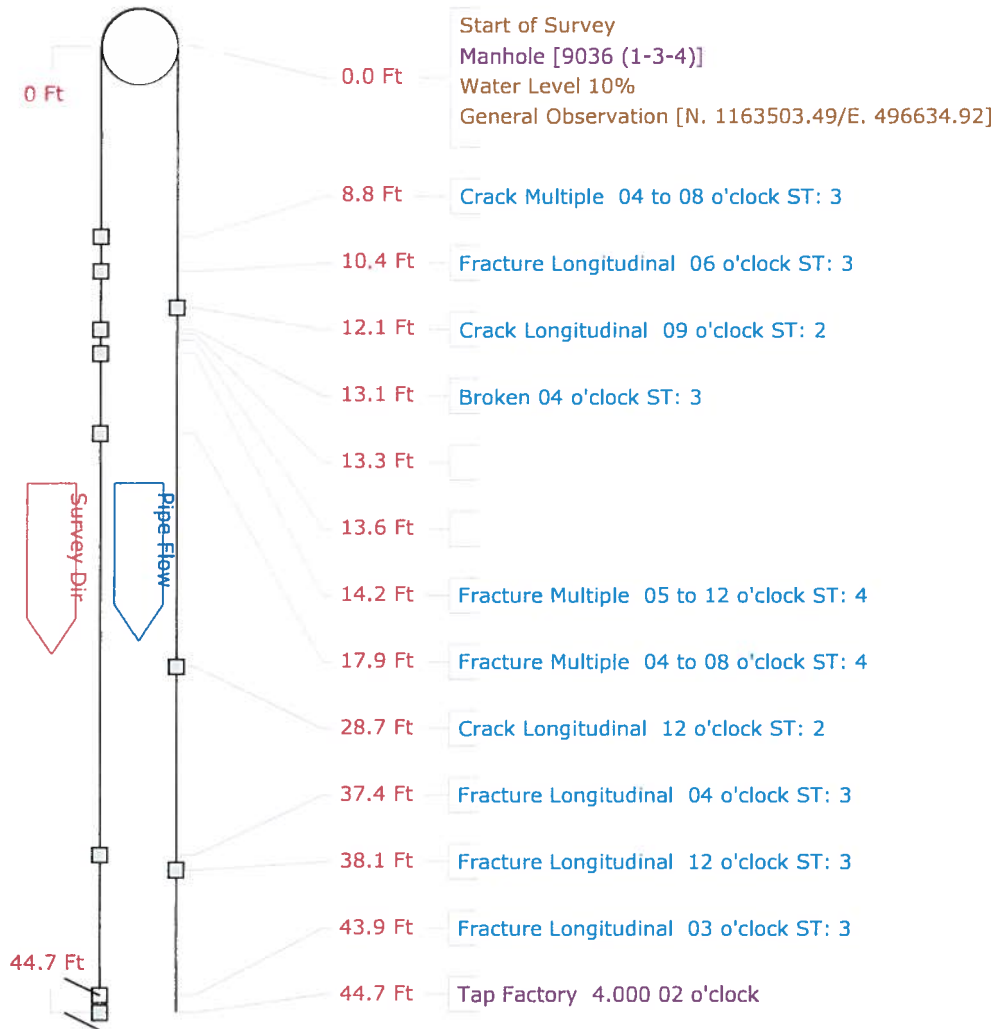
Pipe Graphic Report of PSR 9037 (1-3-5A) Y for COLONY COVE INITIAL CCTV SANITAR'

Setup 2	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer	COLONY COVE				
P/O #	Date	2012/03/28	Time	10:30	Street	HOLLAND ST
City	ELLENTON	Further location details	9037.1	109 HOLLAND ST.		
Start	9036 (1-3-4)	Rim to invert	7.40	Grade to invert	Rim to grade	Ft
Finish	9037 (1-3-5A)	Rim to invert	7.00	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control	Media No	9037.1
Shape	Circular	Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	123.1	Ft
Lining		Year laid		Year rehabilitated		Weather
Purpose				Cat		Dry
Additional info	NORTHWEST				Structural	O&M
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project						Constructional
Northing	1163598.73	Easting	496557.31	Elevation		Work Order
Coordinate System	US STATE PLANE1983 (NAD 1983)1			GPS Accuracy		



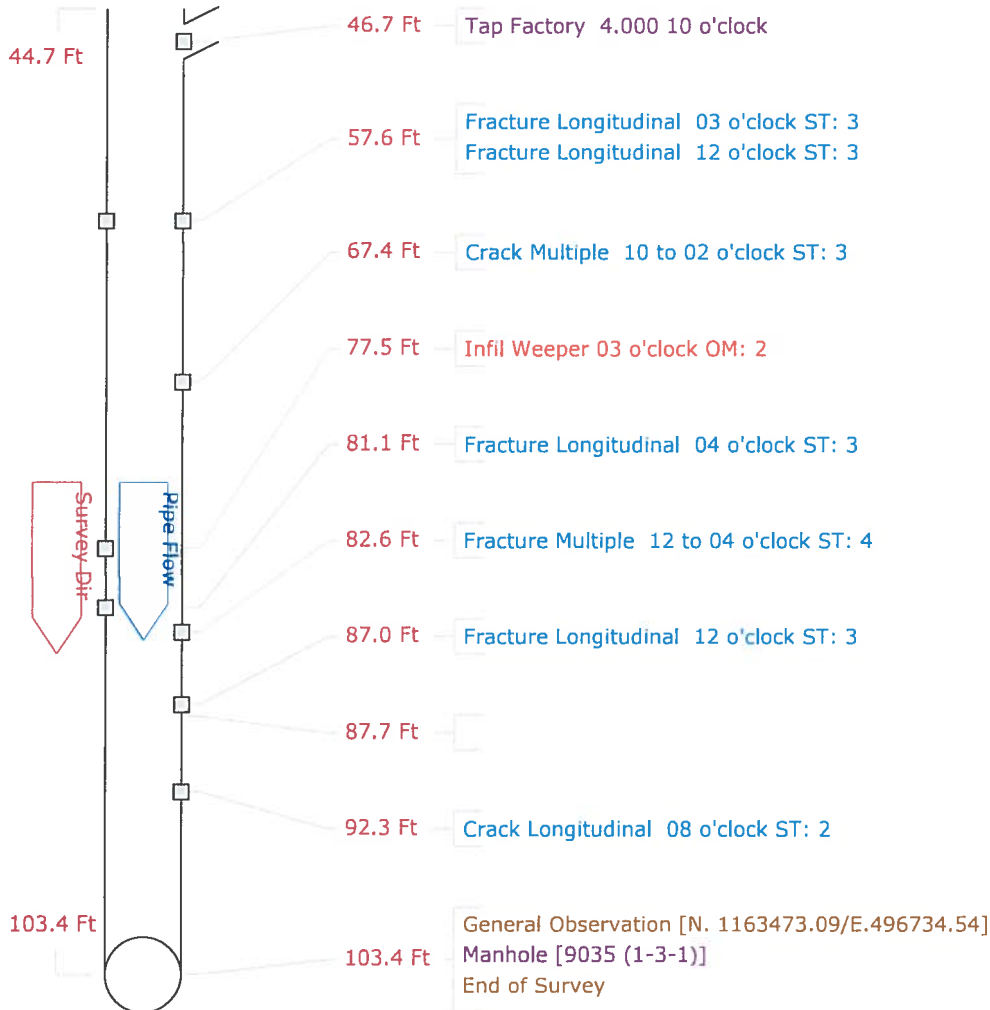
Pipe Graphic Report of PSR 9036 (1-3-4) Y for COLONY COVE INITIAL CCTV SANITAR

Setup 3	Surveyor TIM	Certificate #	U-307-1521	System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE			
P/O #	Date	2012/03/28	Time	2:06	Street	HOLLAND ST
City	ELLENTON		Further location details 9036.1 115 HOLLAND ST.			
Start	9036 (1-3-4)		Rim to invert	7.40	Grade to invert	Rim to grade Ft
Finish	9035 (1-3-1)		Rim to invert	6.70	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Downstream	Flow control	Media No 9036.1
Shape	Circular		Height	8	Width ins	Preclean J Year Cleaned 2012/03/28
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 103.4	Ft Length Surveyed 103.40
Lining			Year laid	Year rehabilitated	Weather	Dry
Purpose			Cat			
Additional info	SOUTHEAST				Structural	O&M Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project					Work Order	
Northing	1163503.49		Easting	496634.92		Elevation
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy	



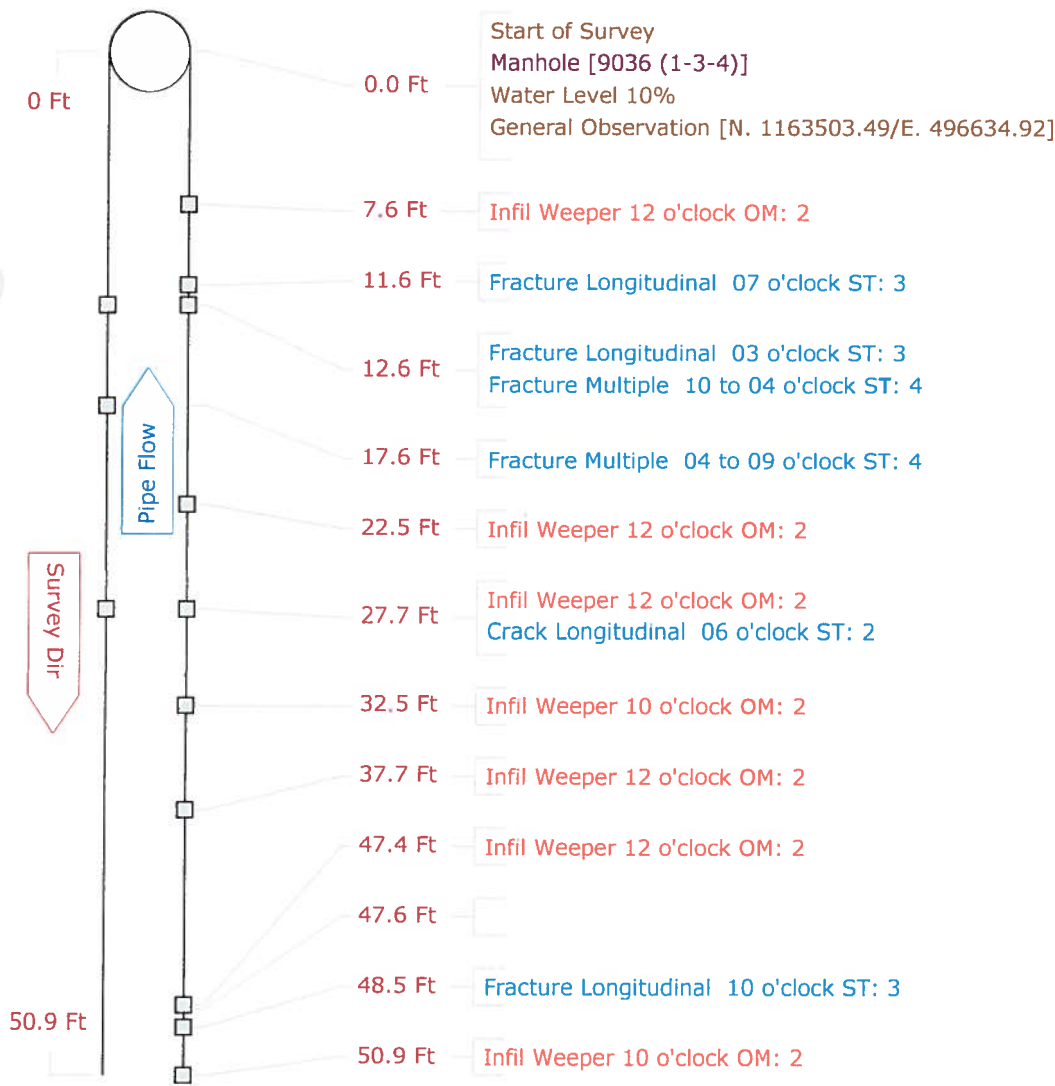
Pipe Graphic Report of PSR 9036 (1-3-4) Y for COLONY COVE INITIAL CCTV SANITAR'

Setup 3	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer		COLONY COVE			
P/O #	Date	2012/03/28	Time	2:06	Street	HOLLAND ST
City	ELLENTON	Further location details		9036.1 115 HOLLAND ST.		
Start	9036 (1-3-4)	Rim to invert	7.40	Grade to invert	Rim to grade	Ft
Finish	9035 (1-3-1)	Rim to invert	6.70	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control	Media No	9036.1
Shape	Circular	Height	8	Width	ins	Preclean J
					Year Cleaned	2012/03/28
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	103.4	Ft
					Length Surveyed	103.40
Lining		Year laid		Year rehabilitated	Weather	Dry
Purpose				Cat		
Additional info	SOUTHEAST			Structural		
Location	Easement/Right of Way			O&M		
				Miscellaneous		
Project				Hydraulic		
				Work Order		
Northing	1163503.49	Easting	496634.92	Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy		



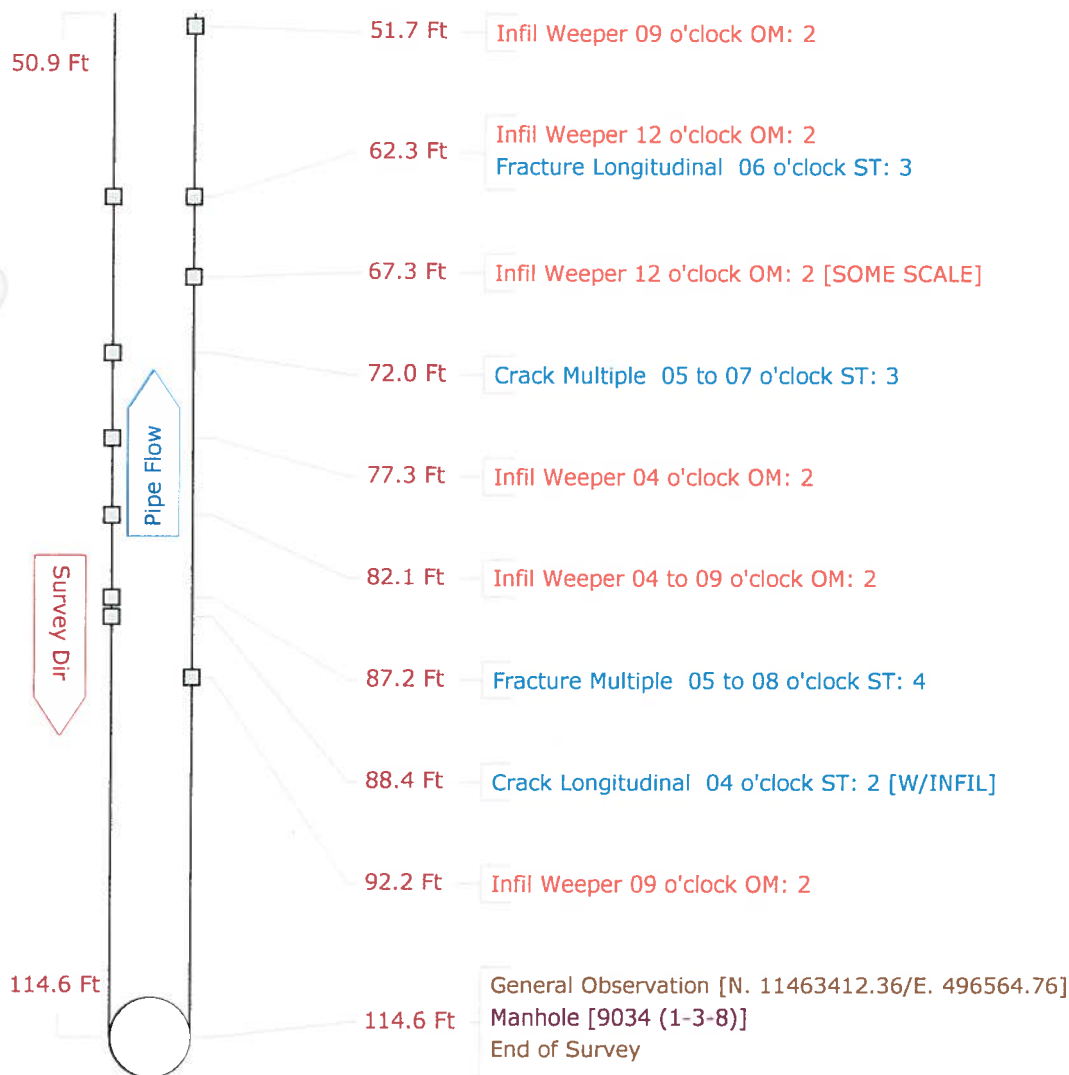
Pipe Graphic Report of PSR 9034 (1-3-8) Y for COLONY COVE INITIAL CCTV SANITAR

Setup 4	Surveyor TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE				
P/O #	Date	2012/03/28	Time	3:04	Street	HOLLAND ST	
City	ELLENTON		Further location details		9034.1 205 HOLLAND ST.		
Start	9036 (1-3-4)		Rim to invert	7.40	Grade to invert	Rim to grade	Ft
Finish	9034 (1-3-8)		Rim to invert	6.30	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 9034.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/03/28
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	114.6 Ft	Length Surveyed 114.60
Lining			Year laid	Year rehabilitated		Weather	Dry
Purpose			Cat				
Additional info	SOUTHWEST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project					Work Order		
Northing	1163412.36		Easting	496564.76		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



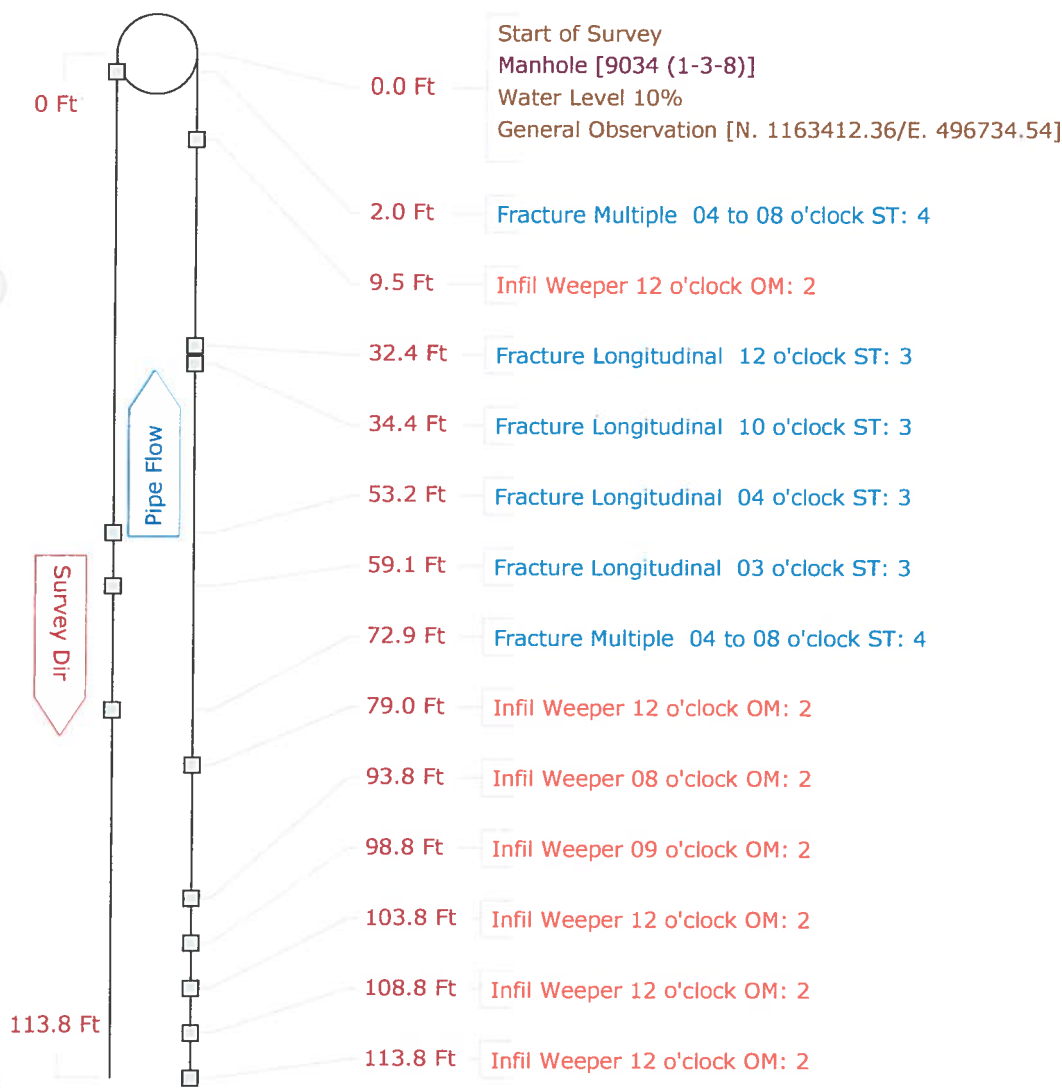
Pipe Graphic Report of PSR 9034 (1-3-8) Y for COLONY COVE INITIAL CCTV SANITARY

Setup 4	Surveyor TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE				
P/O #	Date	2012/03/28	Time	3:04	Street	HOLLAND ST	
City	ELLENTON		Further location details 9034.1 205 HOLLAND ST.				
Start	9036 (1-3-4)		Rim to invert	7.40	Grade to invert	Rim to grade	Ft
Finish	9034 (1-3-8)		Rim to invert	6.30	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 9034.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/03/28
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	114.6 Ft	Length Surveyed 114.60
Lining			Year laid	Year rehabilitated		Weather	Dry
Purpose			Cat				
Additional info	SOUTHWEST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	Work Order						
Northing	1163412.36		Easting	496564.76		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



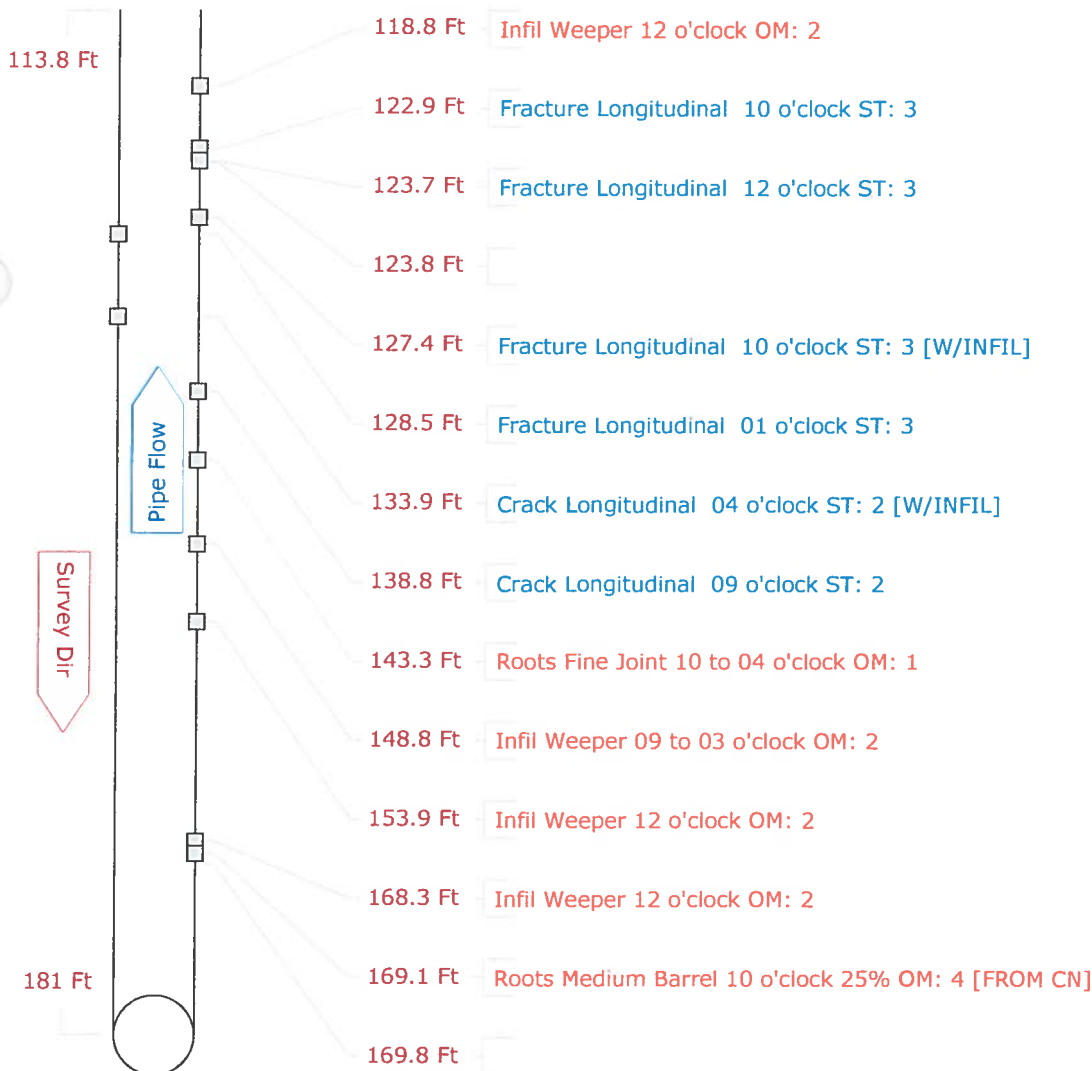
Pipe Graphic Report of PSR 9042 (1-3-9) X for COLONY COVE INITIAL CCTV SANITAR

Setup	5	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/03/28	Time	14:38	Street	EMDEN WAY
City	ELLENTON	Further location details	9042.1 210 EMDEN WAY				
Start	9034 (1-3-8)	Rim to invert	6.30	Grade to invert		Rim to grade	Ft
Finish	9042 (1-3-9)	Rim to invert	4.60	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	9042.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/03/28
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	181.0	Ft	Length Surveyed 170.00
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Constructional
Project						Hydraulic	
						Work Order	
Northing	1163254.72	Easting	496654.91	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



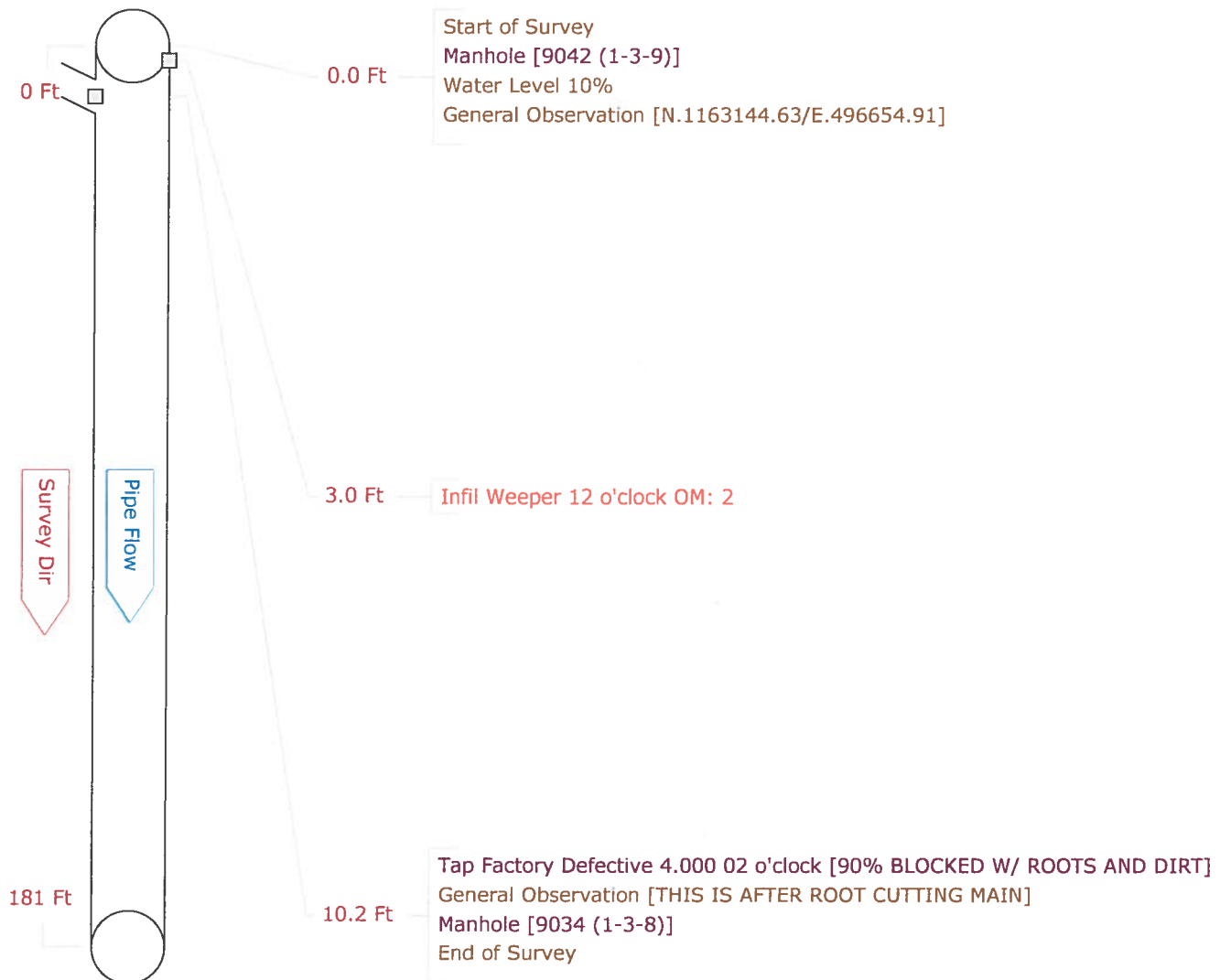
Pipe Graphic Report of PSR 9042 (1-3-9) X for COLONY COVE INITIAL CCTV SANITARY

Setup 5	Surveyor TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE				
P/O #	Date	2012/03/28	Time	14:38	Street	EMDEN WAY	
City	ELLENTON		Further location details		9042.1 210 EMDEN WAY		
Start	9034 (1-3-8)		Rim to invert	6.30	Grade to invert	Rim to grade	Ft
Finish	9042 (1-3-9)		Rim to invert	4.60	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 9042.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/03/28
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	181.0 Ft	Length Surveyed 170.00
Lining			Year laid	Year rehabilitated		Weather	Dry
Purpose			Cat				
Additional info	SOUTH				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project					Work Order		
Northing	1163254.72		Easting	496654.91		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



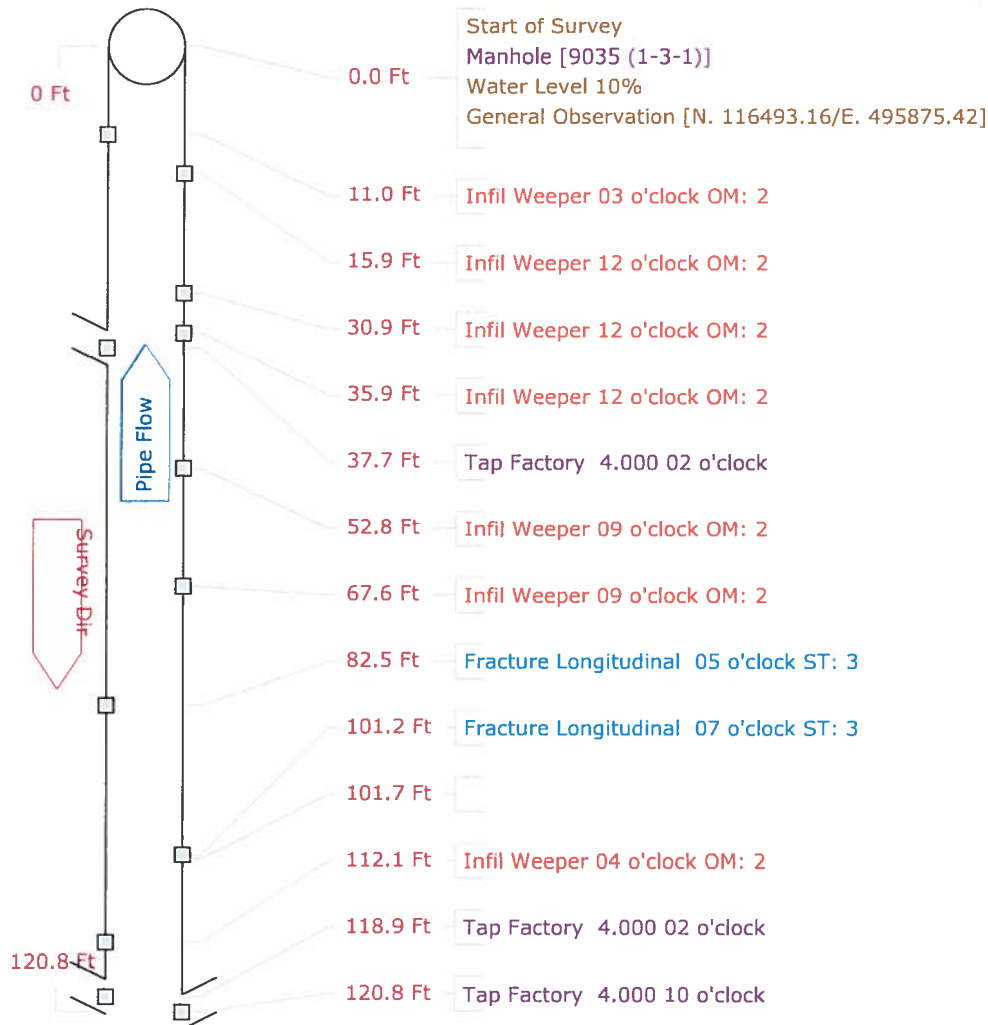
Pipe Graphic Report of PSR 9042 (1-3-9) Y for COLONY COVE INITIAL CCTV SANITARY

Setup 6	Surveyor TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer	COLONY COVE			
P/O #	Date	2012/03/28	Time	15:15	Street EMDEN WAY
City	ELLENTON	Further location details	9042.1	210 EMDEN WAY	
Start	9042 (1-3-9)	Rim to invert	4.60	Grade to invert	Rim to grade Ft
Finish	9034 (1-3-8)	Rim to invert	6.30	Grade to invert	Rim to grade Ft
Use	Sanitary	Direction	Downstream	Flow control	Media No 9042.1
Shape	Circular	Height	8	Width ins Preclean J	Year Cleaned 2012/03/28
Material	Vitrified Clay Pipe	Joint length	Ft	Total length 181.0 Ft	Length Surveyed 10.20
Lining		Year laid		Year rehabilitated	Weather Dry
Purpose			Cat		
Additional info	Reverse set up on sheet:5			Structural	O&M
Location	Easement/Right of Way			Miscellaneous	Hydraulic
Project	Work Order				
Northing	1163144.63	Easting	496654.91	Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy	



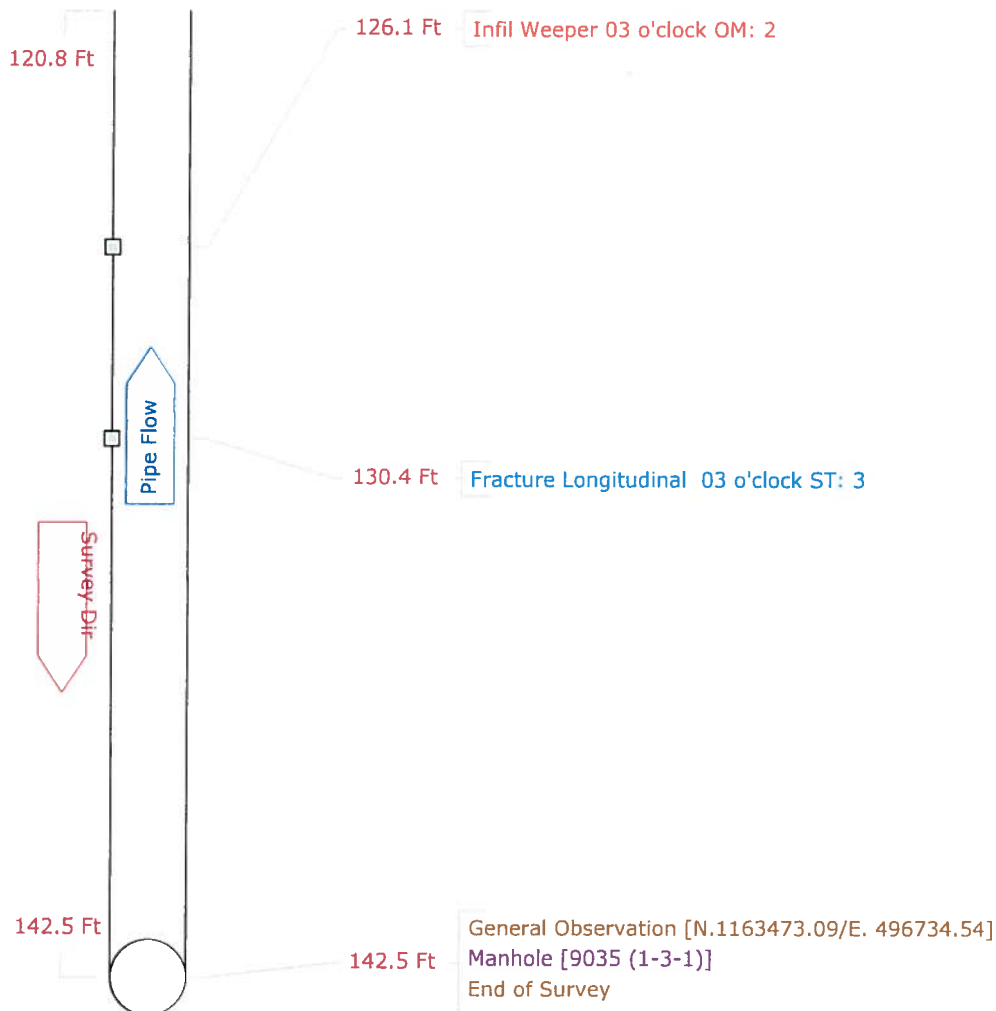
Pipe Graphic Report of PSR 9035 (1-3-1) X for COLONY COVE INITIAL CCTV SANITAR'

Setup 7	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/03/29	Time 9:36	Street HOLLAND ST
City ELLENTON	Further location details 9035.1 117 HOLLAND ST.		
Start 9040 (1-3-1C)	Rim to invert 7.60	Grade to invert	Rim to grade Ft
Finish 9035 (1-3-1)	Rim to invert 6.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9035.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 142.5	Year Cleaned 2012/03/29
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1163473.09	Easting 496734.54	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



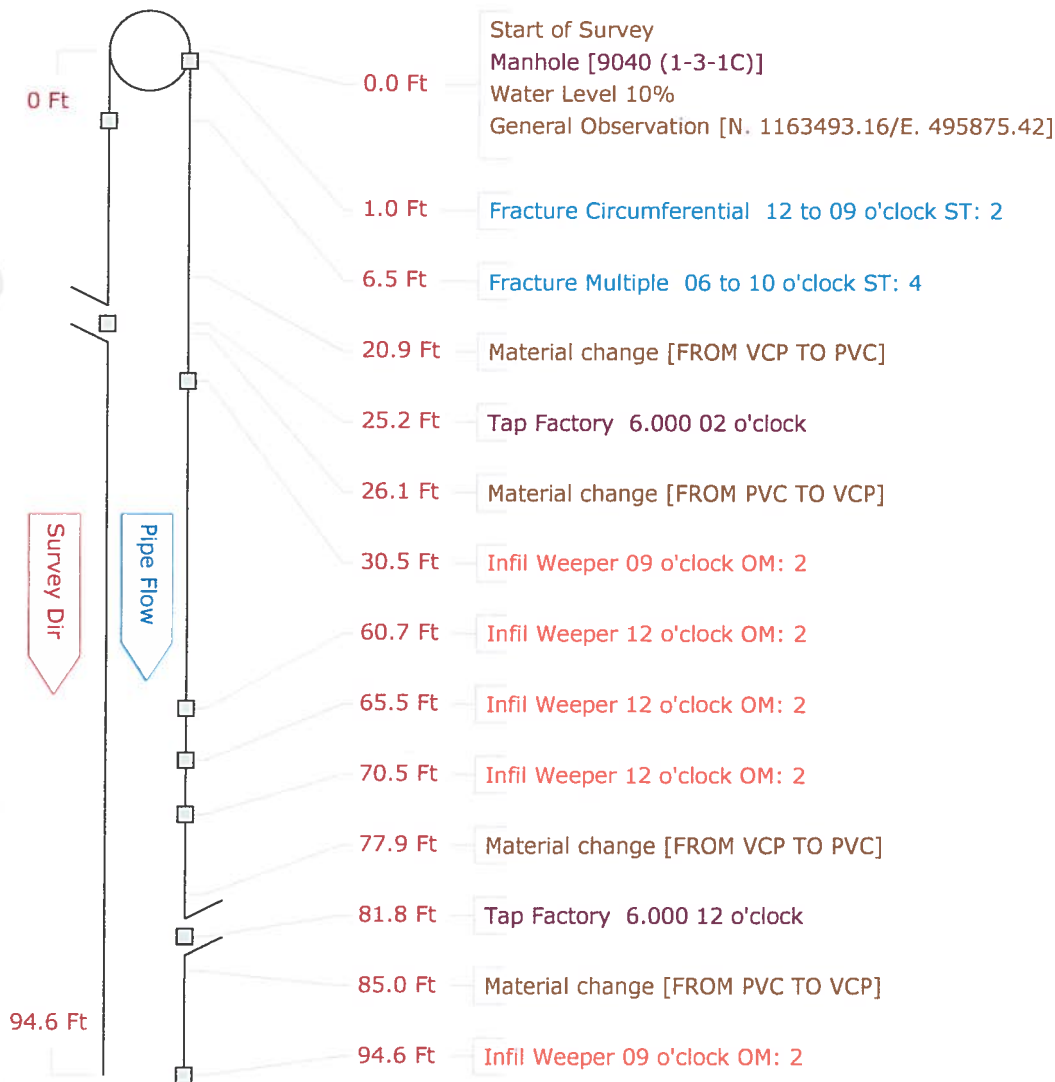
Pipe Graphic Report of PSR 9035 (1-3-1) X for COLONY COVE INITIAL CCTV SANITAR'

Setup 7	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/03/29	Time 9:36	Street HOLLAND ST
City ELLENTON	Further location details 9035.1 117 HOLLAND ST.		
Start 9040 (1-3-1C)	Rim to invert 7.60	Grade to invert	Rim to grade Ft
Finish 9035 (1-3-1)	Rim to invert 6.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9035.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 142.5	Ft Length Surveyed 142.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		<div>Structural</div> <div>O&M</div> <div>Constructional</div>	
Location Easement/Right of Way		<div>Miscellaneous</div> <div>Hydraulic</div>	
Project		Work Order	
Northing 1163473.09	Easting 496734.54	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



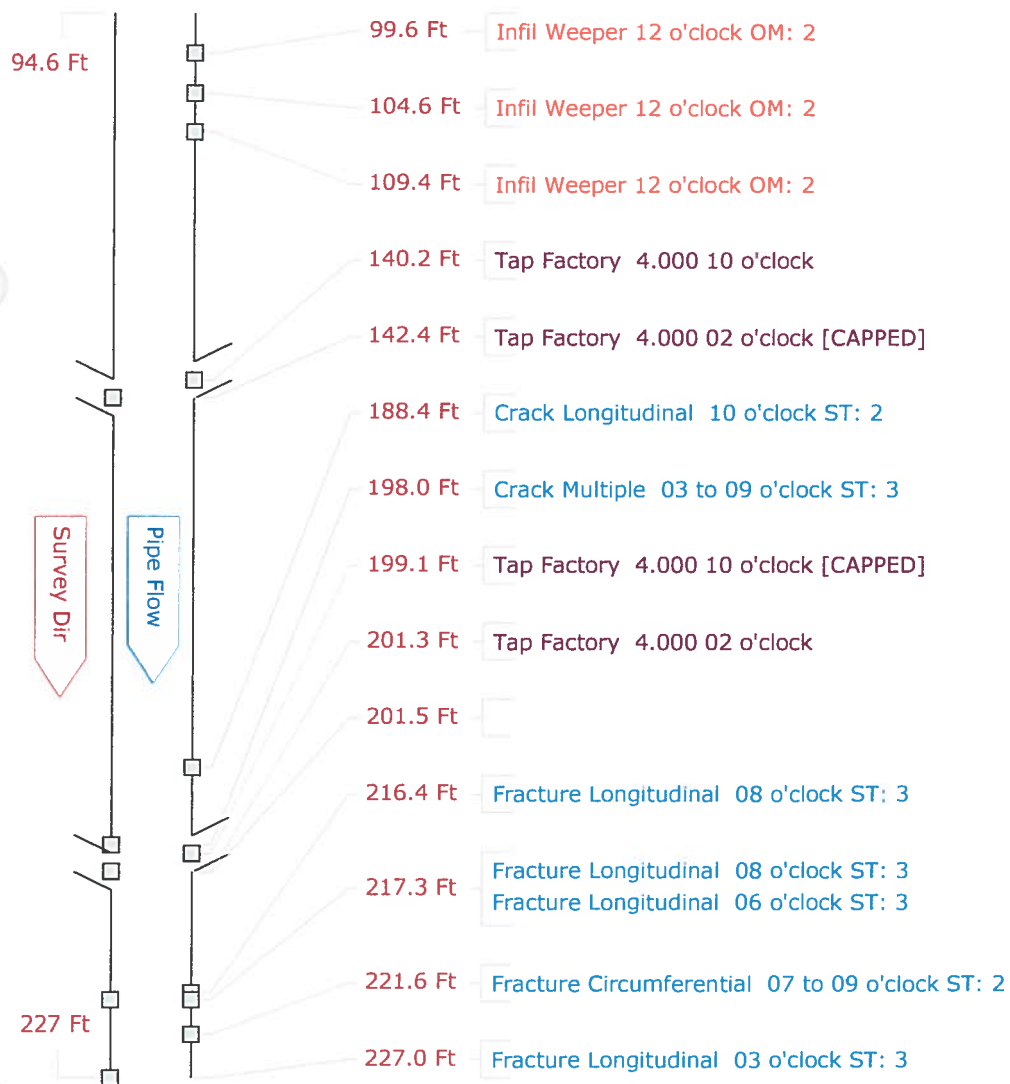
Pipe Graphic Report of PSR 9040 (1-3-1C) X for COLONY COVE INITIAL CCTV SANITARY

Setup 8	Surveyor TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE				
P/O #	Date	2012/03/29	Time	10:15	Street	HOLLAND ST	
City	ELLENTON		Further location details		9040.1 202 HOLLAND ST.		
Start	9040 (1-3-1C)		Rim to invert	7.60	Grade to invert	Rim to grade	Ft
Finish	9028 (1-3-B)		Rim to invert	5.70	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Downstream	Flow control	Media No	9040.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/03/29
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	287.9 Ft	Length Surveyed 287.90
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	SOUTH				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project					Work Order		
Northing	1163493.16		Easting	496875.42		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



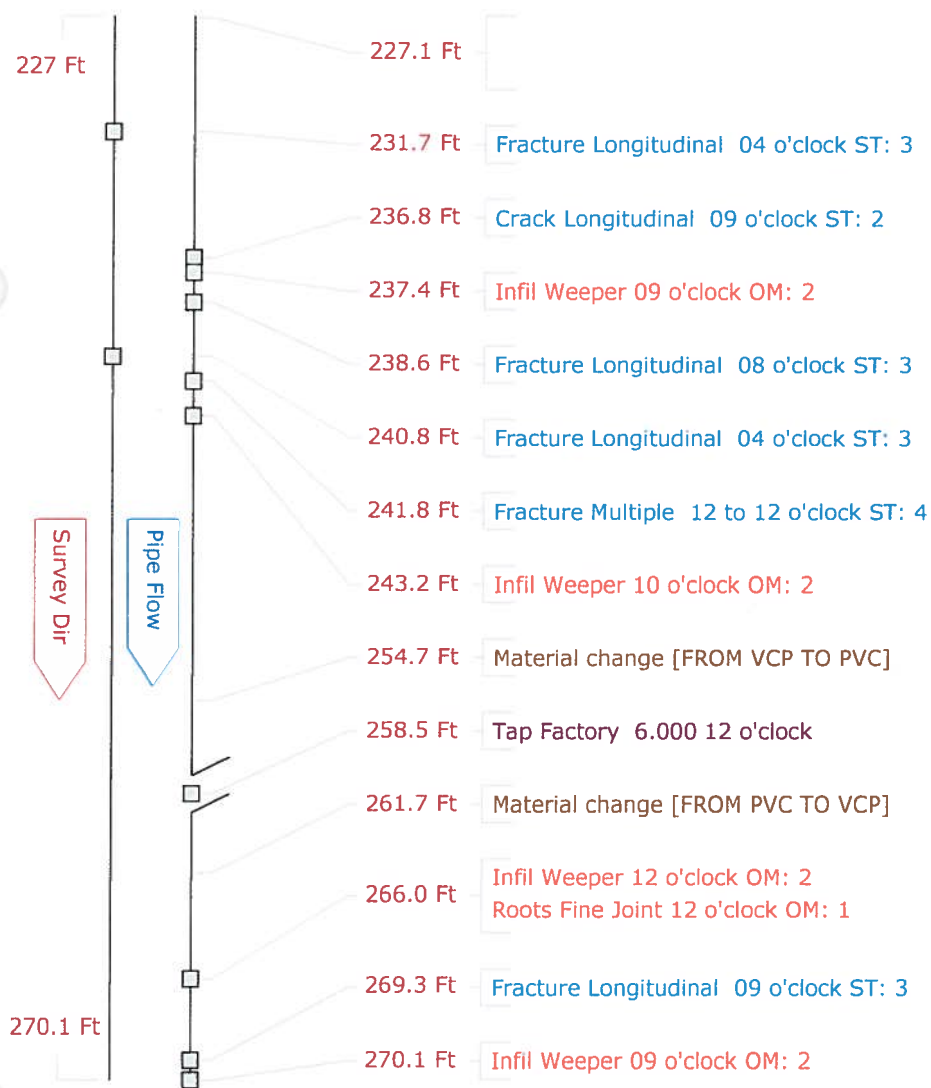
Pipe Graphic Report of PSR 9040 (1-3-1C) X for COLONY COVE INITIAL CCTV SANITARY

Setup	8	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/03/29	Time	10:15	Street	HOLLAND ST
City	ELLENTON	Further location details	9040.1 202 HOLLAND ST.				
Start	9040 (1-3-1C)	Rim to invert	7.60	Grade to invert		Rim to grade	Ft
Finish	9028 (1-3-B)	Rim to invert	5.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9040.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/03/29
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	287.9	Ft	Length Surveyed 287.90
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163493.16	Easting	496875.42	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



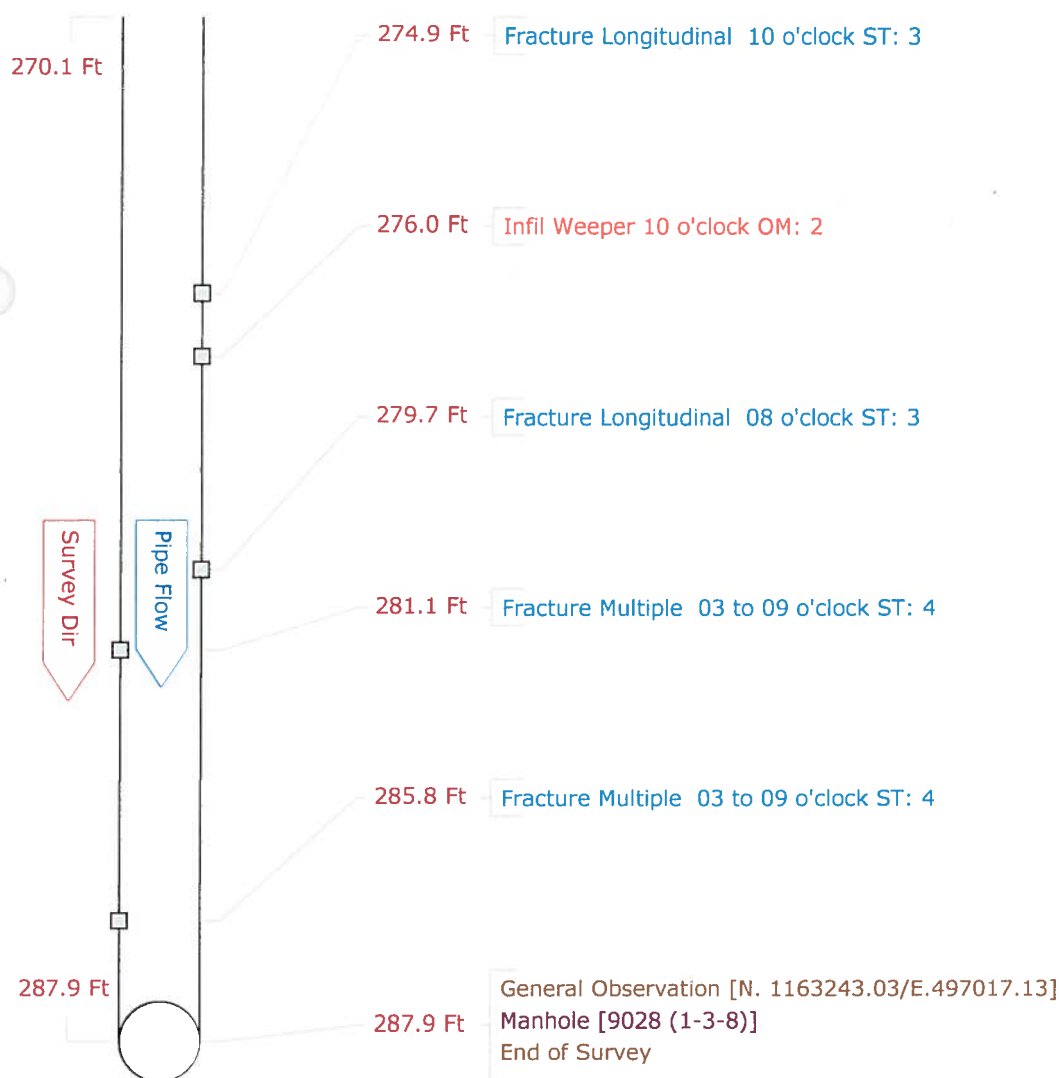
Pipe Graphic Report of PSR 9040 (1-3-1C) X for COLONY COVE INITIAL CCTV SANITAR

Setup	8	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/03/29	Time	10:15	Street	HOLLAND ST
City	ELLENTON	Further location details	9040.1 202 HOLLAND ST.				
Start	9040 (1-3-1C)	Rim to invert	7.60	Grade to invert		Rim to grade	Ft
Finish	9028 (1-3-B)	Rim to invert	5.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9040.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/03/29
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	287.9	Ft	Length Surveyed 287.90
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Constructional
Project						Hydraulic	
						Work Order	
Northing	1163493.16	Easting	496875.42	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



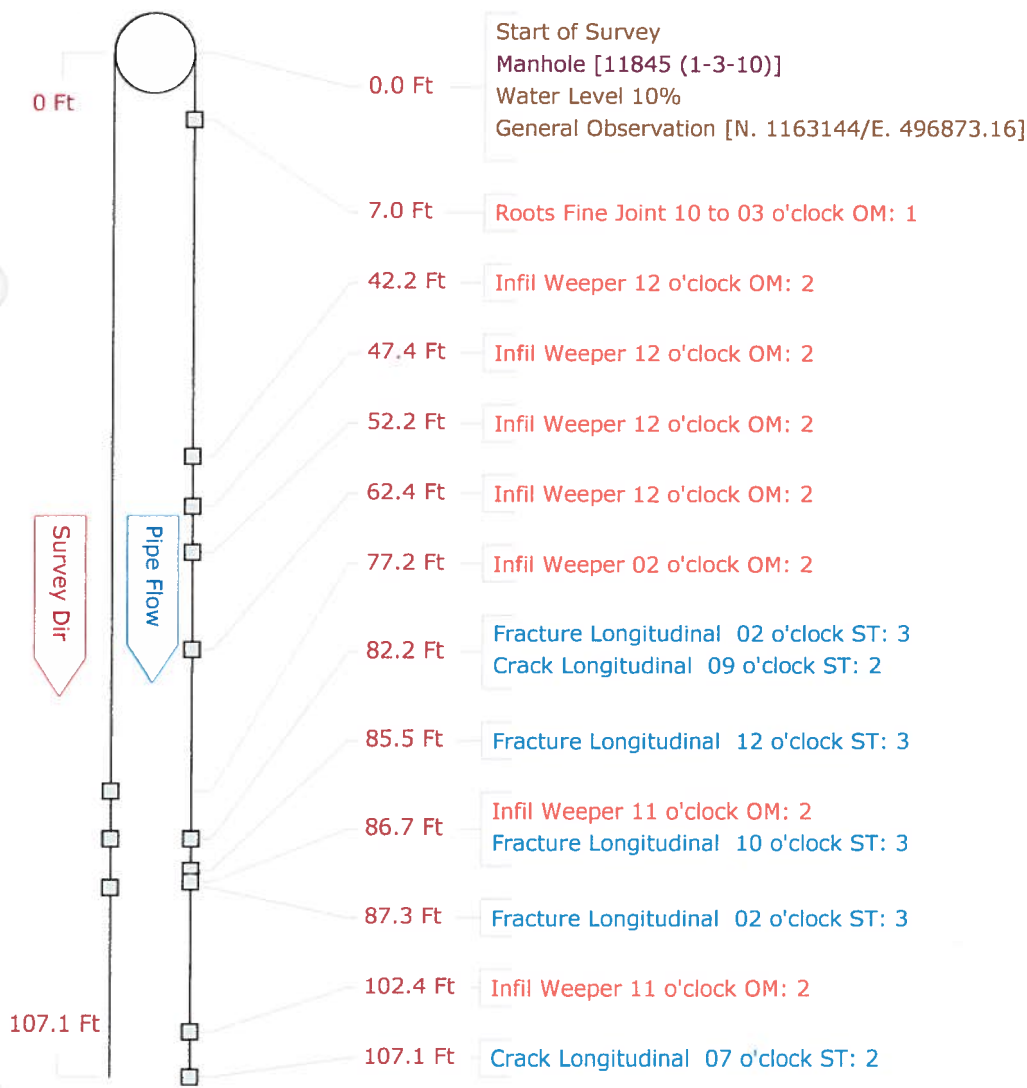
Pipe Graphic Report of PSR 9040 (1-3-1C) X for COLONY COVE INITIAL CCTV SANITARY

Setup	8	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/03/29	Time	10:15	Street	HOLLAND ST
City	ELLENTON	Further location details	9040.1 202 HOLLAND ST.				
Start	9040 (1-3-1C)	Rim to invert	7.60	Grade to invert		Rim to grade	Ft
Finish	9028 (1-3-B)	Rim to invert	5.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9040.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/03/29
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	287.9	Ft	Length Surveyed 287.90
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
						Work Order	
Northing	1163493.16	Easting	496875.42	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



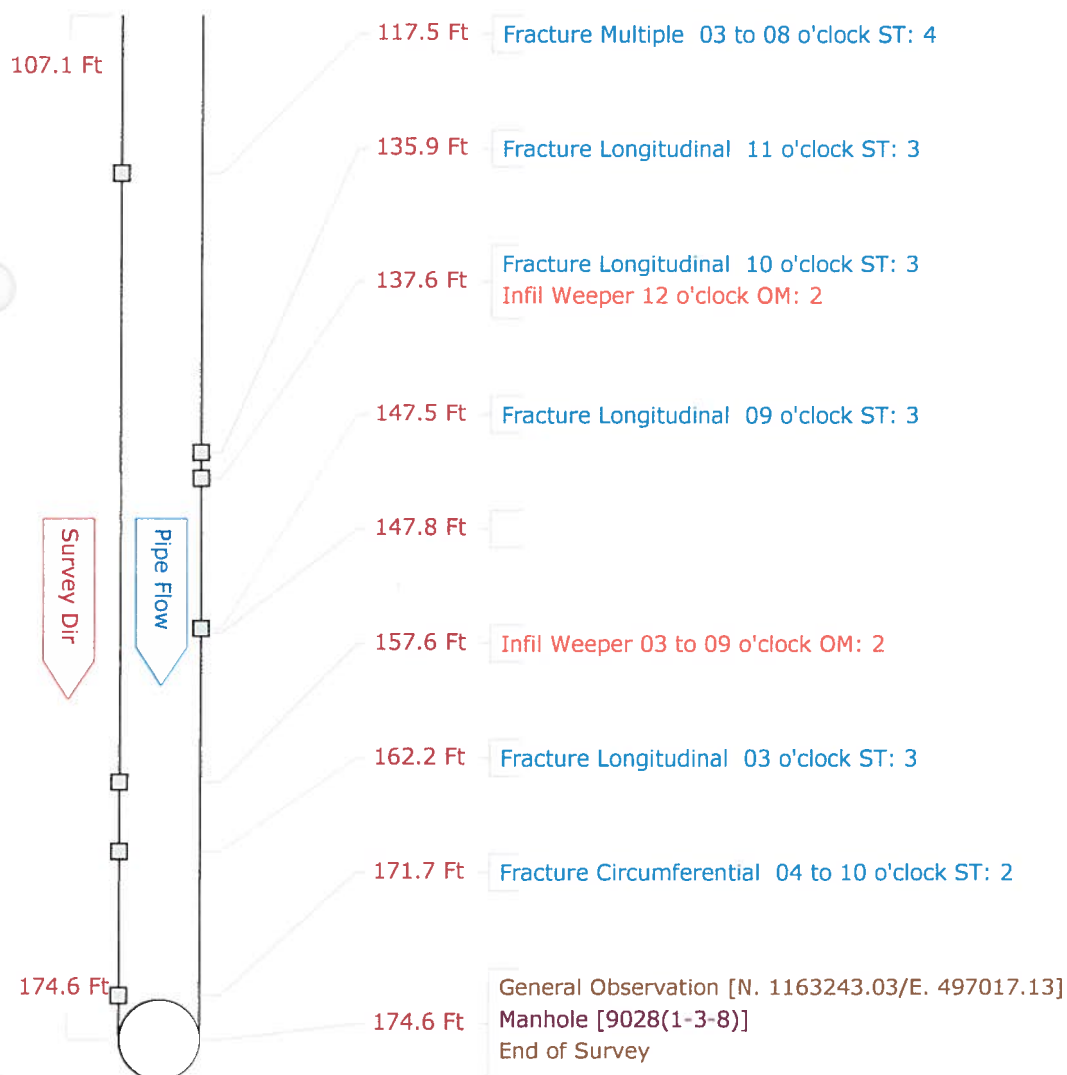
Pipe Graphic Report of PSR 11845 (1-3-10) X for COLONY COVE INITIAL CCTV SANITAR

Setup	9	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/03/29	Time	11:54	Street	DENMARK DR.
City	ELLENTON	Further location details	11845.1 212 DENMARK DR.				
Start	11845 (1-3-10)	Rim to invert	6.70	Grade to invert		Rim to grade	Ft
Finish	9028(1-3-B)	Rim to invert	5.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	11845.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/03/29
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	174.6	Ft	Length Surveyed 174.60
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163144.63	Easting	496873.16	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



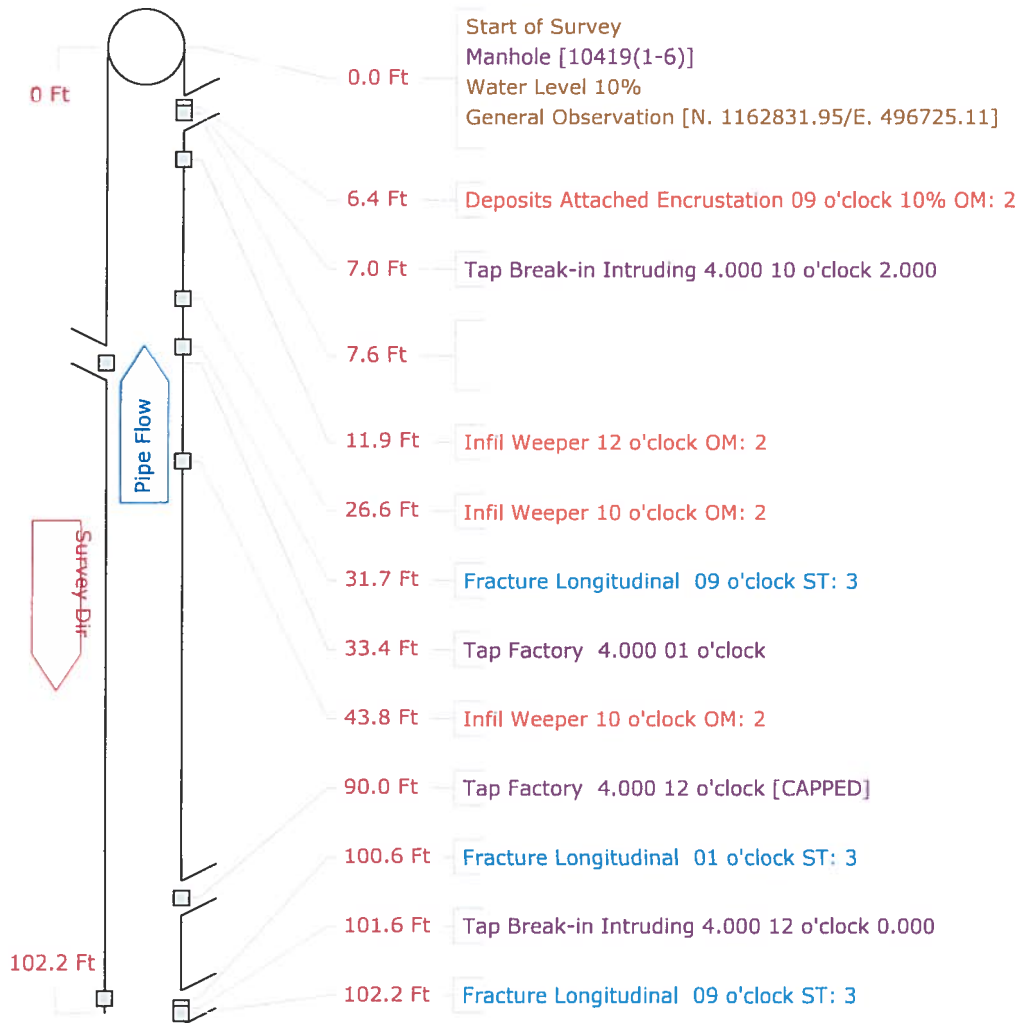
Pipe Graphic Report of PSR 11845 (1-3-10) X for COLONY COVE INITIAL CCTV SANITAR

Setup	9	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/03/29	Time	11:54	Street	DENMARK DR.
City	ELLENTON	Further location details	11845.1 212 DENMARK DR.				
Start	11845 (1-3-10)	Rim to invert	6.70	Grade to invert		Rim to grade	Ft
Finish	9028(1-3-B)	Rim to invert	5.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	11845.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/03/29
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	174.6	Ft	Length Surveyed 174.60
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
						Work Order	
Northing	1163144.63	Easting	496873.16	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



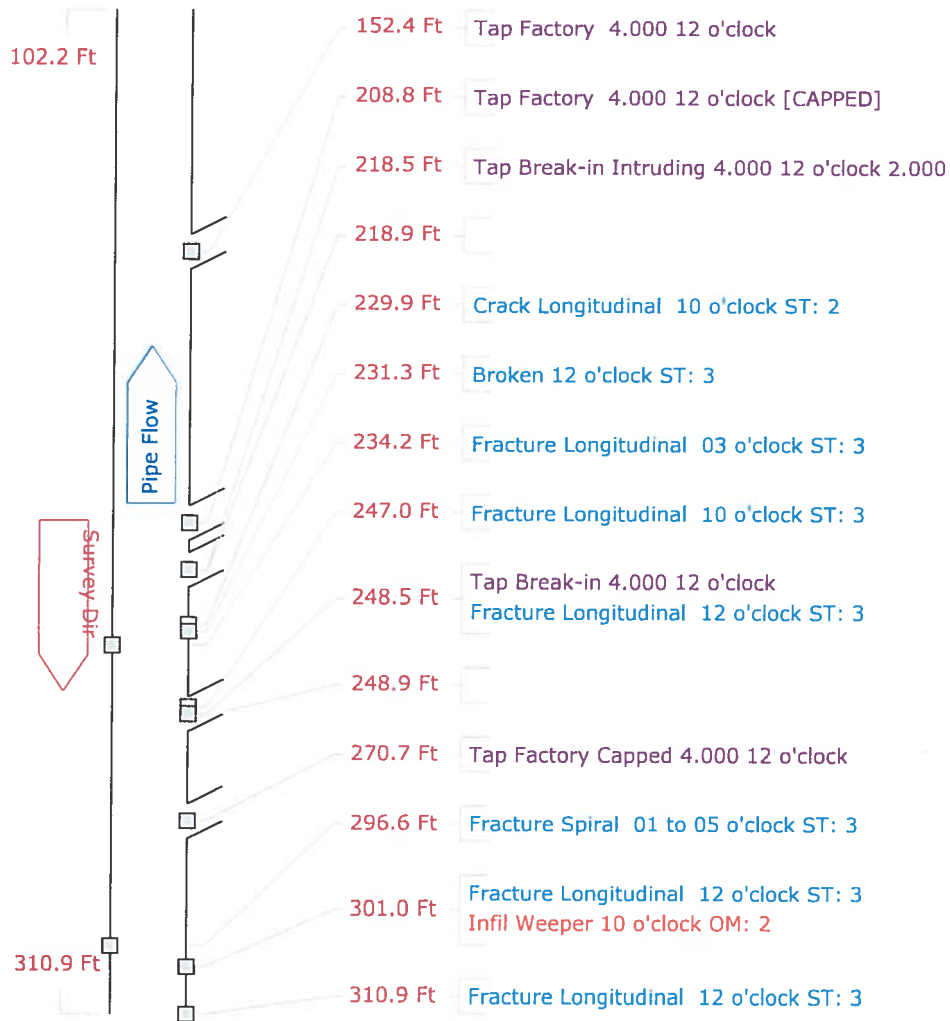
Pipe Graphic Report of PSR 11066(1-7) X for COLONY COVE INITIAL CCTV SANITAR'

Setup 10	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/03/29	Time 13:10	Street DENMARK DR.
City ELLENTON	Further location details 11066.1 187 DENMARK DR.		
Start 10419(1-6)	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Finish 11066(1-7)	Rim to invert 2.40	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 11066.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/03/29
Material Vitrified Clay Pipe	Joint length Ft	Total length 374.6 Ft	Length Surveyed 374.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1162459.56	Easting 496765.19	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



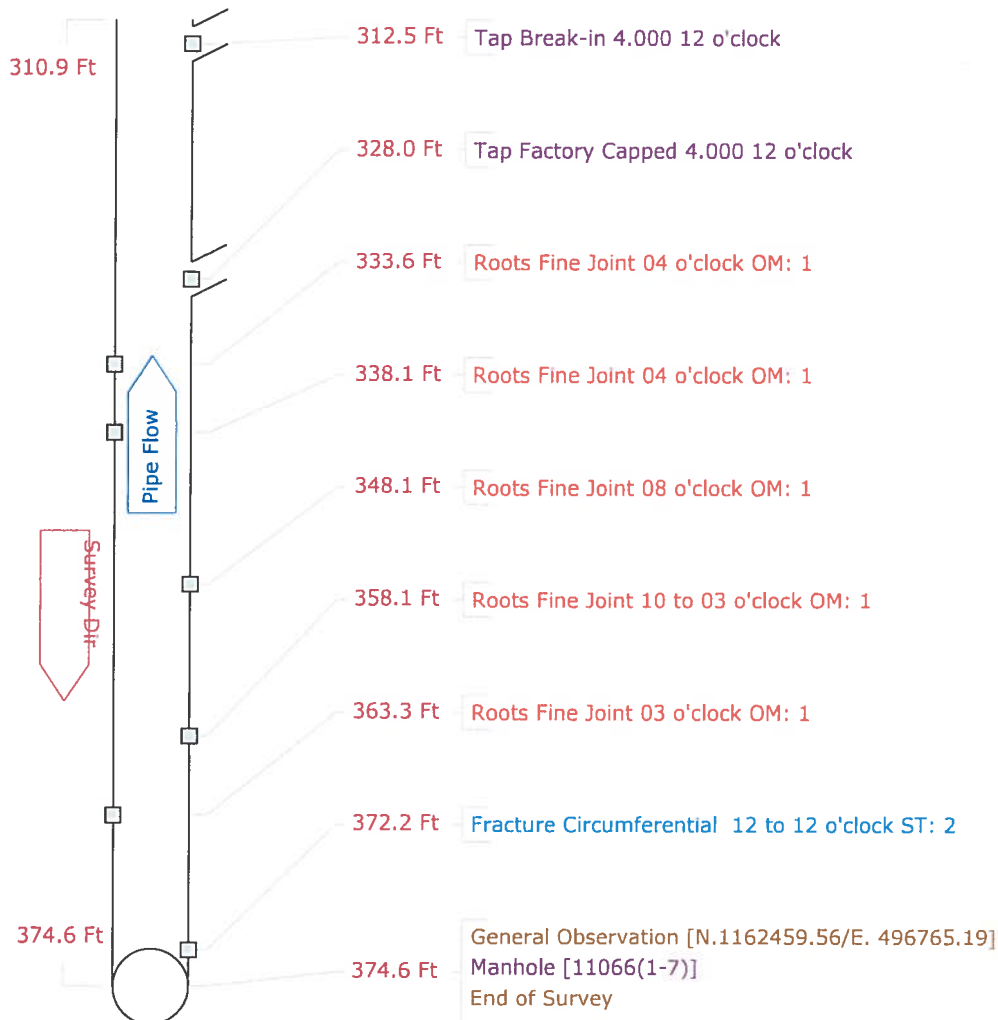
Pipe Graphic Report of PSR 11066(1-7) X for COLONY COVE INITIAL CCTV SANITAR

Setup 10	Surveyor TIM	Certificate #	U-307-1521	System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE			
P/O #	Date	2012/03/29	Time	13:10	Street	DENMARK DR.
City	ELLENTON		Further location details 11066.1 187 DENMARK DR.			
Start	10419(1-6)		Rim to invert	3.90	Grade to invert	Rim to grade Ft
Finish	11066(1-7)		Rim to invert	2.40	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No 11066.1
Shape	Circular		Height	8	Width ins Preclean J	Year Cleaned 2012/03/29
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 374.6 Ft	Length Surveyed 374.60
Lining			Year laid		Year rehabilitated	Weather Dry
Purpose			Cat			
Additional info	SOUTH				Structural	O&M Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project	Work Order					
Northing	1162459.56		Easting	496765.19		Elevation
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy	



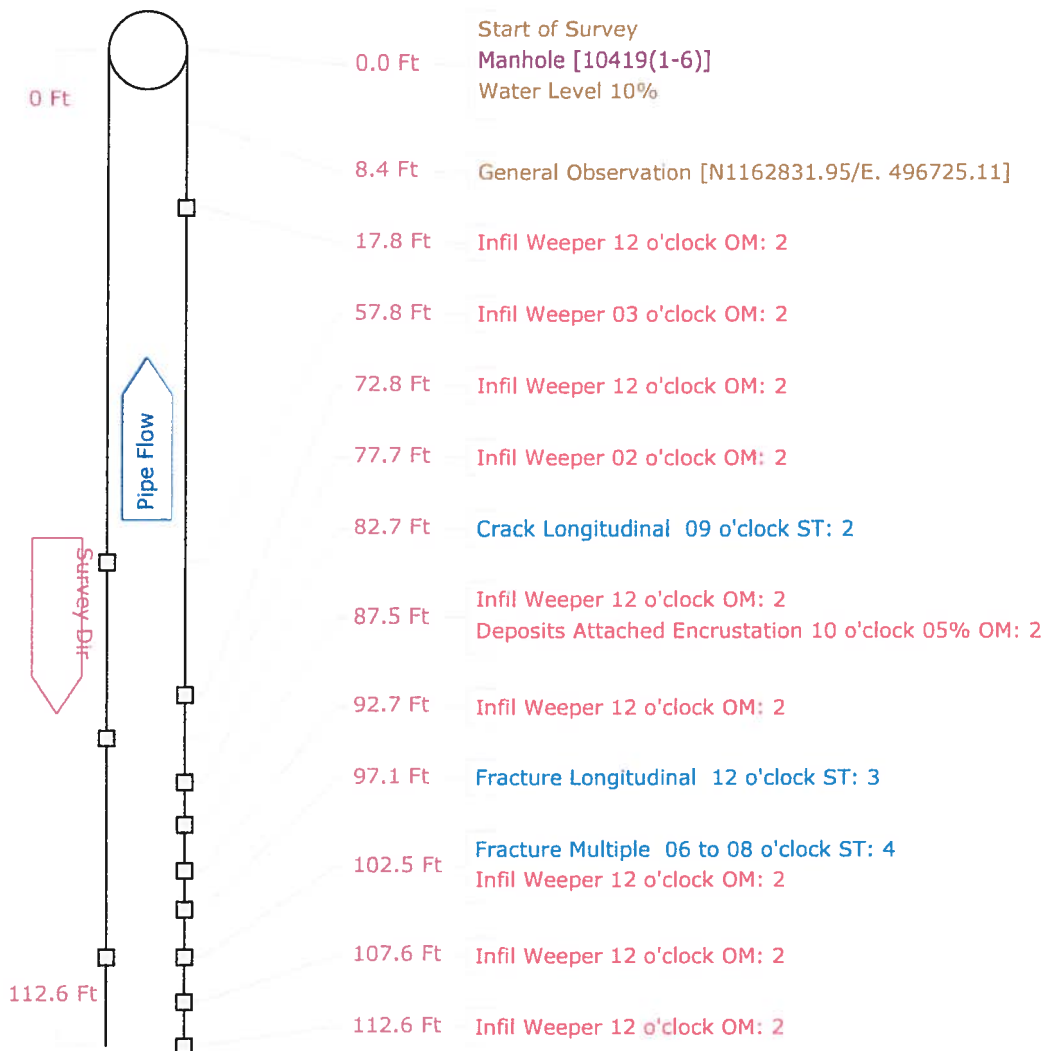
Pipe Graphic Report of PSR 11066(1-7) X for COLONY COVE INITIAL CCTV SANITAR

Setup 10	Surveyor TIM	Certificate #	U-307-1521	System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE			
P/O #	Date	2012/03/29	Time	13:10	Street	DENMARK DR.
City	ELLENTON		Further location details 11066.1 187 DENMARK DR.			
Start	10419(1-6)		Rim to invert	3.90	Grade to invert	Rim to grade Ft
Finish	11066(1-7)		Rim to invert	2.40	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No 11066.1
Shape	Circular		Height	8	Width ins Preclean J	Year Cleaned 2012/03/29
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 374.6	Ft Length Surveyed 374.60
Lining			Year laid		Year rehabilitated	Weather Dry
Purpose			Cat			
Additional info SOUTH					Structural	O&M
Location Easement/Right of Way					Miscellaneous	Hydraulic
Project					Constructional	
					Work Order	
Northing	1162459.56		Easting	496765.19		Elevation
Coordinate System US STATE PLANE1983 (NAD 1983)					GPS Accuracy	



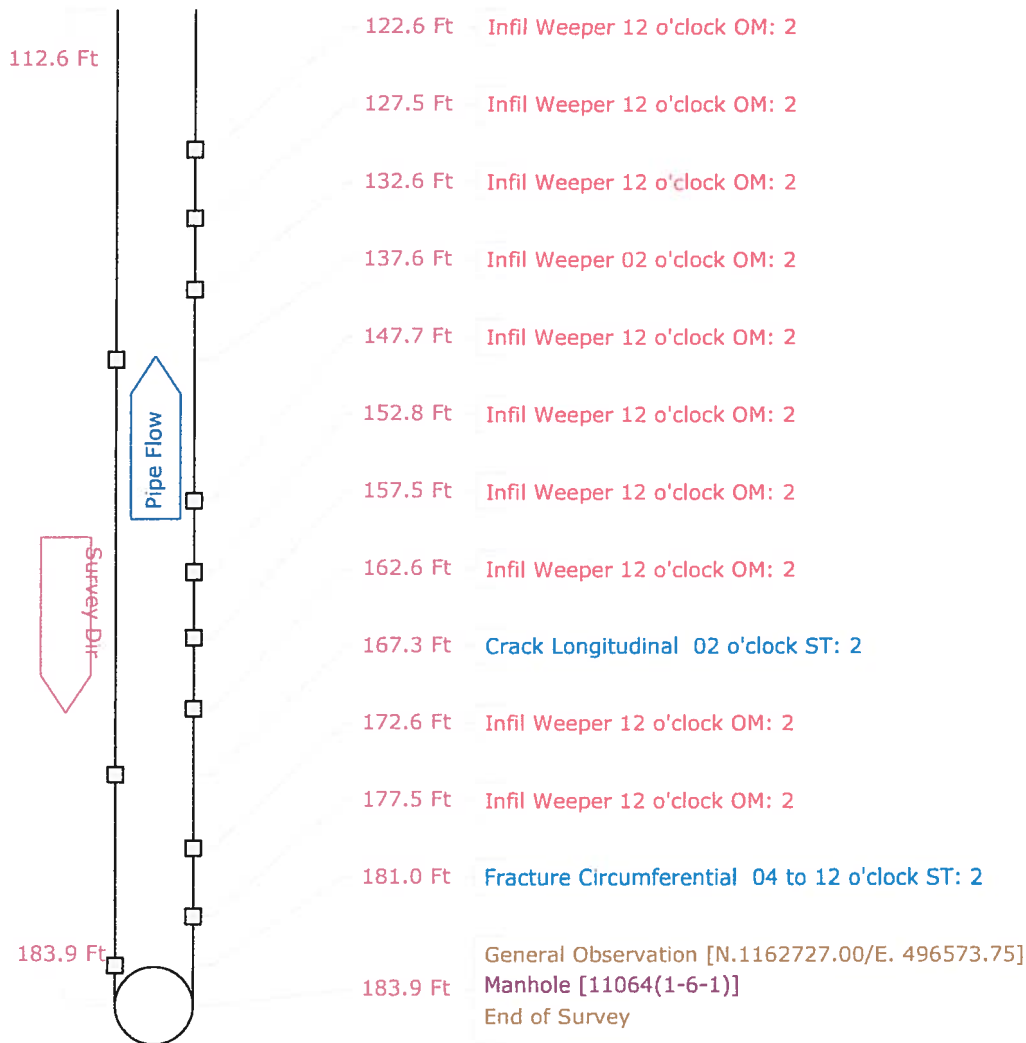
Pipe Graphic Report of PSR 11064(1-6-1) X for COLONY COVE INITIAL CCTV SANITARY

Setup 11	Surveyor TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE				
P/O #	Date	2012/03/29	Time	14:27	Street	ROTTERDAM AVE	
City	ELLENTON		Further location details		11064.1310 ROTTERDAM AVE		
Start	10419(1-6)		Rim to invert	3.90	Grade to invert	Rim to grade	Ft
Finish	11064(1-6-1)		Rim to invert	3.70	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 11064.1
Shape	Circular		Height	8	Width	ins Preclean J Year Cleaned 2012/03/29	
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	183.9	Ft Length Surveyed 183.90
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	SOUTHWEST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project					Work Order		
Northing	1162727.00		Easting	496573.75		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



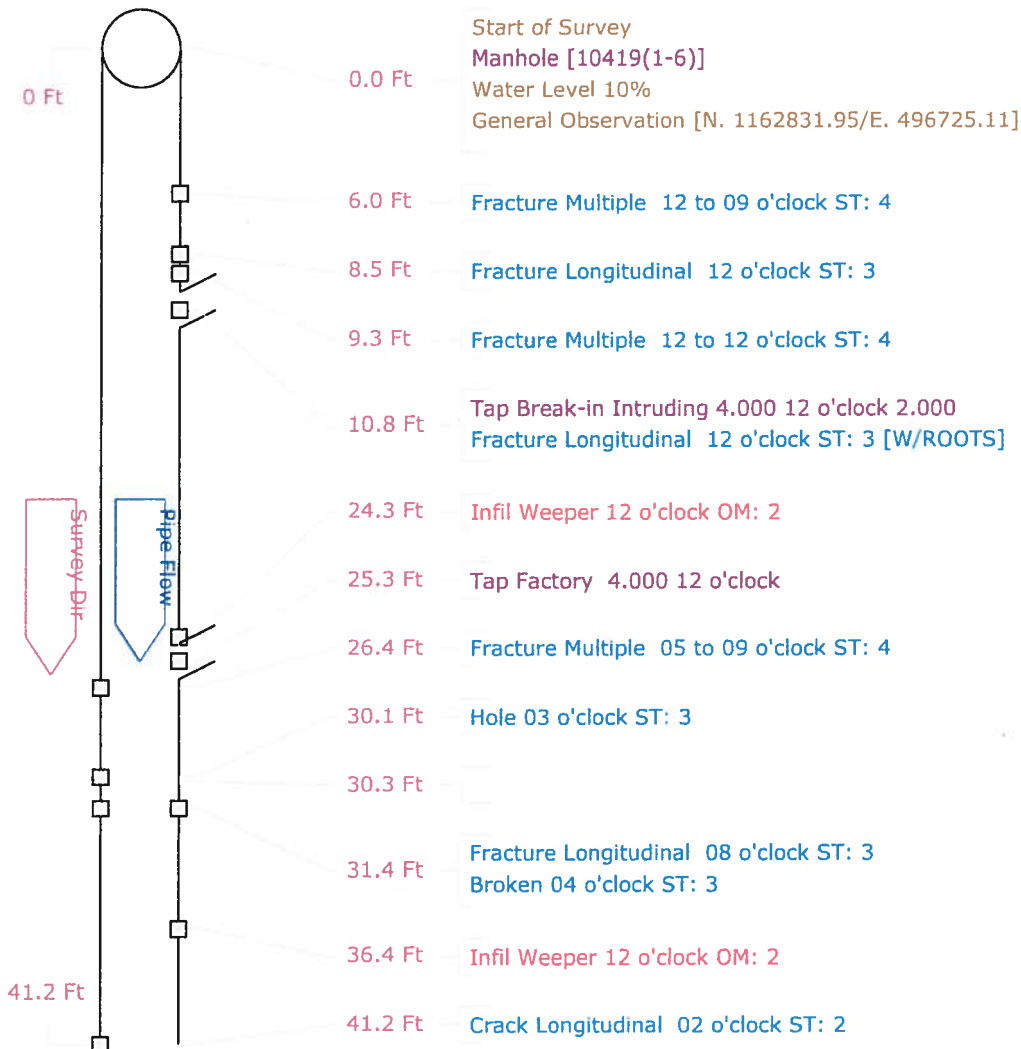
Pipe Graphic Report of PSR 11064(1-6-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 11	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/03/29	Time 14:27	Street ROTTERDAM AVE
City ELLENTON	Further location details 11064.1310 ROTTERDAM AVE		
Start 10419(1-6)	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Finish 11064(1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 11064.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 183.9 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162727.00	Easting 496573.75	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



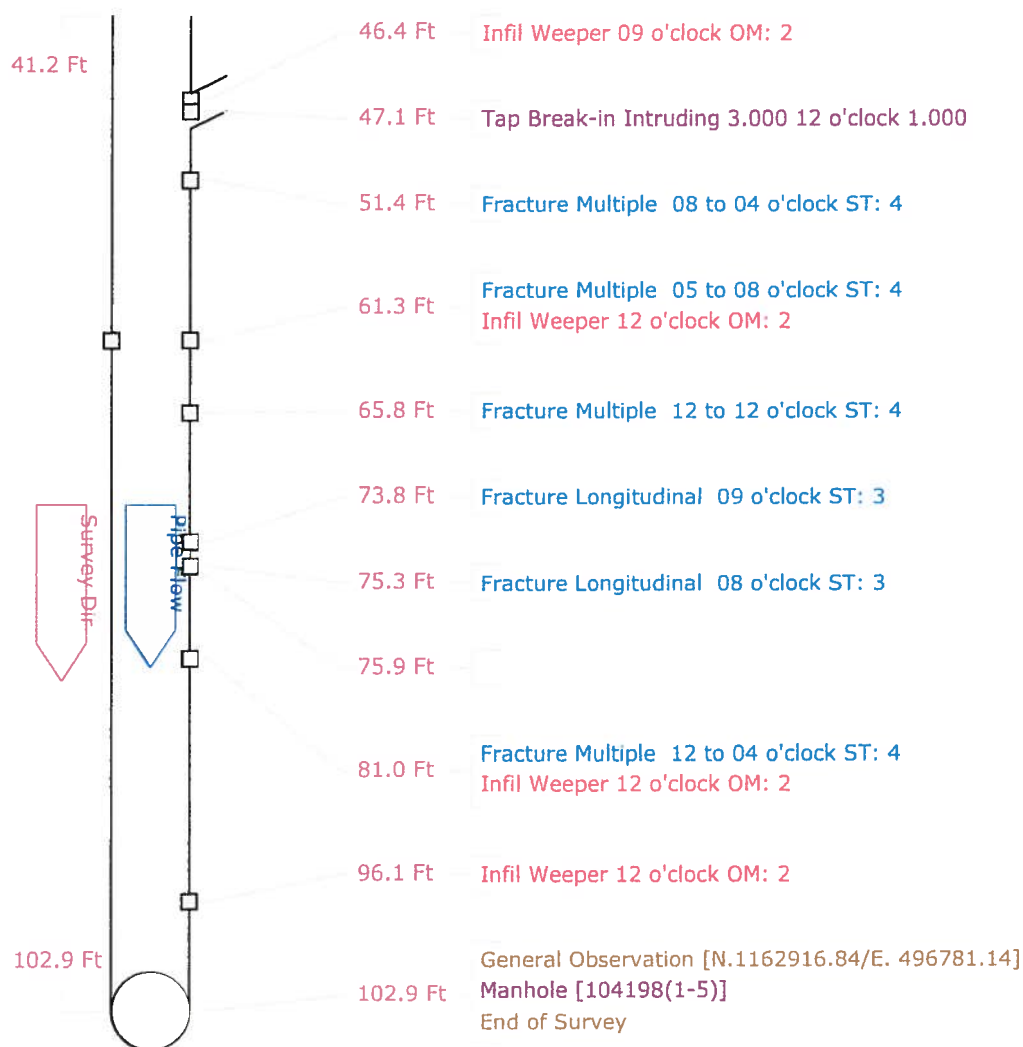
Pipe Graphic Report of PSR 10419(1-6) X for COLONY COVE INITIAL CCTV SANITARY

Setup	12	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/02	Time	8:14	Street	DENMARK DR.
City	ELLENTON	Further location details	10419.1 199 DENMARK DR.				
Start	10419(1-6)	Rim to invert	3.90	Grade to invert		Rim to grade	Ft
Finish	104198(1-5)	Rim to invert	3.90	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	10419.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	102.9	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1162831.95	Easting	496725.11			Elevation	
Coordinate System	US STATE PLANE 1983 (NAD 1983)					GPS Accuracy	



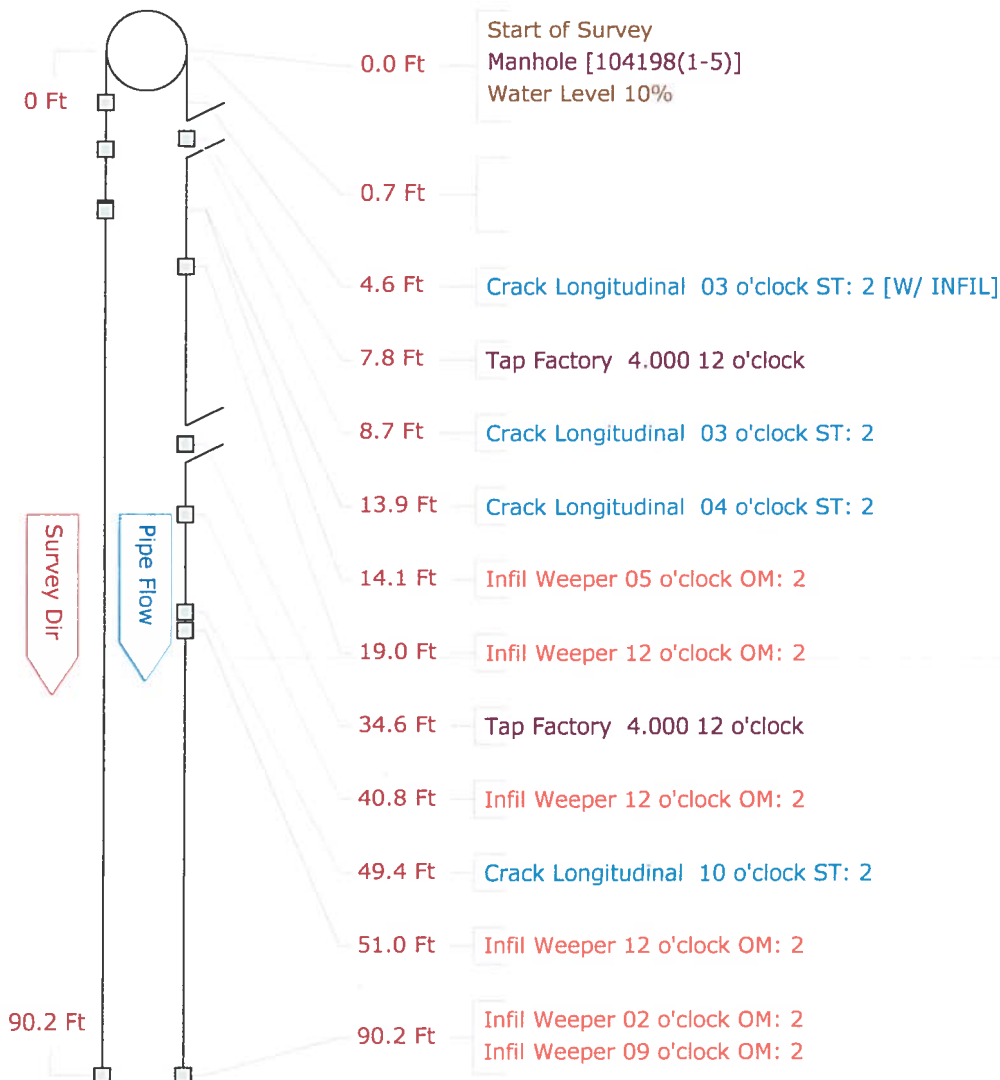
Pipe Graphic Report of PSR 10419(1-6) X for COLONY COVE INITIAL CCTV SANITARY

Setup	12	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/02	Time	8:14	Street	DENMARK DR.
City	ELLENTON	Further location details	10419.1 199 DENMARK DR.				
Start	10419(1-6)	Rim to invert	3.90	Grade to invert		Rim to grade	Ft
Finish	104198(1-5)	Rim to invert	3.90	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	10419.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	102.9	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1162831.95	Easting	496725.11	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



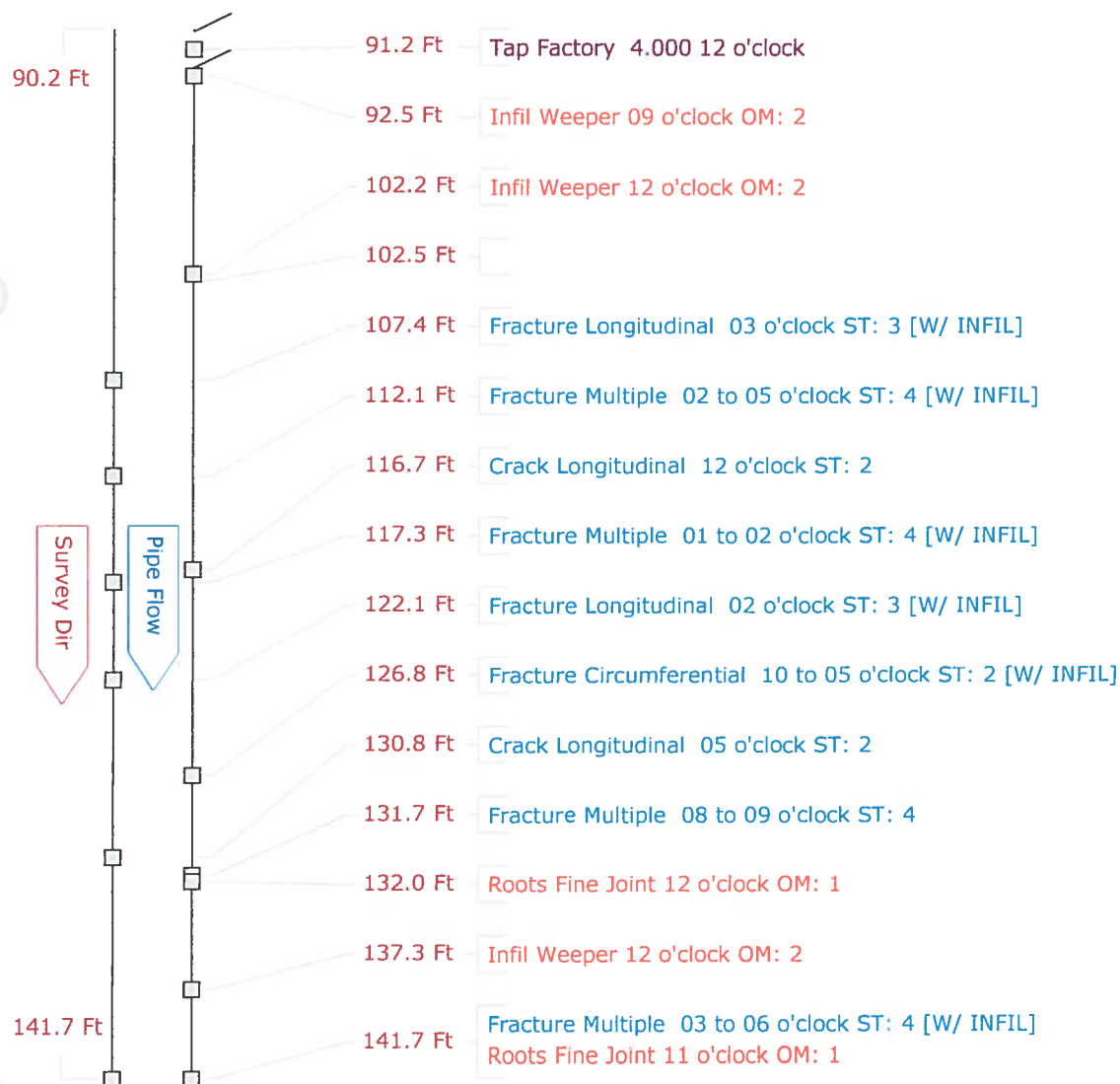
Pipe Graphic Report of PSR 104198(1-5) X for COLONY COVE INITIAL CCTV SANITARY

Setup 13/14	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/02	Time 12:01	Street DENMARK DR.
City ELLENTON	Further location details 104198.1 203 DENMARK DR.		
Start 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Finish 11847	Rim to invert 5.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 104198.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 443.0 Ft	Length Surveyed 276.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162916.84	Easting 496781.14	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



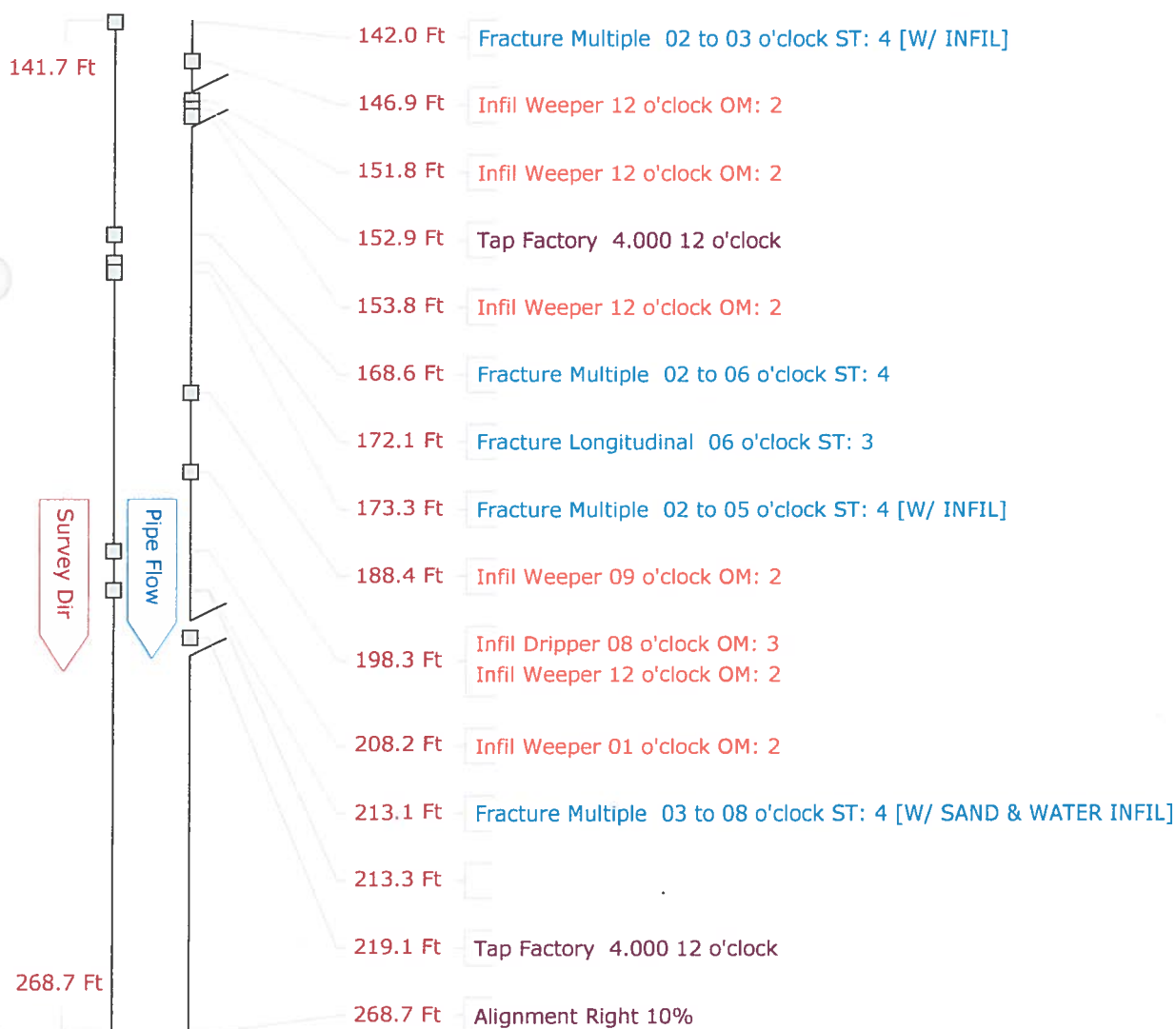
Pipe Graphic Report of PSR 104198(1-5) X for COLONY COVE INITIAL CCTV SANITARY

Setup	13/14	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer COLONY COVE						
P/O #		Date	2012/04/02	Time	12:01	Street	DENMARK DR.
City	ELLENTON	Further location details 104198.1 203 DENMARK DR.					
Start	104198(1-5)	Rim to invert	3.90	Grade to invert		Rim to grade	Ft
Finish	11847	Rim to invert	5.20	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	104198.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	443.0	Ft	Length Surveyed
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST	<div> <div>Structural</div> <div>O&M</div> <div>Constructional</div> </div>					
Location	Easement/Right of Way	<div> <div>Miscellaneous</div> <div>Hydraulic</div> </div>					
Project		Work Order					
Northing	1162916.84	Easting	496781.14	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)	GPS Accuracy					



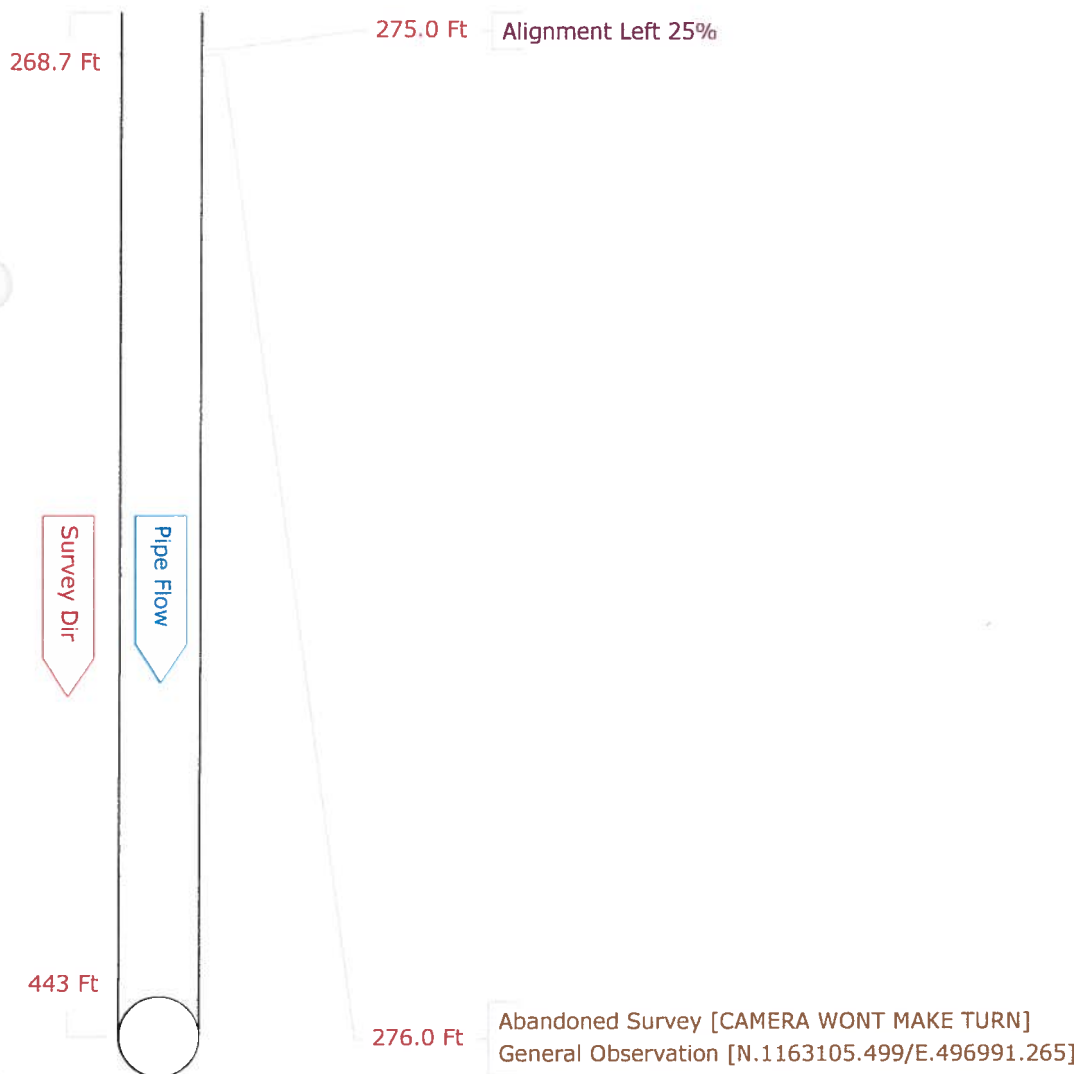
Pipe Graphic Report of PSR 104198(1-5) X for COLONY COVE INITIAL CCTV SANITAR

Setup 13/14	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/02	Time 12:01	Street DENMARK DR.
City ELLENTON	Further location details 104198.1 203 DENMARK DR.		
Start 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Finish 11847	Rim to invert 5.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 104198.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 443.0 Ft	Length Surveyed 276.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162916.84	Easting 496781.14	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



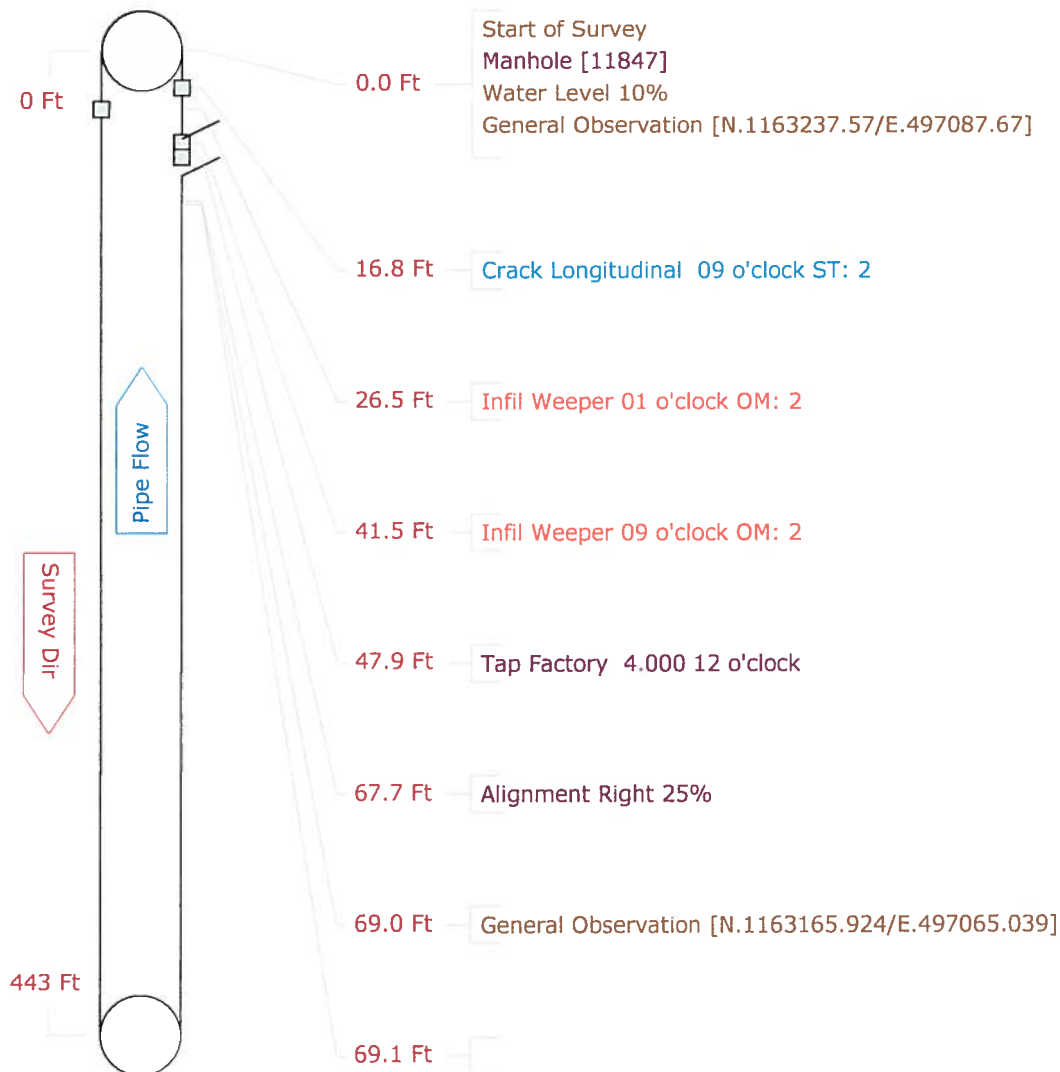
Pipe Graphic Report of PSR 104198(1-5) X for COLONY COVE INITIAL CCTV SANITAR

Setup 13/14	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/02	Time 12:01	Street DENMARK DR.
City ELLENTON	Further location details 104198.1 203 DENMARK DR.		
Start 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Finish 11847	Rim to invert 5.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 104198.1
Shape Circular	Height 8	Width ins	Preclean J Year Cleaned 2012/04/02
Material Vitrified Clay Pipe	Joint length Ft	Total length 443.0 Ft	Length Surveyed 276.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162916.84	Easting 496781.14	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



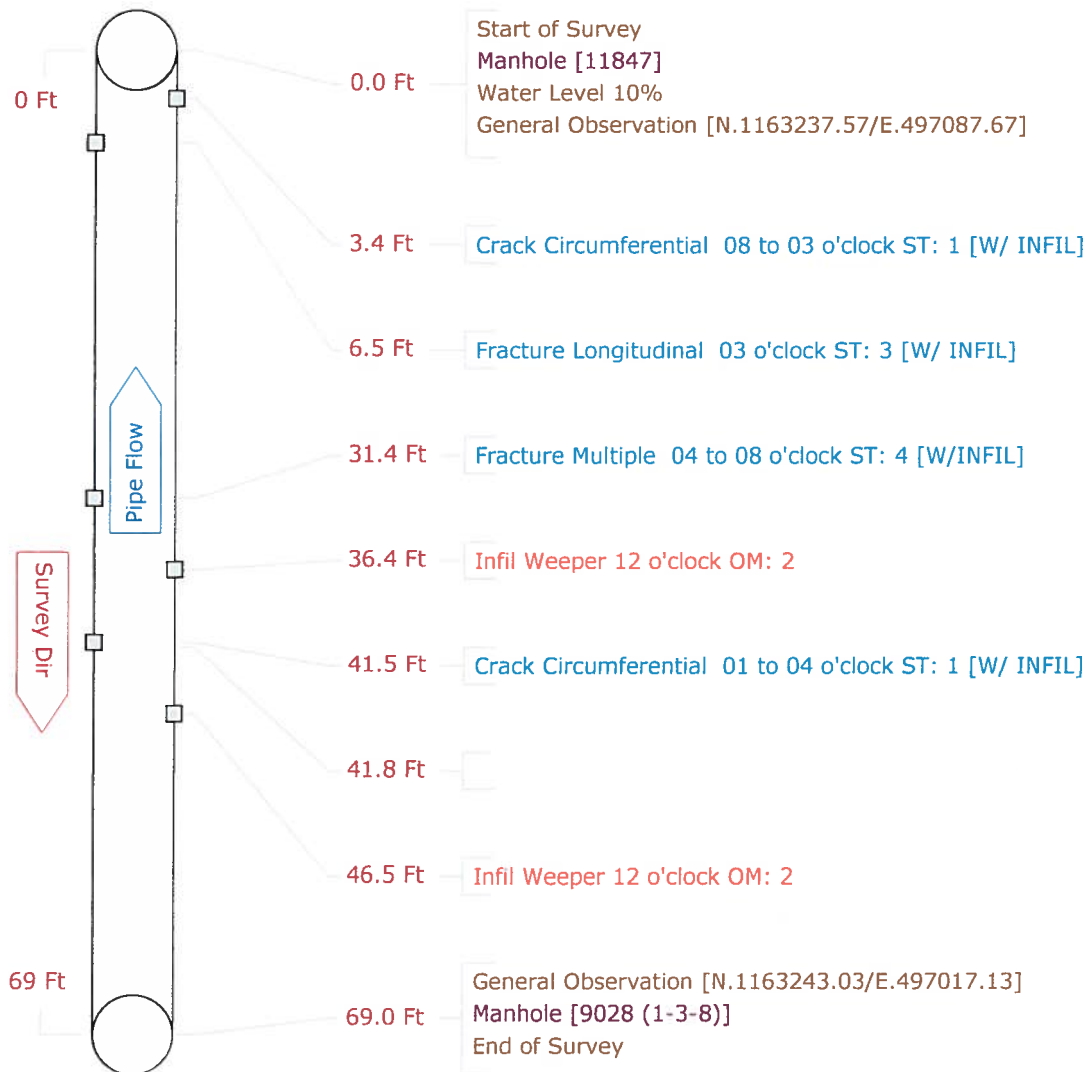
Pipe Graphic Report of PSR 104198(1-5) X for COLONY COVE INITIAL CCTV SANITAR

Setup 14/13	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/02	Time 13:07	Street DENMARK DR.
City ELLENTON	Further location details 104198.1 203 DENMARK DR.		
Start 11847	Rim to invert 5.20	Grade to invert	Rim to grade Ft
Finish 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 104198.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 443.0	Length Surveyed 69.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info Reverse set up on sheet:13		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162916.84	Easting 496781.14	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



Pipe Graphic Report of PSR 9028 (1-3-8) X for COLONY COVE INITIAL CCTV SANITAR

Setup 15	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/02	Time 14:00	Street DENMARK DR.
City ELLENTON	Further location details 9028.1 212 AMSTERDAM AVE		
Start 11847	Rim to invert 5.20	Grade to invert	Rim to grade Ft
Finish 9028 (1-3-B)	Rim to invert 5.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9028.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 69.0	Year Cleaned 2012/04/02
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163243.03	Easting 497017.13	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

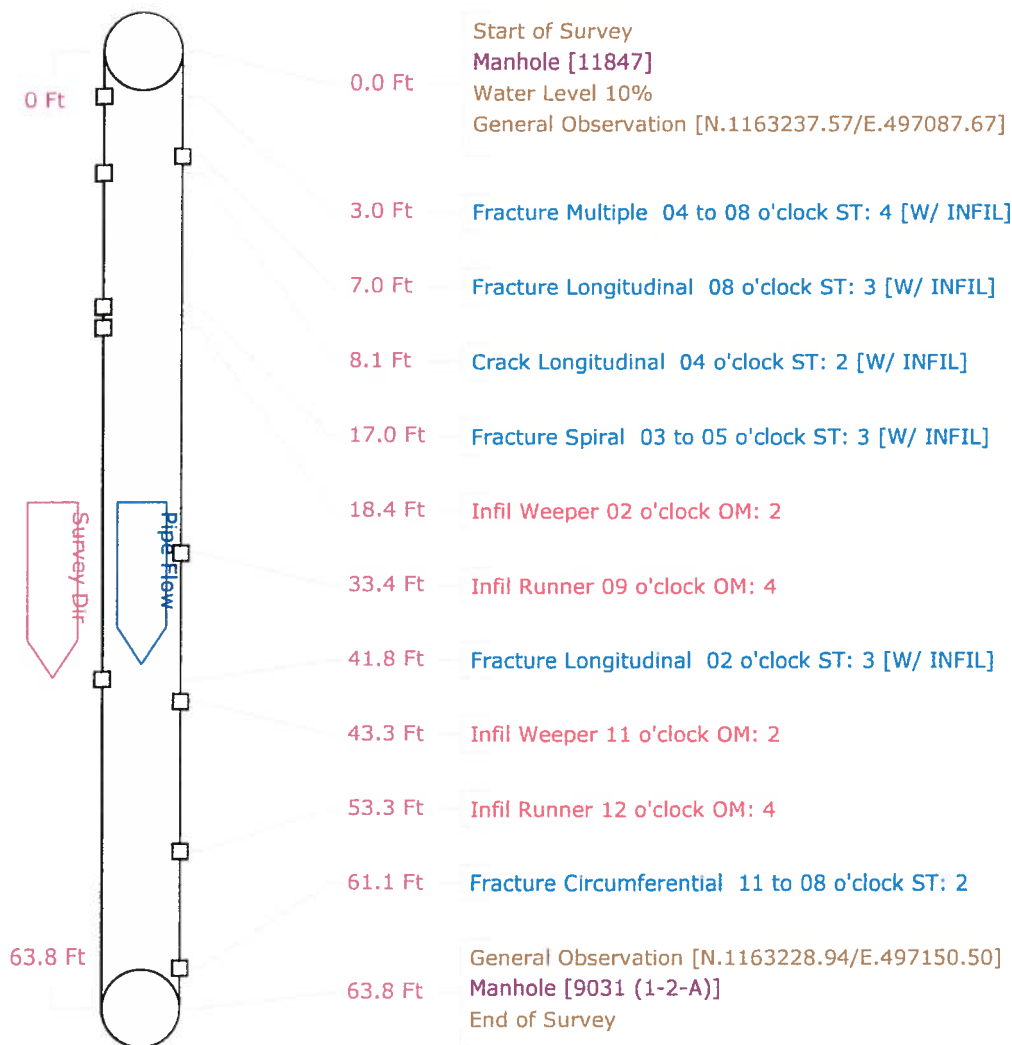


Pipe Graphic Report of PSR 11847

X

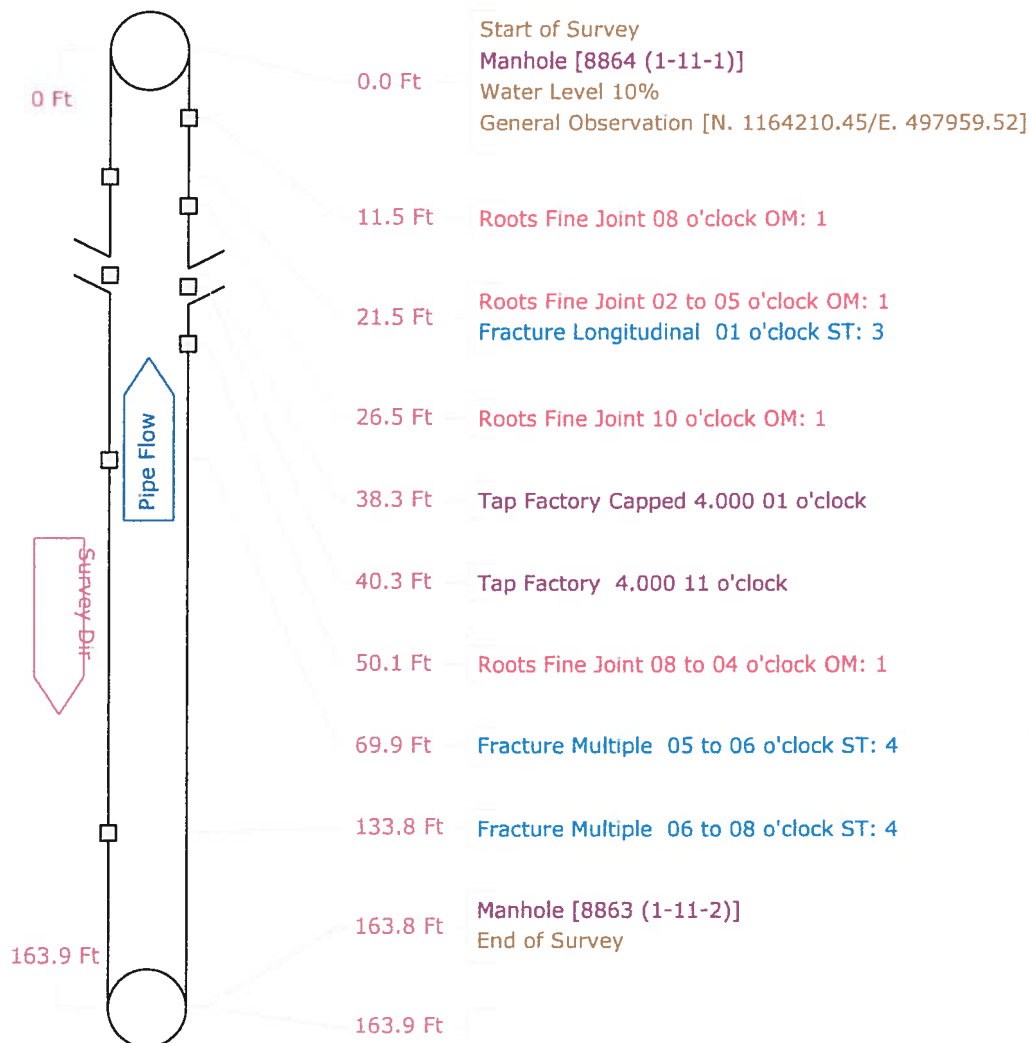
for COLONY COVE INITIAL CCTV SANITARY

Setup	16	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/02	Time	14:26	Street	DENMARK DR.
City	ELLENTON	Further location details	11847.1 219 DENMARK DR.				
Start	11847	Rim to invert	5.20	Grade to invert		Rim to grade	Ft
Finish	9031 (1-2-A)	Rim to invert	5.90	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	11847.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	63.8	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163237.57	Easting	497087.67	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



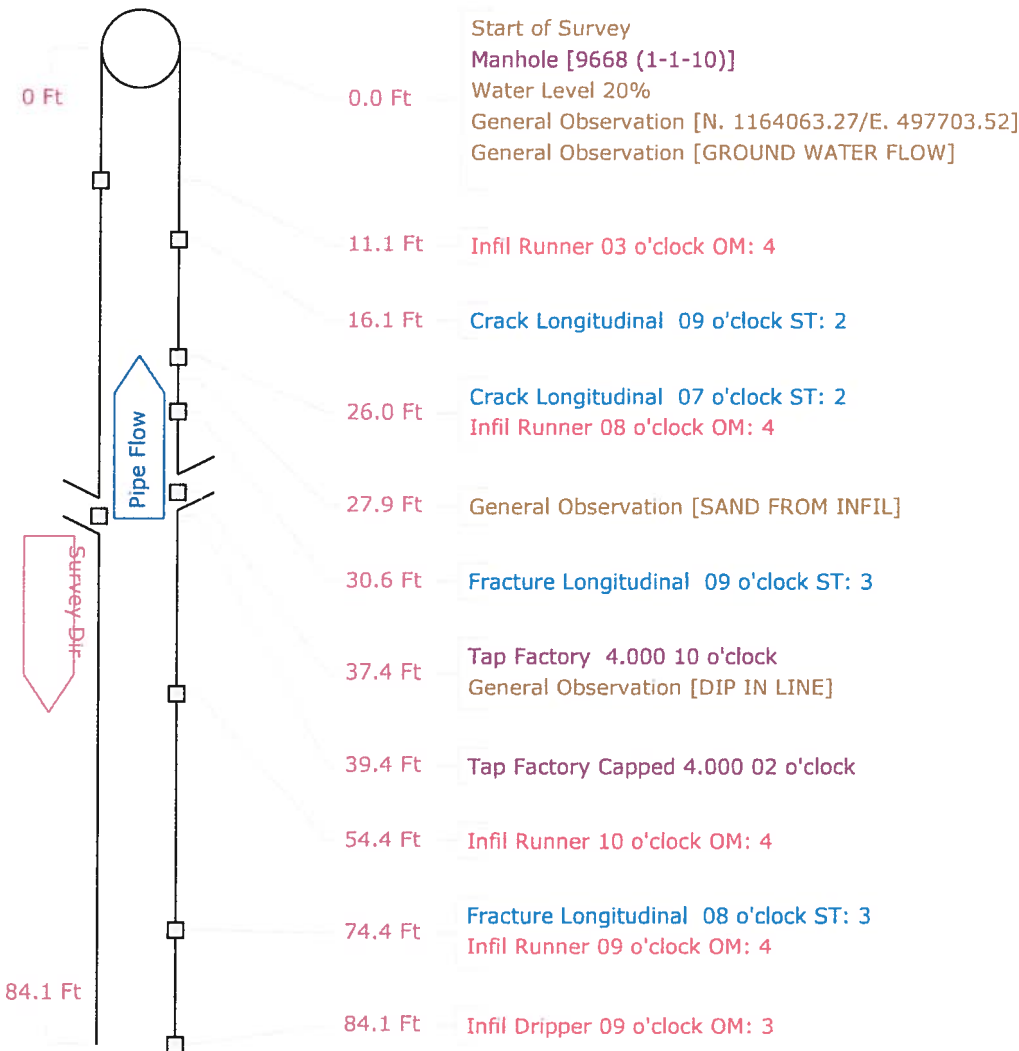
Pipe Graphic Report of PSR 8863 (1-11-2) X for COLONY COVE INITIAL CCTV SANITARY

Setup	17	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/03	Time	11:13	Street	ALKMAAR ST.
City	ELLENTON	Further location details	8863.1	311	ALKMAAR ST.		
Start	8864 (1-11-1)	Rim to invert	7.40	Grade to invert		Rim to grade	Ft
Finish	8863 (1-11-2)	Rim to invert	7.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	8863.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/04/03
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	163.8	Ft Length Surveyed 163.90
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
						Work Order	
Northing	1164293.90	Easting	498102.34		Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



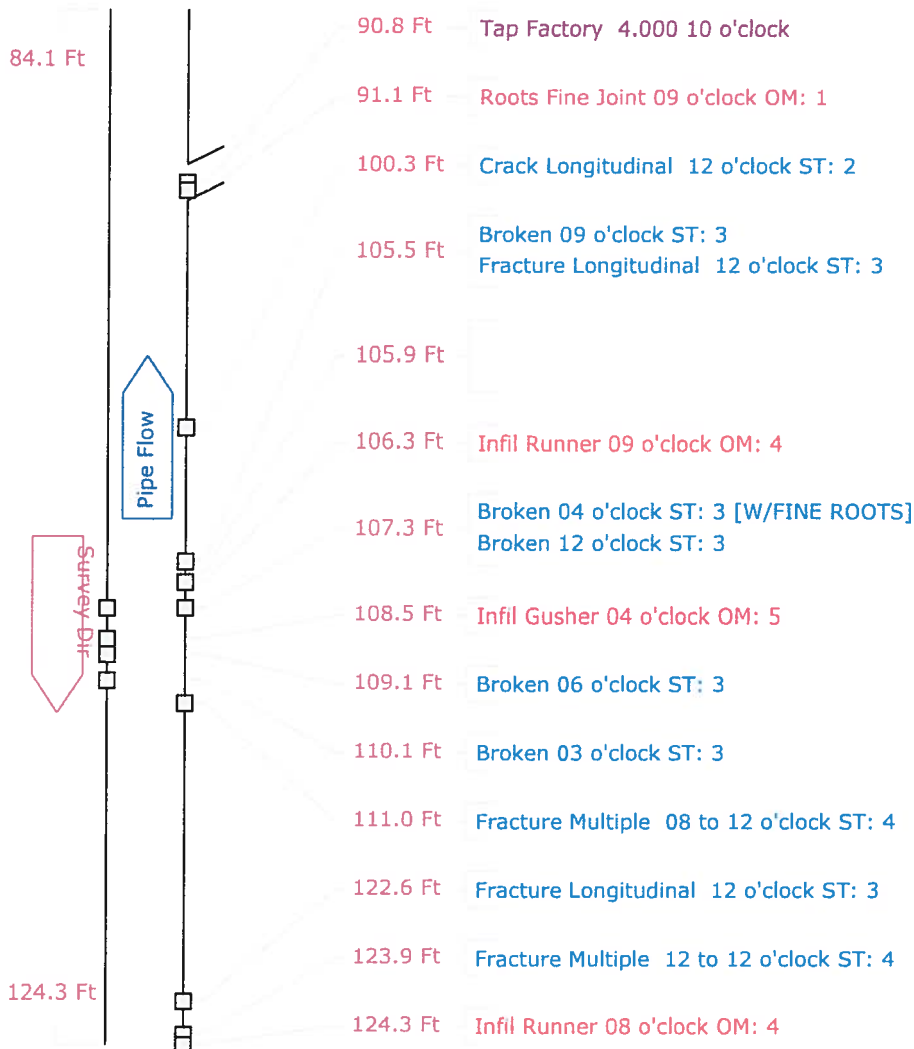
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 18	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/03	Time 13:18	Street DORDRECHT ST
City ELLENTON	Further location details	CO 96070.1 DORDRECHT ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96070.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length 332.4	Ft Length Surveyed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH			<div>StructuralO&MConstructional</div>
Location Easement/Right of Way			<div>MiscellaneousHydraulic</div>
Project	Work Order		
Northing 1164359.20	Easting 497551.48	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



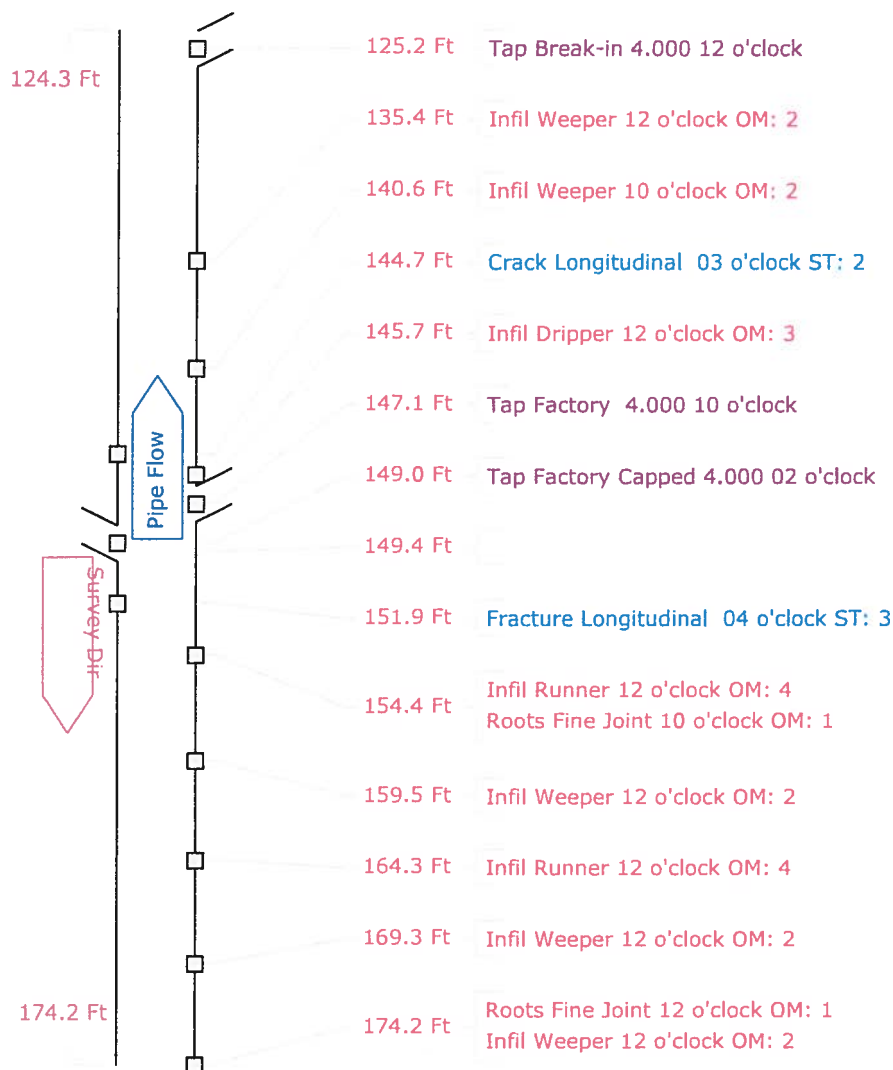
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 18	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/03	Time 13:18	Street DORDRECHT ST
City ELLENTON	Further location details CO 96070.1 DORDRECHT ST		
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96070.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/03
Material Vitrified Clay Pipe	Joint length Ft	Total length 332.4 Ft	Length Surveyed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1164359.20	Easting 497551.48	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



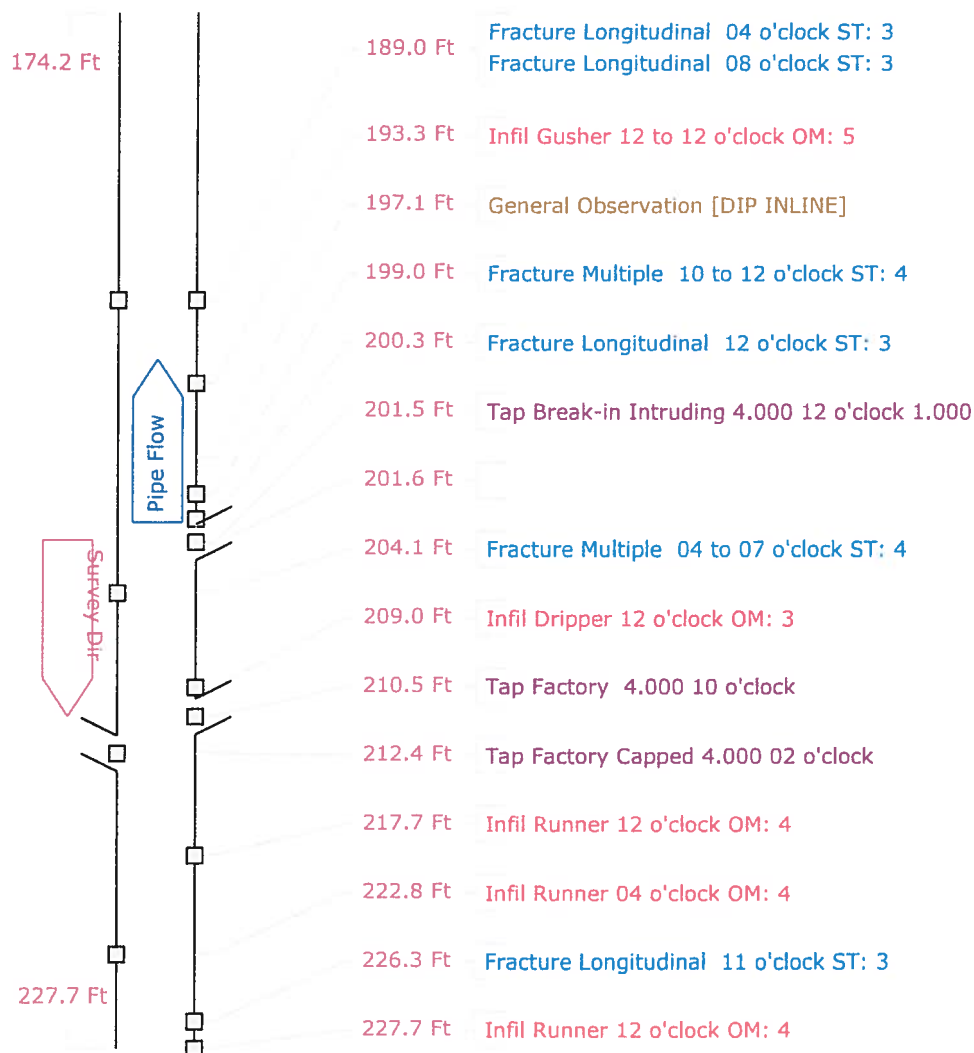
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 18	Surveyor TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE				
P/O #	Date	2012/04/03	Time	13:18	Street	DORDRECHT ST	
City	ELLENTON		Further location details		CO 96070.1 DORDRECHT ST		
Start	9668 (1-1-10)		Rim to invert	7.90	Grade to invert	Rim to grade	Ft
Finish	CO 96069(1-1-10-1)		Rim to invert		Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No	CO 96070.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/04/03
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	332.4 Ft	Length Surveyed 332.40
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	NORTH				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	Work Order						
Northing	1164359.20		Easting	497551.48		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



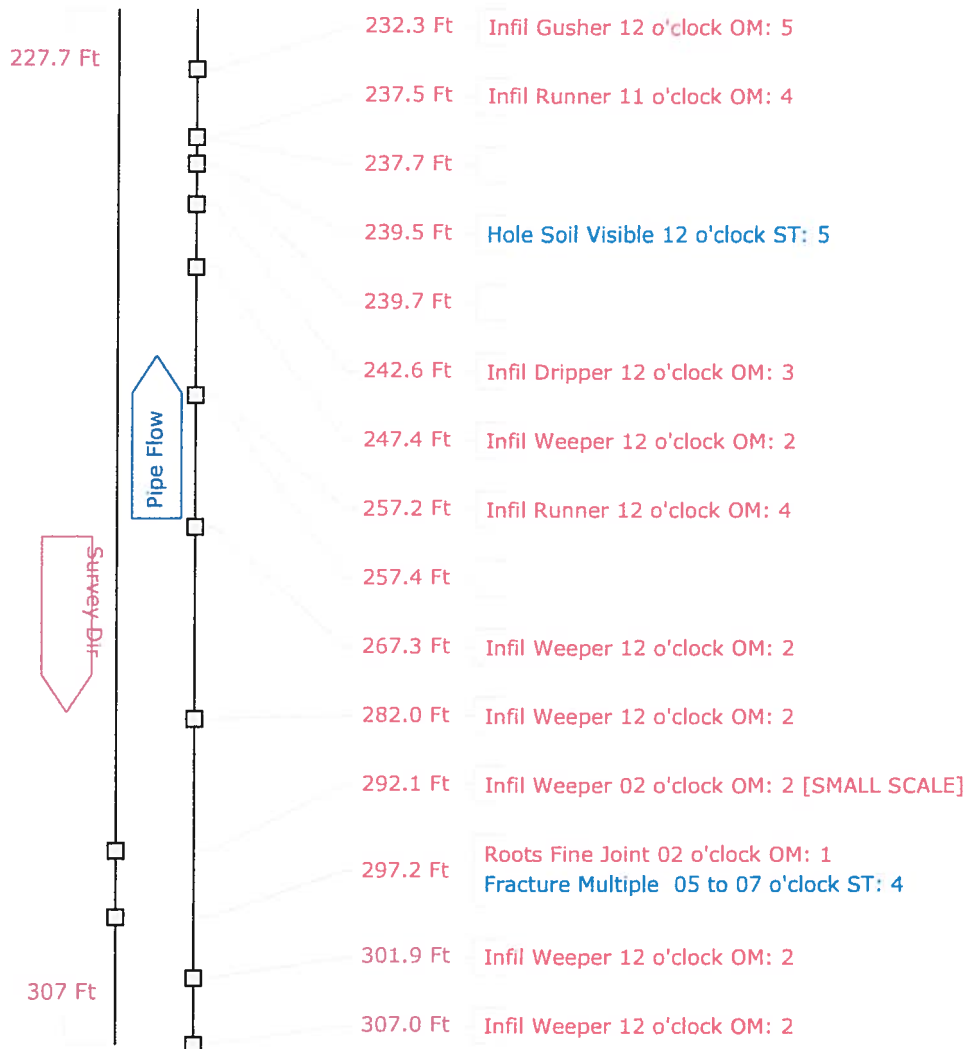
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup	18	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/03	Time	13:18	Street	DORDRECHT ST
City	ELLENTON	Further location details	CO 96070.1 DORDRECHT ST				
Start	9668 (1-1-10)	Rim to invert	7.90	Grade to invert		Rim to grade	Ft
Finish	CO 96069(1-1-10-1)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO 96070.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	332.4	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1164359.20	Easting	497551.48	Elevation			
Coordinate System	US STATE PLANE 1983 (NAD 1983)			GPS Accuracy			



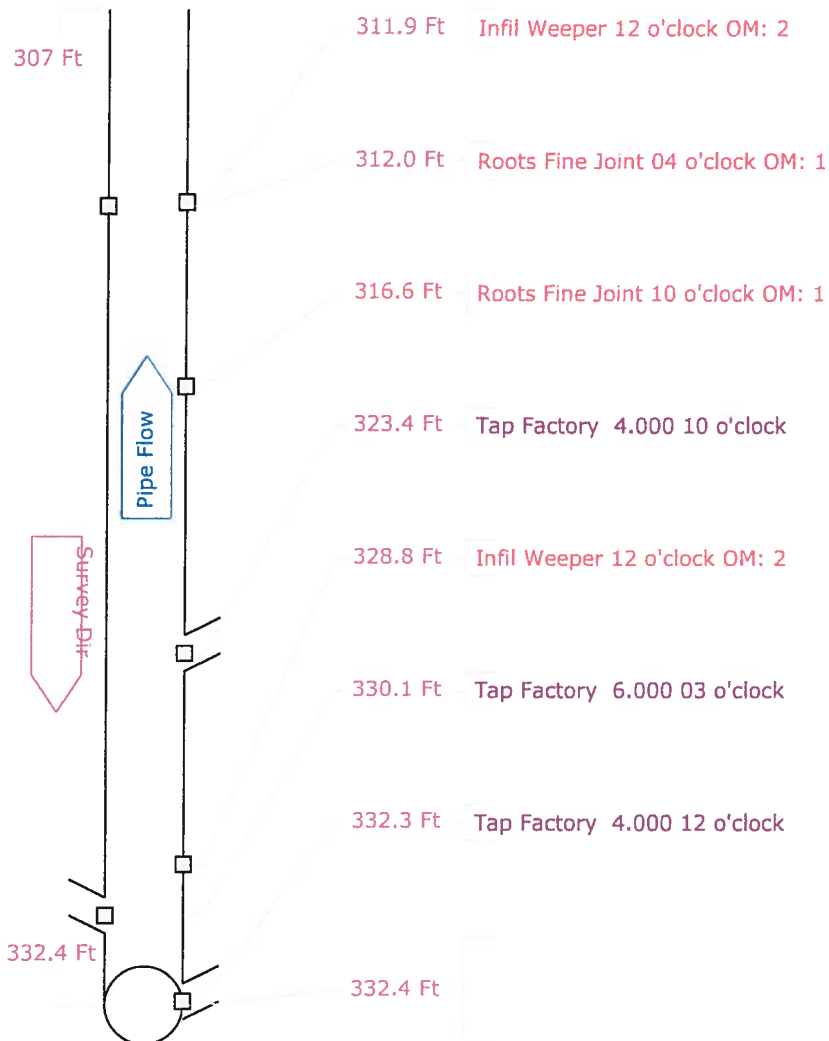
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X for COLONY COVE INITIAL CCTV SANITARY

Setup 18	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/03	Time 13:18	Street DORDRECHT ST
City ELLENTON	Further location details CO 96070.1 DORDRECHT ST		
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96070.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length 332.4 Ft	Length Surveyed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1164359.20	Easting 497551.48	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



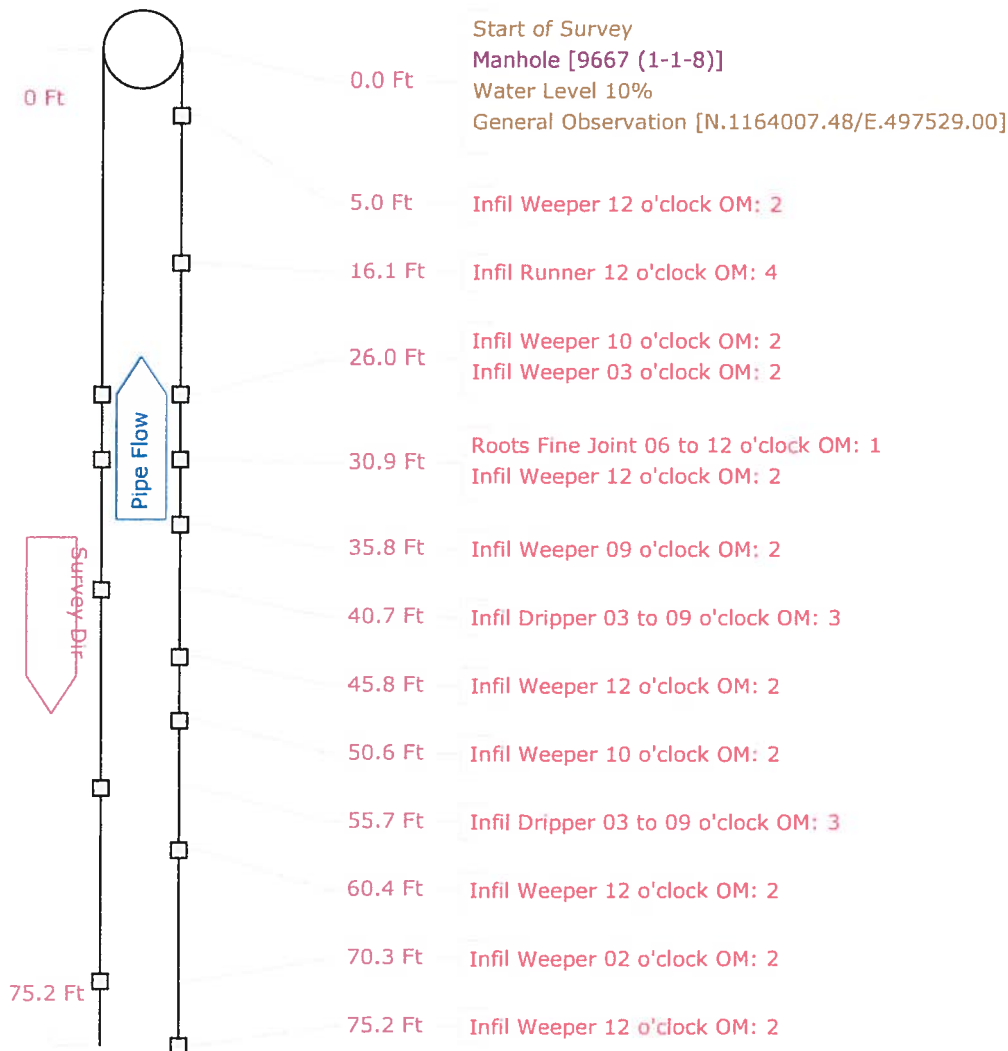
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X **for** COLONY COVE INITIAL CCTV SANITAR

Setup 18	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/03	Time 13:18	Street DORDRECHT ST
City ELLENTON	Further location details CO 96070.1 DORDRECHT ST		
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96070.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 332.4 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164359.20	Easting 497551.48	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



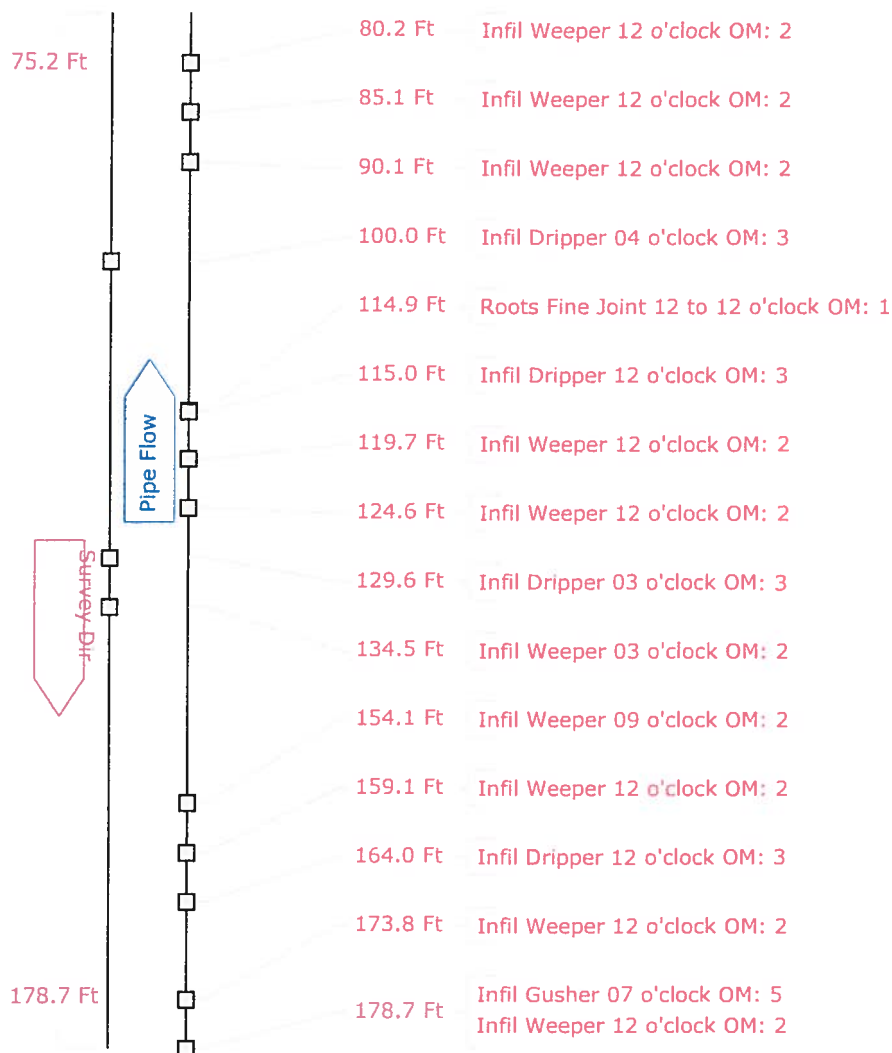
Pipe Graphic Report of PSR 9668 (1-1-10) X for COLONY COVE INITIAL CCTV SANITARY

Setup 19	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 9:40	Street DEN HELDER AVE
City ELLENTON	Further location details 9668.1 201 DEN HELDER AVE		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9668.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 183.2 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164063.27	Easting 497703.52	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



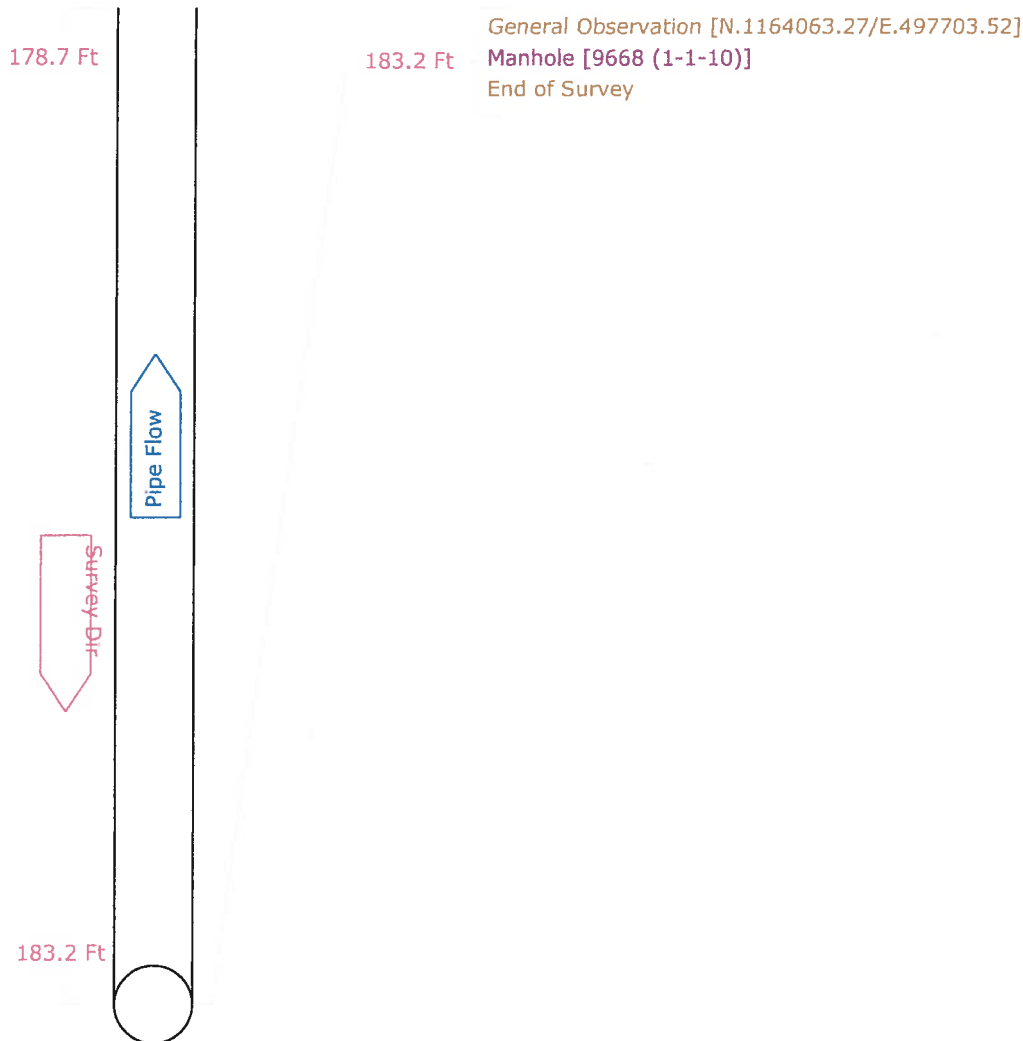
Pipe Graphic Report of PSR 9668 (1-1-10) X for COLONY COVE INITIAL CCTV SANITARY

Setup	19	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer			COLONY COVE					
P/O #	Date		2012/04/04		Time	9:40		Street	DEN HELDER AVE
City	ELLENTON		Further location details			9668.1 201 DEN HELDER AVE			
Start	9667 (1-1-8)			Rim to invert	6.60		Grade to invert	Rim to grade	Ft
Finish	9668 (1-1-10)			Rim to invert	7.90		Grade to invert	Rim to grade	Ft
Use	Sanitary			Direction	Upstream		Flow control	Media No	9668.1
Shape	Circular			Height	8		Width	ins	Preclean J
Material	Vitrified Clay Pipe			Joint length	Ft		Total length	183.2	Ft
Lining				Year laid			Year rehabilitated	Weather	Dry
Purpose				Cat					
Additional info	EAST						Structural	O&M	Constructional
Location	Easement/Right of Way						Miscellaneous	Hydraulic	
Project	Work Order								
Northing	1164063.27			Easting	497703.52		Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)						GPS Accuracy		



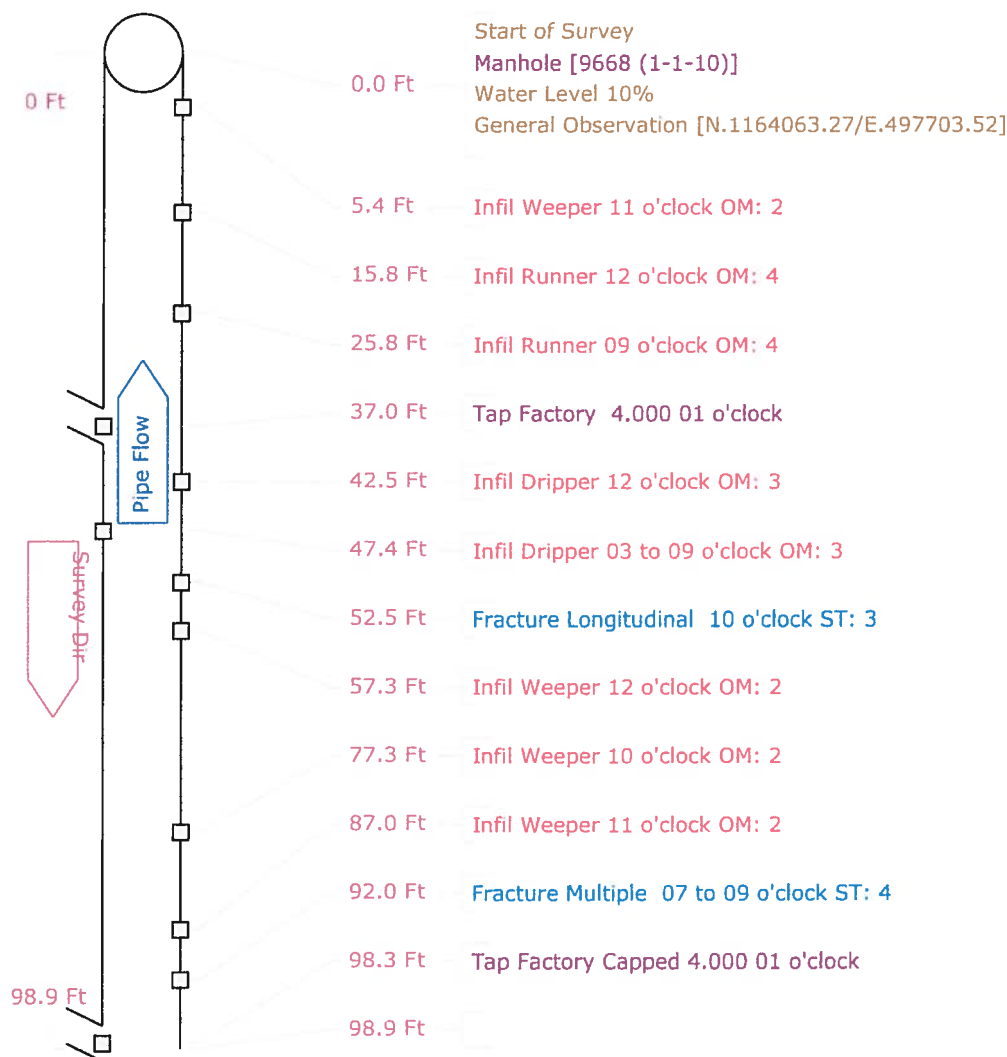
Pipe Graphic Report of PSR 9668 (1-1-10) X for COLONY COVE INITIAL CCTV SANITAR

Setup 19	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 9:40	Street DEN HELDER AVE
City ELLENTON	Further location details 9668.1 201 DEN HELDER AVE		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9668.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 183.2	Ft Length Surveyed 183.20
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		<div> <div>Structural</div> <div>Miscellaneous</div> </div> <div> <div>O&M</div> <div>Hydraulic</div> </div> <div> <div>Constructional</div> </div>	
Location Easement/Right of Way		Work Order	
Project			
Northing 1164063.27	Easting 497703.52	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



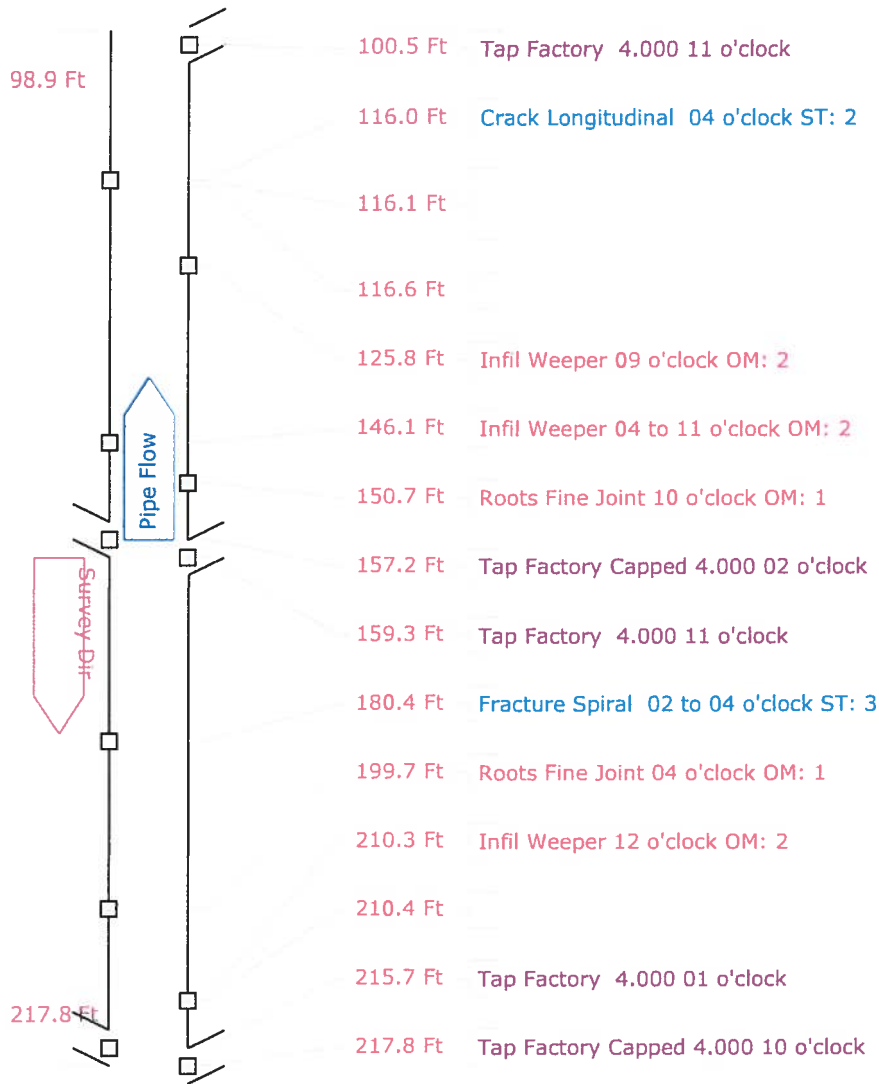
Pipe Graphic Report of PSR 8864 (1-11-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 20	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 10:52	Street HOLLAND ST
City ELLENTON	Further location details 8864.1 310 HOLLAND ST		
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Finish 8864 (1-11-1)	Rim to invert 7.40	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 8864.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 294.7 Ft	Length Surveyed 294.70
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164210.45	Easting 497959.52	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



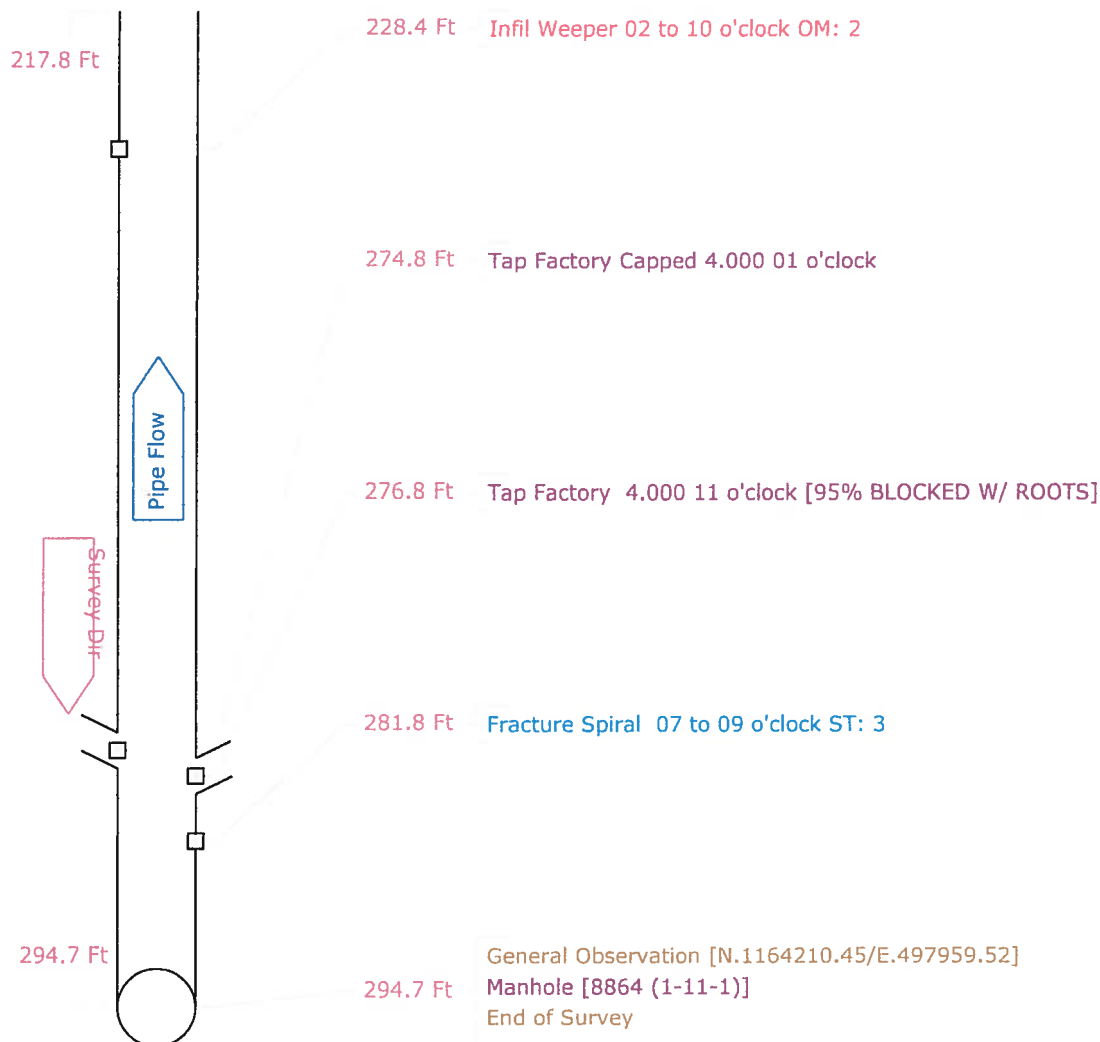
Pipe Graphic Report of PSR 8864 (1-11-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup	20	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/04	Time	10:52	Street	HOLLAND ST
City	ELLENTON	Further location details	8864.1 310 HOLLAND ST				
Start	9668 (1-1-10)	Rim to invert	7.90	Grade to invert		Rim to grade	Ft
Finish	8864 (1-11-1)	Rim to invert	7.40	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	8864.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/04/04
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	294.7	Ft Length Surveyed 294.70
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1164210.45	Easting	497959.52	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



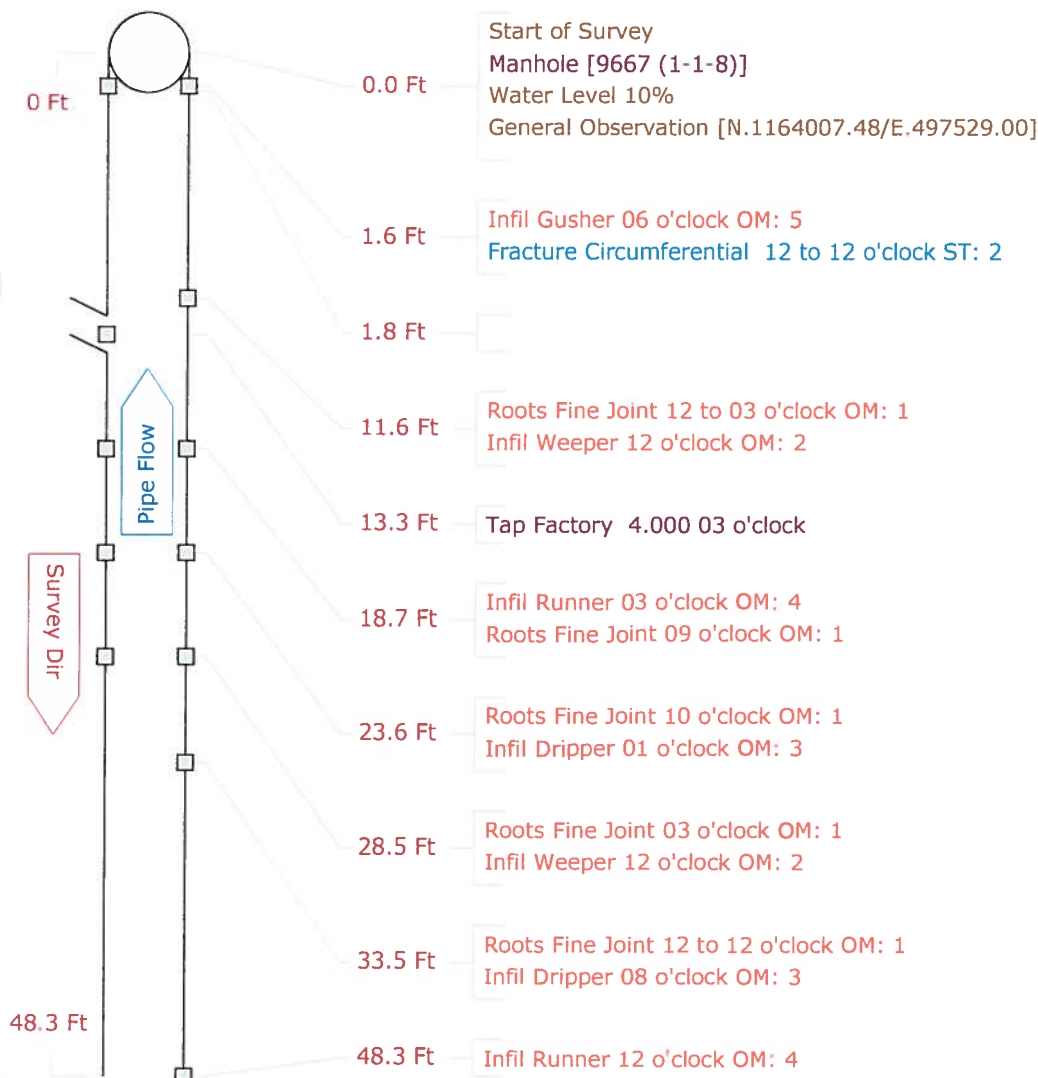
Pipe Graphic Report of PSR 8864 (1-11-1) X for COLONY COVE INITIAL CCTV SANITARY

Setup 20	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 10:52	Street HOLLAND ST
City ELLENTON	Further location details 8864.1 310 HOLLAND ST		
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Finish 8864 (1-11-1)	Rim to invert 7.40	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 8864.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 294.7 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164210.45	Easting 497959.52	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



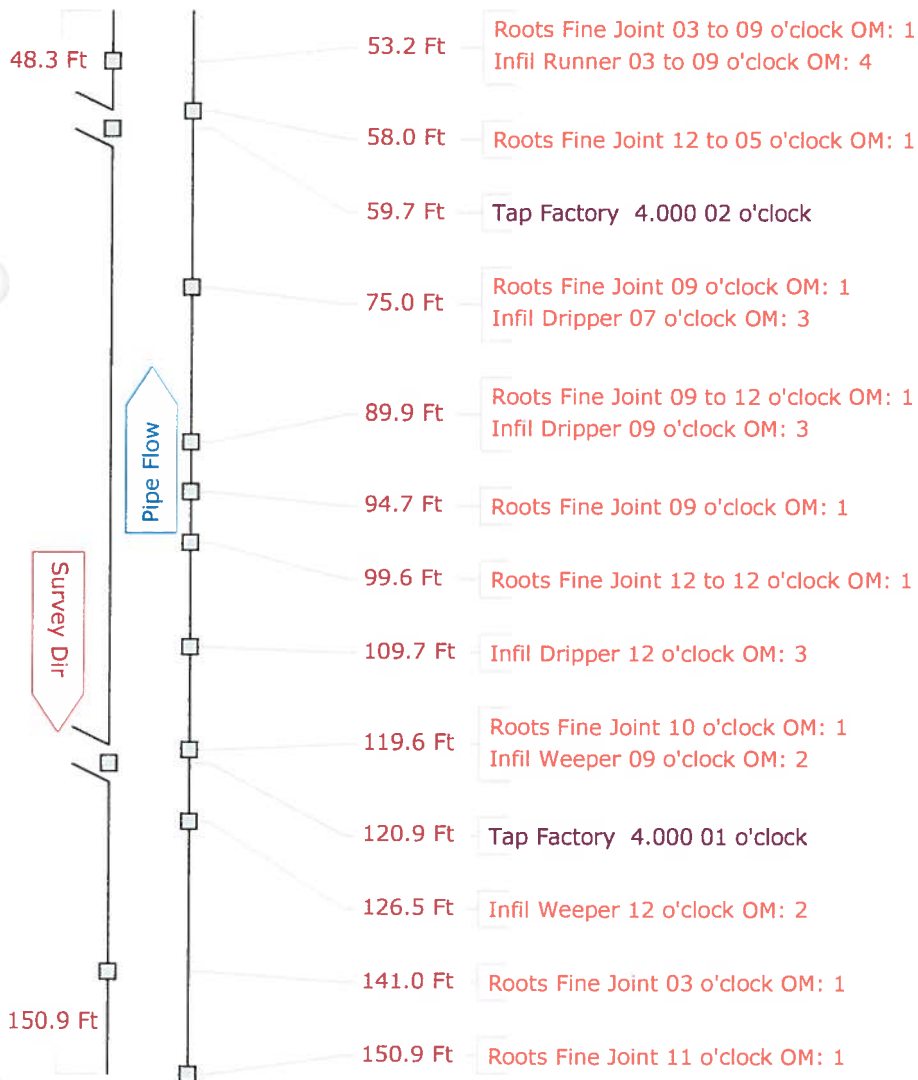
Pipe Graphic Report of PSR CO 96068 (1-1-9) A for COLONY COVE INITIAL CCTV SANITAR

Setup 21	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 14:40	Street DEN HELDER AVE
City ELLENTON	Further location details CO 96068.1 208 DEN HELDER AVE		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish CO 96068 (1-1-9)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96068.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length Ft	Total length 250.4 Ft	Length Surveyed 250.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164231.044	Easting 497400.797	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



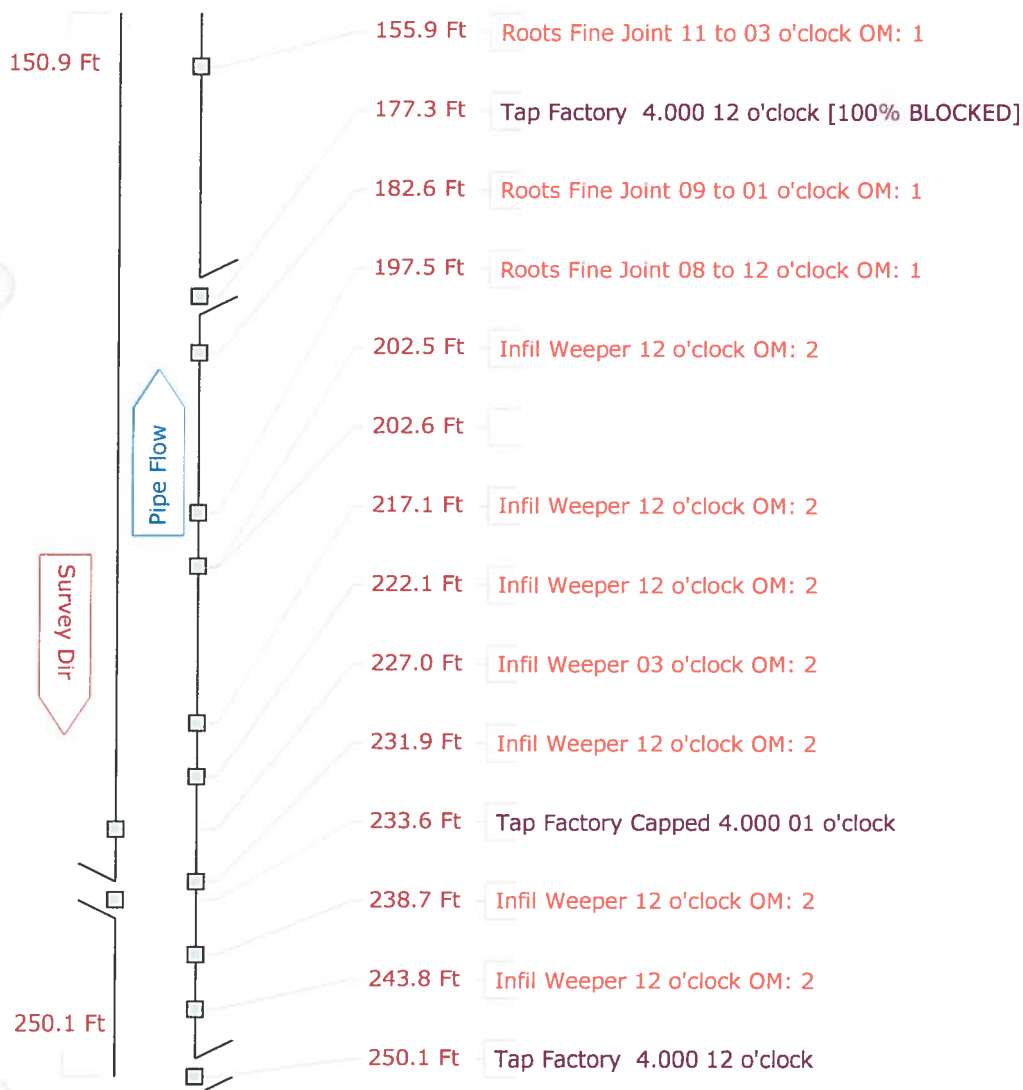
Pipe Graphic Report of PSR CO 96068 (1-1-9) A for COLONY COVE INITIAL CCTV SANITARY

Setup 21	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 14:40	Street DEN HELDER AVE
City ELLENTON	Further location details CO 96068.1 208 DEN HELDER AVE		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish CO 96068 (1-1-9)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96068.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length Ft	Total length 250.4 Ft	Length Surveyed 250.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164231.044	Easting 497400.797	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



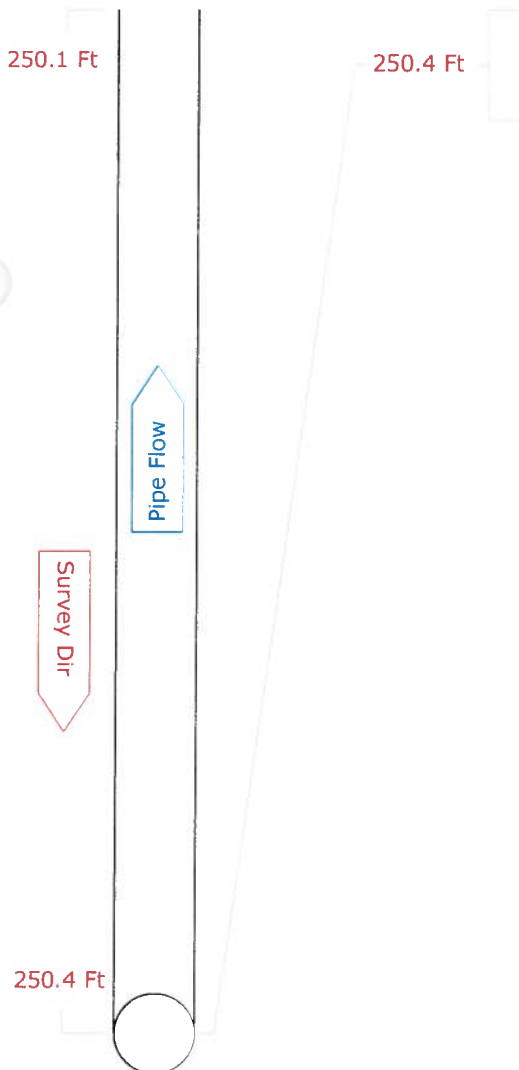
Pipe Graphic Report of PSR CO 96068 (1-1-9) A for COLONY COVE INITIAL CCTV SANITAR

Setup	21	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/16	Time	14:40	Street	DEN HELDER AVE
City	ELLENTON	Further location details	CO 96068.1 208 DEN HELDER AVE				
Start	9667 (1-1-8)	Rim to invert	6.60	Grade to invert		Rim to grade	Ft
Finish	CO 96068 (1-1-9)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO 96068.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/04/16
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	250.4	Ft	Length Surveyed 250.40
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1164231.044	Easting	497400.797	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



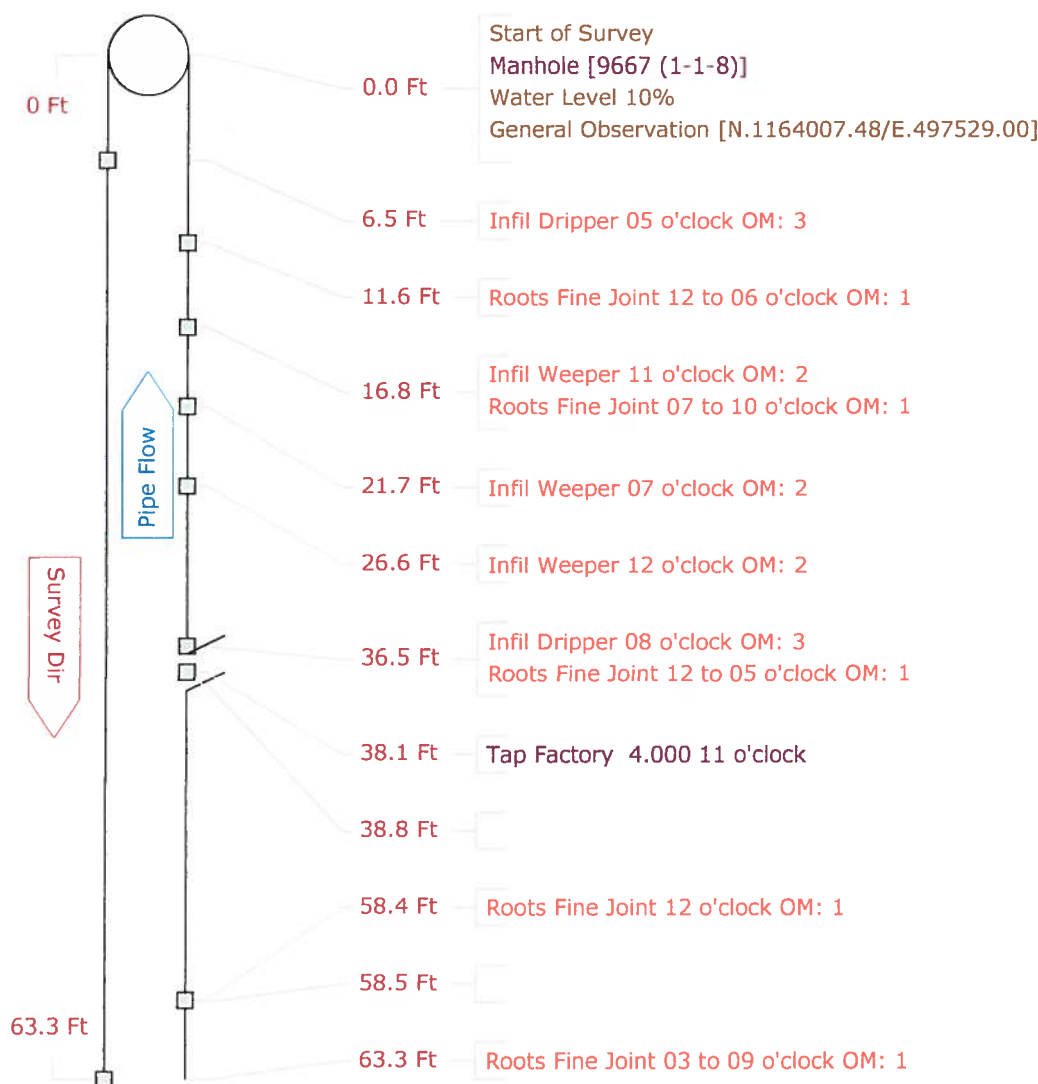
Pipe Graphic Report of PSR CO 96068 (1-1-9) A for COLONY COVE INITIAL CCTV SANITAR

Setup 21	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 14:40	Street DEN HELDER AVE
City ELLENTON	Further location details CO 96068.1 208 DEN HELDER AVE		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish CO 96068 (1-1-9)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96068.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length Ft	Total length 250.4 Ft	Length Surveyed 250.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Constructional
Project		Work Order	
Northing 1164231.044	Easting 497400.797	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



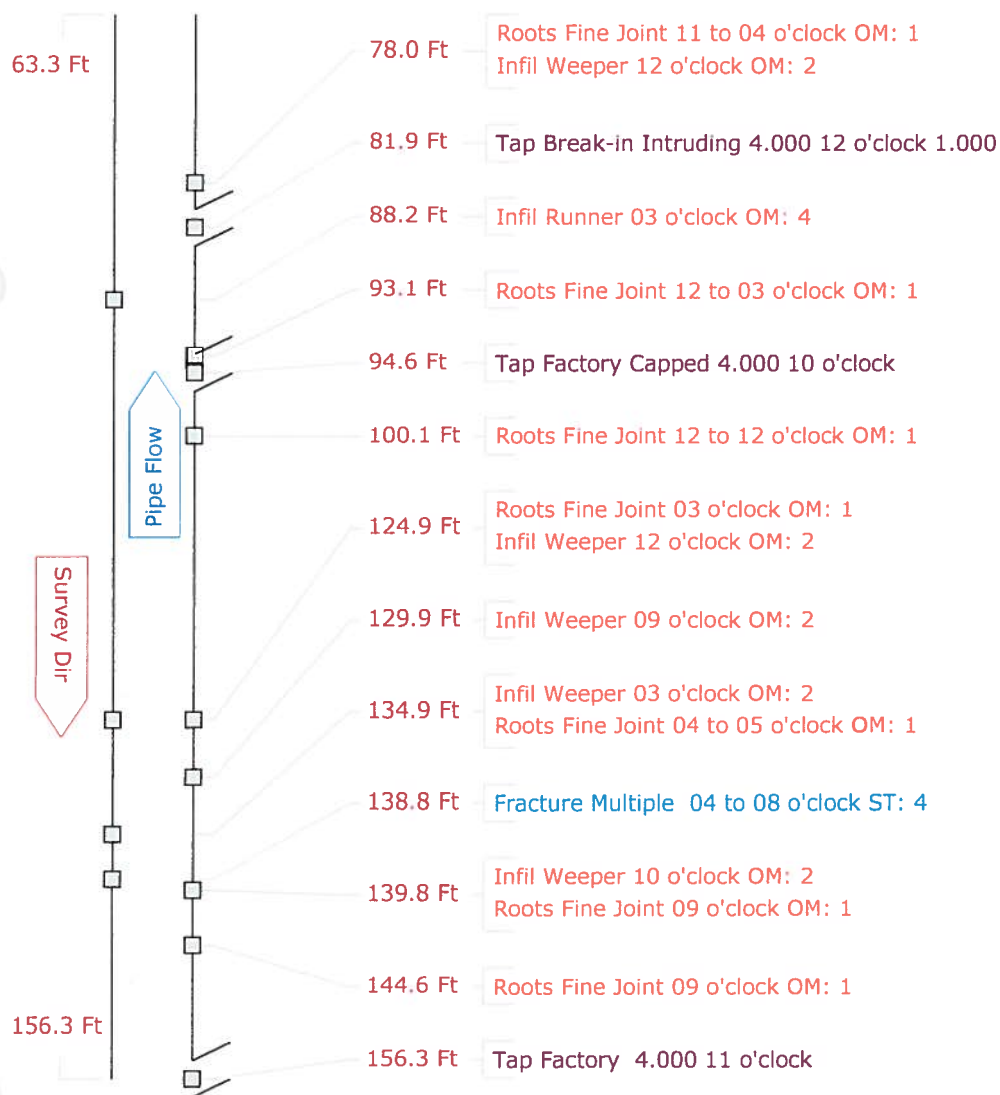
Pipe Graphic Report of PSR CO 96066 X **for** COLONY COVE INITIAL CCTV SANITAR

Setup 22	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 12:58	Street HOLLAND ST
City ELLENTON	Further location details CO 96066.1 202 HOLLAND ST		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish CO 96066	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96066.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length Ft	Total length 277.9 Ft	Length Surveyed 277.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163873.352	Easting 497285.200	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



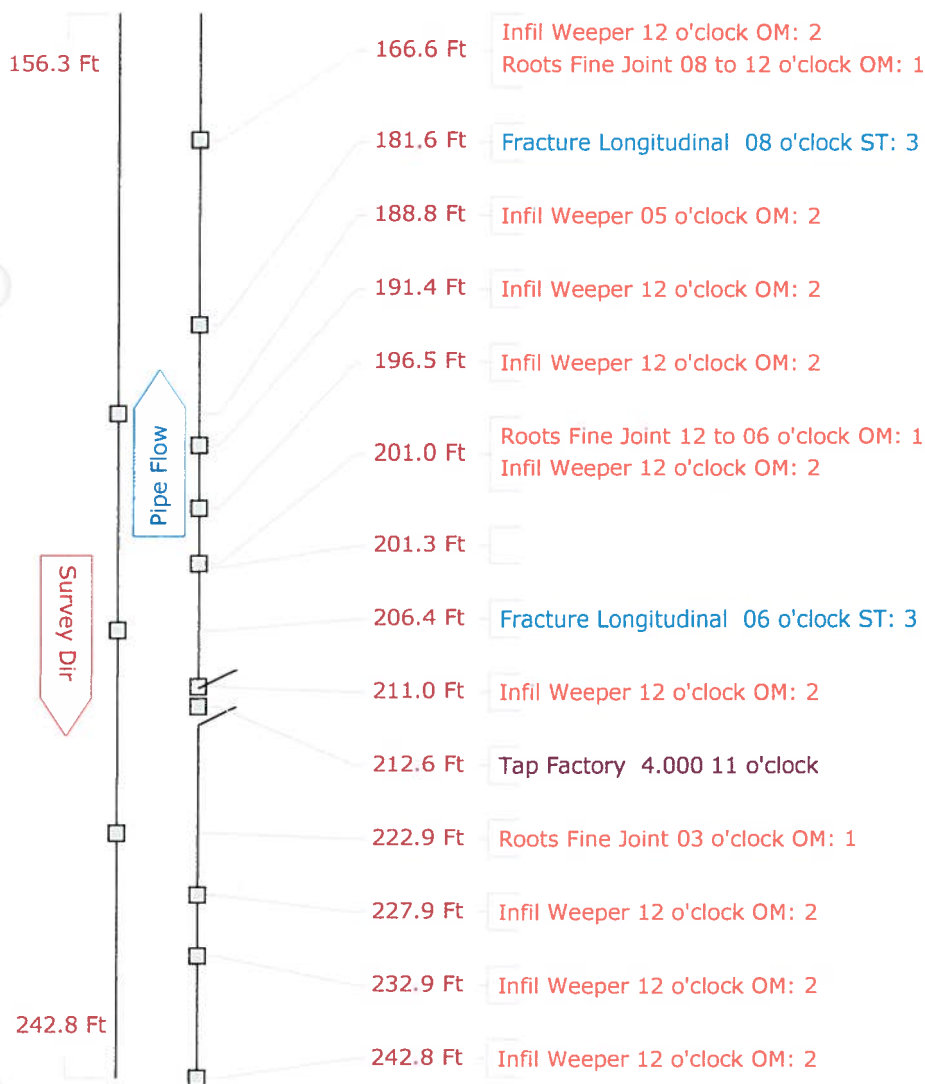
Pipe Graphic Report of PSR CO 96066 X for COLONY COVE INITIAL CCTV SANITAR

Setup 22	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 12:58	Street HOLLAND ST
City ELLENTON	Further location details CO 96066.1 202 HOLLAND ST		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish CO 96066	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96066.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length Ft	Total length 277.9 Ft	Length Surveyed 277.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163873.352	Easting 497285.200	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



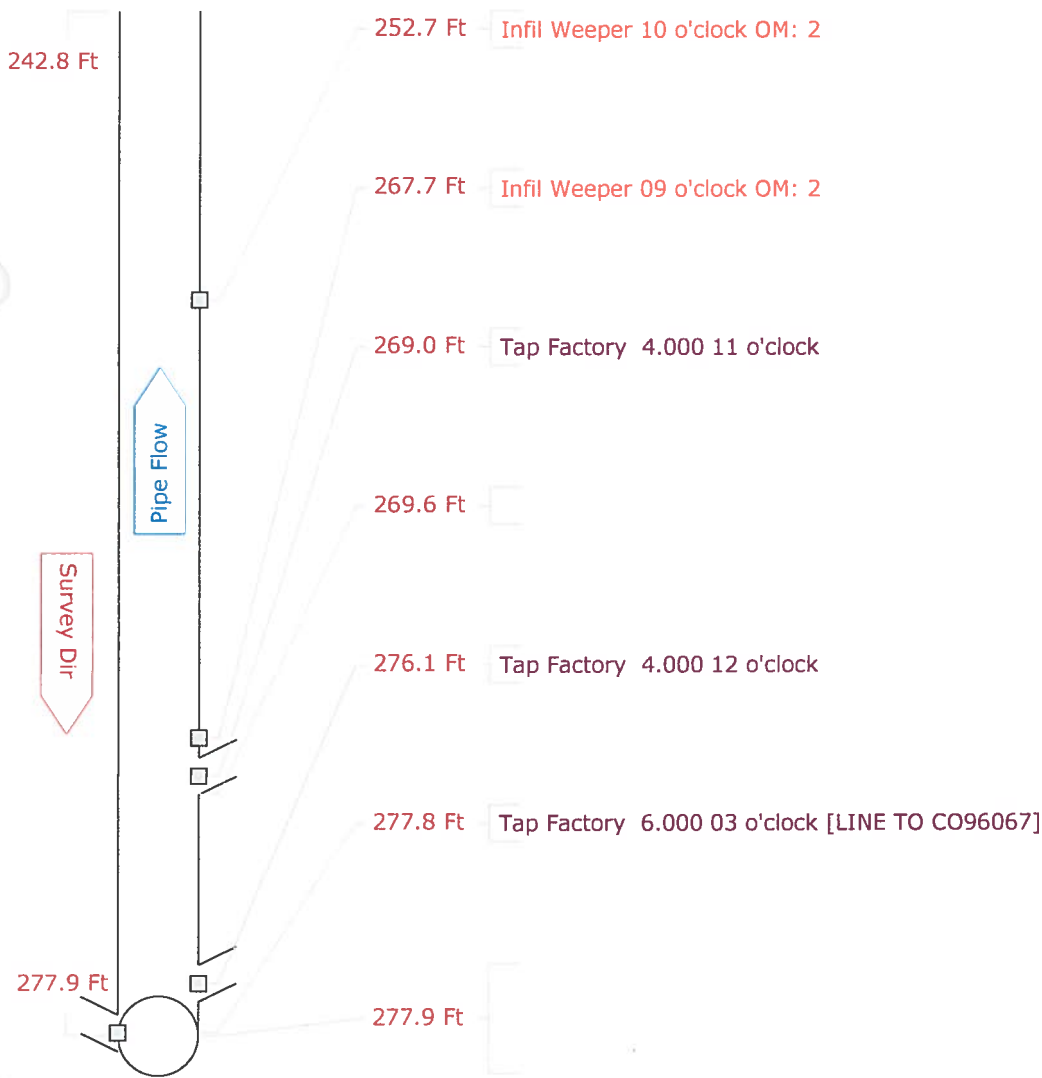
Pipe Graphic Report of PSR CO 96066 X for COLONY COVE INITIAL CCTV SANITAR

Setup	22	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/04	Time	12:58	Street	HOLLAND ST
City	ELLENTON	Further location details	CO 96066.1 202 HOLLAND ST				
Start	9667 (1-1-8)	Rim to invert	6.60	Grade to invert		Rim to grade	Ft
Finish	CO 96066	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO 96066.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/04/04
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	277.9	Ft	Length Surveyed 277.90
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163873.352	Easting	497285.200	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



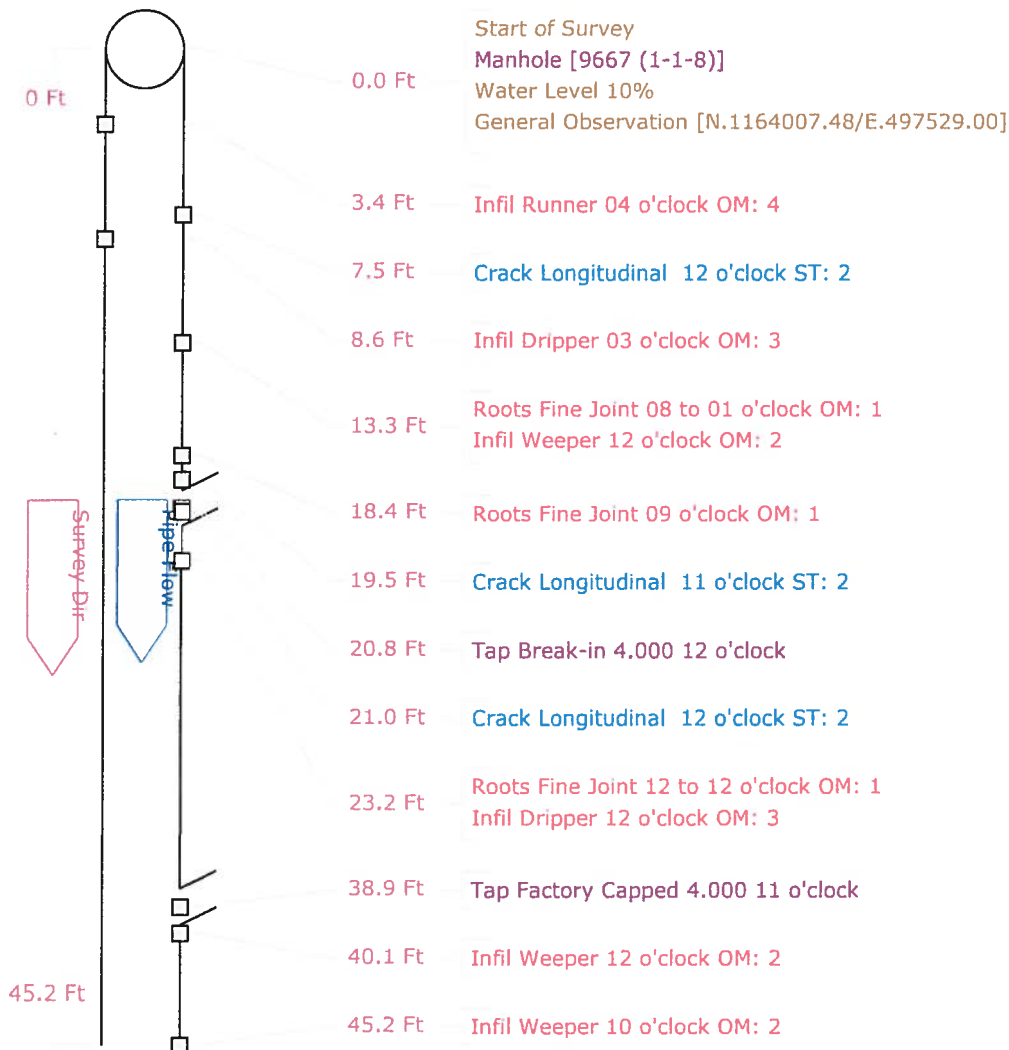
Pipe Graphic Report of PSR CO 96066 X **for** COLONY COVE INITIAL CCTV SANITAR

Setup 22	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 12:58	Street HOLLAND ST
City ELLENTON	Further location details CO 96066.1 202 HOLLAND ST		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish CO 96066	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96066.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length Ft	Total length 277.9 Ft	Length Surveyed 277.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163873.352	Easting 497285.200	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



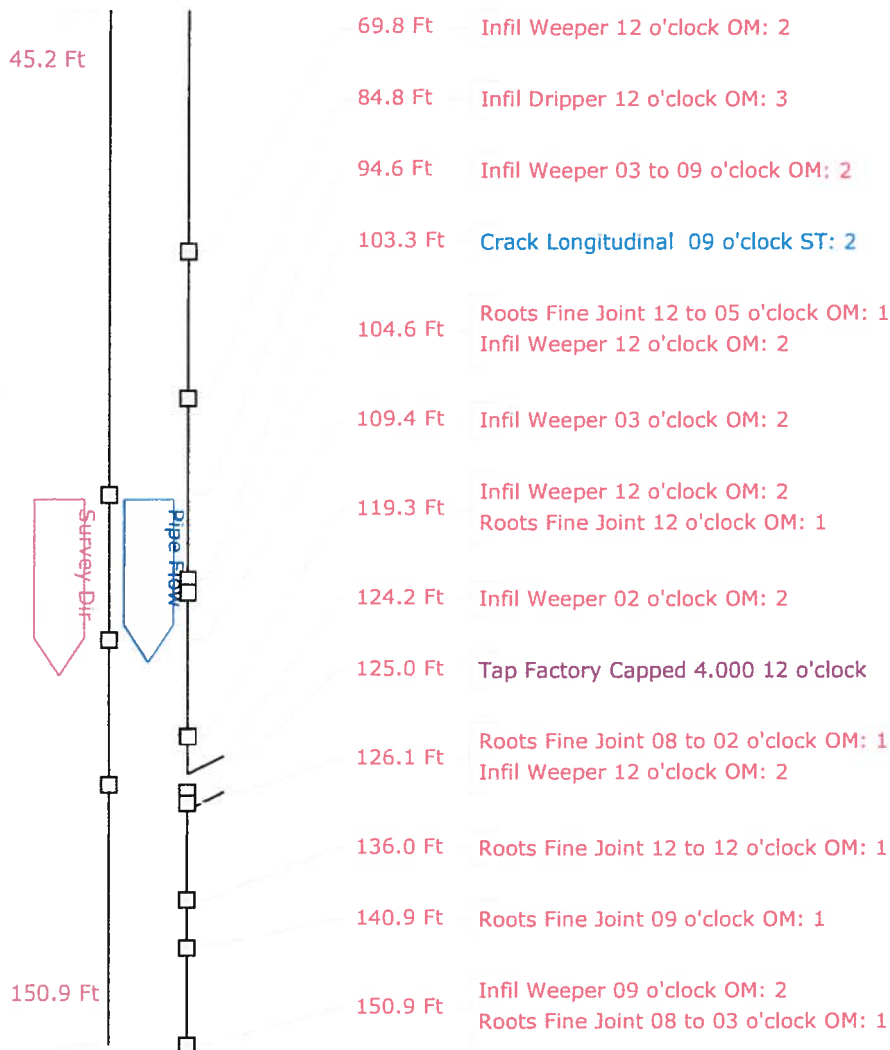
Pipe Graphic Report of PSR 9667 (1-1-8) X for COLONY COVE INITIAL CCTV SANITARY

Setup	23	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer COLONY COVE						
P/O #	Date		2012/04/04	Time	14:18	Street	HOLLAND ST
City	ELLENTON		Further location details 9667.1 212 HOLLAND ST				
Start	9667 (1-1-8)		Rim to invert	6.60	Grade to invert	Rim to grade	Ft
Finish	9027 (1-1-7)		Rim to invert	5.00	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Downstream	Flow control	Media No	9667.1
Shape	Circular		Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	166.6	Ft
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose					Cat		
Additional info	SOUTHEAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	Work Order						
Northing	1164007.48		Easting	497529.00		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



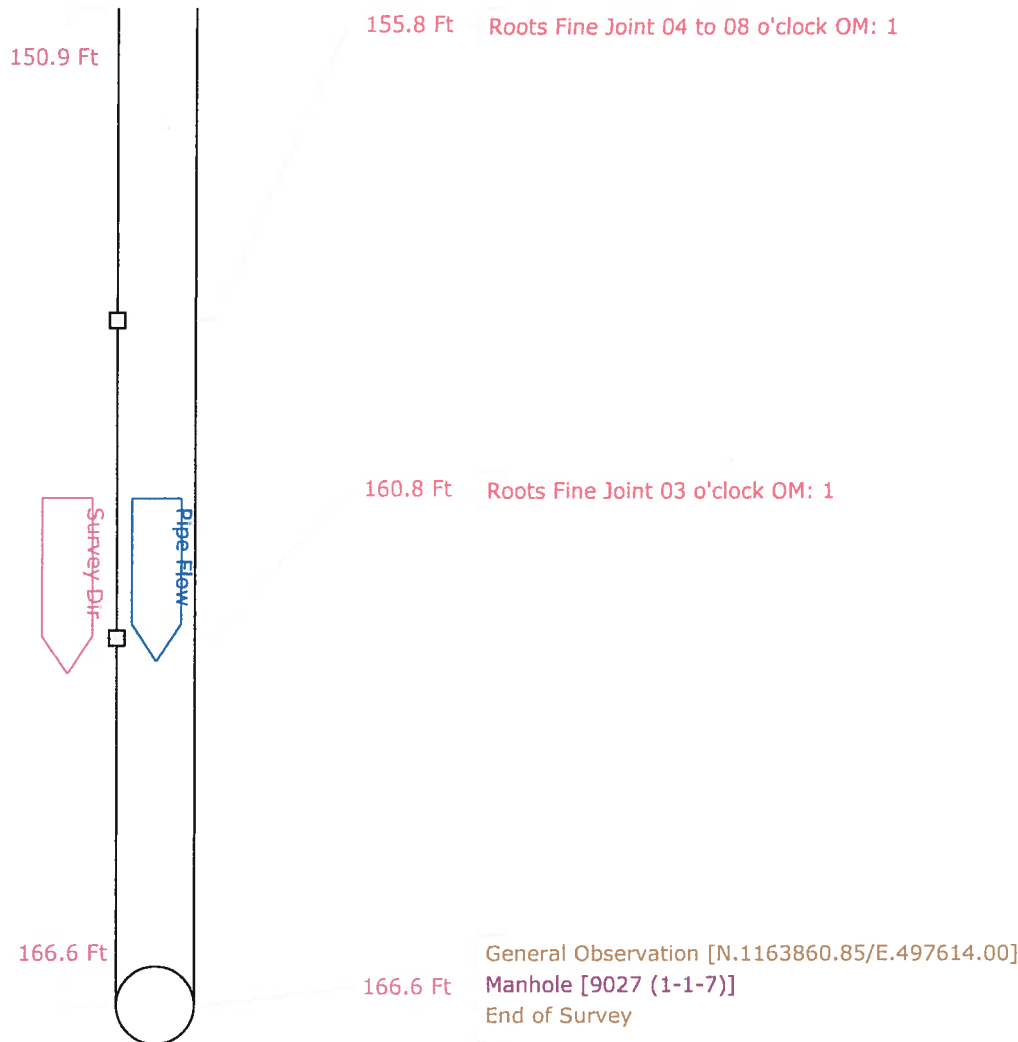
Pipe Graphic Report of PSR 9667 (1-1-8) X for COLONY COVE INITIAL CCTV SANITAR

Setup	23	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/04	Time	14:18	Street	HOLLAND ST
City	ELLENTON	Further location details	9667.1 212 HOLLAND ST				
Start	9667 (1-1-8)	Rim to invert	6.60	Grade to invert		Rim to grade	Ft
Finish	9027 (1-1-7)	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9667.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	166.6	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
Northing	1164007.48	Easting	497529.00	Elevation		Work Order	
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



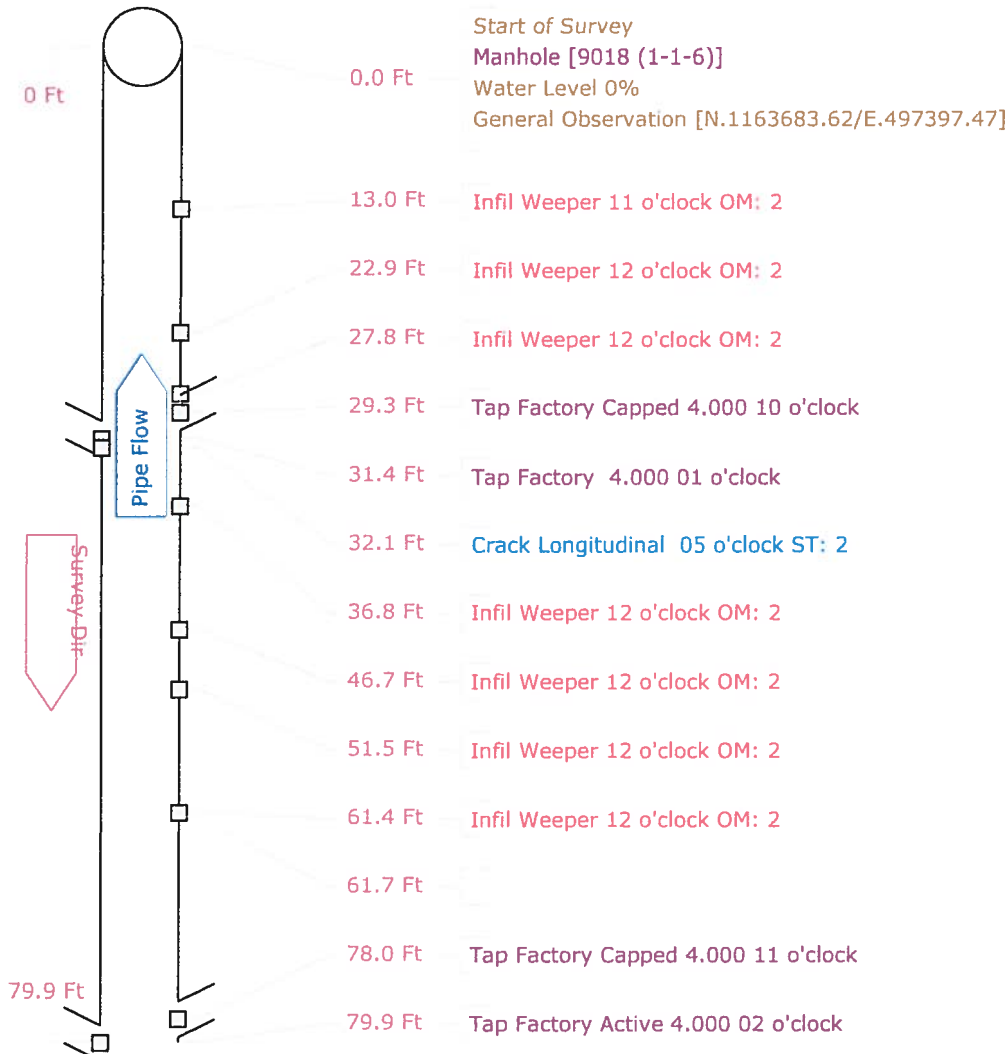
Pipe Graphic Report of PSR 9667 (1-1-8) X for COLONY COVE INITIAL CCTV SANITARY

Setup 23	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/04	Time 14:18	Street HOLLAND ST
City ELLENTON	Further location details 9667.1 212 HOLLAND ST		
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish 9027 (1-1-7)	Rim to invert 5.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 9667.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 166.6	Ft Length Surveyed 166.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHEAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1164007.48	Easting 497529.00	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



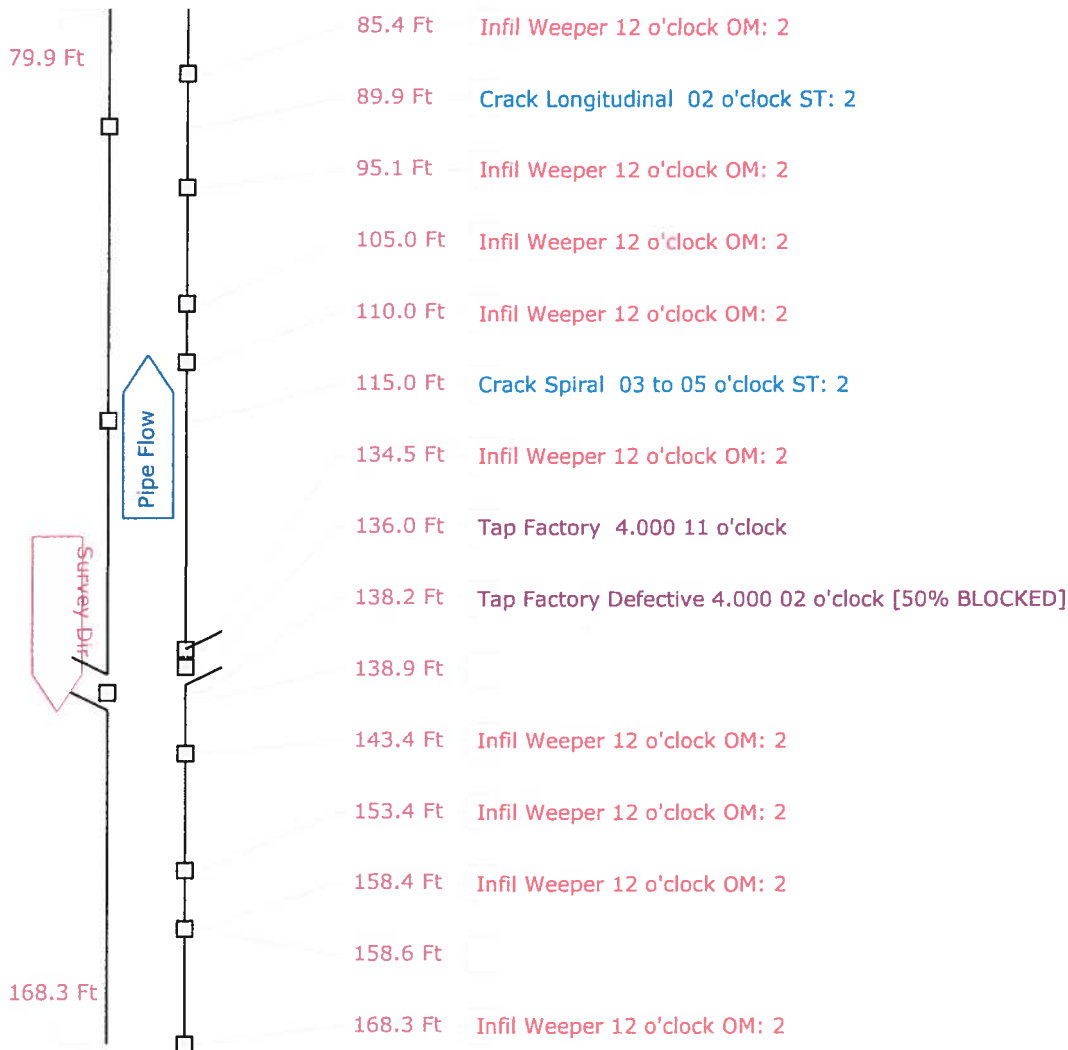
Pipe Graphic Report of PSR 9027 (1-1-7) X for COLONY COVE INITIAL CCTV SANITARY

Setup	24	Surveyor	TIM	Certificate #	U-07-1521		System Owner	COLONY COVE	
Drainage	Survey Customer			COLONY COVE					
P/O #	Date		2012/04/09	Time	8:59	Street	HOLLAND ST		
City	ELLENTON		Further location details		9027.1 213 HOLLAND ST				
Start	9018 (1-1-6)			Rim to invert	5.10	Grade to invert	Rim to grade		Ft
Finish	9027 (1-1-7)			Rim to invert	5.00	Grade to invert	Rim to grade		Ft
Use	Sanitary			Direction	Upstream		Flow control	Media No	9027.1
Shape	Circular			Height	8	Width	ins Preclean J		Year Cleaned 2012/04/09
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	362.1	Ft	Length Surveyed 362.10
Lining				Year laid	Year rehabilitated		Weather	Dry	
Purpose				Cat					
Additional info	NORTHEAST					Structural		O&M	Constructional
Location	Easement/Right of Way					Miscellaneous		Hydraulic	
Project						Work Order			
Northing	1163860.85			Easting	497614.00		Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy			



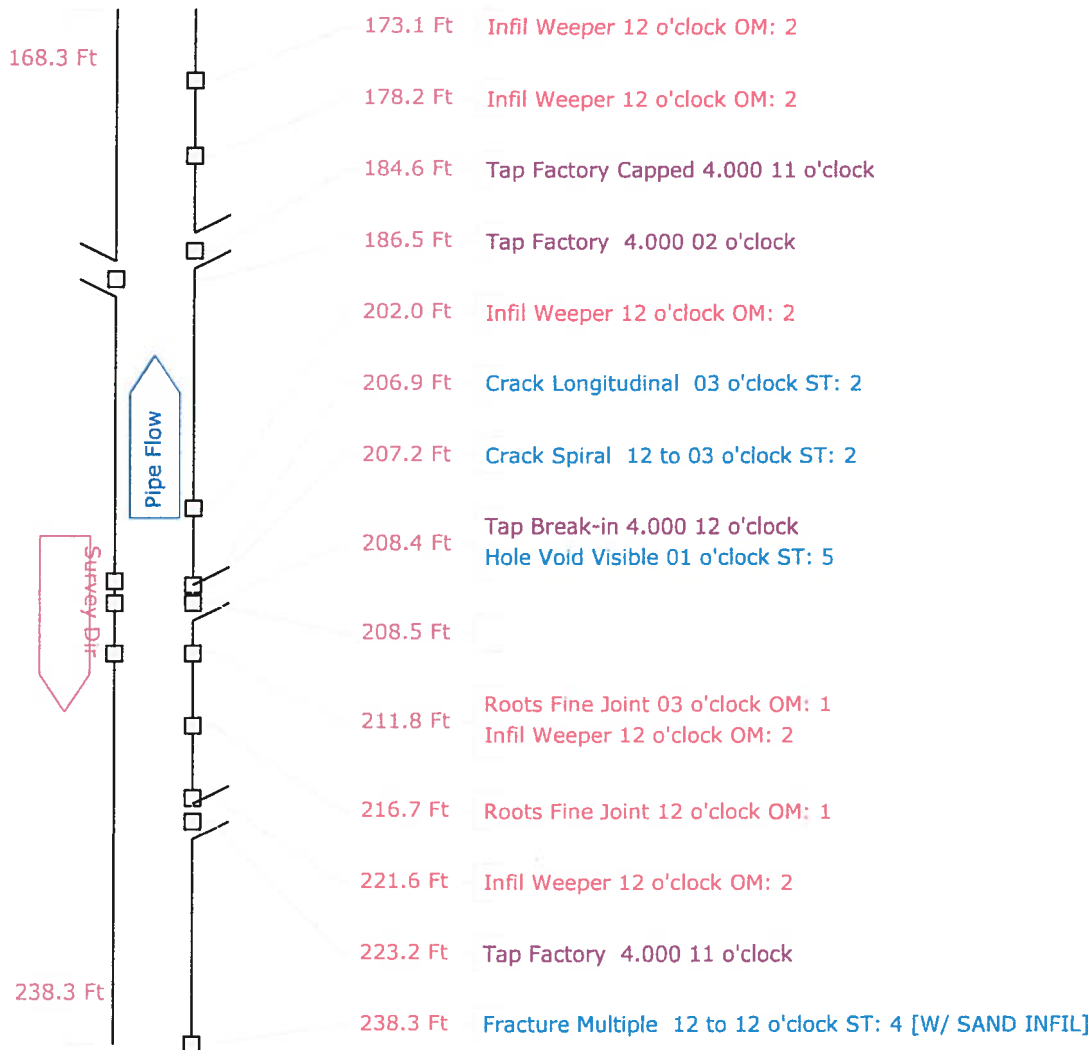
Pipe Graphic Report of PSR 9027 (1-1-7) X for COLONY COVE INITIAL CCTV SANITARY

Setup	24	Surveyor	TIM	Certificate #	U-07-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/09	Time	8:59	Street	HOLLAND ST
City	ELLENTON	Further location details	9027.1 213 HOLLAND ST				
Start	9018 (1-1-6)	Rim to invert	5.10	Grade to invert		Rim to grade	Ft
Finish	9027 (1-1-7)	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	9027.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	362.1	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163860.85	Easting	497614.00	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



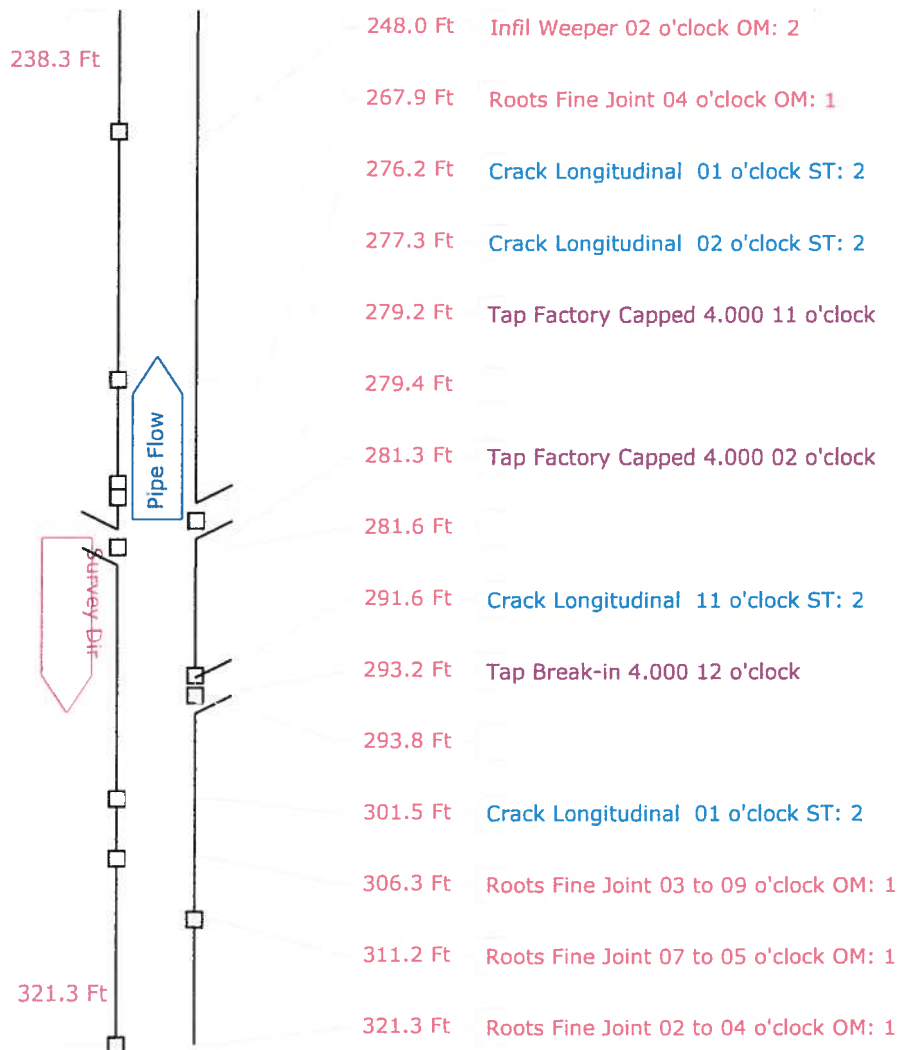
Pipe Graphic Report of PSR 9027 (1-1-7) X for COLONY COVE INITIAL CCTV SANITAR

Setup 24	Surveyor TIM	Certificate #	U-07-1521		System Owner	COLONY COVE	
Drainage	Survey Customer		COLONY COVE				
P/O #	Date	2012/04/09	Time	8:59	Street	HOLLAND ST	
City	ELLENTON		Further location details		9027.1 213 HOLLAND ST		
Start	9018 (1-1-6)		Rim to invert	5.10	Grade to invert	Rim to grade	Ft
Finish	9027 (1-1-7)		Rim to invert	5.00	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 9027.1
Shape	Circular		Height	8	Width	ins Preclean J Year Cleaned 2012/04/09	
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	362.1	Ft Length Surveyed 362.10
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose					Cat		
Additional info	NORTHEAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project					Work Order		
Northing	1163860.85		Easting	497614.00		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



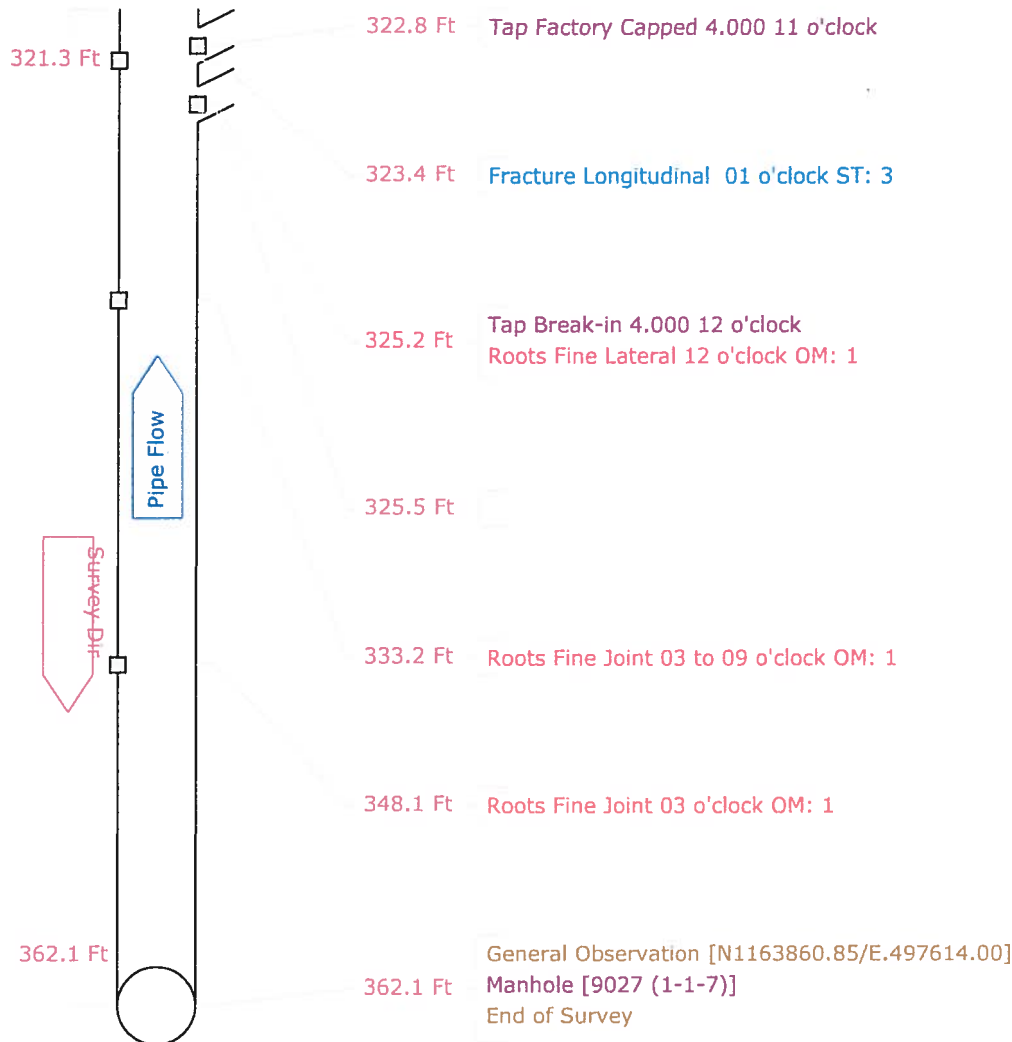
Pipe Graphic Report of PSR 9027 (1-1-7) X for COLONY COVE INITIAL CCTV SANITAR

Setup 24	Surveyor TIM	Certificate # U-07-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/09	Time 8:59	Street HOLLAND ST
City ELLENTON	Further location details 9027.1 213 HOLLAND ST		
Start 9018 (1-1-6)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Finish 9027 (1-1-7)	Rim to invert 5.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9027.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length 362.1	Ft Length Surveyed 362.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST	<div><div>Structural</div><div>O&M</div><div>Constructional</div></div>		
Location Easement/Right of Way	<div><div>Miscellaneous</div><div>Hydraulic</div></div>		
Project	Work Order		
Northing 1163860.85	Easting 497614.00	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



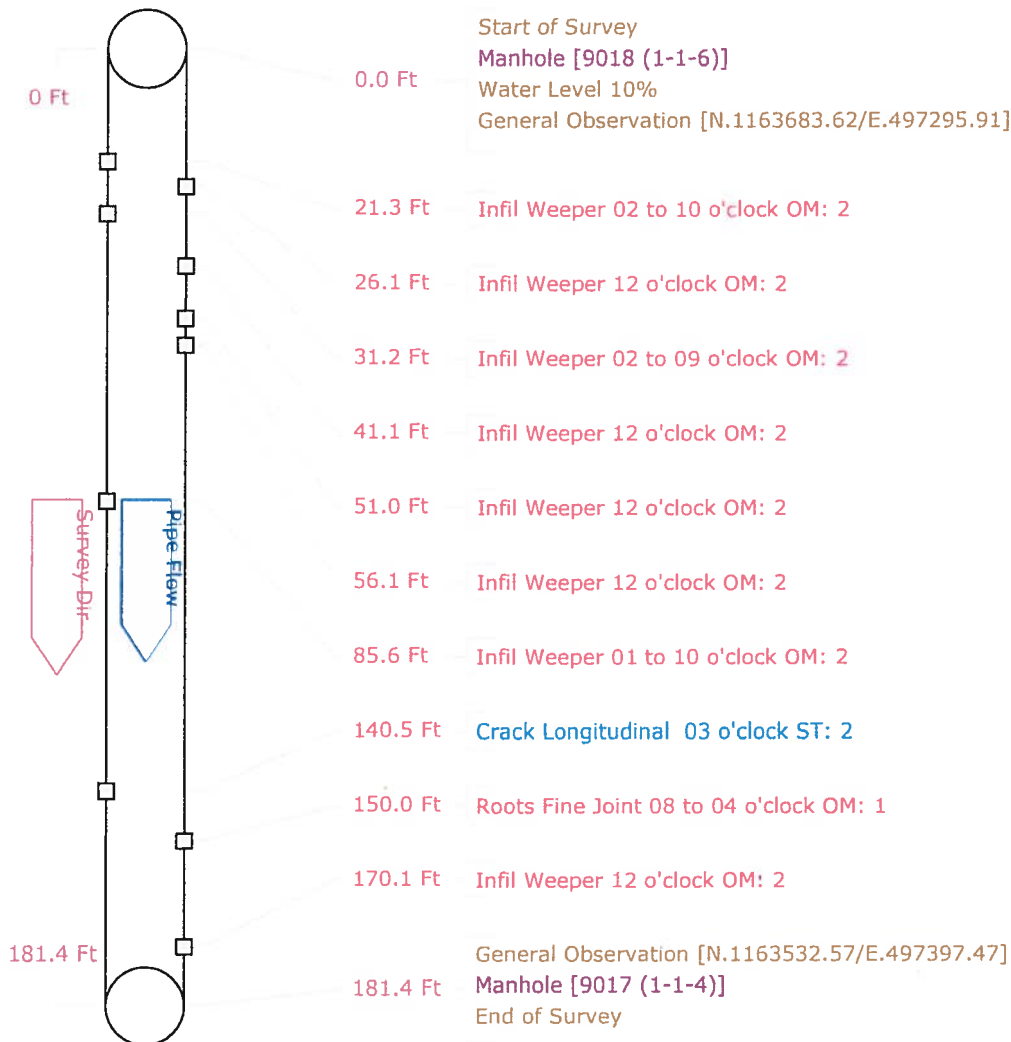
Pipe Graphic Report of PSR 9027 (1-1-7) X for COLONY COVE INITIAL CCTV SANITAR'

Setup	24	Surveyor	TIM	Certificate #	U-07-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/09	Time	8:59	Street	HOLLAND ST
City	ELLENTON	Further location details	9027.1 213 HOLLAND ST				
Start	9018 (1-1-6)	Rim to invert	5.10	Grade to invert		Rim to grade	Ft
Finish	9027 (1-1-7)	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	9027.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	362.1	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163860.85	Easting	497614.00	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



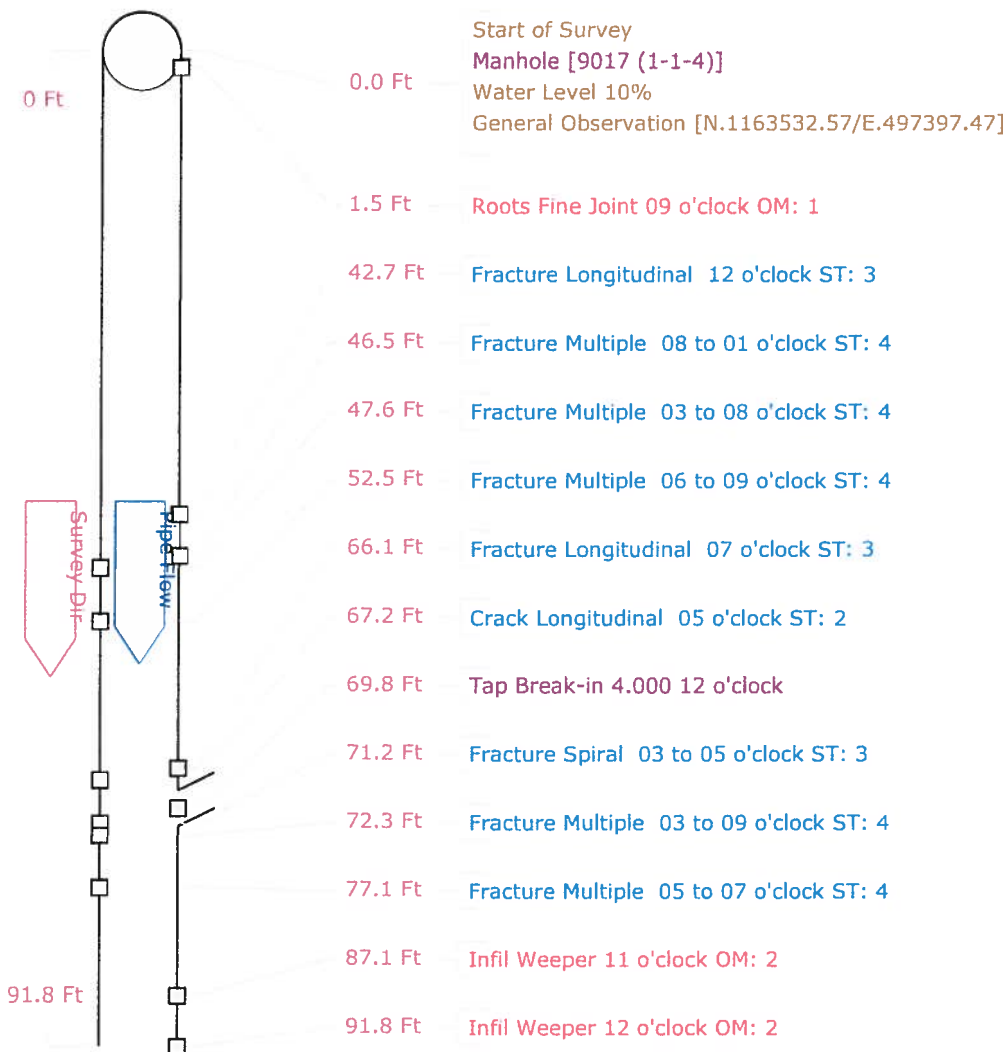
Pipe Graphic Report of PSR 9018 (1-1-6) X for COLONY COVE INITIAL CCTV SANITAR

Setup	25	Surveyor	TIM	Certificate #	U-07-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/09	Time	12:30	Street	HERLEEN ST
City	ELLENTON	Further location details	9018.1 202 HERLEEN ST				
Start	9018 (1-1-6)	Rim to invert	5.10	Grade to invert		Rim to grade	Ft
Finish	9017 (1-1-4)	Rim to invert	6.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9018.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	181.4	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
Northing	1163683.62	Easting	497295.91	Elevation		Work Order	
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



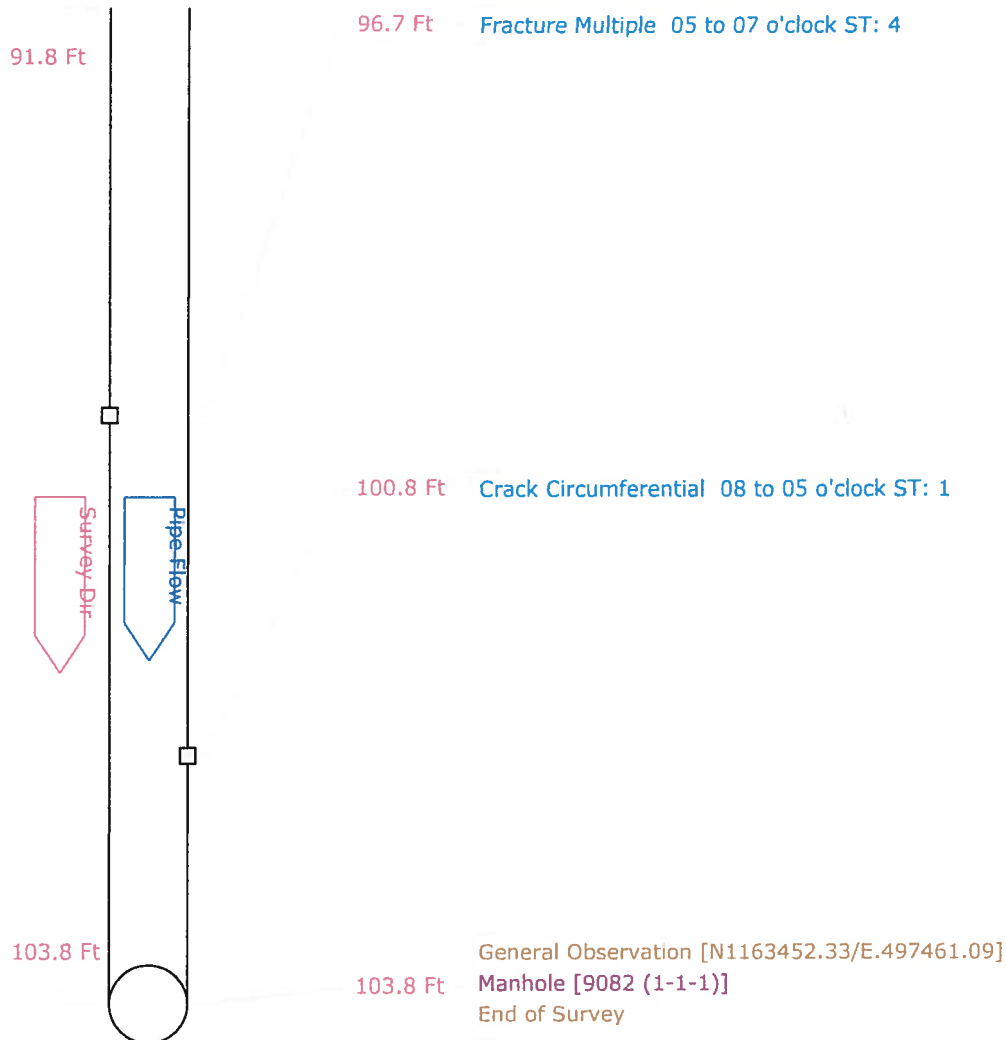
Pipe Graphic Report of PSR 9017 (1-1-4) X for COLONY COVE INITIAL CCTV SANITARY

Setup	26	Surveyor	TIM	Certificate #	U-07-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/09	Time	12:59	Street	N. UTRECHT ST
City	ELLENTON	Further location details	9017.1 201 N. UTRECHT ST				
Start	9017 (1-1-4)	Rim to invert	6.00	Grade to invert		Rim to grade	Ft
Finish	9082 (1-1-1)	Rim to invert	6.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9017.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	103.8	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163532.57	Easting	497397.47	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



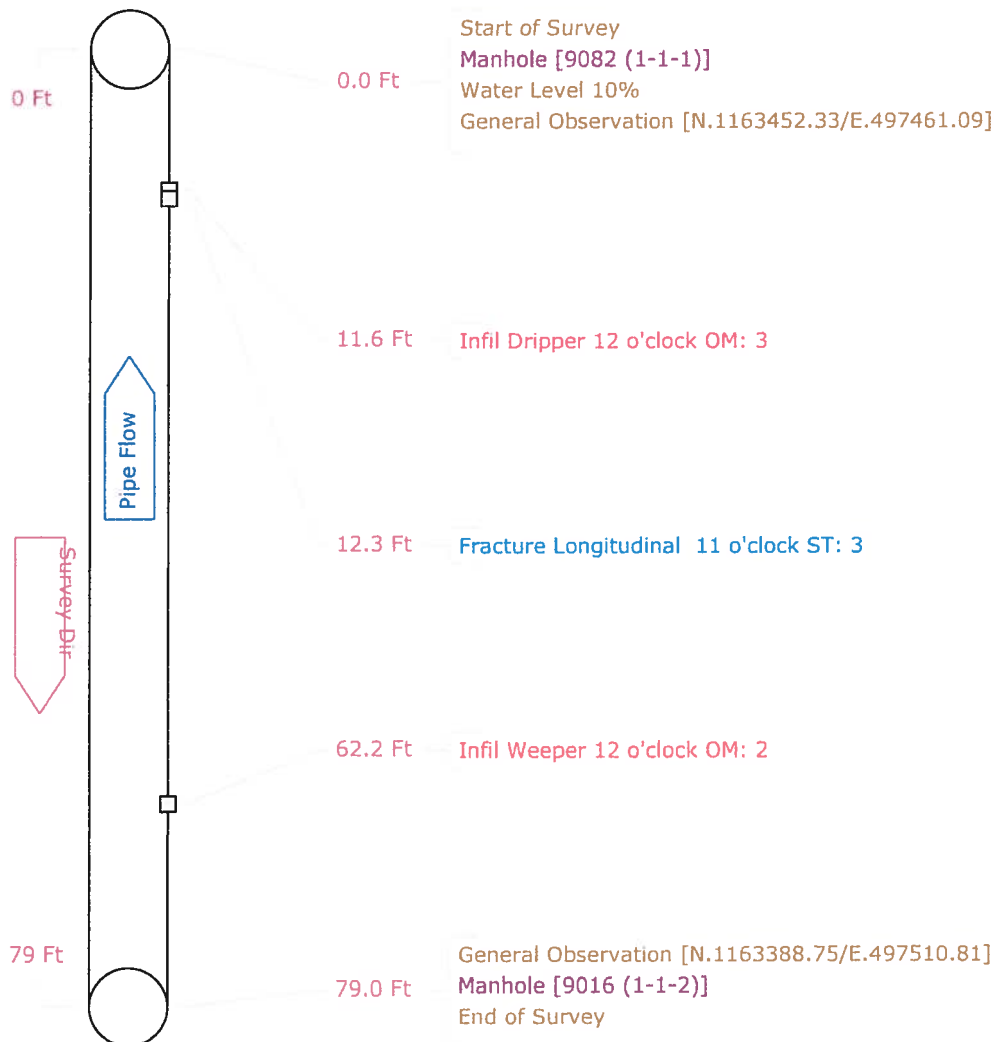
Pipe Graphic Report of PSR 9017 (1-1-4) X for COLONY COVE INITIAL CCTV SANITAR

Setup	26	Surveyor	TIM	Certificate #	U-07-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/09	Time	12:59	Street	N. UTRECHT ST
City	ELLENTON	Further location details	9017.1 201 N. UTRECHT ST				
Start	9017 (1-1-4)	Rim to invert	6.00	Grade to invert		Rim to grade	Ft
Finish	9082 (1-1-1)	Rim to invert	6.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9017.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	103.8	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
Northing	1163532.57	Easting	497397.47	Elevation		Work Order	
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



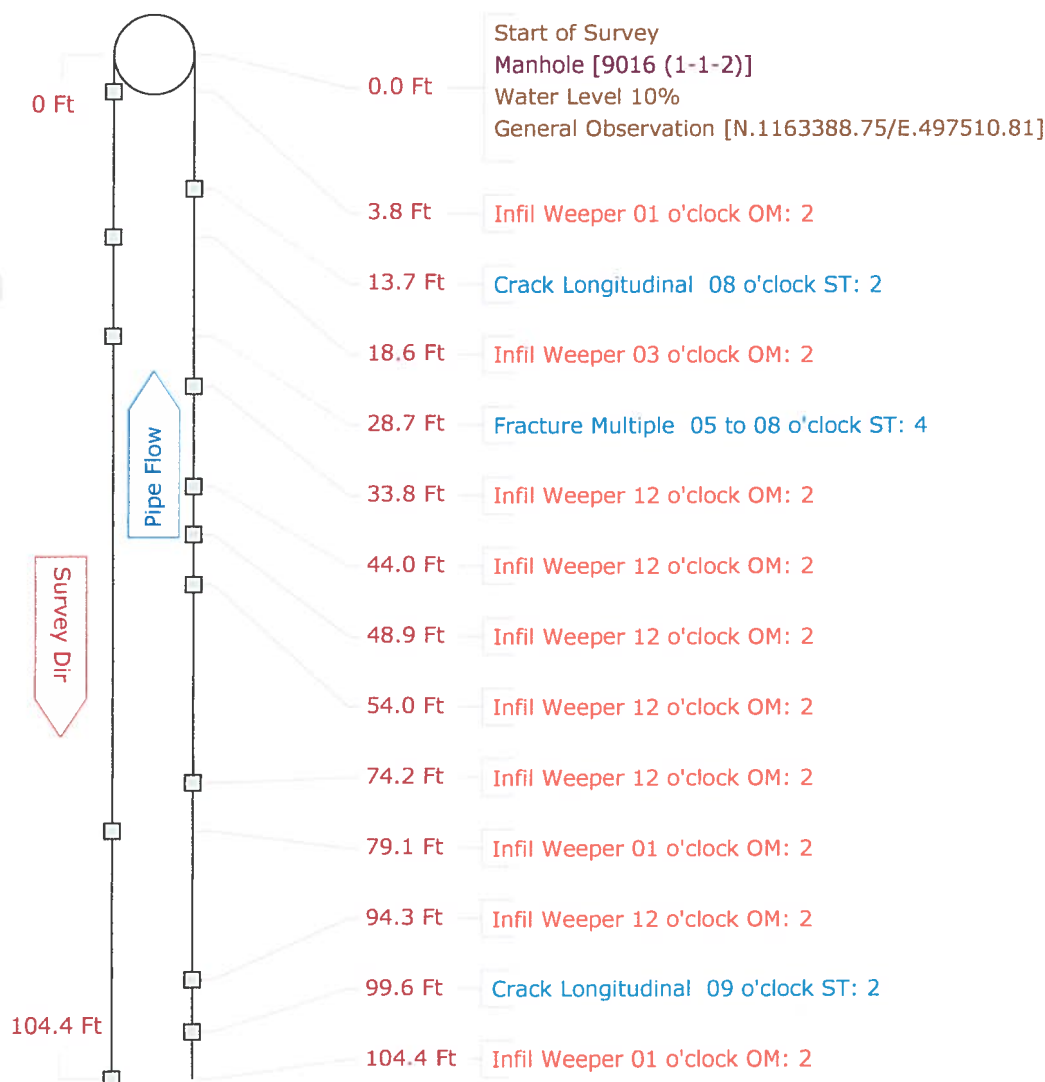
Pipe Graphic Report of PSR 9016 (1-1-2) X for COLONY COVE INITIAL CCTV SANITARY

Setup 27	Surveyor TIM	Certificate # U-07-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/09	Time 14:18	Street ENDHOVEN ST
City ELLENTON	Further location details 9016.1 223 ENDHOVEN ST		
Start 9082 (1-1-1)	Rim to invert 6.70	Grade to invert	Rim to grade Ft
Finish 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9016.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 79.0	Year Cleaned 2012/04/09
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHEAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1163388.75	Easting 497510.81	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



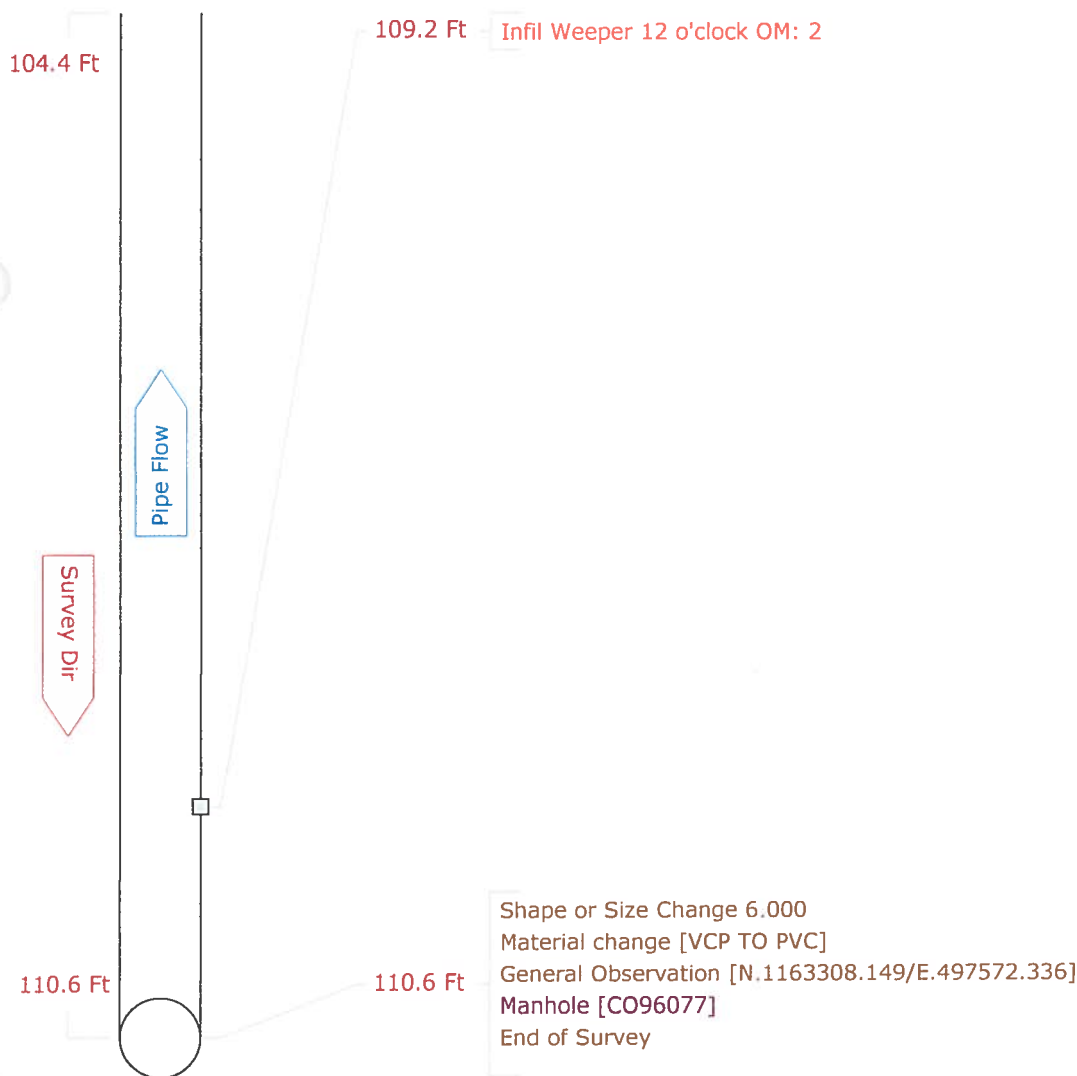
Pipe Graphic Report of PSR CO96077 A for COLONY COVE INITIAL CCTV SANITAR

Setup	28	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE	
Drainage		Survey Customer	COLONY COVE					
P/O #		Date	2012/04/16	Time	13:14	Street	ENDHOVEN ST	
City	ELLENTON	Further location details	CO96077.1 223 ENDHOVEN ST					
Start	9016 (1-1-2)	Rim to invert	6.90	Grade to invert		Rim to grade	Ft	
Finish	CO96077	Rim to invert		Grade to invert		Rim to grade	Ft	
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96077.1	
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/04/09	
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	110.6	Ft Length Surveyed 110.60	
Lining		Year laid		Year rehabilitated		Weather	Dry	
Purpose				Cat				
Additional info	SOUTHEAST					Structural	O&M	Constructional
Location	Easement/Right of Way					Miscellaneous	Hydraulic	
Project						Work Order		
Northing	1163308.149	Easting	497572.336	Elevation				
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy			



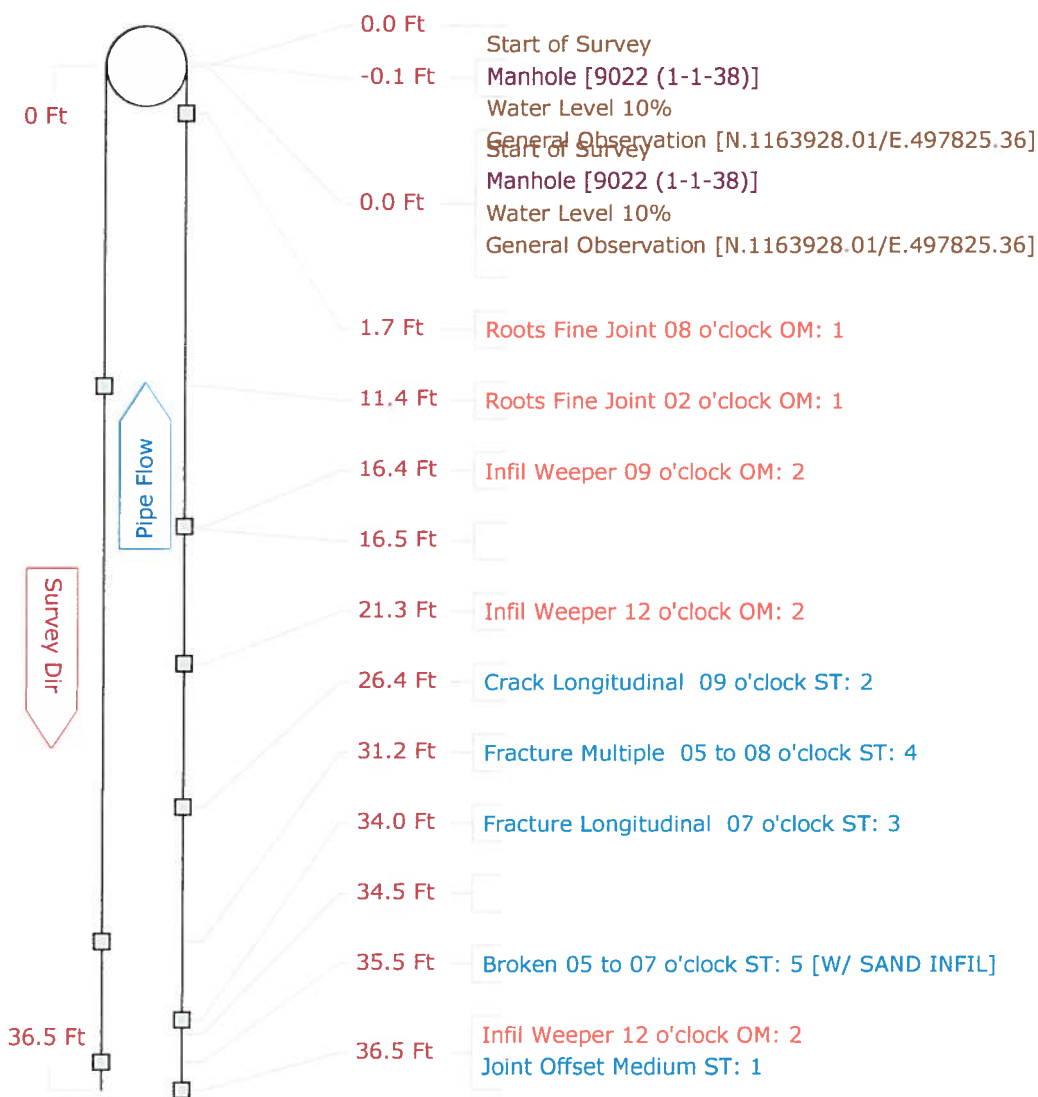
Pipe Graphic Report of PSR CO96077 A for COLONY COVE INITIAL CCTV SANITAR

Setup 28	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 13:14	Street ENHOVEN ST
City ELLENTON	Further location details CO96077.1 223 ENHOVEN ST		
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade Ft
Finish CO96077	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96077.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/09
Material Vitrified Clay Pipe	Joint length Ft	Total length 110.6 Ft	Length Surveyed 110.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHEAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163308.149	Easting 497572.336	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



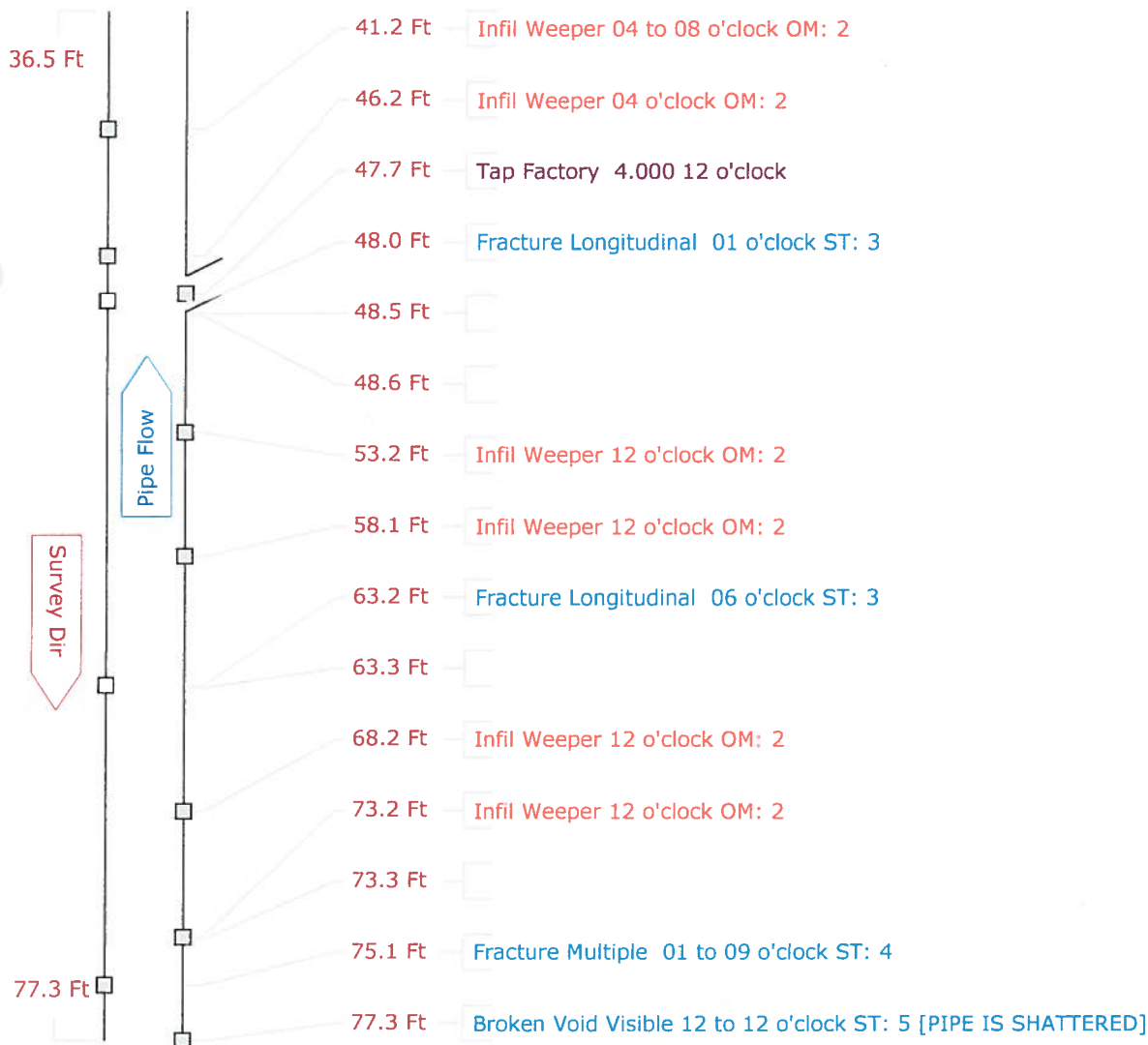
Pipe Graphic Report of PSR CO96063 (1-1-40) X for COLONY COVE INITIAL CCTV SANITAR

Setup 29	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/10	Time 11:02	Street HAGUE DR
City ELLENTON	Further location details CO96063.1 319 ALKMAAR ST		
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96063.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length Ft	Total length 280.5 Ft	Length Surveyed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164073.248	Easting 498065.311	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



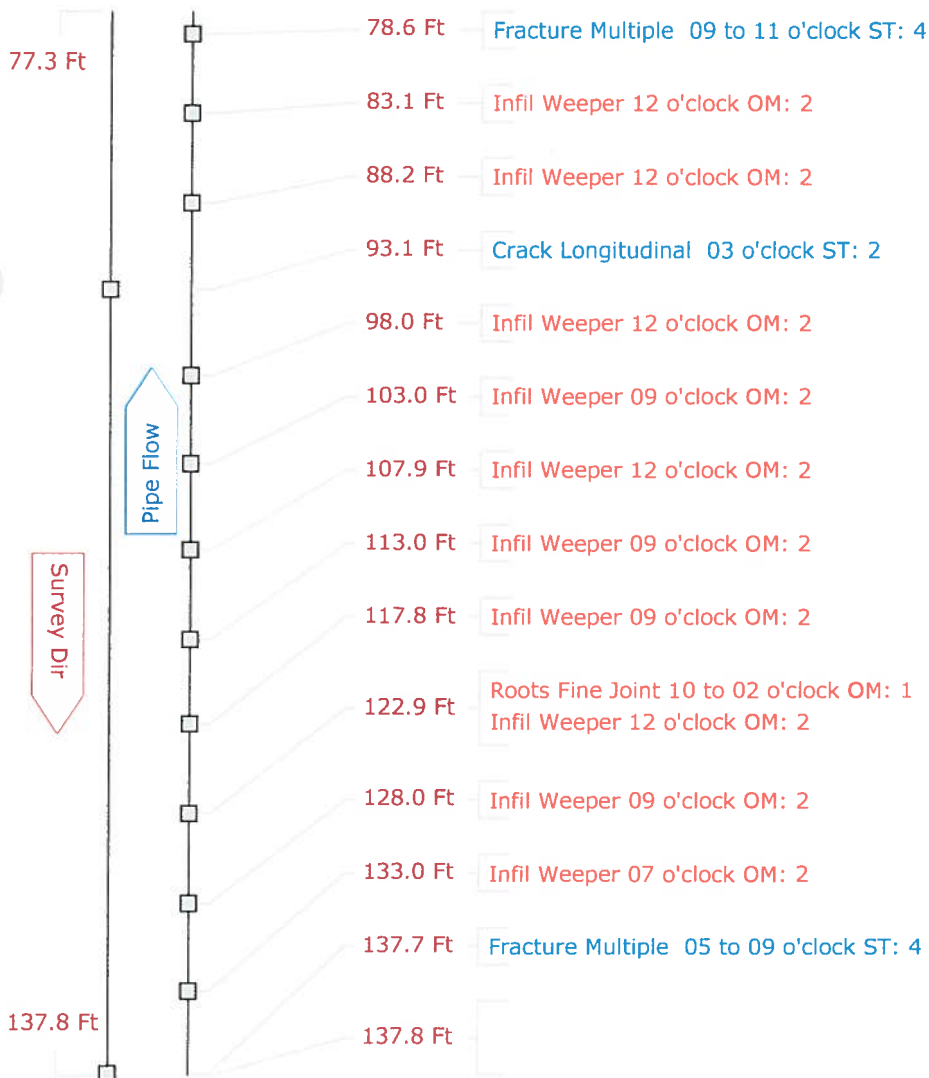
Pipe Graphic Report of PSR CO96063 (1-1-40) X for COLONY COVE INITIAL CCTV SANITAR

Setup 29	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/10	Time 11:02	Street HAGUE DR
City ELLENTON	Further location details CO96063.1 319 ALKMAAR ST		
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96063.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length Ft	Total length 280.5 Ft	Length Surveyed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1164073.248	Easting 498065.311	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



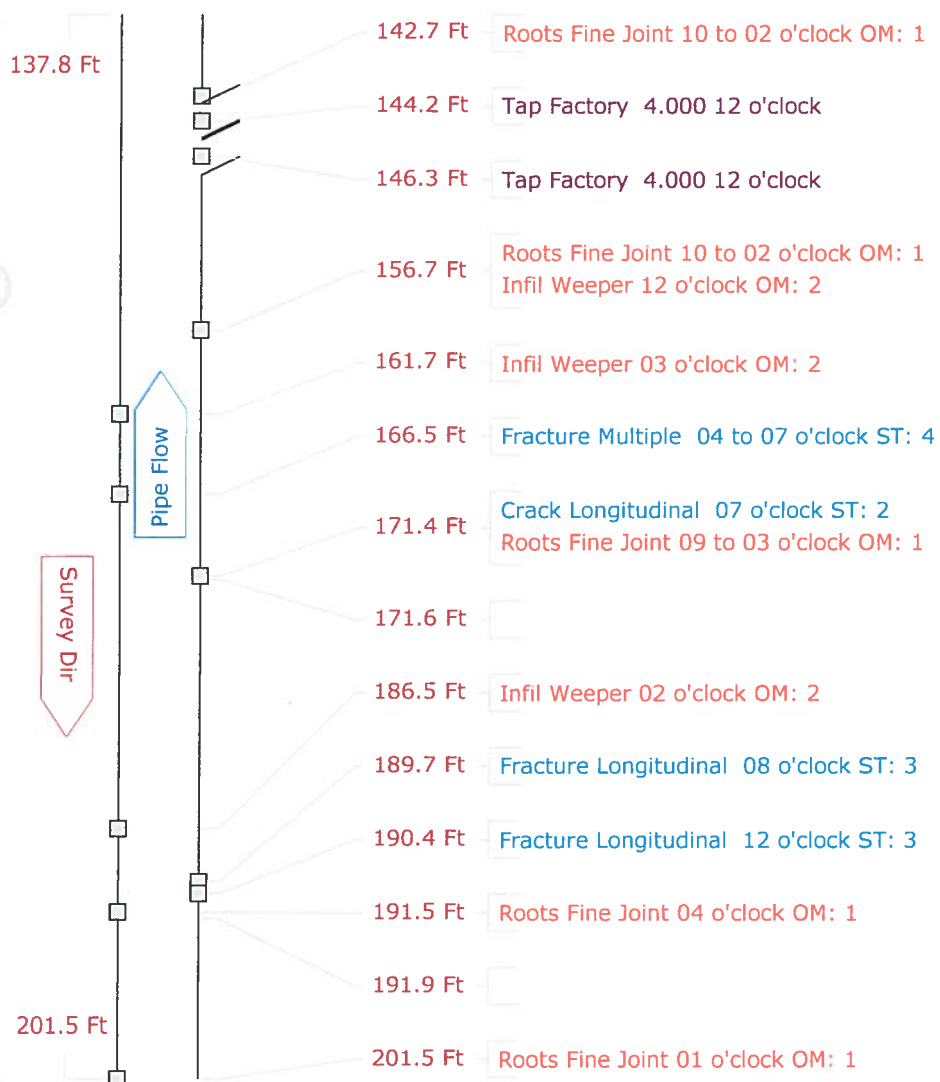
Pipe Graphic Report of PSR CO96063 (1-1-40) X for COLONY COVE INITIAL CCTV SANITAR

Setup 29	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/10	Time 11:02	Street HAGUE DR
City ELLENTON	Further location details CO96063.1 319 ALKMAAR ST		
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96063.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length 280.5	Ft Length Surveyed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164073.248	Easting 498065.311	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



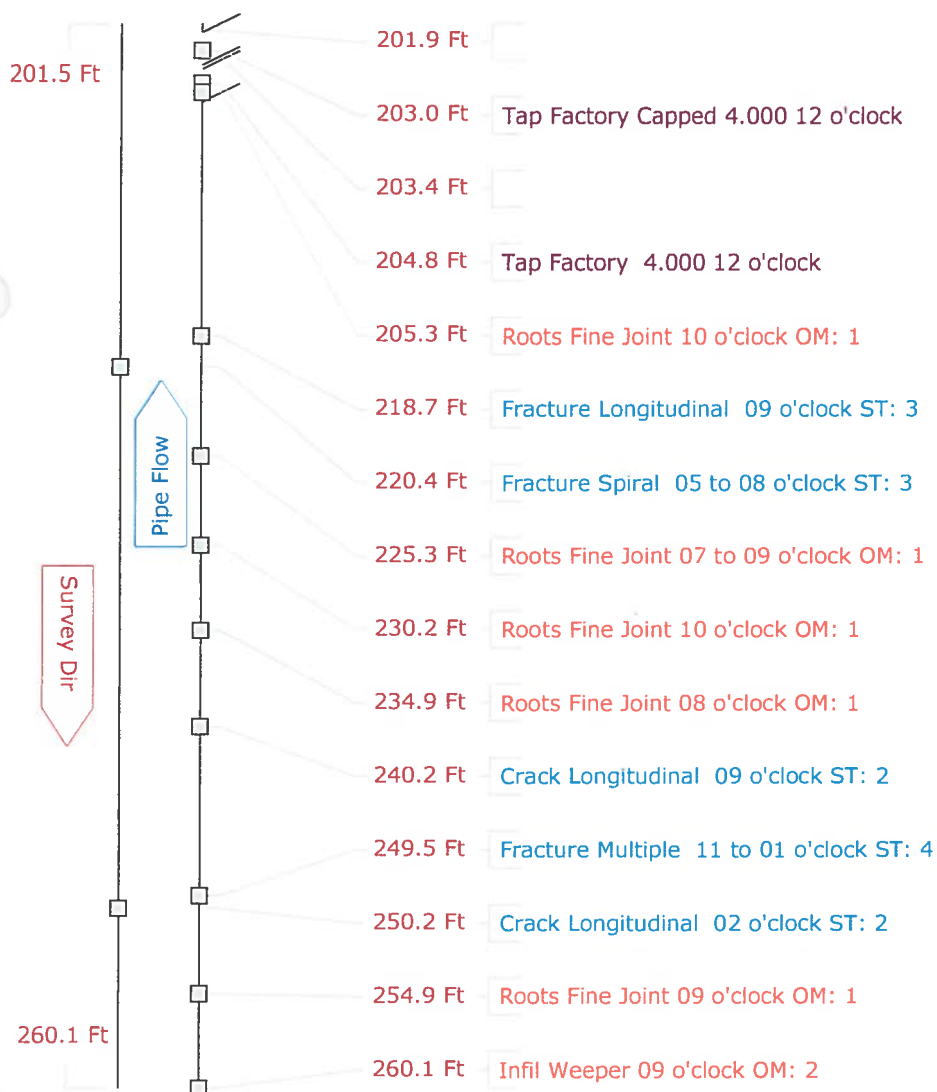
Pipe Graphic Report of PSR CO96063 (1-1-40) X for COLONY COVE INITIAL CCTV SANITAR

Setup 29	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/10	Time 11:02	Street HAGUE DR
City ELLENTON	Further location details CO96063.1 319 ALKMAAR ST		
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96063.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length 280.5	Ft Length Surveyed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164073.248	Easting 498065.311	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



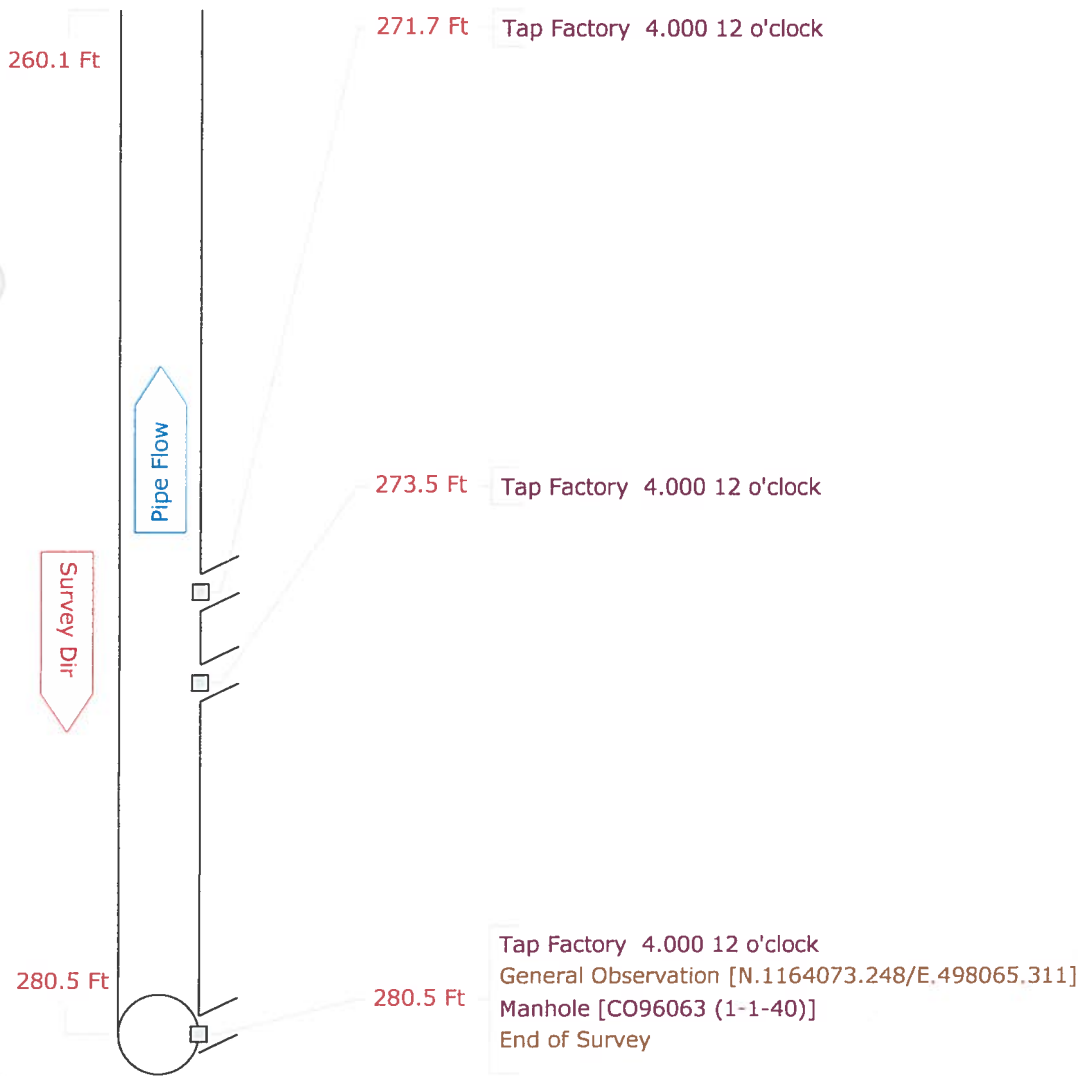
Pipe Graphic Report of PSR CO96063 (1-1-40) X for COLONY COVE INITIAL CCTV SANITAR

Setup	29	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/10	Time	11:02	Street	HAGUE DR
City	ELLENTON	Further location details	CO96063.1 319 ALKMAAR ST				
Start	9022 (1-1-38)	Rim to invert	9.70	Grade to invert		Rim to grade	Ft
Finish	CO96063 (1-1-40)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96063.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	280.5	Ft	Length Surveyed
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
Northing	1164073.248	Easting	498065.311	Elevation		Work Order	
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



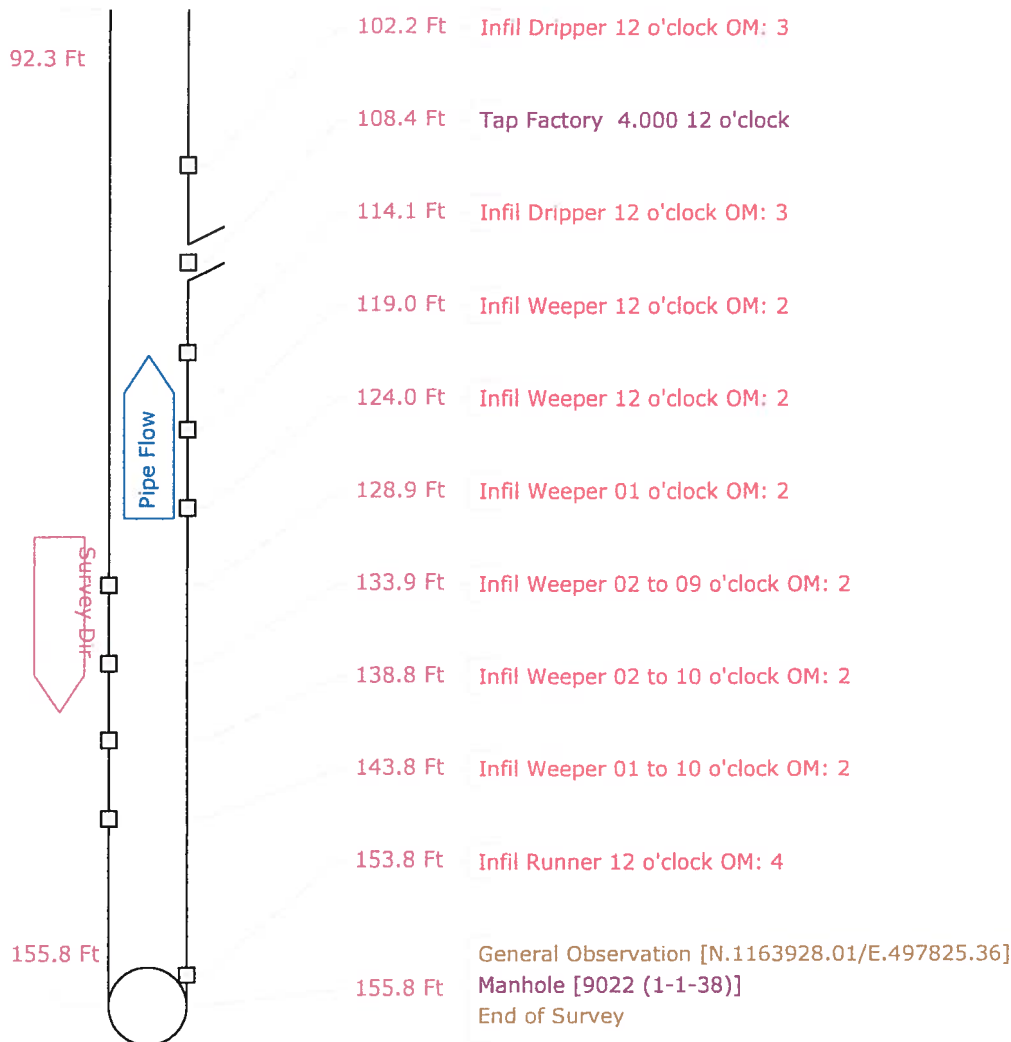
Pipe Graphic Report of PSR CO96063 (1-1-40) X for COLONY COVE INITIAL CCTV SANITAR

Setup 29	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/10	Time 11:02	Street HAGUE DR
City ELLENTON	Further location details CO96063.1 319 ALKMAAR ST		
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96063.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length Ft	Total length 280.5 Ft	Length Surveyed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164073.248	Easting 498065.311	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



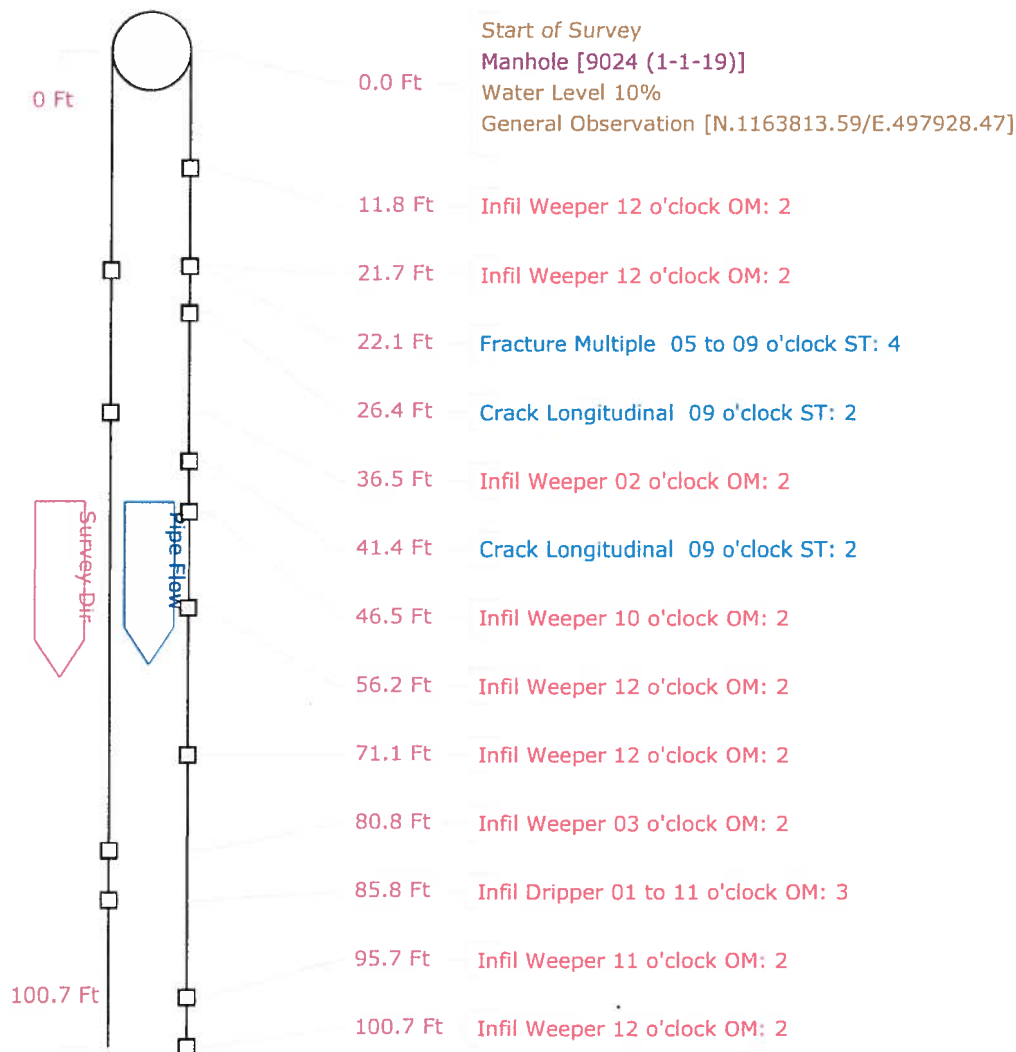
Pipe Graphic Report of PSR 9022 (1-1-38) X for COLONY COVE INITIAL CCTV SANITARY

Setup 30	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/10	Time 12:56	Street HAGUE DR
City ELLENTON	Further location details 9022.1 303 HOLLAND ST		
Start 9024 (1-1-19))	Rim to invert 6.50	Grade to invert	Rim to grade Ft
Finish 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9022.1
Shape Circular	Height 8 Width ins	Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length Ft	Total length 155.8 Ft	Length Surveyed 155.80
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1163928.01	Easting 497825.36	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



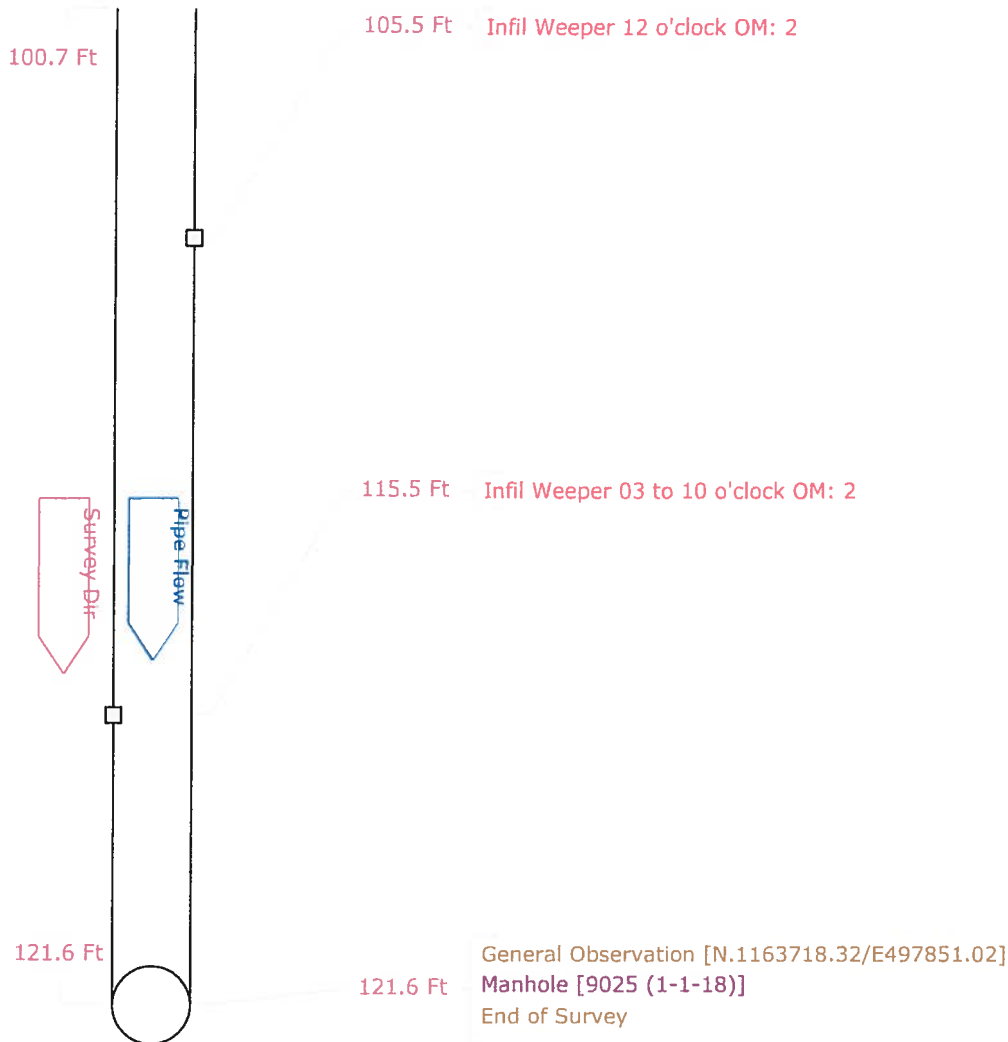
Pipe Graphic Report of PSR 9024 (1-1-19) X for COLONY COVE INITIAL CCTV SANITARY

Setup	31	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/10	Time	13:49	Street	HAGUE DR
City	ELLENTON	Further location details	9024.1 314 HAGUE DR				
Start	9024 (1-1-19)	Rim to invert	6.50	Grade to invert		Rim to grade	Ft
Finish	9025 (1-1-18)	Rim to invert	4.90	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	9024.1
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	121.6	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163813.59	Easting	497928.47	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



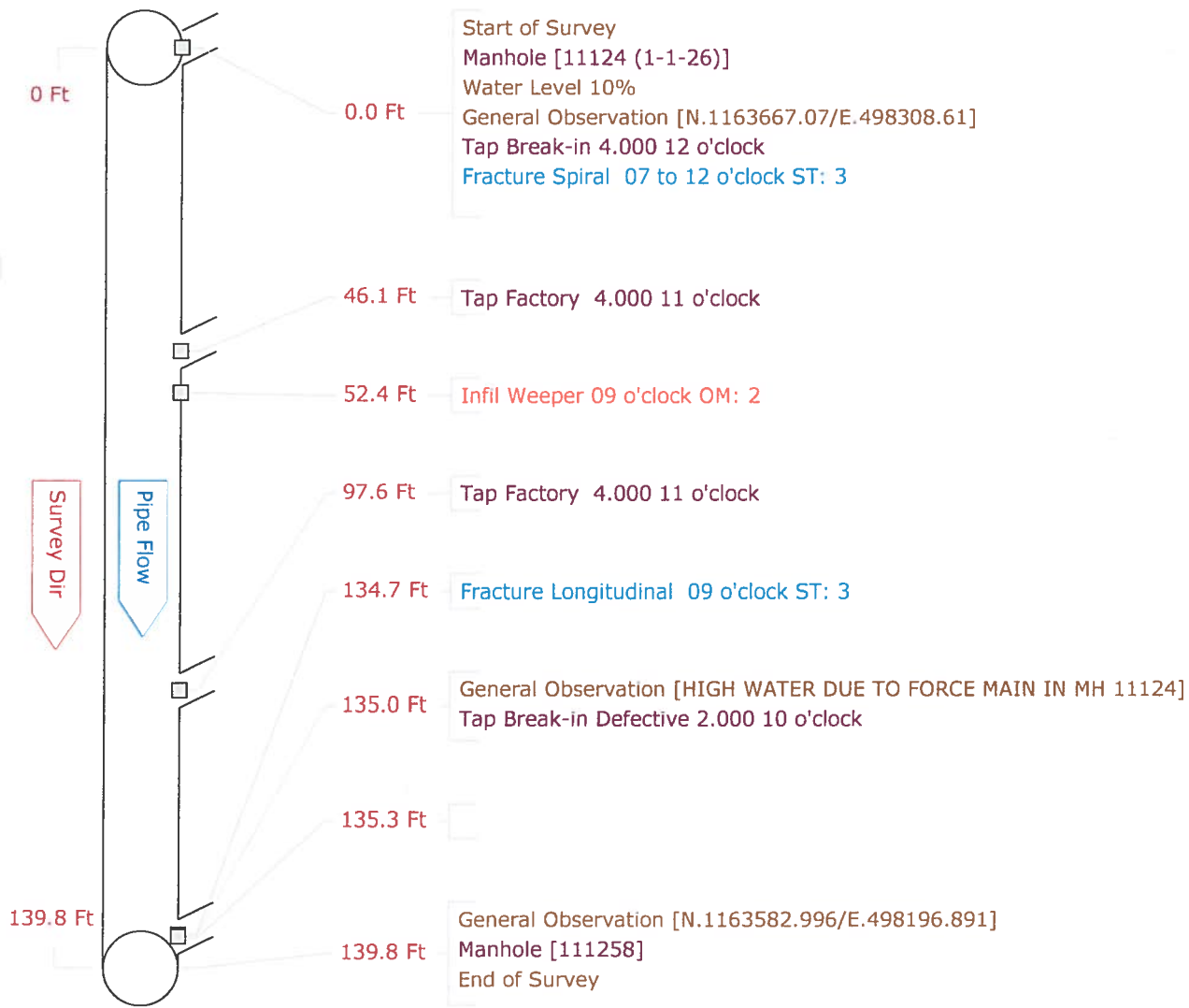
Pipe Graphic Report of PSR 9024 (1-1-19) X for COLONY COVE INITIAL CCTV SANITAR

Setup 31	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/10	Time 13:49	Street HAGUE DR
City ELLENTON	Further location details 9024.1 314 HAGUE DR		
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade Ft
Finish 9025 (1-1-18)	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 9024.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length 121.6	Ft Length Surveyed 121.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST	Structural O&M Constructional		
Location Easement/Right of Way	Miscellaneous Hydraulic		
Project	Work Order		
Northing 1163813.59	Easting 497928.47	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



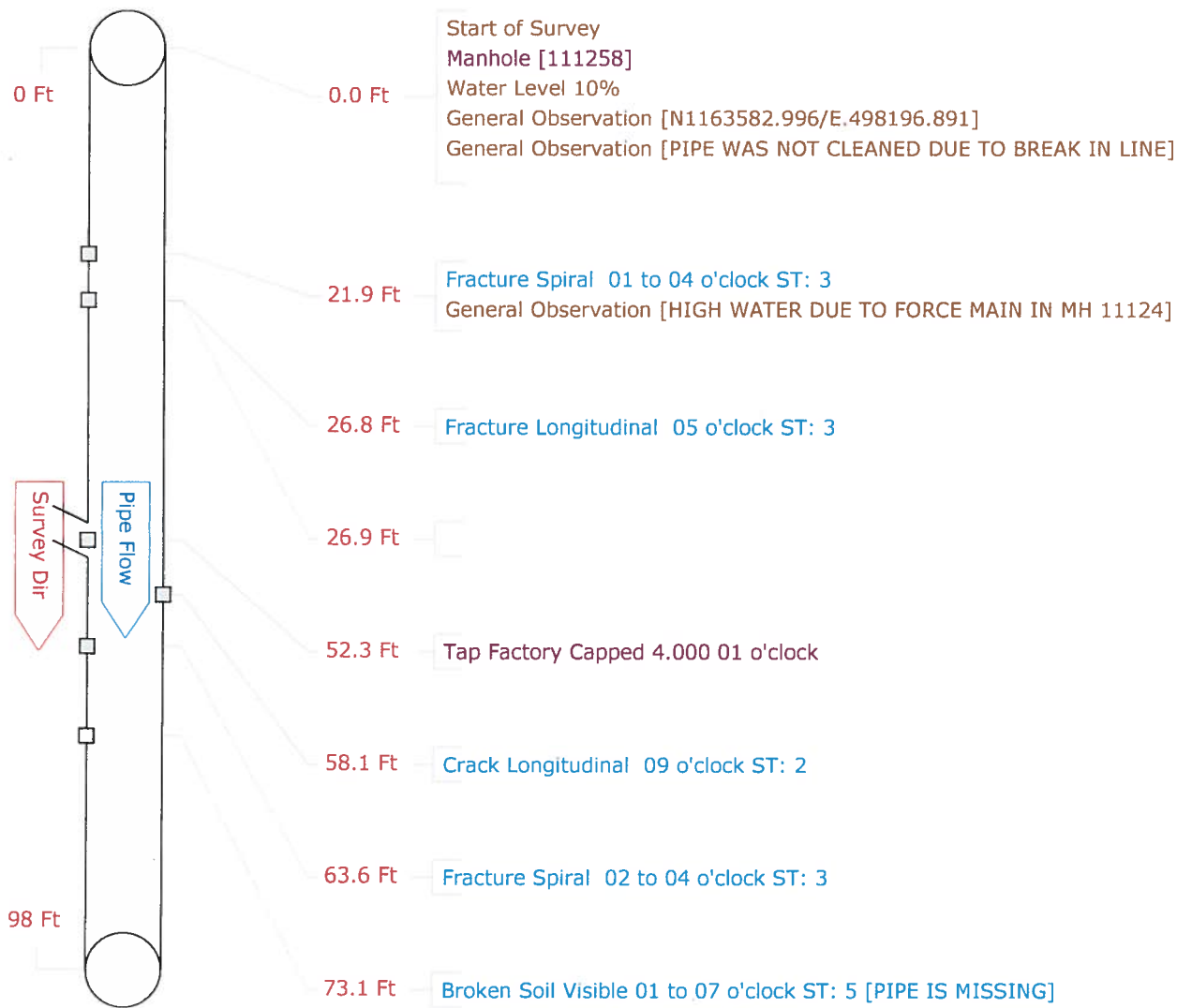
Pipe Graphic Report of PSR 11124 (1-1-26) X for COLONY COVE INITIAL CCTV SANITAR

Setup 32	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/11	Time 14:48	Street DEN HELDER AVE
City ELLENTON	Further location details 11124.1 336 DEN HELDER AVE		
Start 11124 (1-1-26)	Rim to invert 2.90	Grade to invert	Rim to grade Ft
Finish 11125B	Rim to invert 2.60	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 11124.1
Shape Circular	Height 8	Width ins	Preclean J Year Cleaned 2012/04/11
Material Vitrified Clay Pipe	Joint length Ft	Total length 139.8 Ft	Length Surveyed 139.80
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163667.07	Easting 498308.61	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



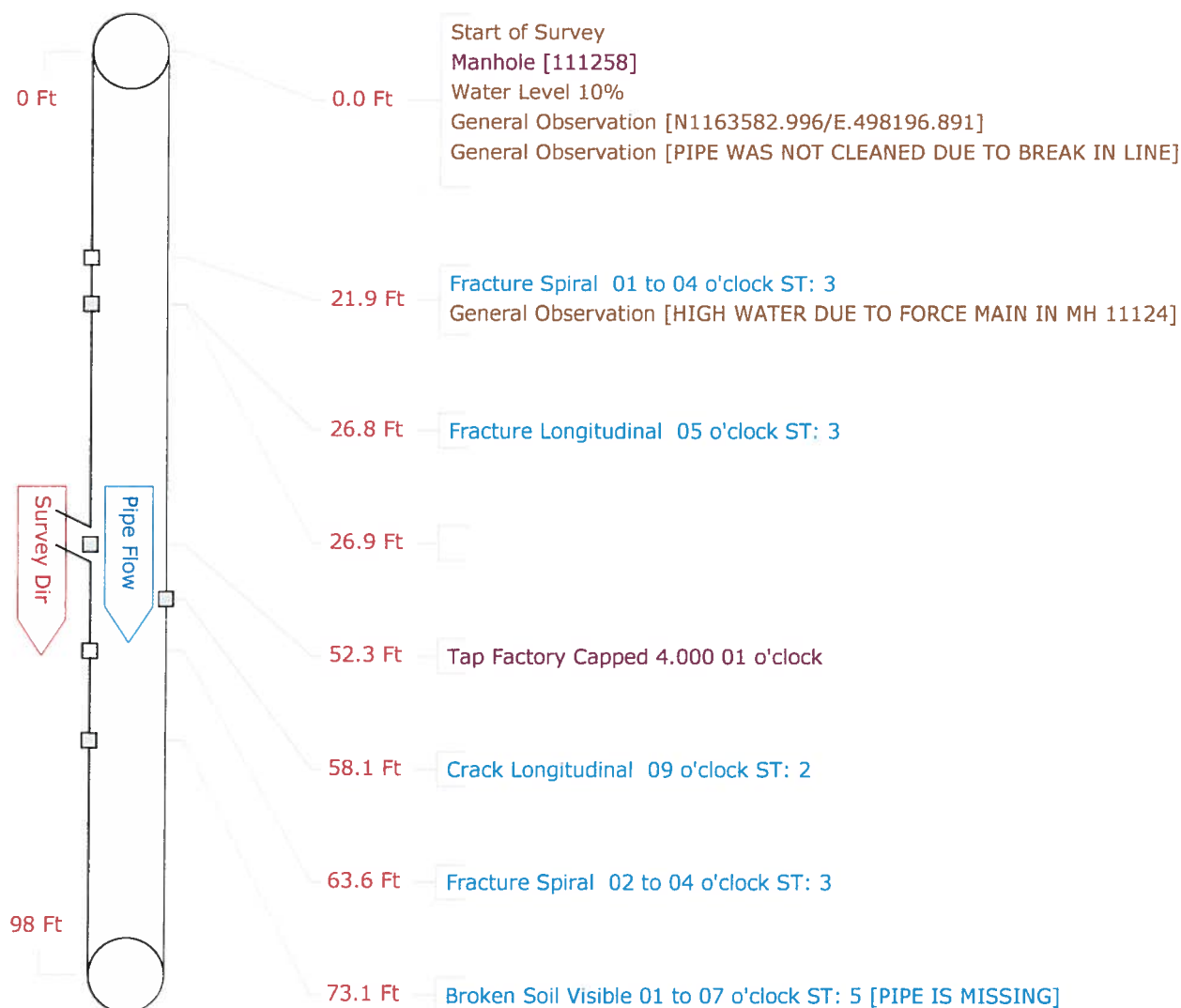
Pipe Graphic Report of PSR 111258 X for COLONY COVE INITIAL CCTV SANITARY

Setup 33	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/11	Time 15:49	Street DEN HELDER AVE
City ELLENTON	Further location details 111258.1 332 DEN HELDER AVE		
Start 11125B	Rim to invert 2.60	Grade to invert	Rim to grade Ft
Finish 96062 (1-1-24)	Rim to invert 2.60	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 111258.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 98.0	Length Surveyed 73.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163582.996	Easting 498196.891	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



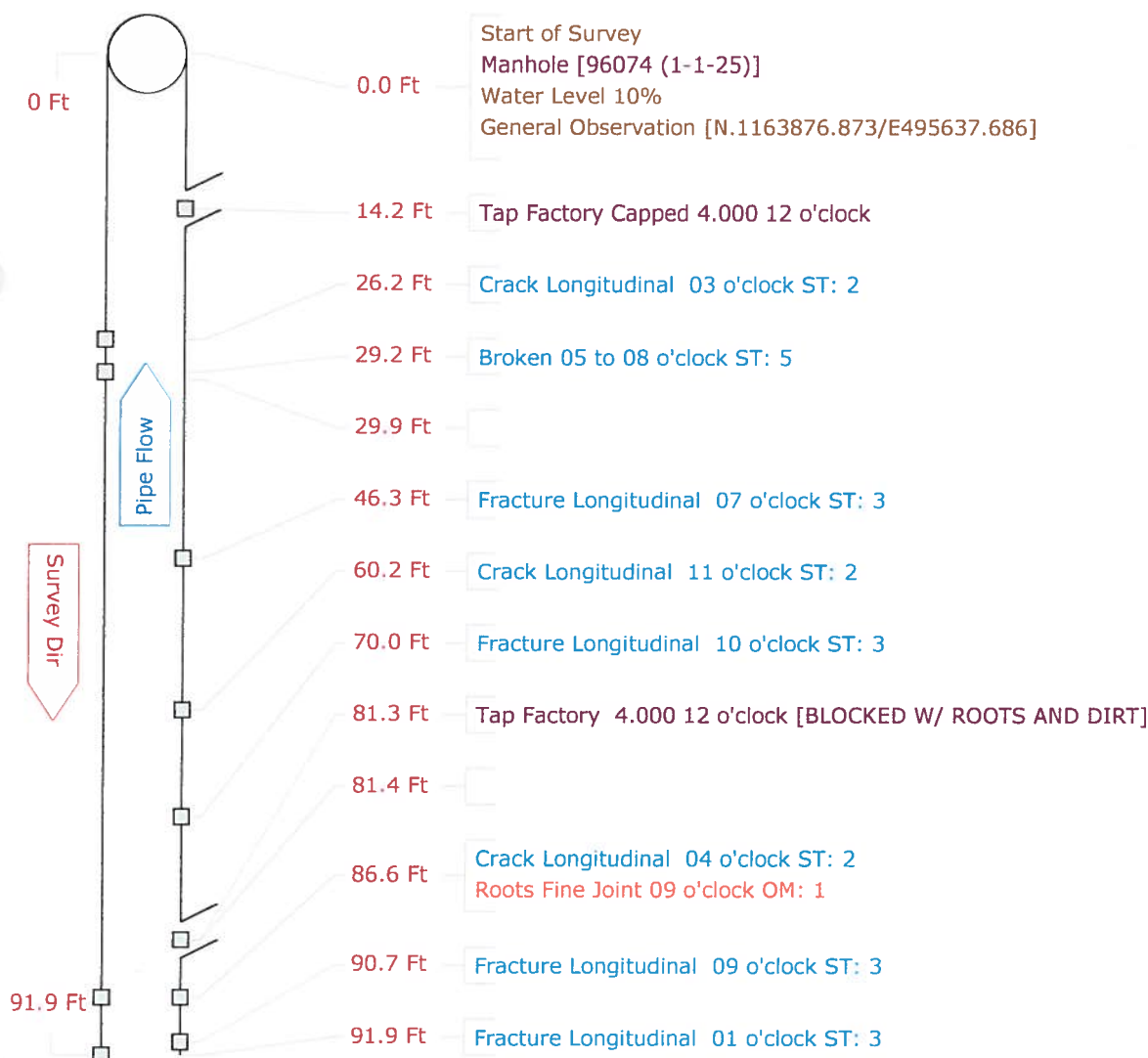
Pipe Graphic Report of PSR 111258 X for COLONY COVE INITIAL CCTV SANITAR

Setup 33	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/11	Time 15:49	Street DEN HELDER AVE
City ELLENTON	Further location details 111258.1 332 DEN HELDER AVE		
Start 11125B	Rim to invert 2.60	Grade to invert	Rim to grade Ft
Finish 96062 (1-1-24)	Rim to invert 2.60	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 111258.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/11
Material Vitrified Clay Pipe	Joint length Ft	Total length 98.0 Ft	Length Surveyed 73.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163582.996	Easting 498196.891	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



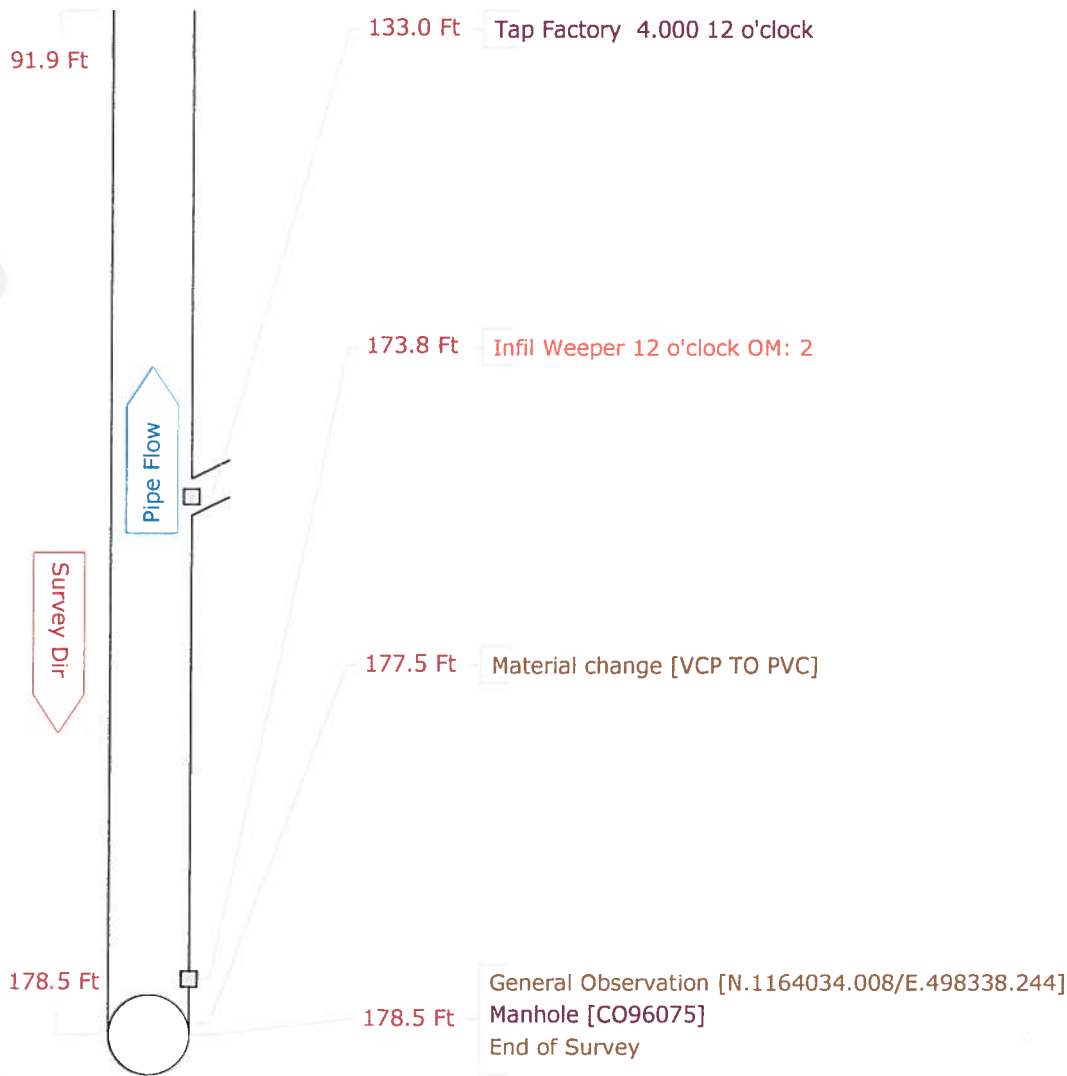
Pipe Graphic Report of PSR CO96075 X for COLONY COVE INITIAL CCTV SANITAR

Setup 34	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/12	Time 12:17	Street ALAKMAAR ST
City ELLENTON	Further location details CO96075.1 327 ALAKMAAR ST		
Start 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Finish CO96075	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96075.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/12
Material Vitrified Clay Pipe	Joint length Ft	Total length 178.5 Ft	Length Surveyed 178.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Constructional	
Northings 1164034.008		Work Order	
Easting 498338.244			
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



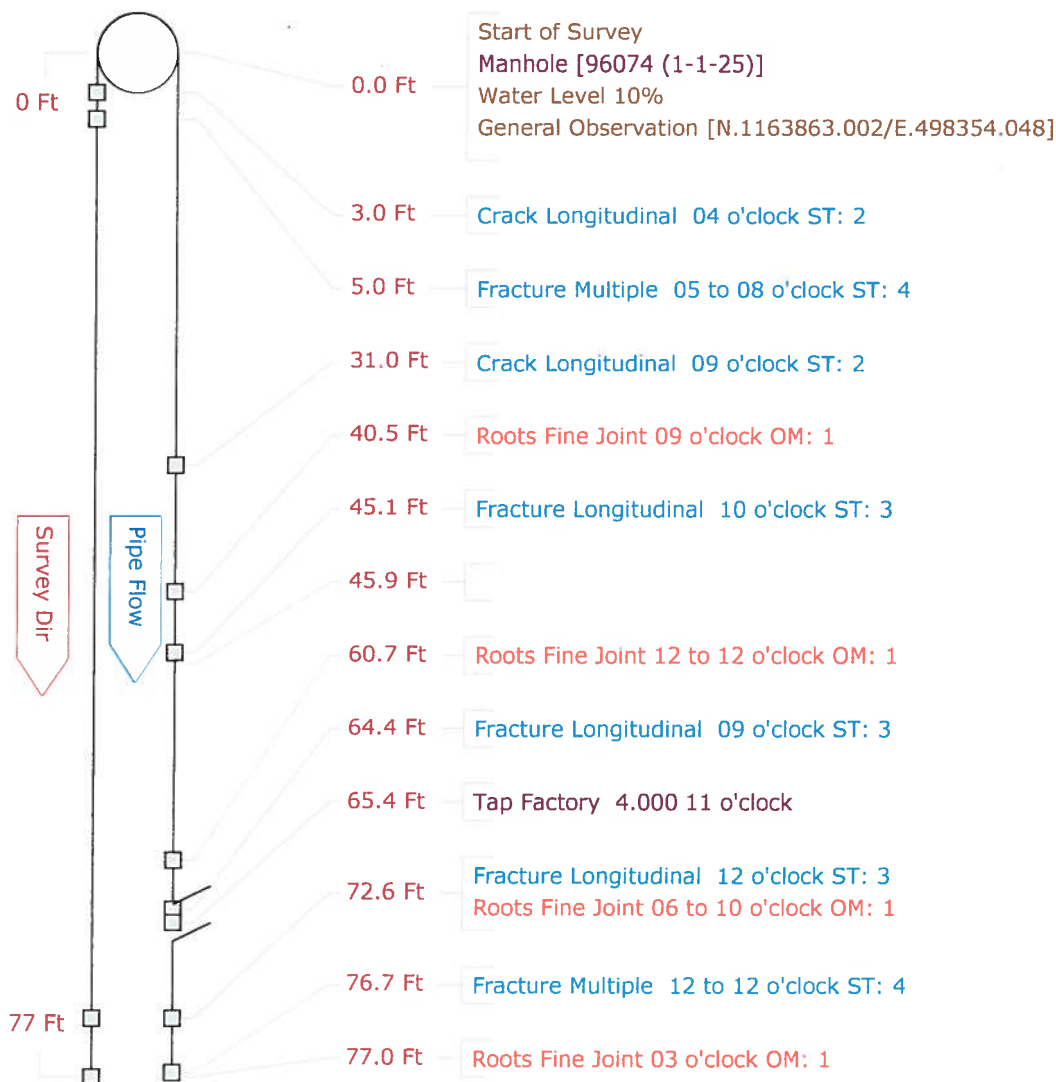
Pipe Graphic Report of PSR CO96075 X **for** COLONY COVE INITIAL CCTV SANITAR

Setup 34	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/12	Time 12:17	Street ALAKMAAR ST
City ELLENTON	Further location details CO96075.1 327 ALAKMAAR ST		
Start 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Finish CO96075	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96075.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 178.5	Length Surveyed 178.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164034.008	Easting 498338.244	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



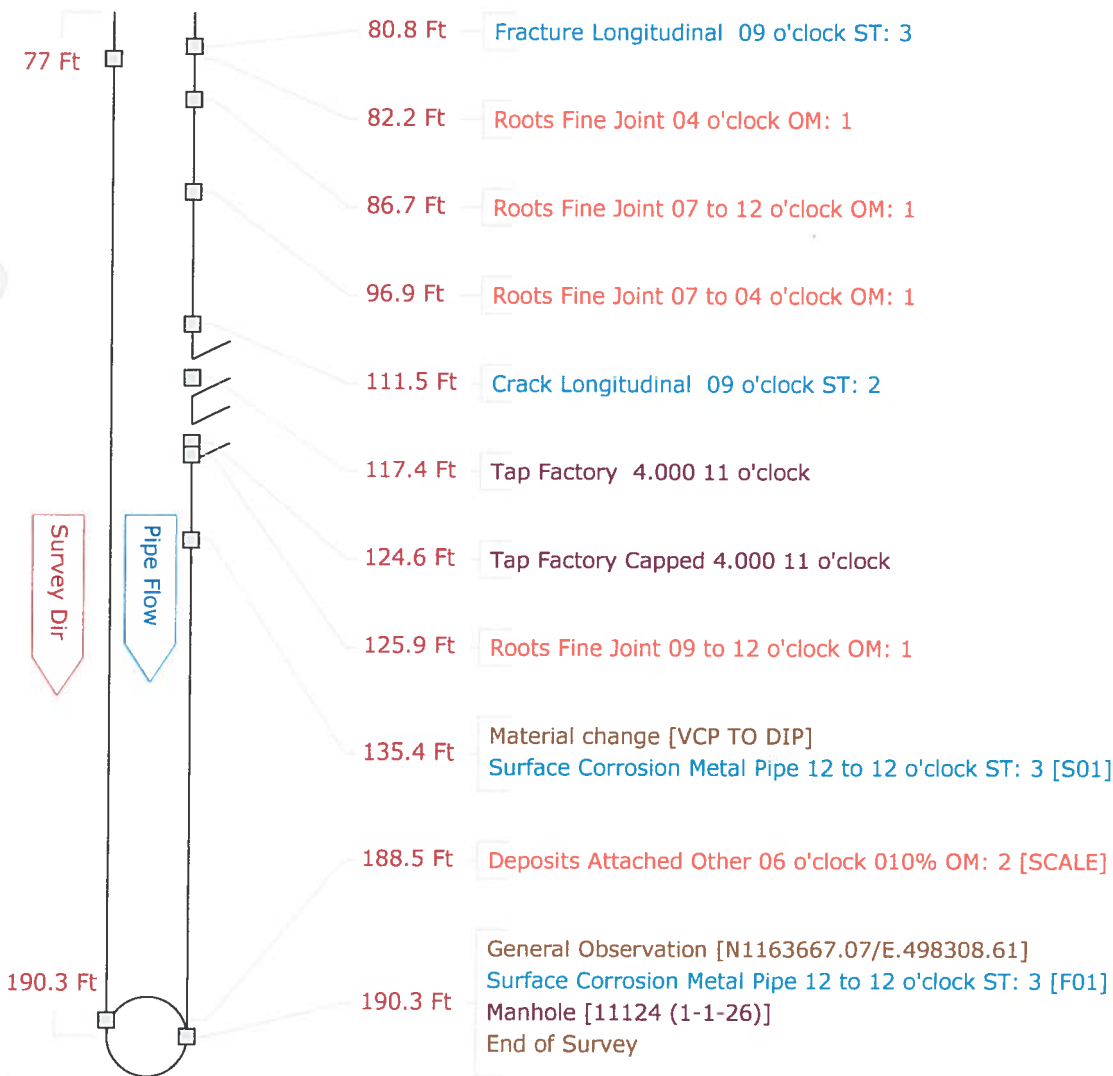
Pipe Graphic Report of PSR 96074 (1-1-25) X for COLONY COVE INITIAL CCTV SANITAR

Setup	35	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer			COLONY COVE			
P/O #	Date		2012/04/12	Time	13:13	Street	ALAKMAAR ST
City	ELLENTON		Further location details 96074.1 333 ALAKMAAR ST				
Start	96074 (1-1-25)		Rim to invert	3.00	Grade to invert	Rim to grade	Ft
Finish	11124 (1-1-26)		Rim to invert	2.90	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Downstream	Flow control	Media No	96074.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/04/12
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	190.3 Ft	Length Surveyed 190.30
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163863.002		Easting	498354.048		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy	



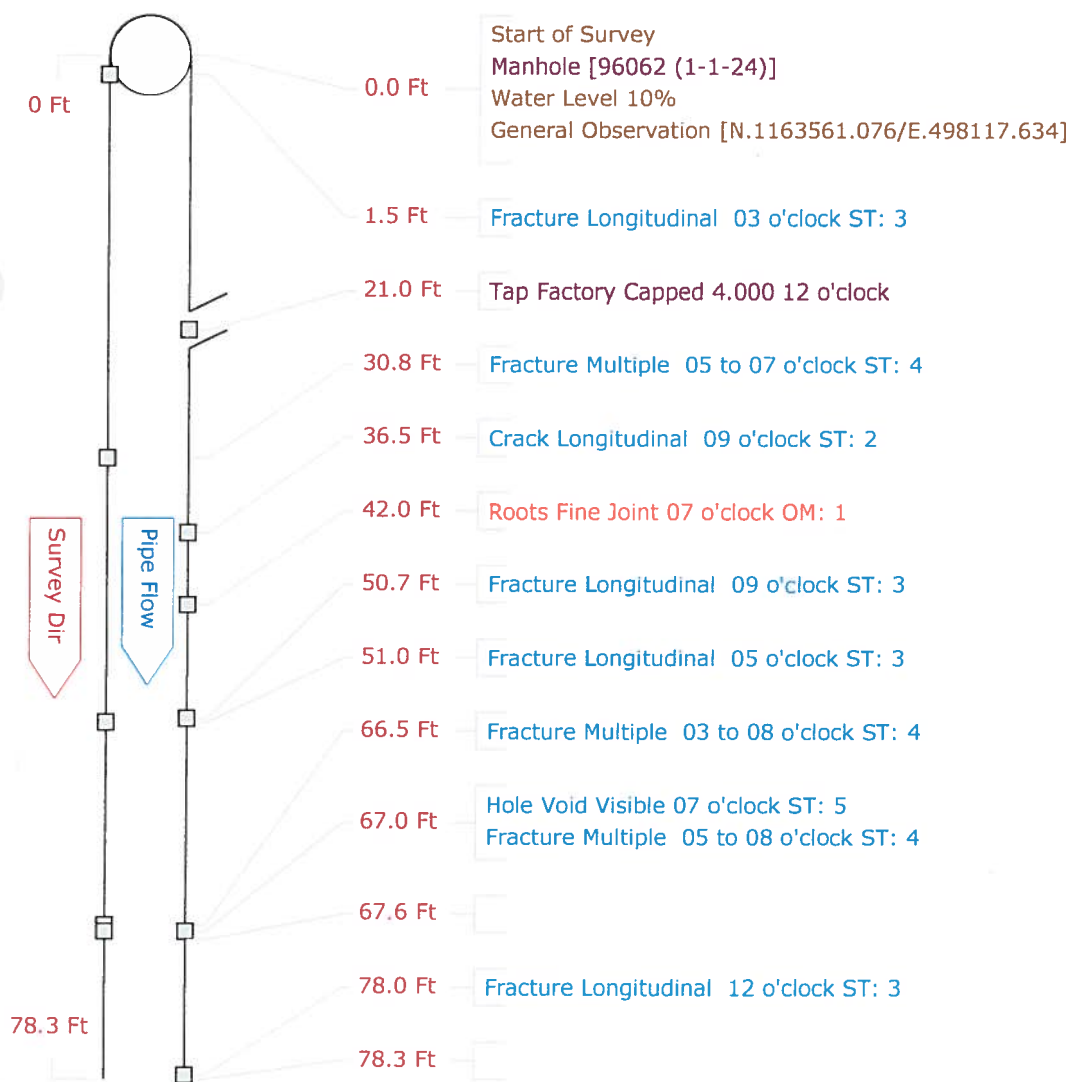
Pipe Graphic Report of PSR 96074 (1-1-25) X for COLONY COVE INITIAL CCTV SANITAR

Setup 35	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/12	Time 13:13	Street ALAKMAAR ST
City ELLENTON	Further location details 96074.1 333 ALAKMAAR ST		
Start 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Finish 11124 (1-1-26)	Rim to invert 2.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 96074.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 190.3	Length Surveyed 190.30
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163863.002	Easting 498354.048	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



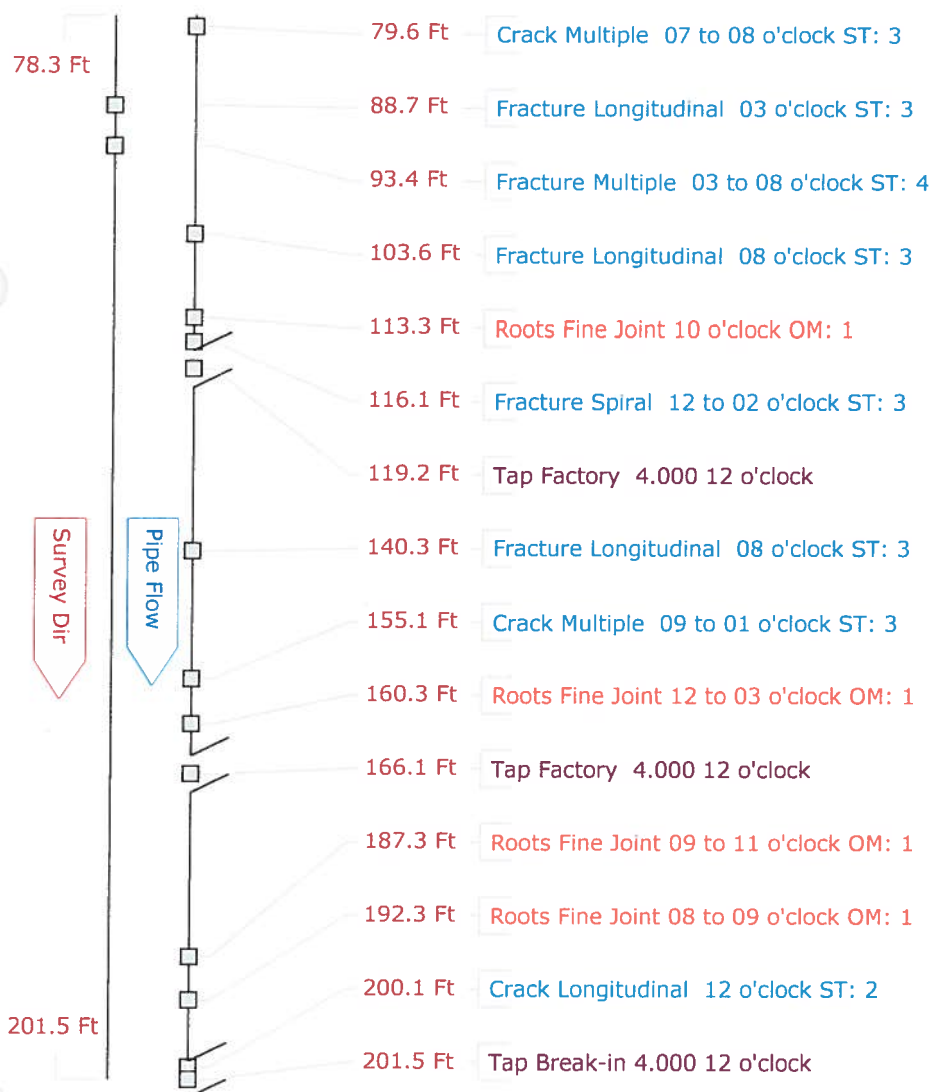
Pipe Graphic Report of PSR 96062 (1-1-24) X for COLONY COVE INITIAL CCTV SANITAR

Setup 36	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/13	Time 8:55	Street DEN HELDER AVE
City ELLENTON	Further location details 96062.1 330 DEN HELDER AVE		
Start 96062 (1-1-24)	Rim to invert 2.60	Grade to invert	Rim to grade Ft
Finish 9025 (1-1-18)	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 96062.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 306.2	Length Surveyed 306.20
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163561.076	Easting 498117.634	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



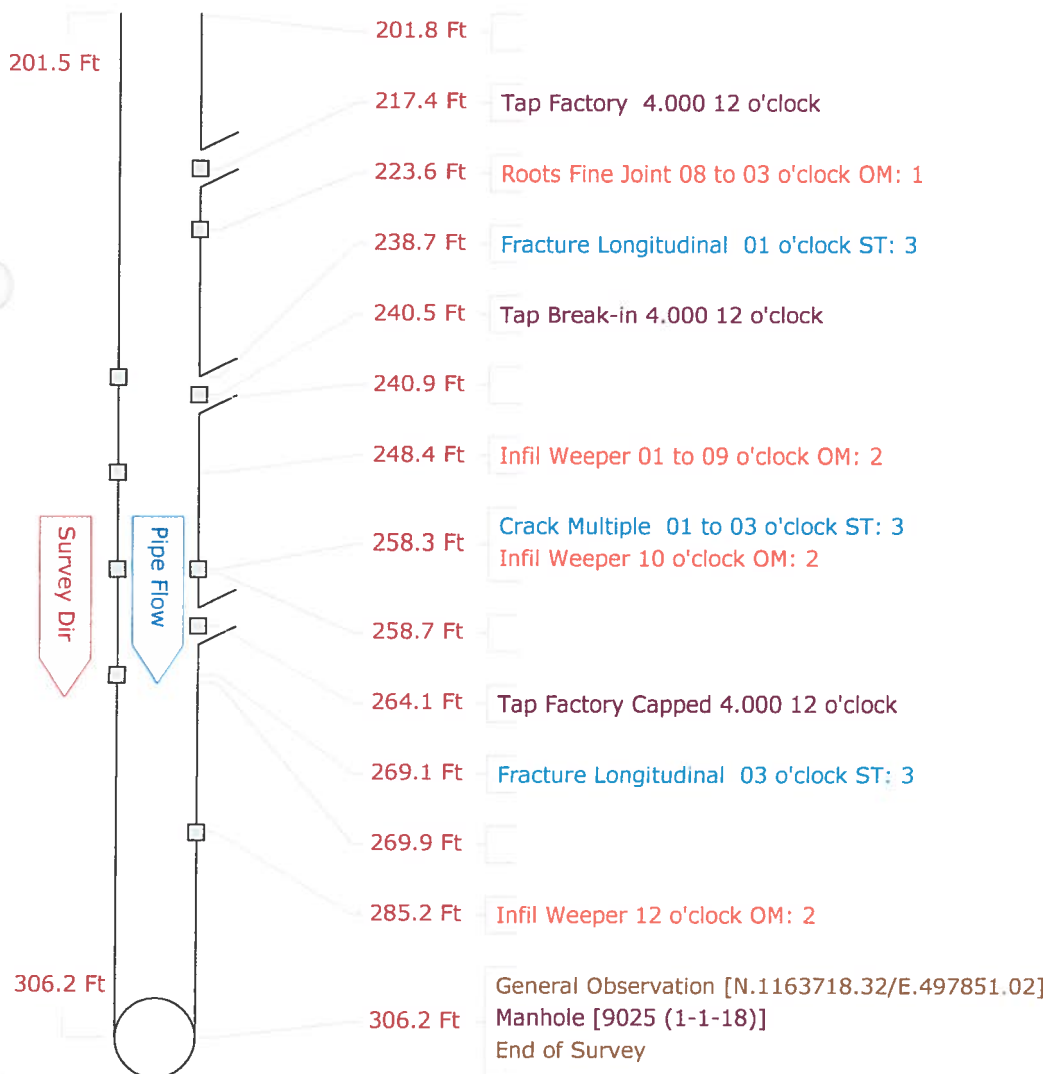
Pipe Graphic Report of PSR 96062 (1-1-24) X for COLONY COVE INITIAL CCTV SANITAR

Setup 36	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/13	Time 8:55	Street DEN HELDER AVE
City ELLENTON	Further location details 96062.1 330 DEN HELDER AVE		
Start 96062 (1-1-24)	Rim to invert 2.60	Grade to invert	Rim to grade Ft
Finish 9025 (1-1-18)	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 96062.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/13
Material Vitrified Clay Pipe	Joint length Ft	Total length 306.2 Ft	Length Surveyed 306.20
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163561.076	Easting 498117.634	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

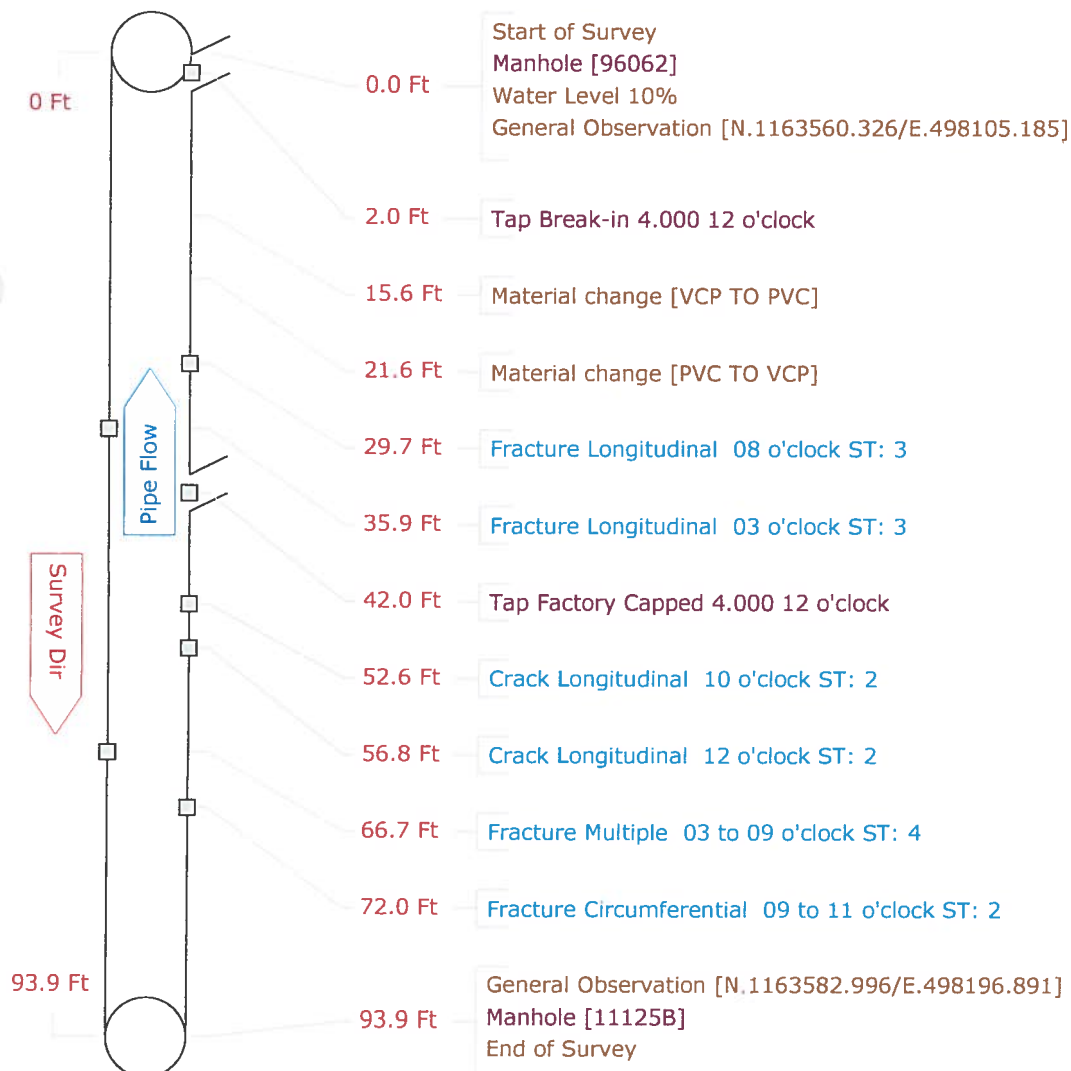


Pipe Graphic Report of PSR 96062 (1-1-24) X for COLONY COVE INITIAL CCTV SANITAR

Setup	36	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/13	Time	8:55	Street	DEN HELDER AVE
City	ELLENTON	Further location details	96062.1 330 DEN HELDER AVE				
Start	96062 (1-1-24)	Rim to invert	2.60	Grade to invert		Rim to grade	Ft
Finish	9025 (1-1-18)	Rim to invert	4.90	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	96062.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/04/13
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	306.2	Ft	Length Surveyed 306.20
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
						Work Order	
Northing	1163561.076	Easting	498117.634	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



Setup	37	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/13	Time	12:49	Street	DEN HELDER AVE
City	ELLENTON	Further location details	111258.1 332 DEN HELDER AVE				
Start	96062 (1-1-24)	Rim to invert	2.60	Grade to invert		Rim to grade	Ft
Finish	11125B	Rim to invert	2.60	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	111258.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/04/13
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	93.9	Ft	Length Surveyed 93.90
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163582.996	Easting	498196.891	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			

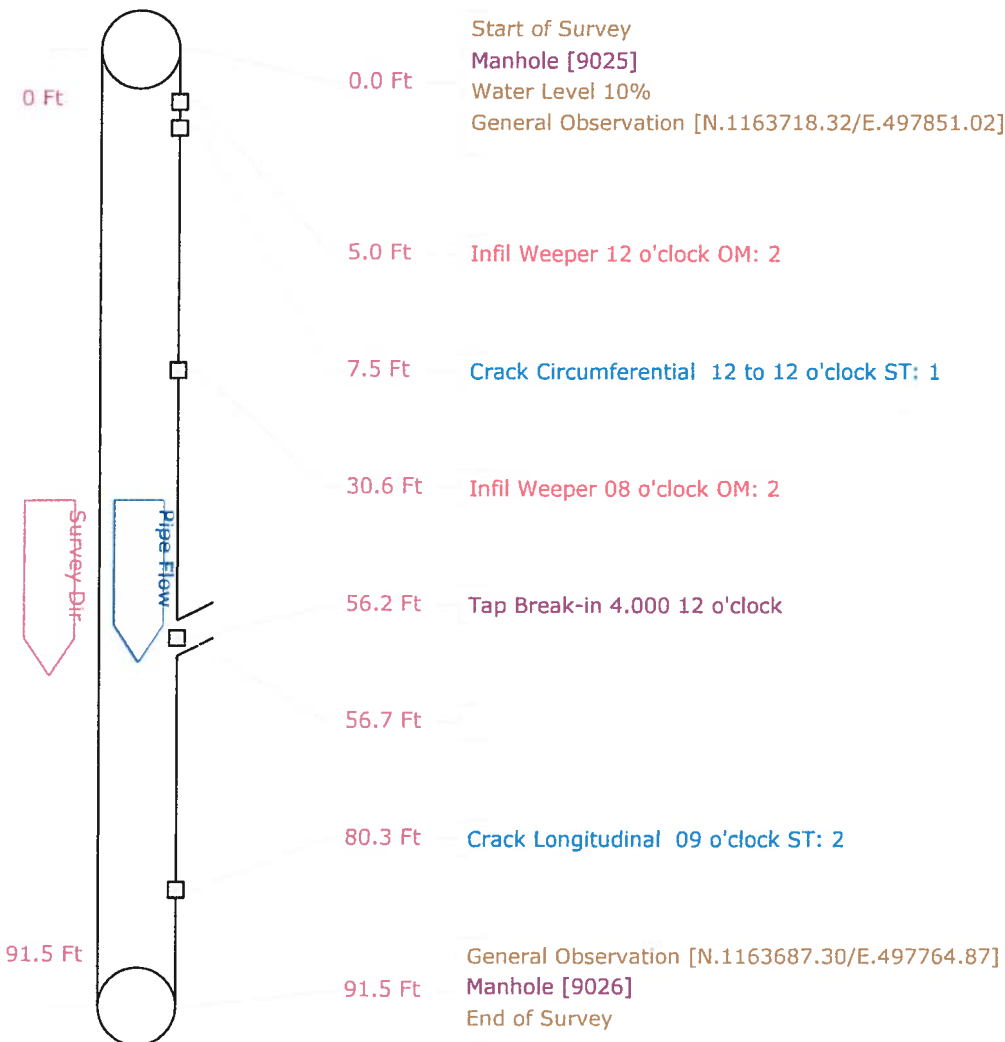


Pipe Graphic Report of PSR 9025

A

for COLONY COVE INITIAL CCTV SANITAR

Setup	38	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage	Survey Customer			COLONY COVE					
P/O #	Date		2012/04/13	Time	13:42	Street	DEN HELDER AVE		
City	ELLENTON		Further location details		9025.1 320 DEN HELDER AVE				
Start	9025 (1-1-18)			Rim to invert	4.90	Grade to invert	Rim to grade		Ft
Finish	9026 (1-1-16)			Rim to invert	5.00	Grade to invert	Rim to grade		Ft
Use	Sanitary			Direction	Downstream	Flow control	Media No		9025.1
Shape	Circular			Height	8	Width	ins	Preclean J	Year Cleaned 2012/04/13
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	91.5	Ft	Length Surveyed 91.50
Lining				Year laid		Year rehabilitated	Weather		Dry
Purpose				Cat					
Additional info	WEST					Structural	O&M	Constructional	
Location	Easement/Right of Way					Miscellaneous	Hydraulic		
Project						Work Order			
Northing	1163718.32			Easting	497851.02		Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy			

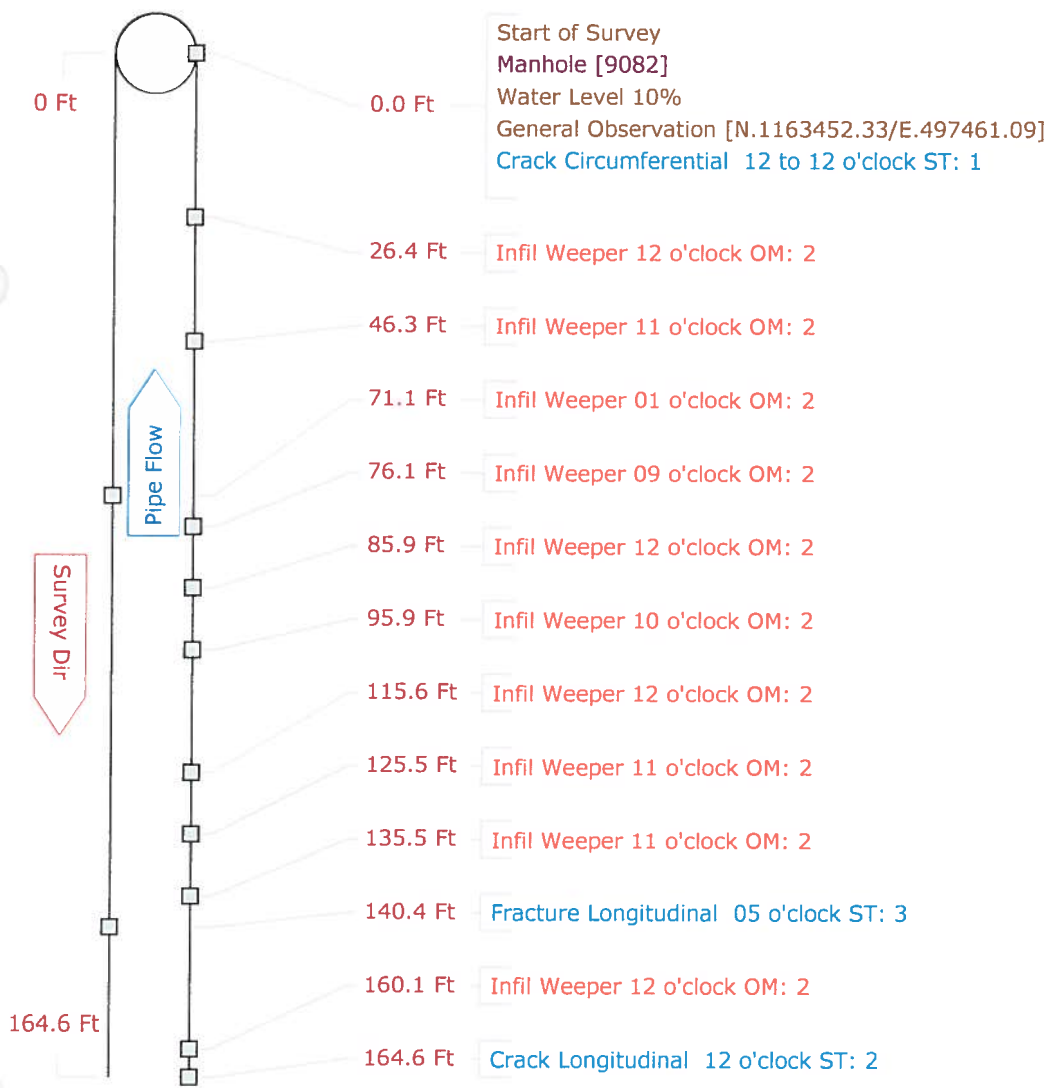


Pipe Graphic Report of PSR 9026

A

for COLONY COVE INITIAL CCTV SANITAR

Setup	39	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/13	Time	14:19	Street	S UTRECHT ST
City	ELLENTON	Further location details	9026.1	313	S UTRECHT ST		
Start	9082 (1-1-1)	Rim to invert	6.70	Grade to invert		Rim to grade	Ft
Finish	9026 (1-1-16)	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	9026.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/04/13
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	385.0	Ft	Length Surveyed 385.00
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
						Work Order	
Northing	1163687.30	Easting	497764.87	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			

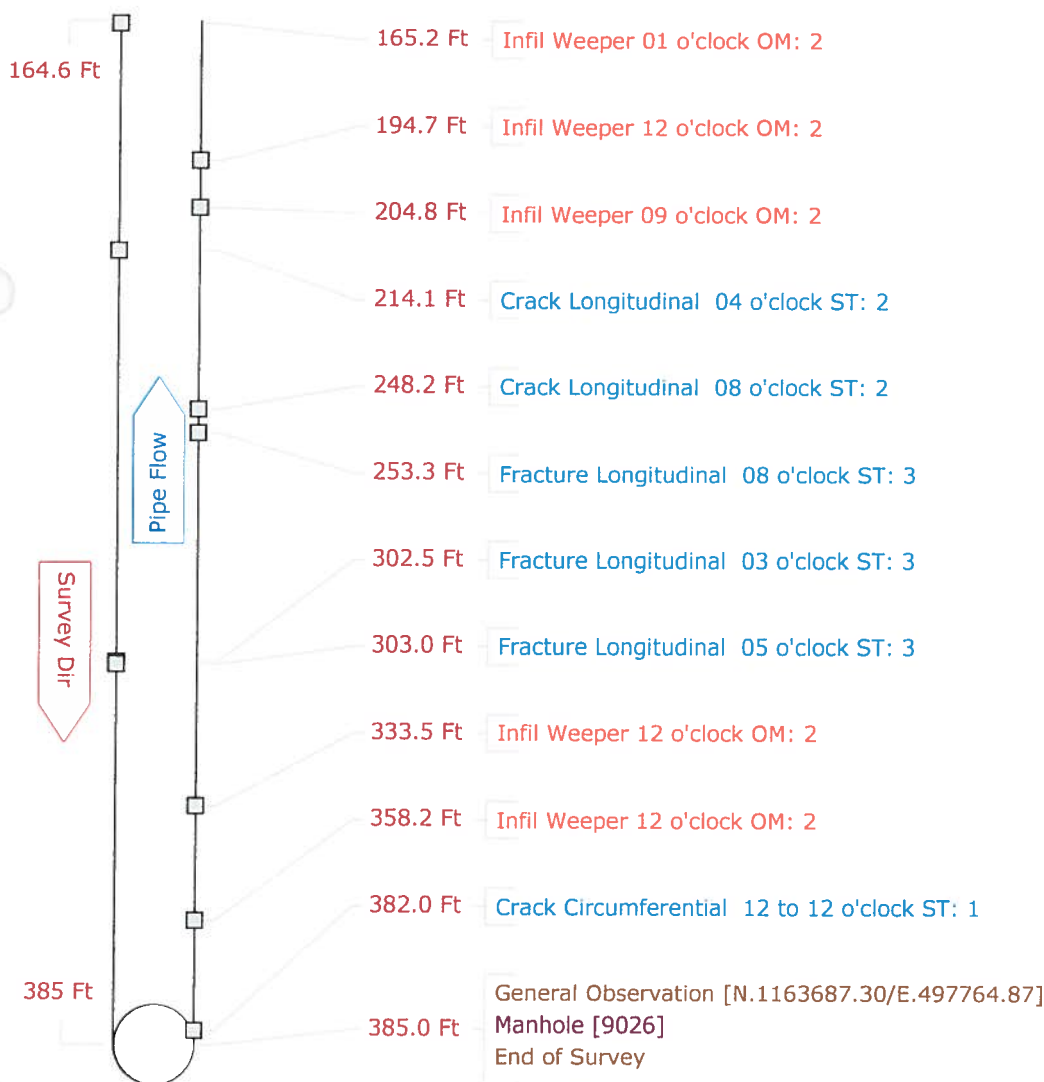


Pipe Graphic Report of PSR 9026

A

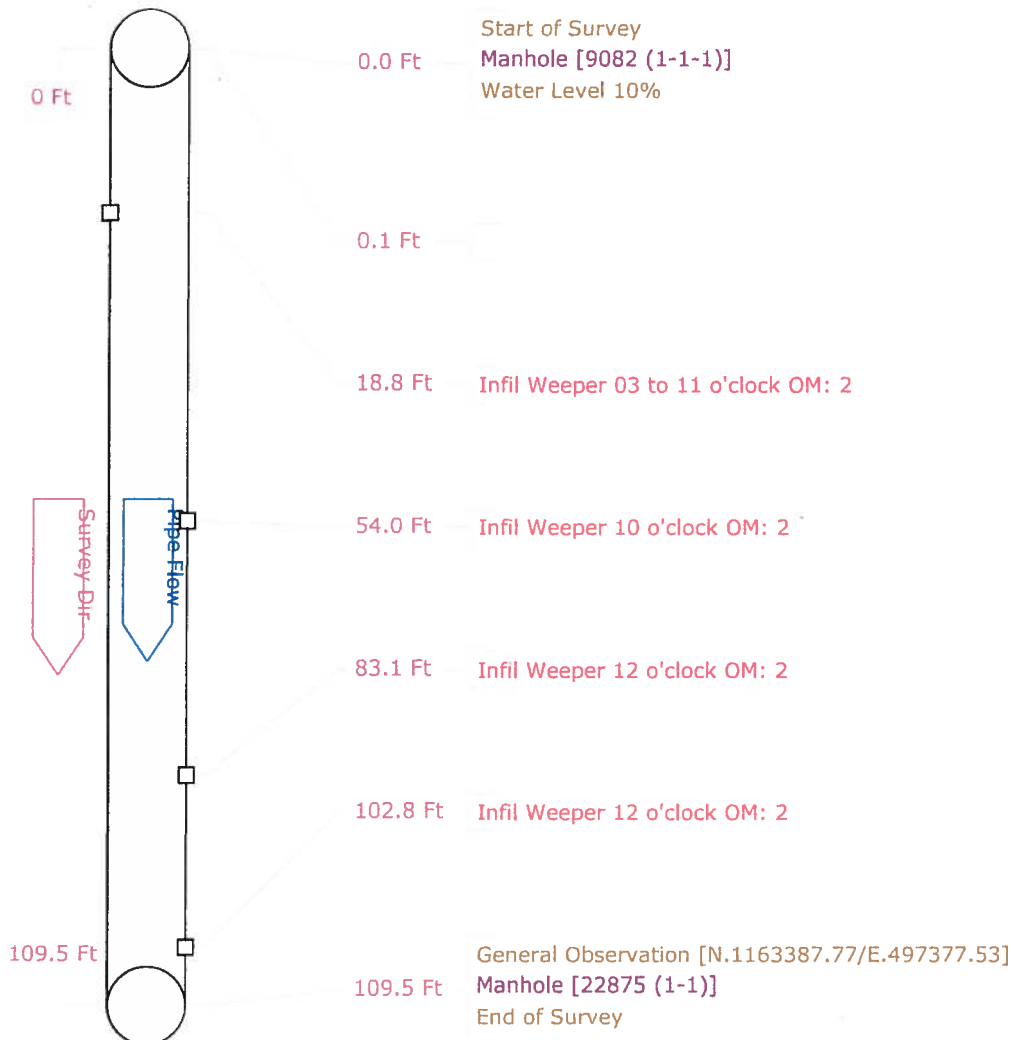
for COLONY COVE INITIAL CCTV SANITARY

Setup	39	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/13	Time	14:19	Street	S UTRECHT ST
City	ELLENTON	Further location details	9026.1	313	S UTRECHT ST		
Start	9082 (1-1-1)	Rim to invert	6.70	Grade to invert		Rim to grade	Ft
Finish	9026 (1-1-16)	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	9026.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/04/13
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	385.0	Ft	Length Surveyed 385.00
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
						Work Order	
Northing	1163687.30	Easting	497764.87	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



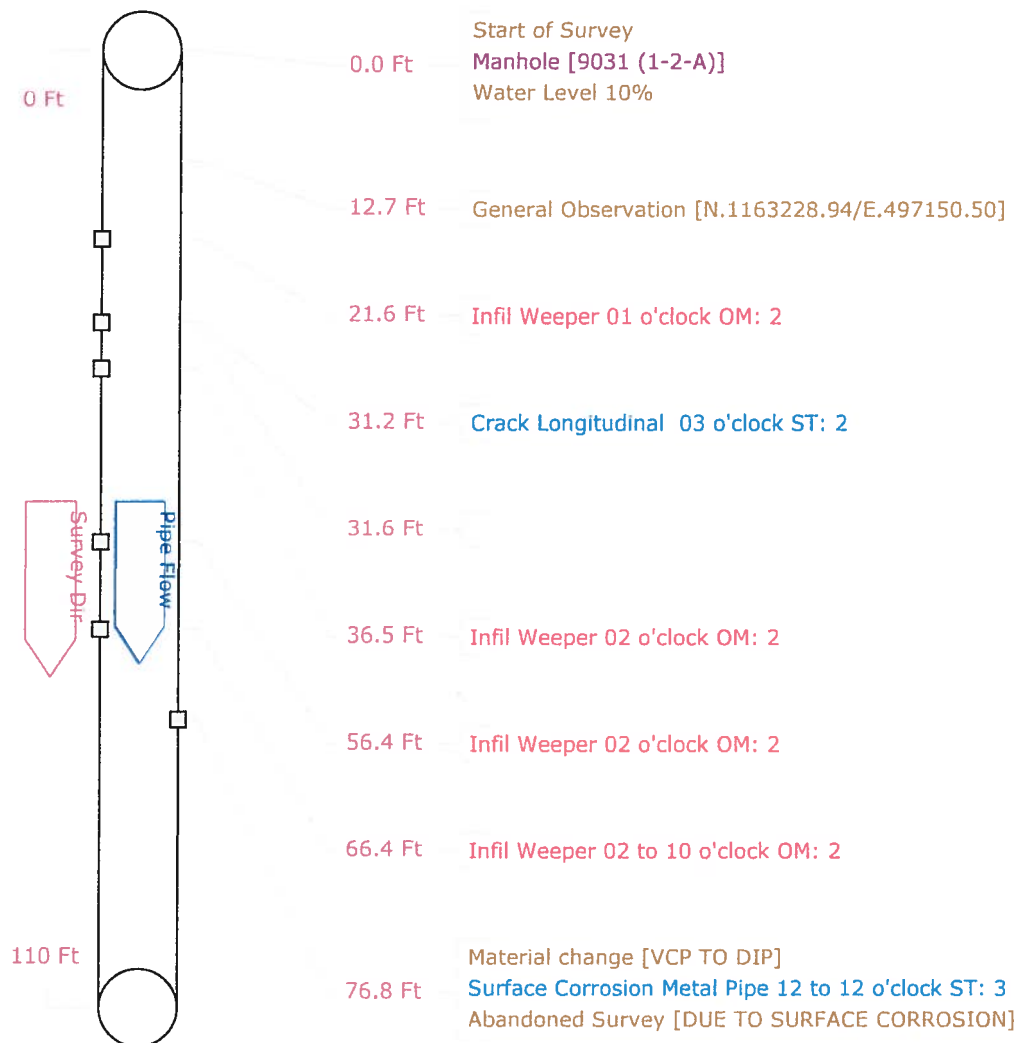
Pipe Graphic Report of PSR 9082 (1-1-1) A for COLONY COVE INITIAL CCTV SANITAR

Setup 40	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 8:01	Street S UTRECHT ST
City ELLENTON	Further location details 9026.1 202 S UTRECHT ST		
Start 9082 (1-1-1)	Rim to invert 6.70	Grade to invert	Rim to grade Ft
Finish 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 9082.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 109.5 Ft	Length Surveyed 109.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163452.33	Easting 497461.06	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



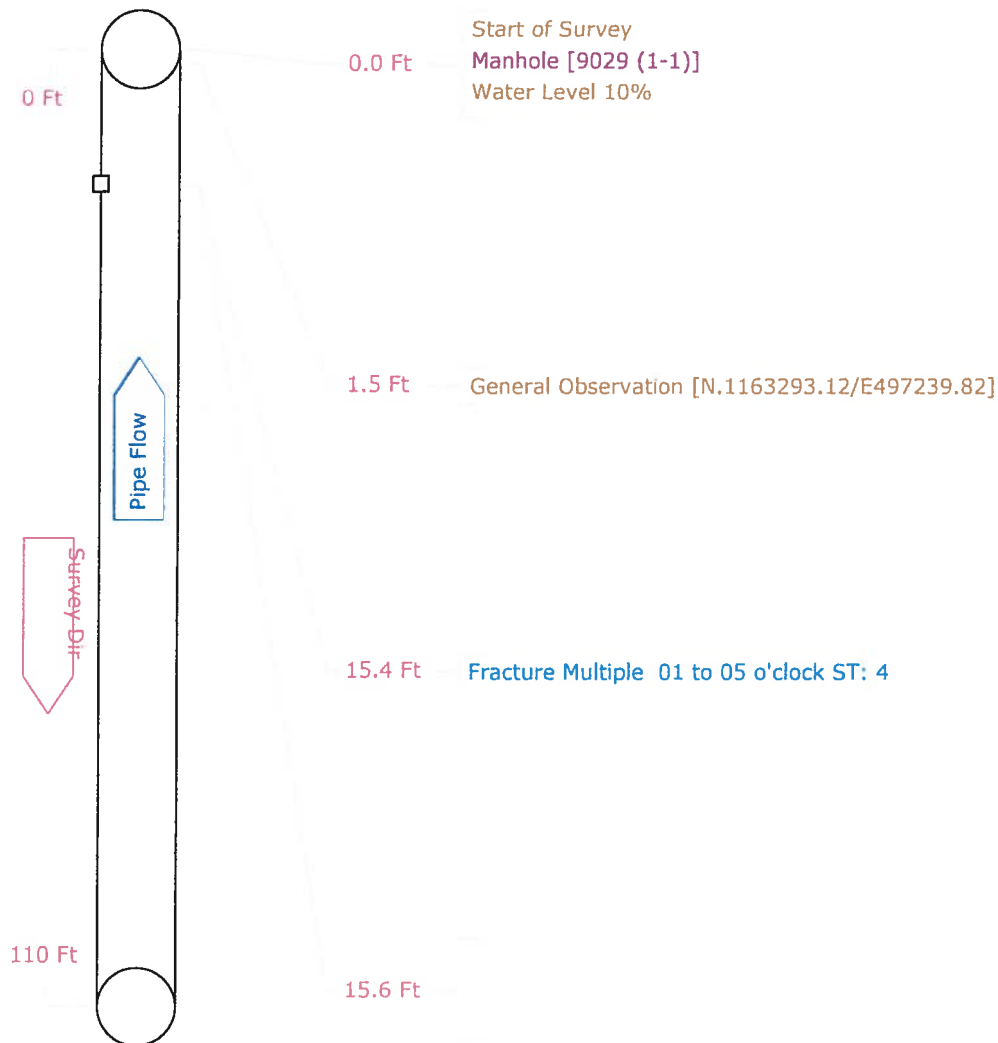
Pipe Graphic Report of PSR 9031 (1-2-A) X for COLONY COVE INITIAL CCTV SANITARY

Setup 41/42	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 8:55	Street AMSTERDAM AVE
City ELLENTON	Further location details 9031.1 217 AMSTERDAM AVE		
Start 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish 9029 (1-1)	Rim to invert 5.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 9031.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 110.0 Ft	Length Surveyed 76.80
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1163228.94	Easting 497150.50	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



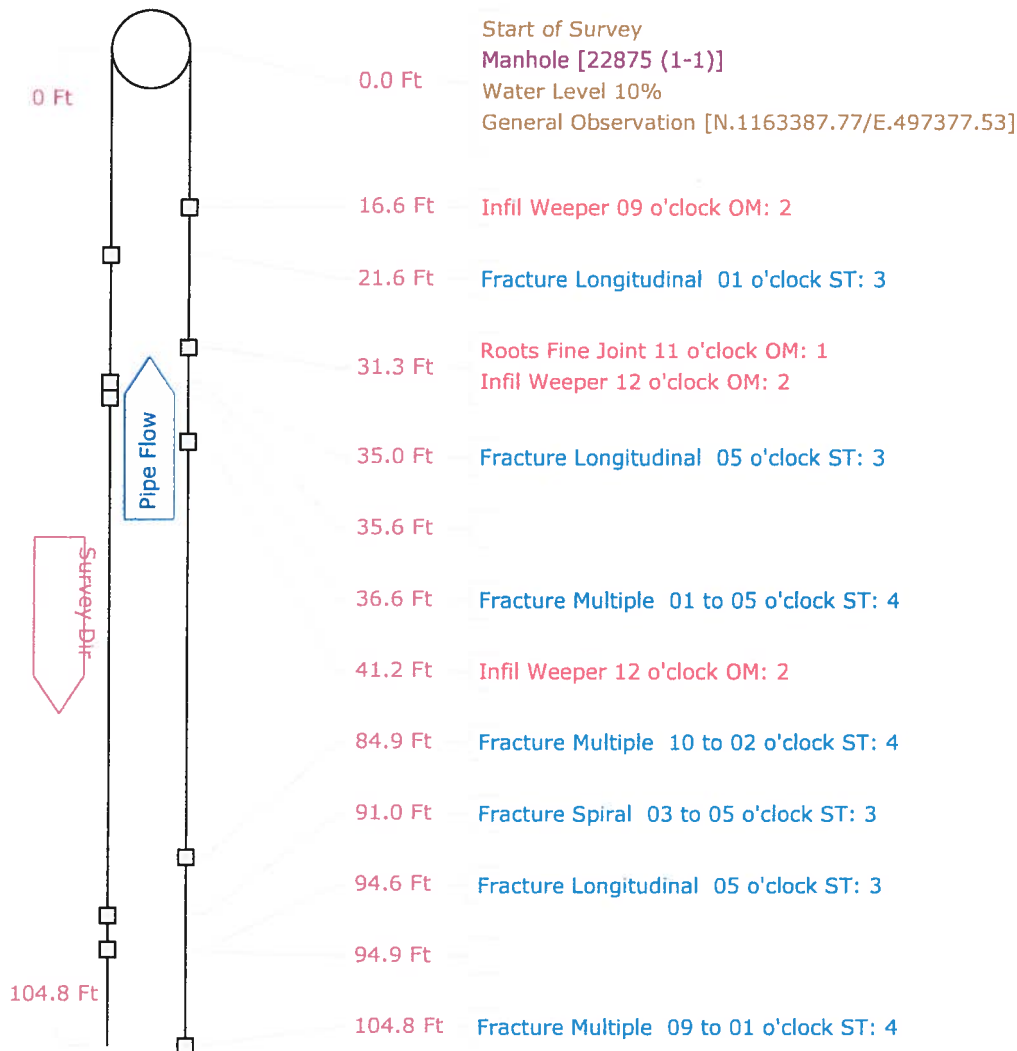
Pipe Graphic Report of PSR 9031 (1-2-A) X for COLONY COVE INITIAL CCTV SANITARY

Setup 42/41	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 9:19	Street AMSTERDAM AVE
City ELLENTON	Further location details 9031.1 217 AMSTERDAM AVE		
Start 9029 (1-1)	Rim to invert 5.30	Grade to invert	Rim to grade Ft
Finish 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9031.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length 110.0	Ft Length Surveyed 15.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info Reverse set up on sheet:41		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163228.94	Easting 497150.50	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



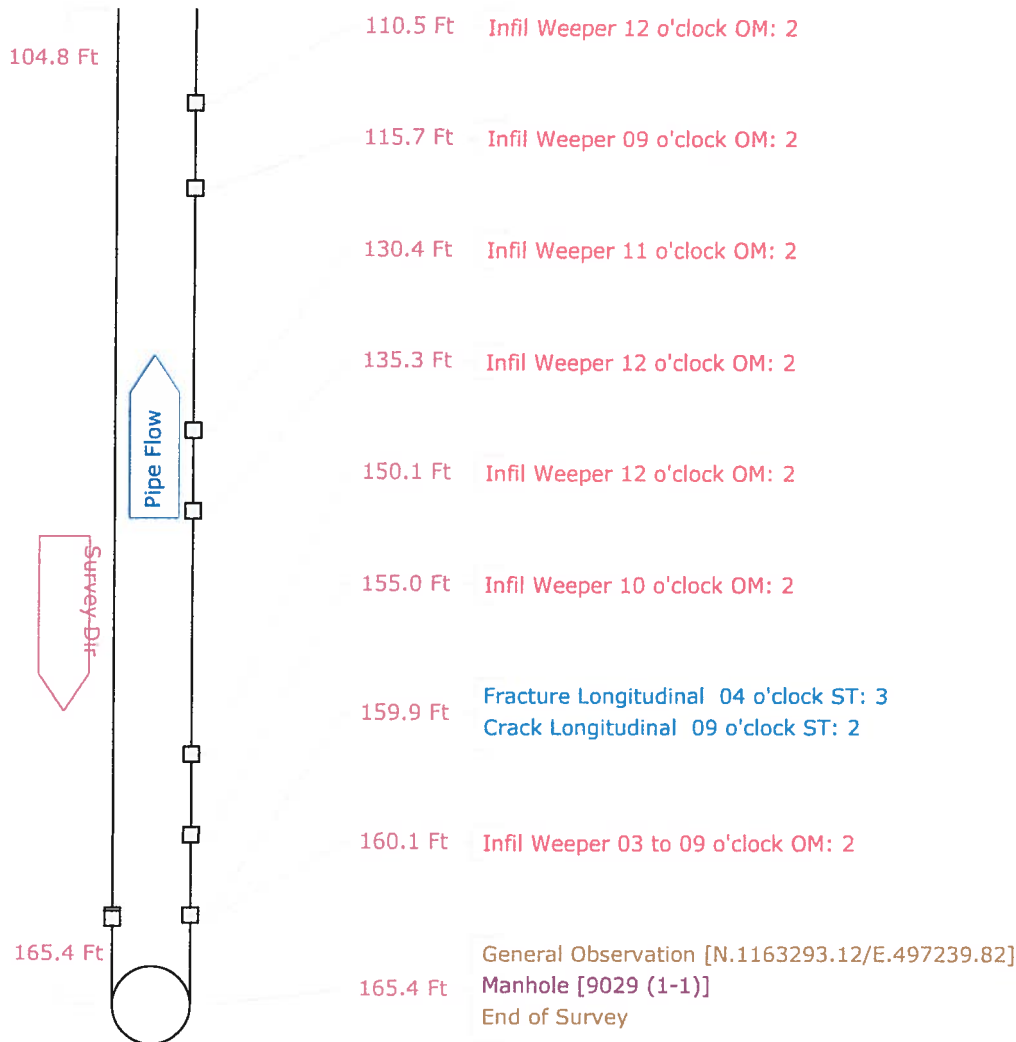
Pipe Graphic Report of PSR 9029 (1-1) X for COLONY COVE INITIAL CCTV SANITARY

Setup	43	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer			COLONY COVE			
P/O #		Date	2012/04/16	Time	9:46	Street	AMELO AVE
City	ELLENTON		Further location details 9029.1 214 AMELO AVE				
Start	22875 (1-1)		Rim to invert	7.30	Grade to invert	Rim to grade	Ft
Finish	9029 (1-1)		Rim to invert	5.10	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No	9029.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/04/16
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	165.4	Ft Length Surveyed 165.40
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	SOUTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163452.33		Easting	497461.06		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy	



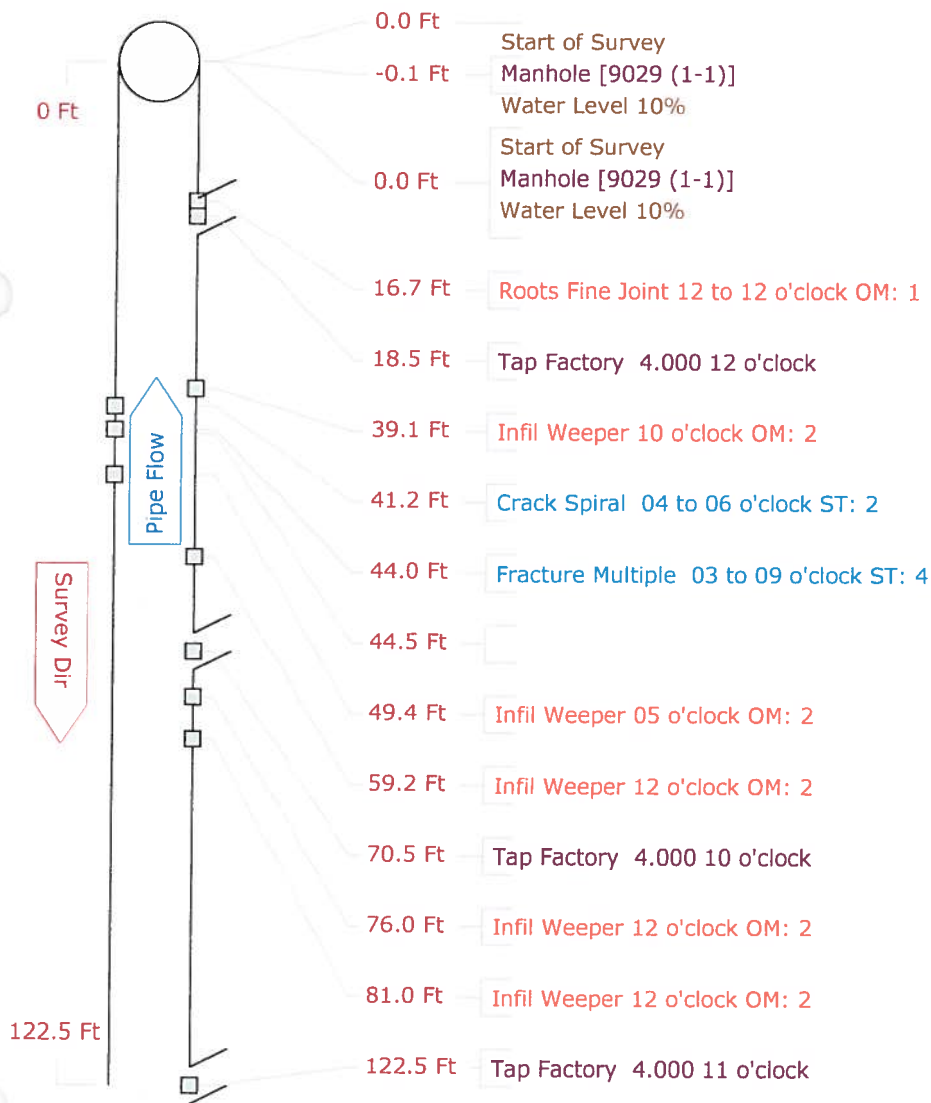
Pipe Graphic Report of PSR 9029 (1-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 43	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 9:46	Street AMELO AVE
City ELLENTON	Further location details 9029.1 214 AMELO AVE		
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Finish 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9029.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 165.4 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163452.33	Easting 497461.06	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



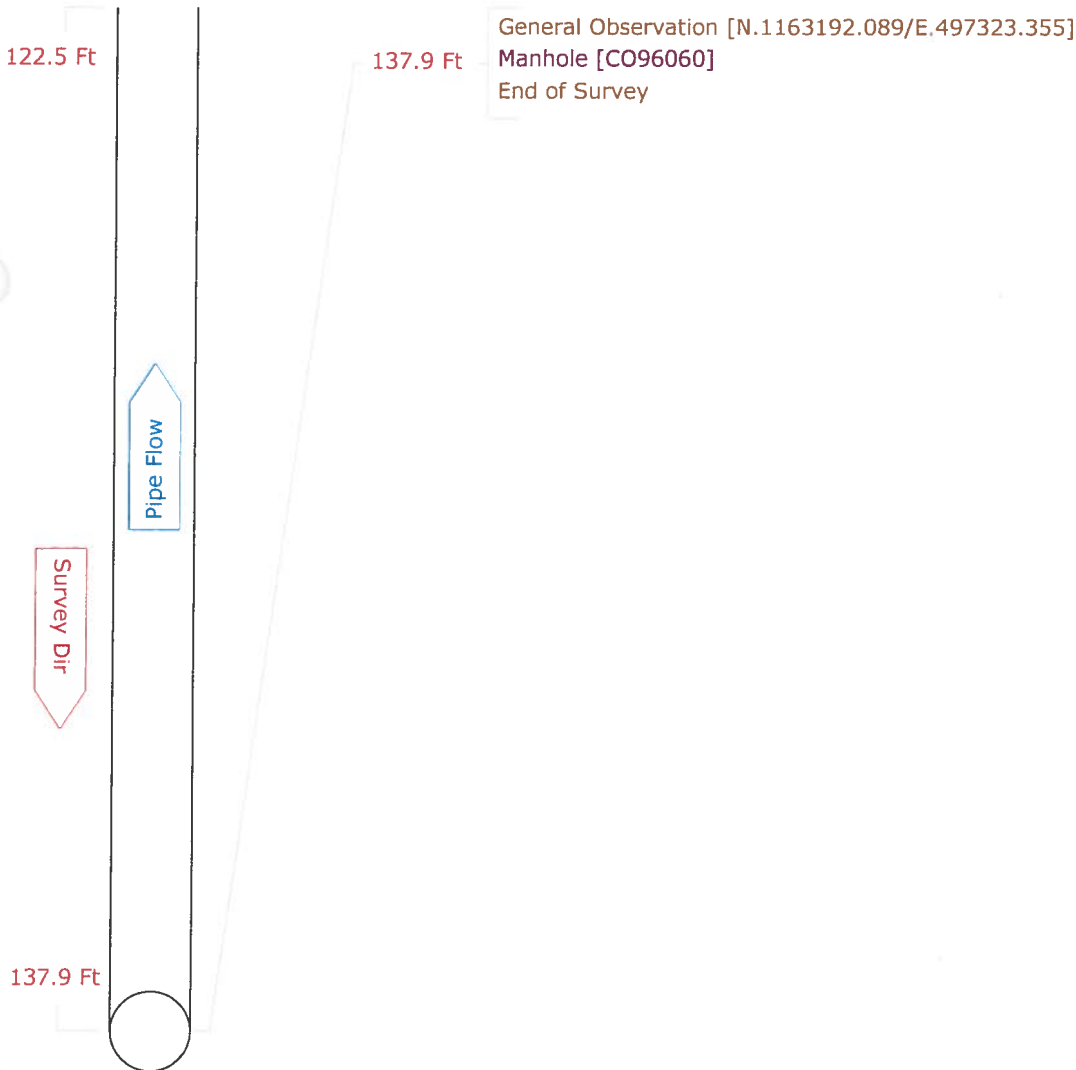
Pipe Graphic Report of PSR CO96060 X for COLONY COVE INITIAL CCTV SANITAR

Setup 44	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 12:03	Street AMELO AVE
City ELLENTON	Further location details CO96060.1 214 AMELO AVE		
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Finish CO96060	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96060.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 137.9	Ft Length Surveyed 137.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163192.089	Easting 497323.355	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



Pipe Graphic Report of PSR CO96060 X for COLONY COVE INITIAL CCTV SANITARY

Setup 44	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/16	Time 12:03	Street AMELO AVE
City ELLENTON	Further location details CO96060.1 214 AMELO AVE		
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Finish CO96060	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96060.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length Ft	Total length 137.9 Ft	Length Surveyed 137.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH	Structural O&M Constructional		
Location Easement/Right of Way	Miscellaneous Hydraulic		
Project	Work Order		
Northing 1163192.089	Easting 497323.355	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		

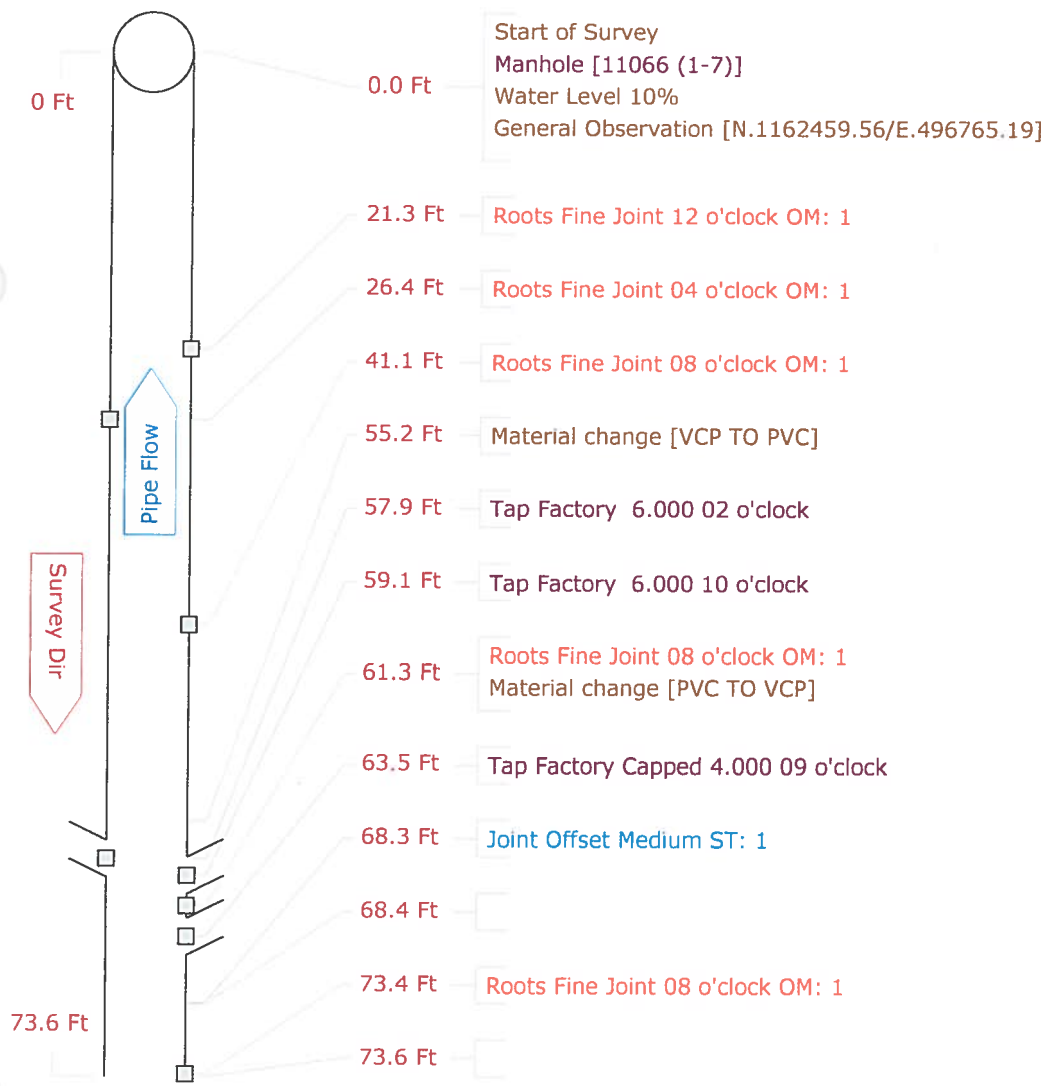


Pipe Graphic Report of PSR 1-8

X

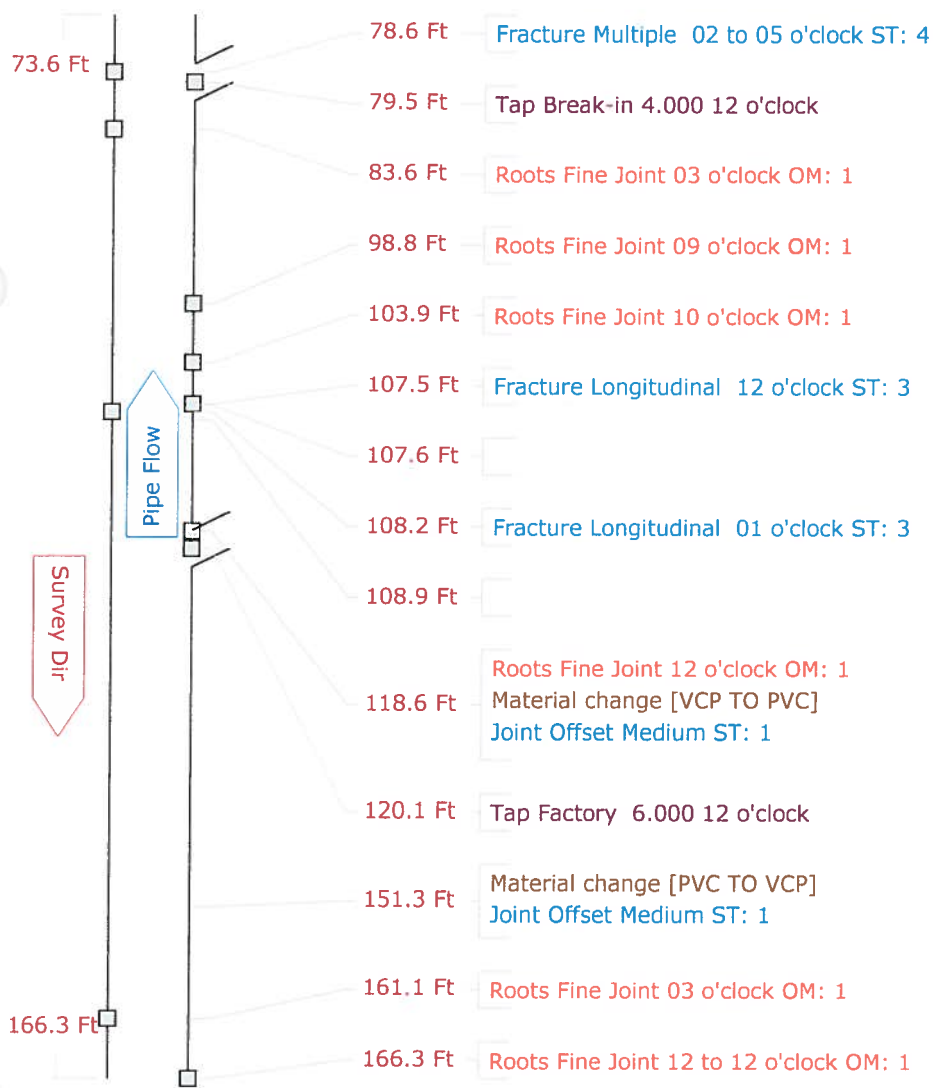
for COLONY COVE INITIAL CCTV SANITAR

Setup	45	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/17	Time	11:04	Street	DENMARK DR
City	ELLENTON	Further location details	1-8.1 189 DENMARK DR				
Start	11066 (1-7)	Rim to invert	2.40	Grade to invert		Rim to grade	Ft
Finish	1-8	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	1-8.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/04/17
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	199.7	Ft	Length Surveyed 199.70
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	WEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	Constructional
Northing	1162479.400	Easting	496556.477	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



Pipe Graphic Report of PSR 1-8 X for COLONY COVE INITIAL CCTV SANITARY

Setup	45	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/17	Time	11:04	Street	DENMARK DR
City	ELLENTON	Further location details	1-8.1	189	DENMARK DR		
Start	11066 (1-7)	Rim to invert	2.40	Grade to invert		Rim to grade	Ft
Finish	1-8	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	1-8.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/04/17
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	199.7	Ft	Length Surveyed 199.70
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	WEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	Constructional
Northing	1162479.400	Easting	496556.477	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			

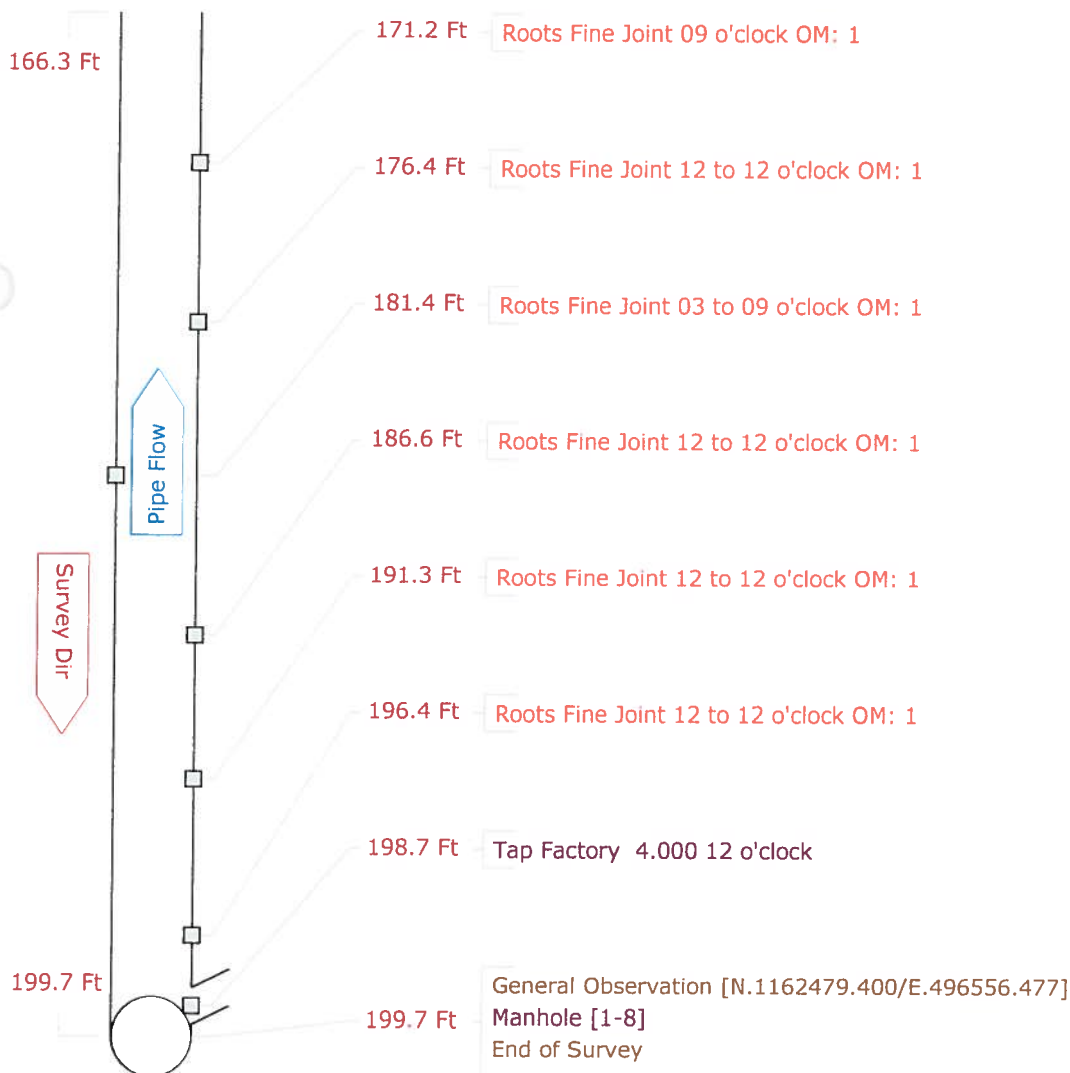


Pipe Graphic Report of PSR 1-8

X

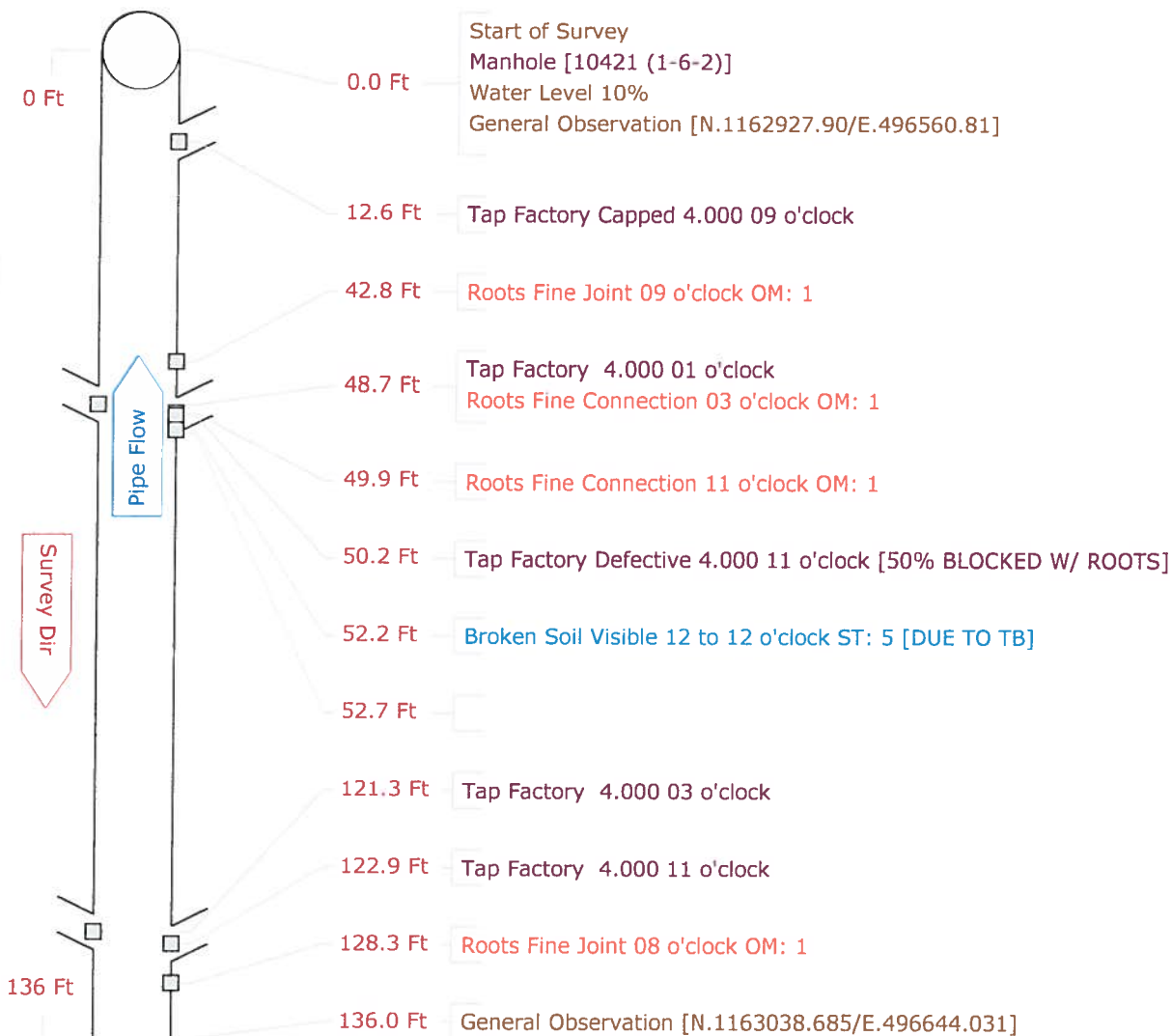
for COLONY COVE INITIAL CCTV SANITAR

Setup 45	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/17	Time 11:04	Street DENMARK DR
City ELLENTON	Further location details 1-8.1 189 DENMARK DR		
Start 11066 (1-7)	Rim to invert 2.40	Grade to invert	Rim to grade Ft
Finish 1-8	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 1-8.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/17
Material Vitrified Clay Pipe	Joint length Ft	Total length 199.7 Ft	Length Surveyed 199.70
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info WEST	<div> <div>Structural</div> <div>O&M</div> <div>Constructional</div> </div>		
Location Easement/Right of Way	<div> <div>Miscellaneous</div> <div>Hydraulic</div> </div>		
Project	Work Order		
Northing 1162479.400	Easting 496556.477	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)	GPS Accuracy		



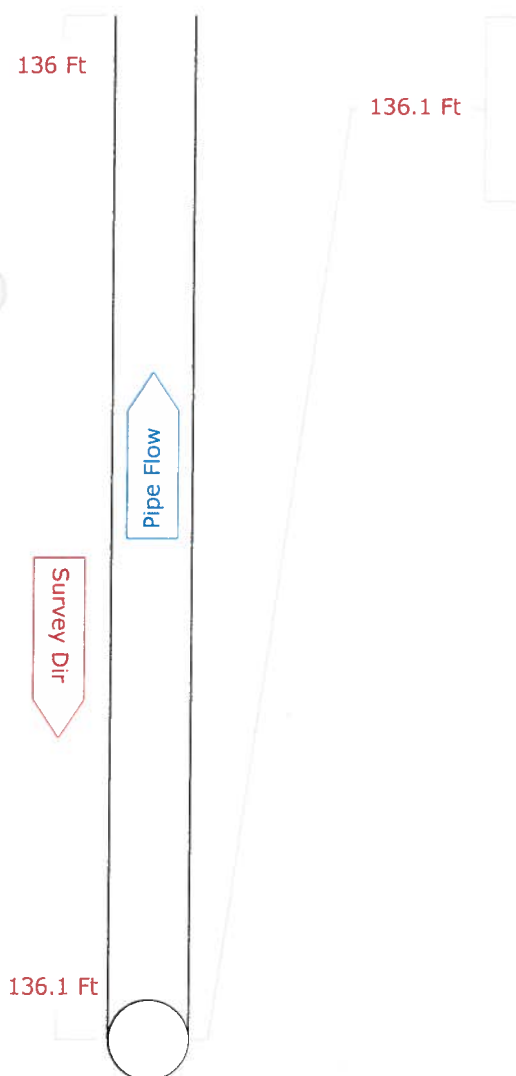
Pipe Graphic Report of PSR CO 11846 Y for COLONY COVE INITIAL CCTV SANITARY

Setup	46	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/17	Time	12:35	Street	DENMARK DR
City	ELLENTON	Further location details	CO 11846.1 200 DENMARK DRIVE				
Start	10421 (1-6-2)	Rim to invert	3.30	Grade to invert		Rim to grade	Ft
Finish	CO 11846	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO 11846.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/17
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	136.1	Ft	Length Surveyed 136.60
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTH					Structural	O&M
Location	Yard					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY 2012					Constructional	
Northing	1163038.685	Easting	496644.031	Elevation		Work Order	
Coordinate System	US STATE PLANE1983 (NAD 1983)						



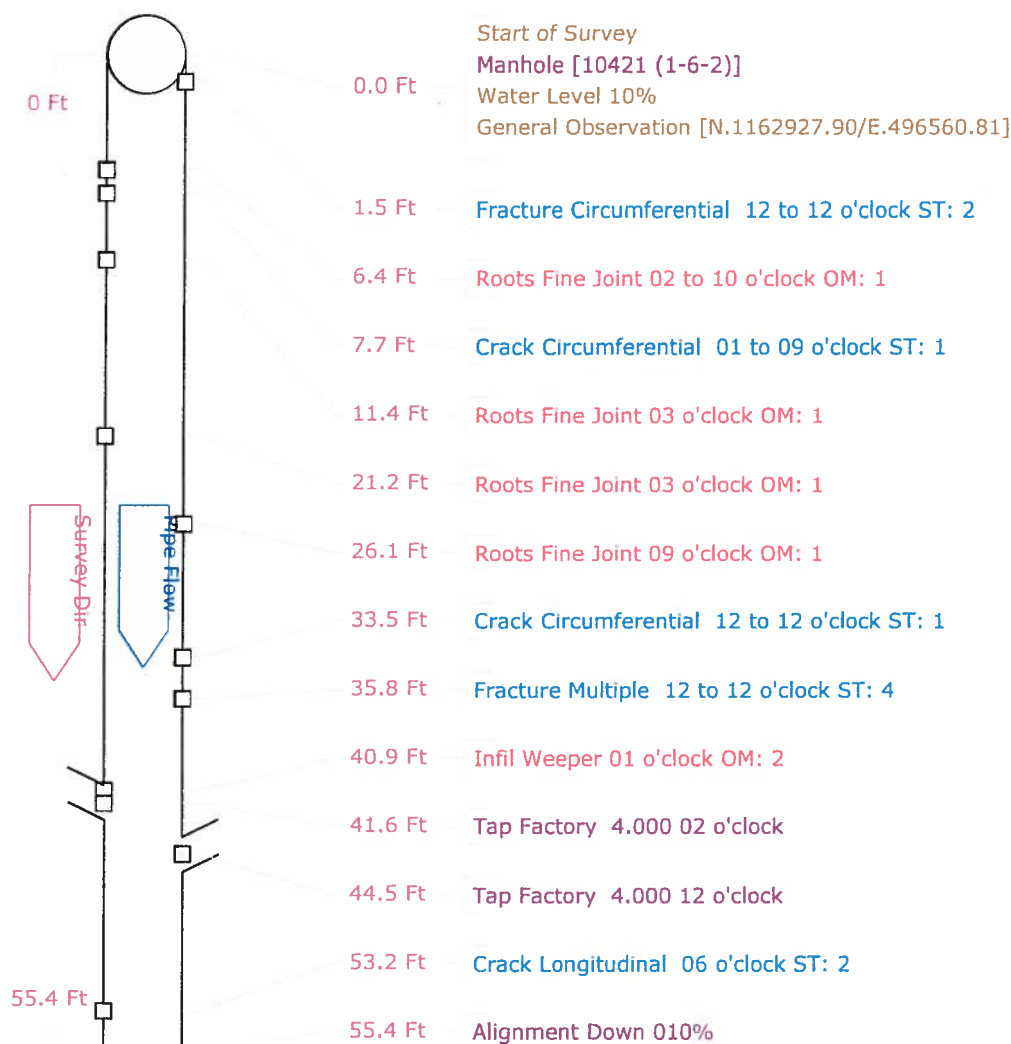
Pipe Graphic Report of PSR CO 11846 Y for COLONY COVE INITIAL CCTV SANITARY

Setup 46	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/17	Time 12:35	Street DENMARK DR
City ELLENTON	Further location details CO 11846.1 200 DENMARK DRIVE		
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade Ft
Finish CO 11846	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 11846.1
Shape Circular	Height 6 Width ins	Preclean J	Year Cleaned 2012/04/17
Material Vitrified Clay Pipe	Joint length Ft	Total length 136.1 Ft	Length Surveyed 136.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M Constructional
Location Yard		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY 2012		Work Order	
Northing 1163038.685	Easting 496644.031	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



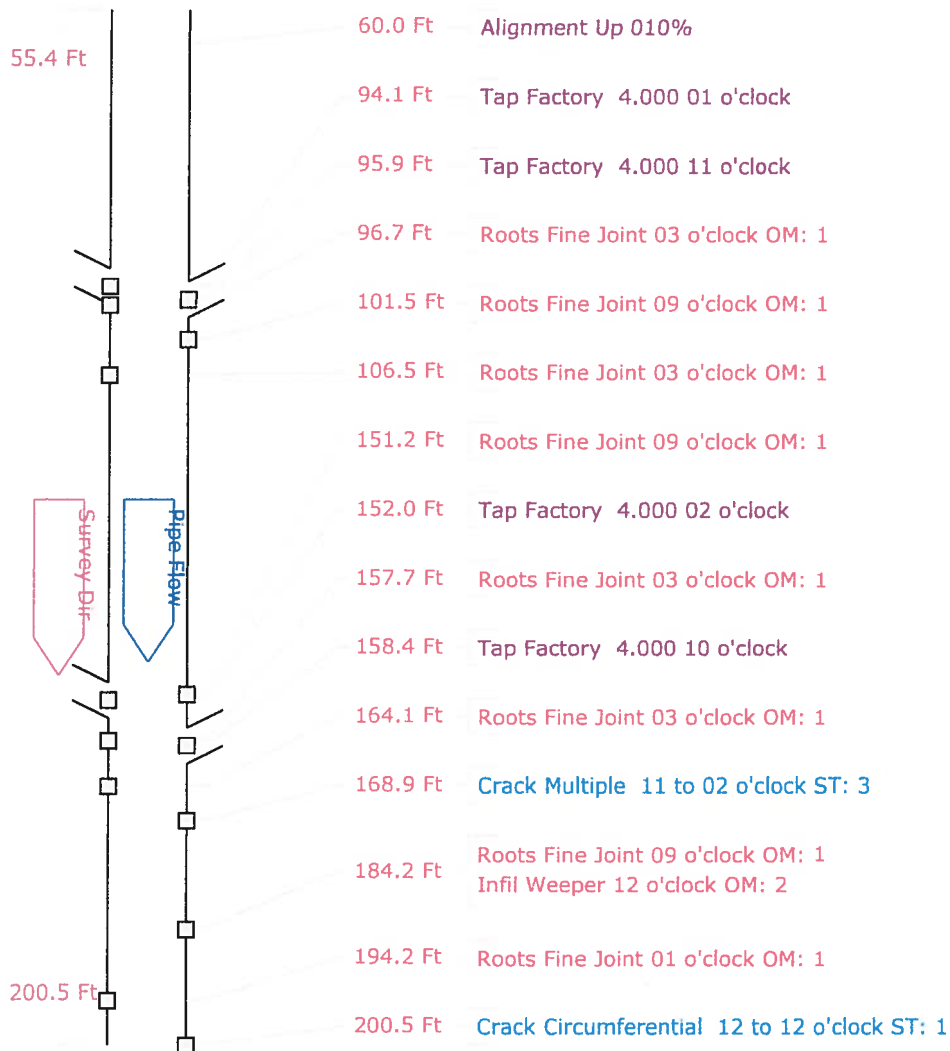
Pipe Graphic Report of PSR 10421 (1-6-2) X for COLONY COVE INITIAL CCTV SANITAR

Setup 47	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/17	Time 13:33	Street DENMARK DR
City ELLENTON	Further location details 10421.1 200 DENMARK DR		
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade Ft
Finish 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 10421.1
Shape Circular	Height 6 Width ins	Preclean J	Year Cleaned 2012/04/17
Material Vitrified Clay Pipe	Joint length Ft	Total length 204.6 Ft	Length Surveyed 204.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162927.90	Easting 496560.81	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



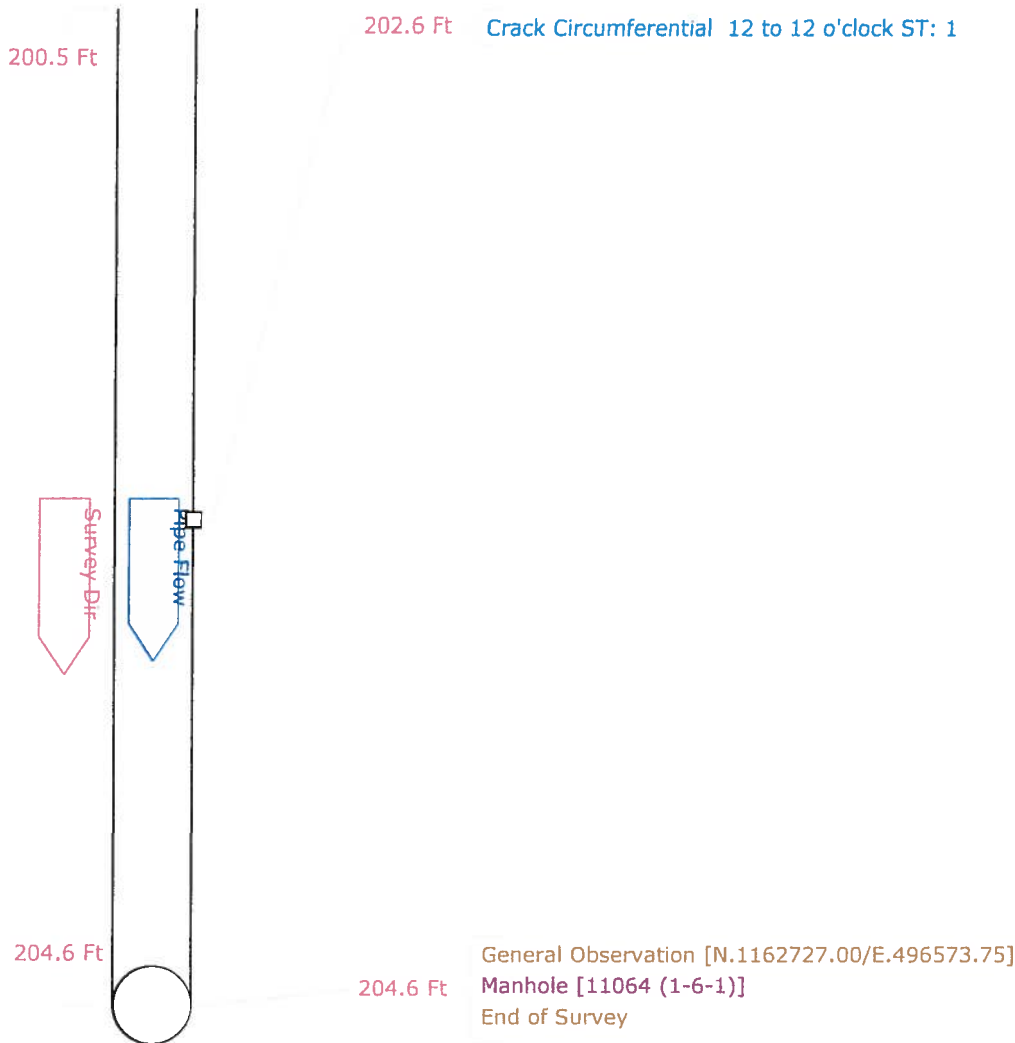
Pipe Graphic Report of PSR 10421 (1-6-2) X for COLONY COVE INITIAL CCTV SANITAR

Setup 47	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/17	Time 13:33	Street DENMARK DR
City ELLENTON	Further location details 10421.1 200 DENMARK DR		
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade Ft
Finish 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 10421.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 204.6 Ft	Length Surveyed 204.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project			Work Order
Northing 1162927.90	Easting 496560.81	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



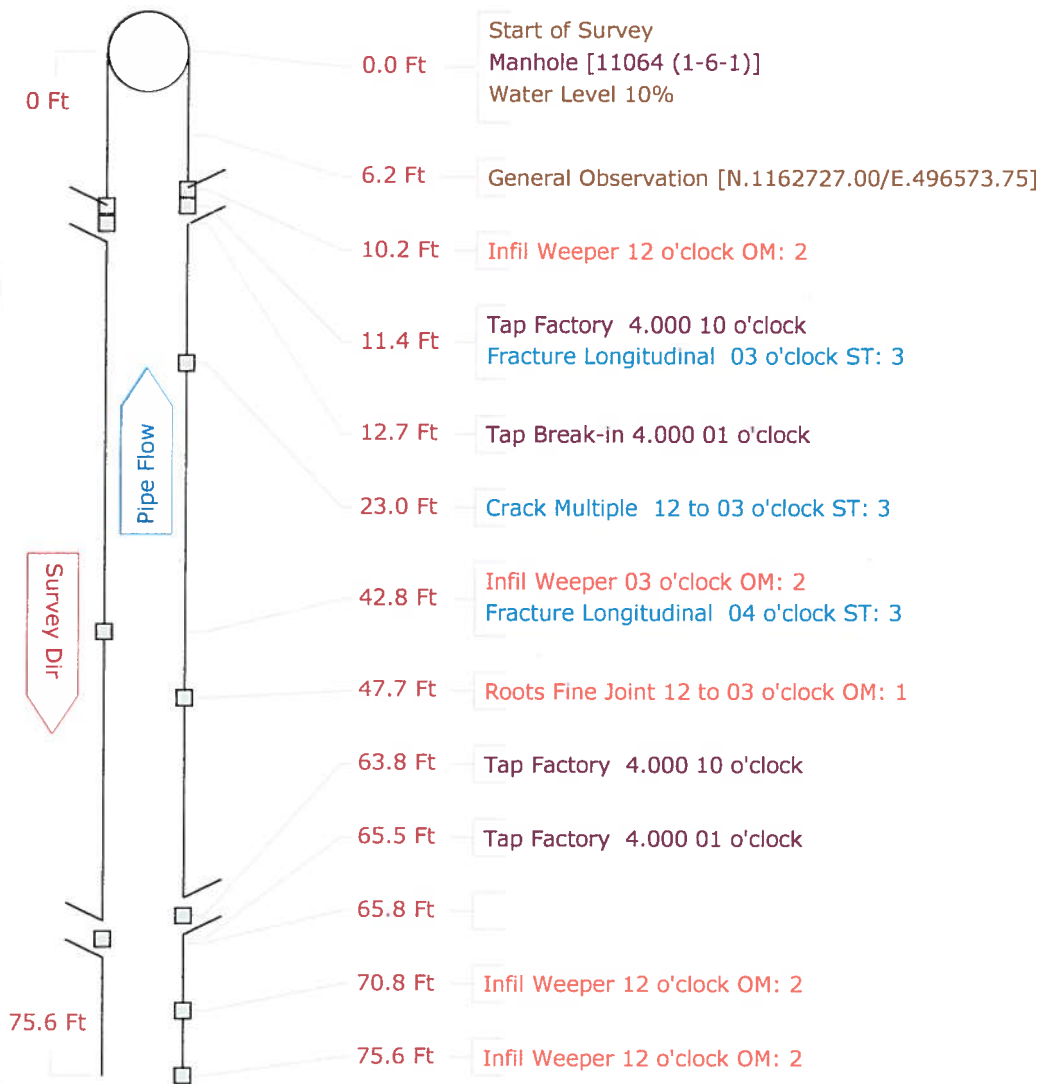
Pipe Graphic Report of PSR 10421 (1-6-2) X for COLONY COVE INITIAL CCTV SANITARY

Setup 47	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/17	Time 13:33	Street DENMARK DR
City ELLENTON	Further location details 10421.1 200 DENMARK DR		
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade Ft
Finish 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 10421.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/04/17
Material Vitrified Clay Pipe	Joint length	Ft Total length 204.6	Ft Length Surveyed 204.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1162927.90	Easting 496560.81	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



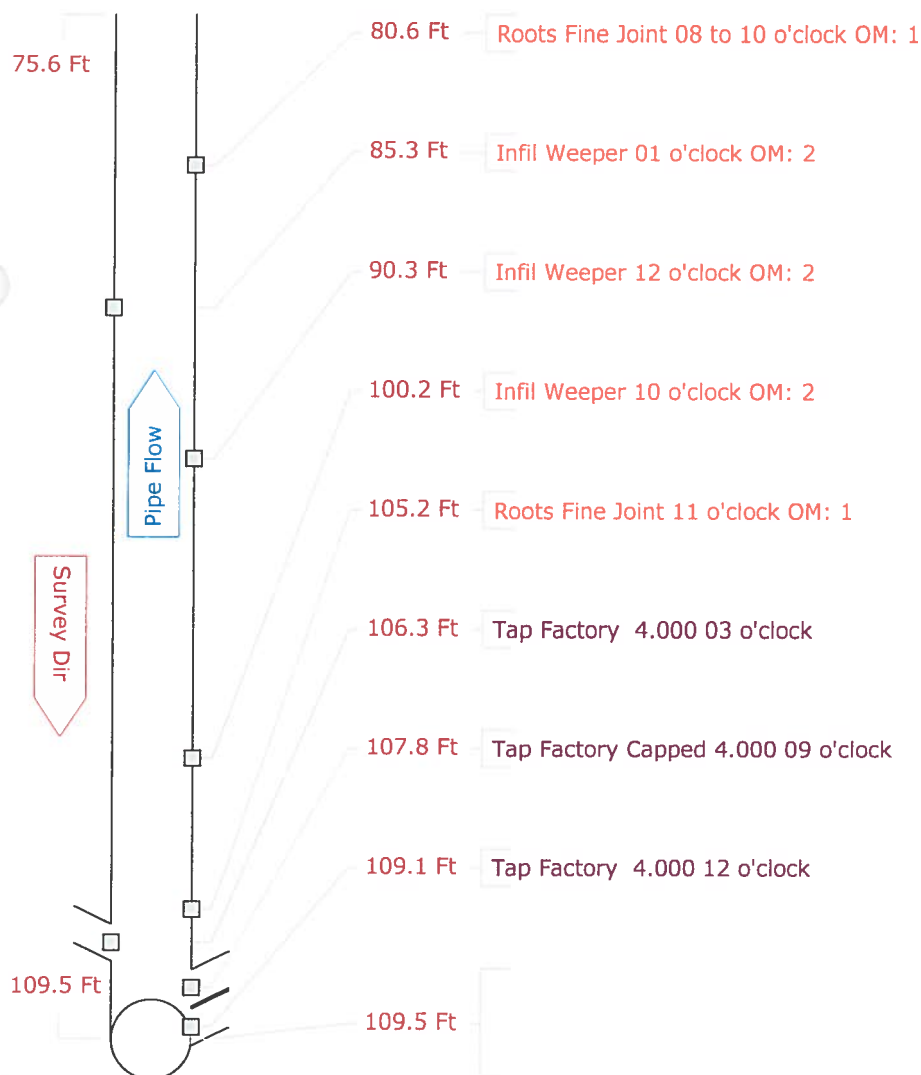
Pipe Graphic Report of PSR CO 96085 X for COLONY COVE INITIAL CCTV SANITAR

Setup	48	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/18	Time	10:11	Street	ROTTERDAM AVE
City	ELLENTON	Further location details	CO96085.1 310 ROTTERDAM AVE				
Start	11064 (1-6-1)	Rim to invert	3.70	Grade to invert		Rim to grade	Ft
Finish	CO 96085	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96085.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/18
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	109.5	Ft	Length Surveyed 109.50
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1162625.857	Easting	496586.664		Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



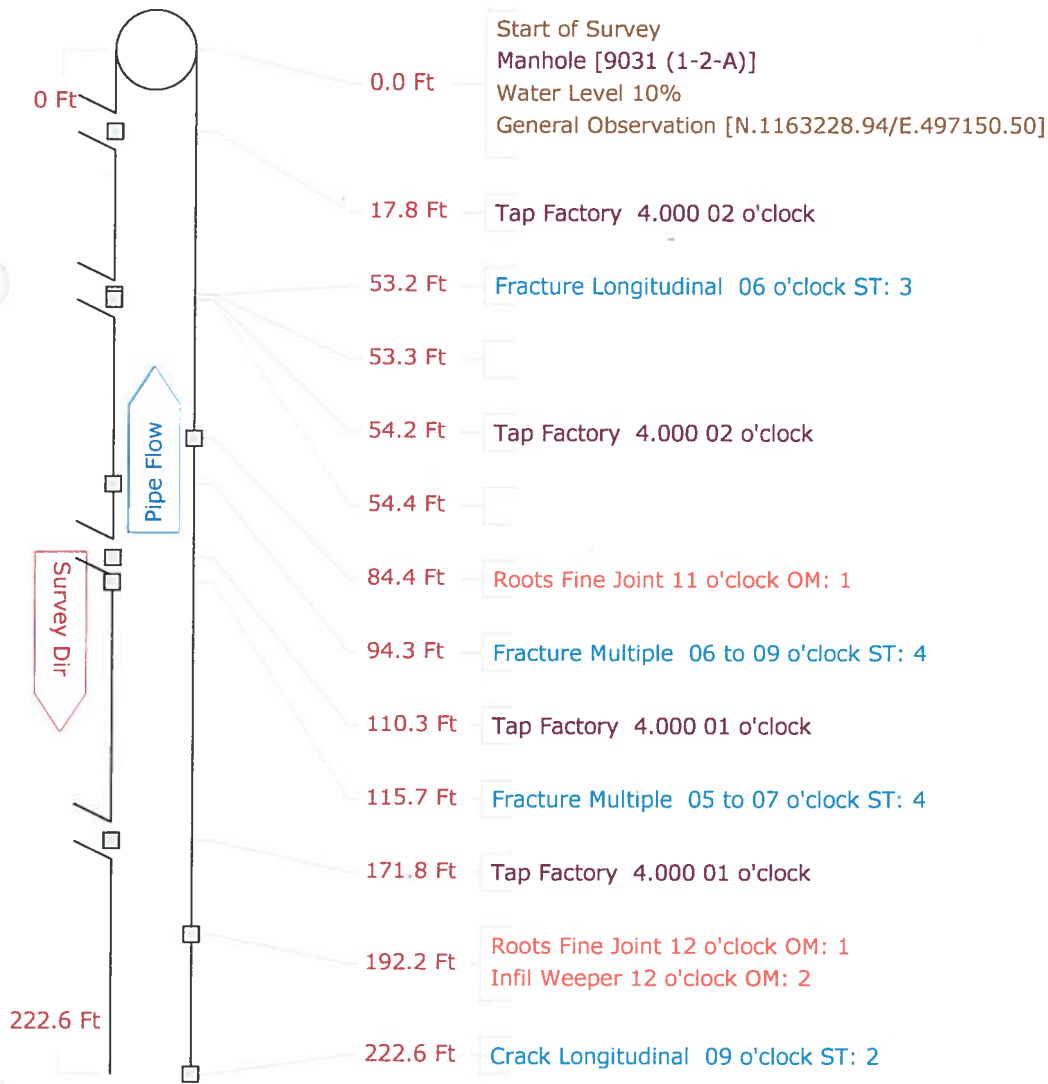
Pipe Graphic Report of PSR CO 96085 X for COLONY COVE INITIAL CCTV SANITARY

Setup	48	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage			Survey Customer	COLONY COVE					
P/O #			Date	2012/04/18	Time	10:11	Street	ROTTERDAM AVE	
City	ELLENTON		Further location details		CO96085.1 310 ROTTERDAM AVE				
Start	11064 (1-6-1)		Rim to invert	3.70	Grade to invert		Rim to grade		Ft
Finish	CO 96085		Rim to invert		Grade to invert		Rim to grade		Ft
Use	Sanitary		Direction	Upstream	Flow control		Media No		CO96085.1
Shape	Circular		Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/18	
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	109.5	Ft	Length Surveyed	109.50
Lining			Year laid		Year rehabilitated		Weather	Dry	
Purpose					Cat				
Additional info							SOUTH		
Location							Easement/Right of Way		
Project							Work Order		
Northing		1162625.857		Easting		496586.664		Elevation	
Coordinate System		US STATE PLANE1983 (NAD 1983)				GPS Accuracy			



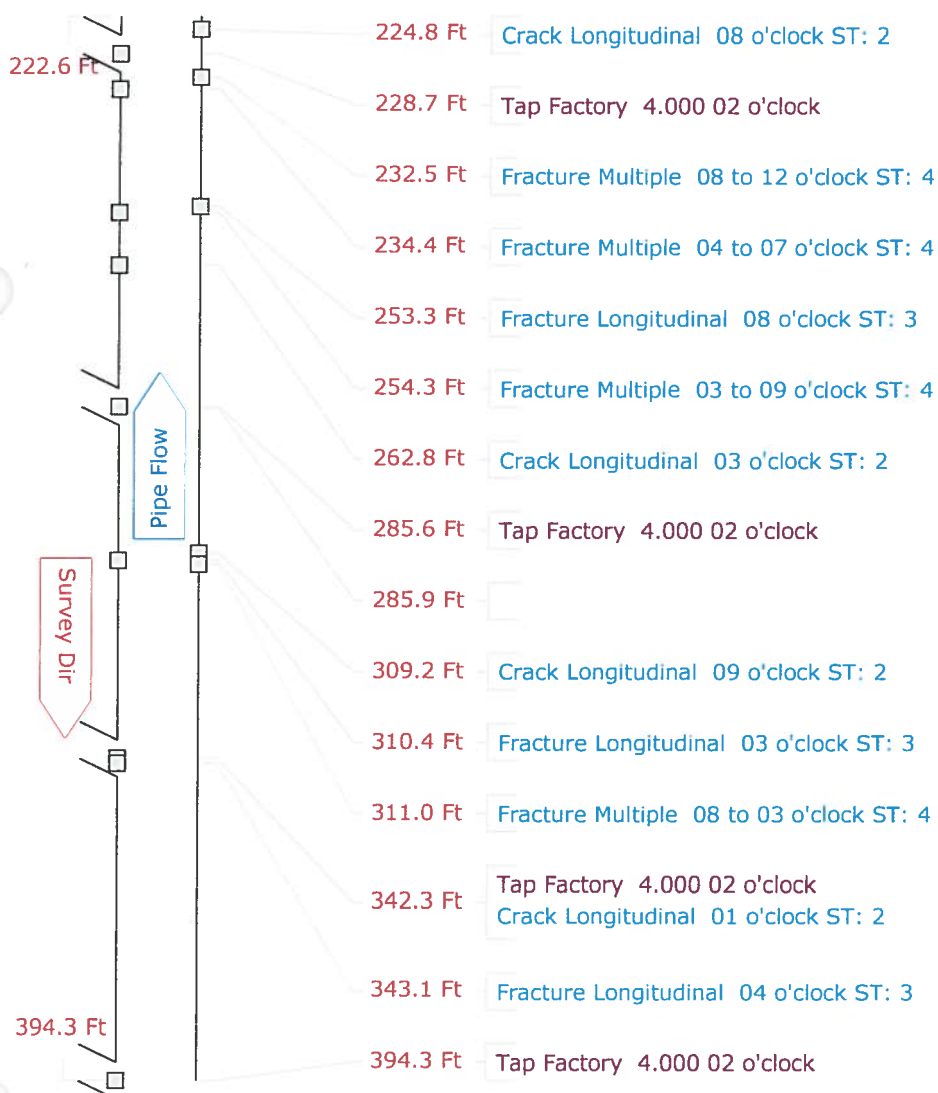
Pipe Graphic Report of PSR CO EOL 31 (1-2-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup	49	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage			Survey Customer	COLONY COVE					
P/O #			Date	2012/04/18	Time	12:04	Street	AMSTERDAM AVE	
City	ELLENTON		Further location details		CO EOL 31.1 217 AMSTERDAM AVE				
Start	9031 (1-2-A)			Rim to invert	5.90	Grade to invert	Rim to grade		Ft
Finish	CO EOL 31 (1-2-1)			Rim to invert		Grade to invert	Rim to grade		Ft
Use	Sanitary			Direction	Upstream	Flow control	Media No		CO EOL31.1
Shape	Circular			Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/02
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	395.0	Ft	Length Surveyed 395.00
Lining				Year laid		Year rehabilitated	Weather		Dry
Purpose				Cat					
Additional info	NORTHWEST						Structural	O&M	Constructional
Location	Easement/Right of Way						Miscellaneous	Hydraulic	
Project							Work Order		
Northing	1163565.944		Easting	496935.981		Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy			



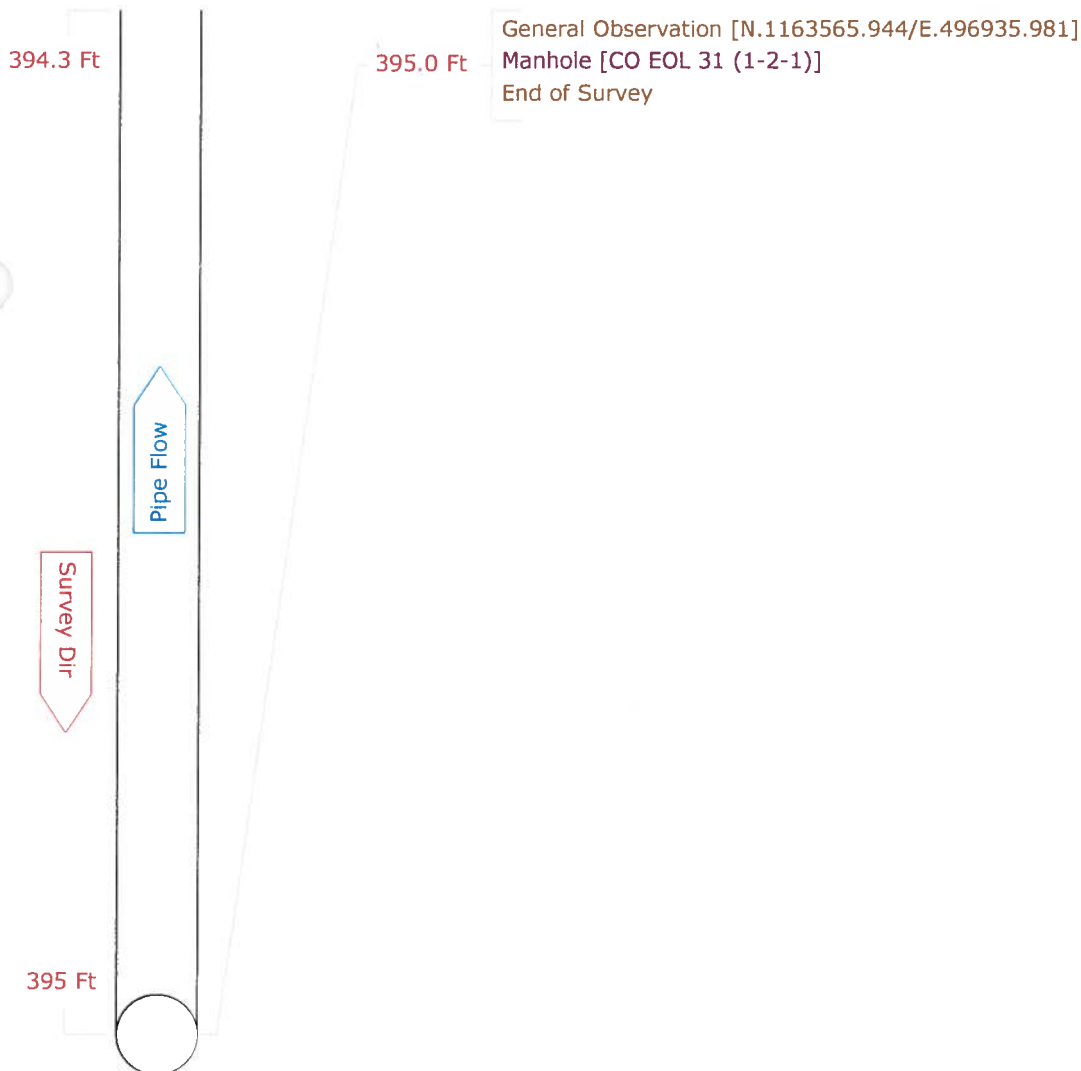
Pipe Graphic Report of PSR CO EOL 31 (1-2-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 49	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/18	Time 12:04	Street AMSTERDAM AVE
City ELLENTON	Further location details CO EOL 31.1 217 AMSTERDAM AVE		
Start 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish CO EOL 31 (1-2-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO EOL31.1
Shape Circular	Height 6 Width ins	Preclean J	Year Cleaned 2012/04/02
Material Vitrified Clay Pipe	Joint length Ft	Total length 395.0 Ft	Length Surveyed 395.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163565.944	Easting 496935.981	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



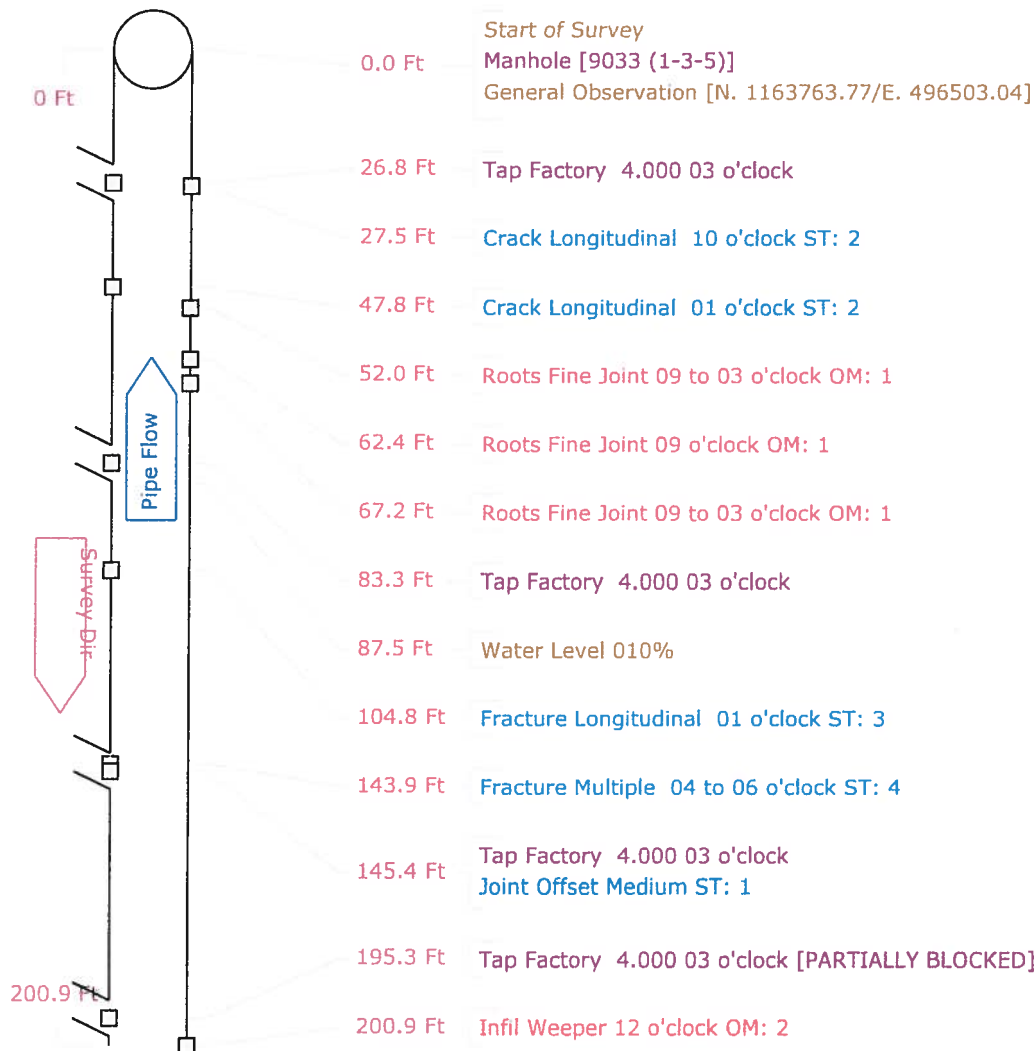
Pipe Graphic Report of PSR CO EOL 31 (1-2-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 49	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/18	Time 12:04	Street AMSTERDAM AVE
City ELLENTON	Further location details CO EOL 31.1 217 AMSTERDAM AVE		
Start 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish CO EOL 31 (1-2-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO EOL31.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/04/02
Material Vitrified Clay Pipe	Joint length Ft	Total length 395.0 Ft	Length Surveyed 395.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST	<div> <div>Structural</div> <div>O&M</div> <div>Constructional</div> </div>		
Location Easement/Right of Way	<div> <div>Miscellaneous</div> <div>Hydraulic</div> </div>		
Project	Work Order		
Northing 1163565.944	Easting 496935.981	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



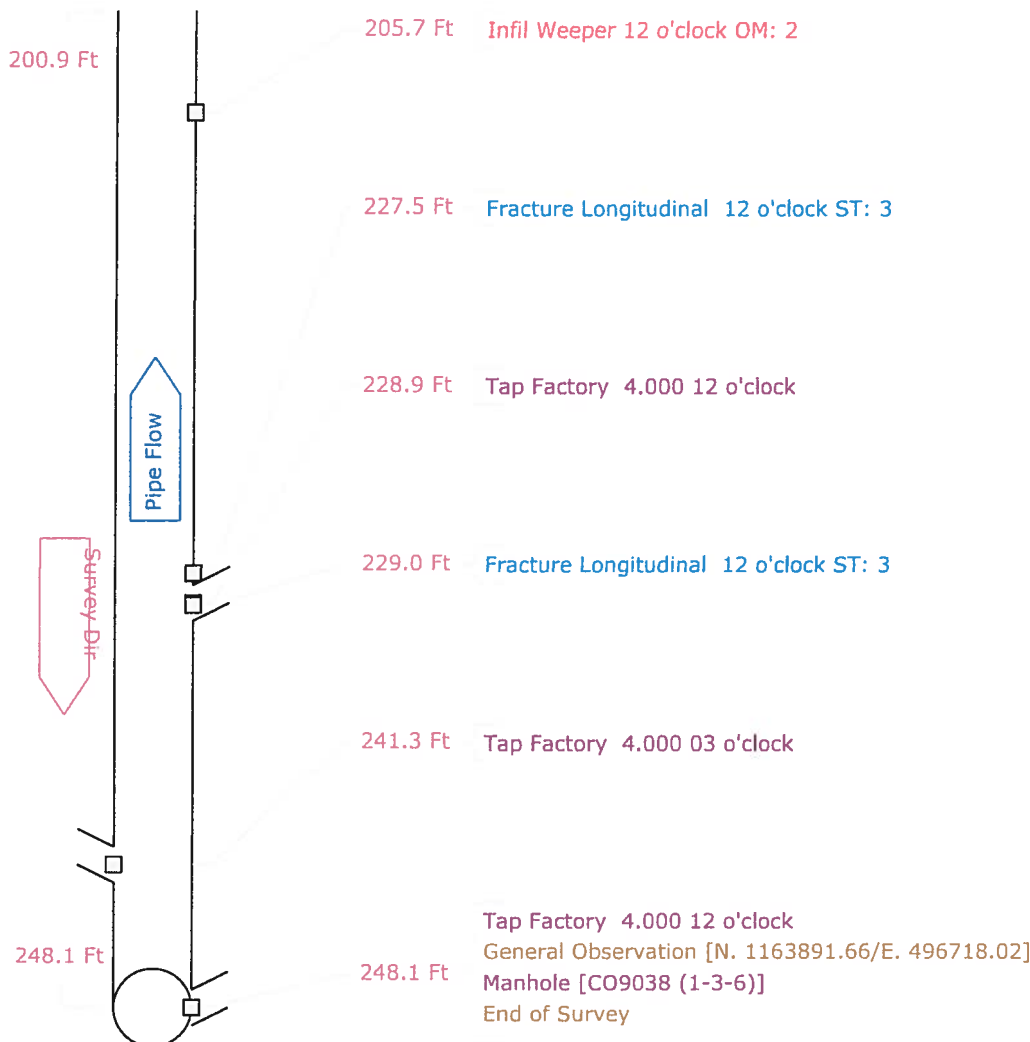
Pipe Graphic Report of PSR CO9038 (1-3-6) X for COLONY COVE INITIAL CCTV SANITAR

Setup	50	Surveyor	TIM	Certificate #	u-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/20	Time	8:25	Street	HOLLAND AVE
City	ELLENTON	Further location details	101 HOLLAND AVE				
Start	9033 (1-3-5)	Rim to invert	5.90	Grade to invert		Rim to grade	Ft
Finish	CO9038 (1-3-6)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO9038
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	248.1	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
Northing	1163891.66	Easting	496718.02	Elevation		Work Order	
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



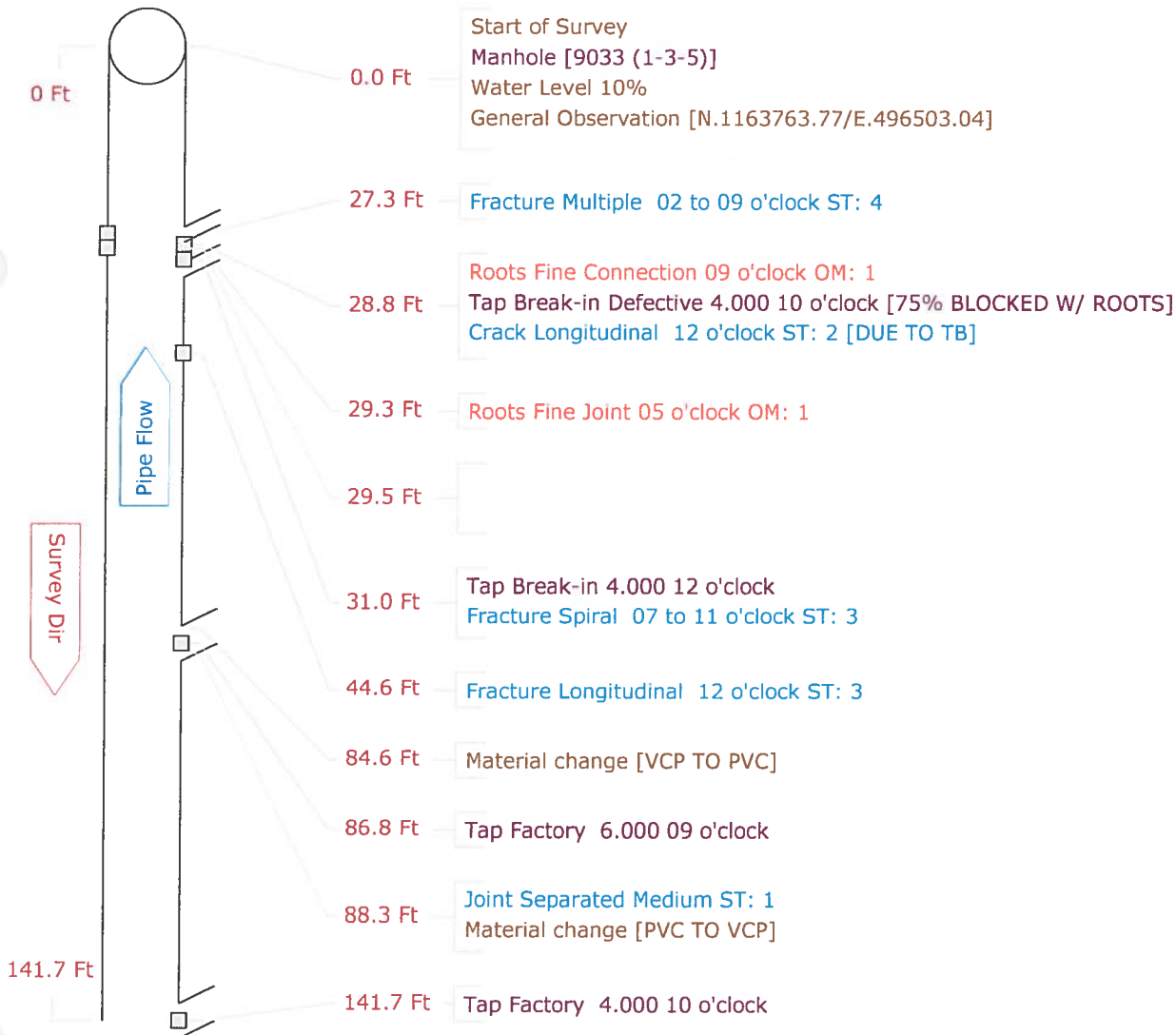
Pipe Graphic Report of PSR CO9038 (1-3-6) X for COLONY COVE INITIAL CCTV SANITAR

Setup 50	Surveyor TIM	Certificate # u-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/20	Time 8:25	Street HOLLAND AVE
City ELLENTON	Further location details 101 HOLLAND AVE		
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish CO9038 (1-3-6)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO9038
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 248.1 Ft	Length Surveyed 248.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHEAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163891.66	Easting 496718.02	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



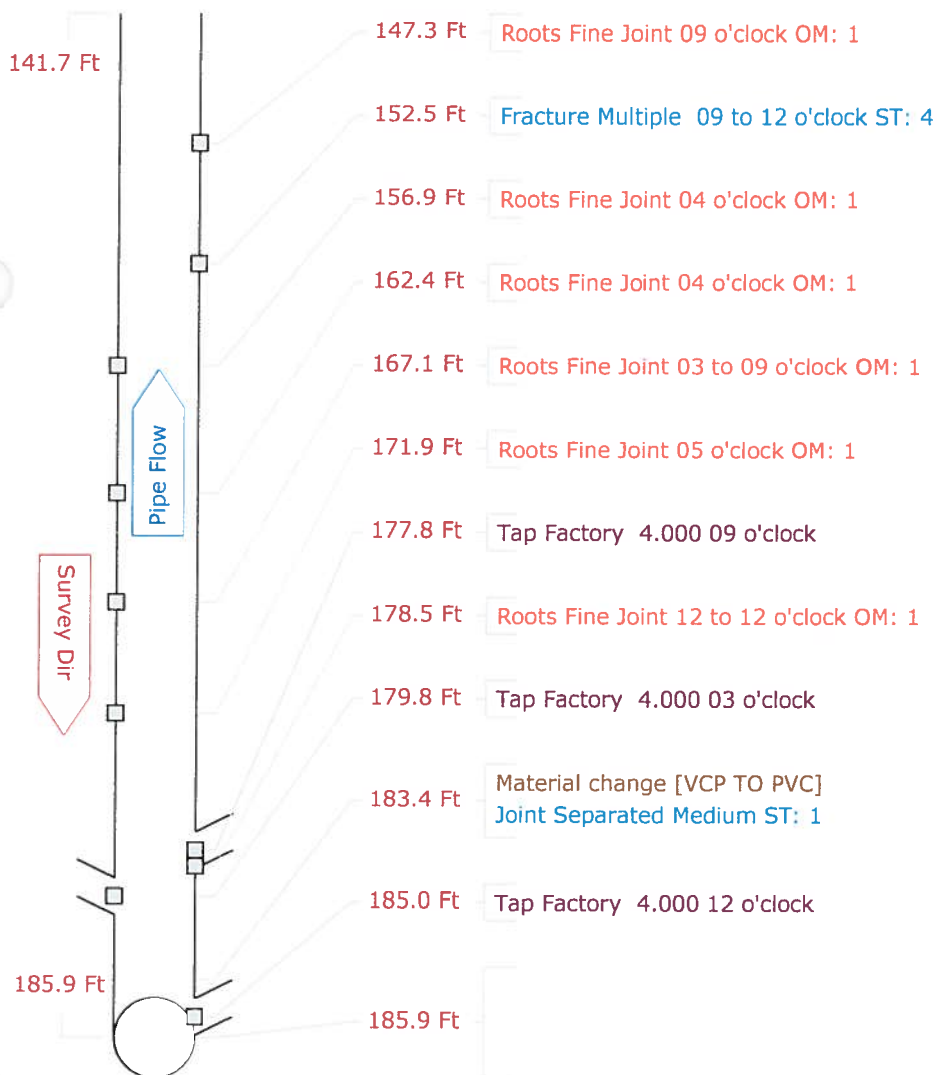
Pipe Graphic Report of PSR CO 9039 (1-3-7) Y for COLONY COVE INITIAL CCTV SANITAR

Setup	51	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE			
Drainage	Survey Customer			COLONY COVE							
P/O #	Date			2012/04/20	Time	9:45	Street	HOLLAND AVE			
City	ELLENTON			Further location details		CO 9039.1 100 HOLLAND AVE					
Start	9033 (1-3-5)			Rim to invert	5.90	Grade to invert		Rim to grade	Ft		
Finish	CO 9039 (1-3-7)			Rim to invert		Grade to invert		Rim to grade	Ft		
Use	Sanitary			Direction	Upstream	Flow control		Media No	CO9039.1		
Shape	Circular			Height	6	Width	ins	Preclean	J	Year Cleaned	2012/04/20
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	185.9	Ft	Length Surveyed	185.90	
Lining				Year laid		Year rehabilitated		Weather	Dry		
Purpose				Cat							
Additional info	SOUTHWEST						Structural	O&M	Constructional		
Location	Easement/Right of Way						Miscellaneous	Hydraulic			
Project							Work Order				
Northing	1163679.351			Easting	496339.883		Elevation				
Coordinate System	US STATE PLANE1983 (NAD 1983)						GPS Accuracy				



Pipe Graphic Report of PSR CO 9039 (1-3-7) Y for COLONY COVE INITIAL CCTV SANITAR

Setup	51	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/20	Time	9:45	Street	HOLLAND AVE
City	ELLENTON	Further location details	CO 9039.1	100 HOLLAND AVE			
Start	9033 (1-3-5)	Rim to invert	5.90	Grade to invert		Rim to grade	Ft
Finish	CO 9039 (1-3-7)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO9039.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	185.9	Ft	Length Surveyed
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163679.351	Easting	496339.883	Elevation			
Coordinate System	US STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

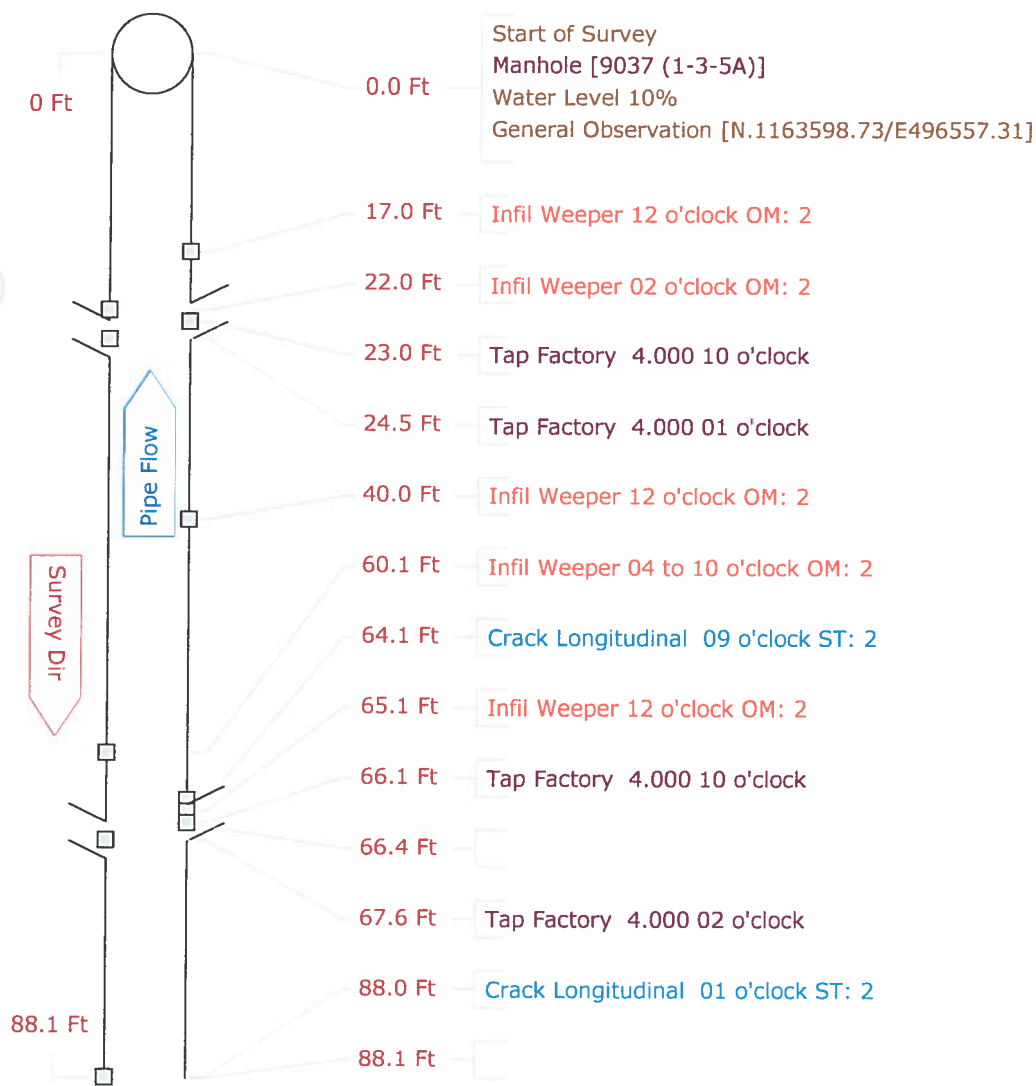


Pipe Graphic Report of PSR CO96088

Y

for COLONY COVE INITIAL CCTV SANITARY

Setup	52	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/20	Time	11:58	Street	HOLLAND ST
City	ELLENTON	Further location details	CO96088.1 109 HOLLAND ST.				
Start	9037 (1-3-5A)	Rim to invert	7.00	Grade to invert		Rim to grade	Ft
Finish	CO96088	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96088.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/20
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	185.7	Ft	Length Surveyed 185.70
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Constructional
Project						Hydraulic	
						Work Order	
Northing	1163509.238	Easting	496393.786	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			

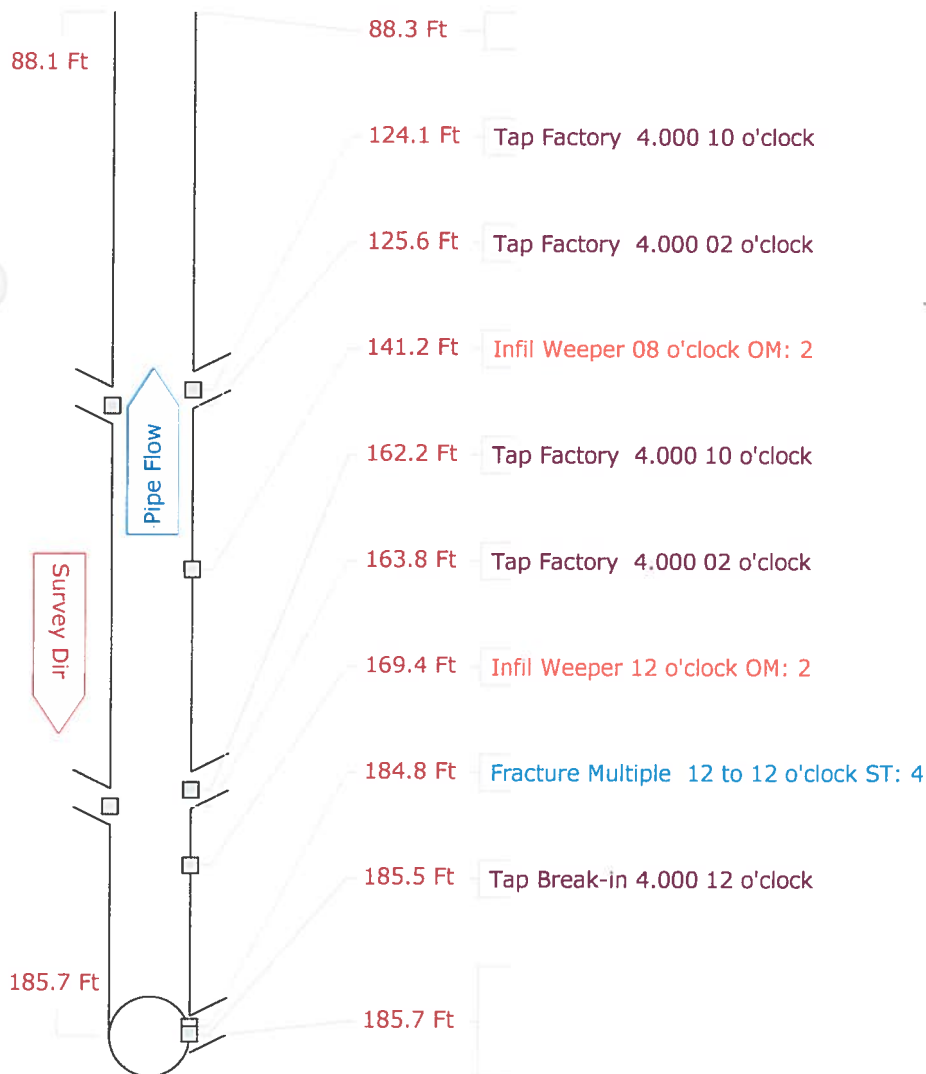


Pipe Graphic Report of PSR CO96088

Y

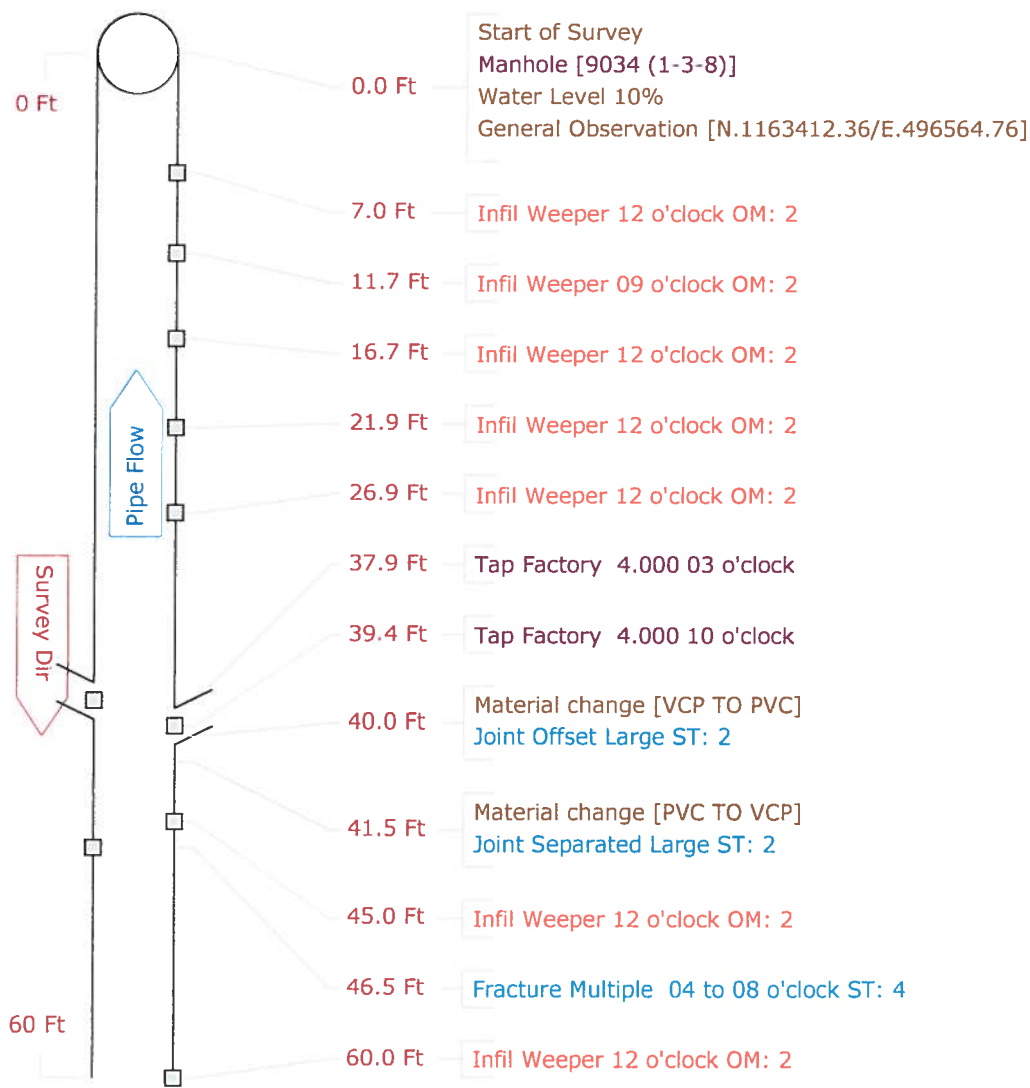
for COLONY COVE INITIAL CCTV SANITAR

Setup	52	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE		
Drainage	Survey Customer			COLONY COVE						
P/O #	Date			2012/04/20	Time	11:58	Street	HOLLAND ST		
City	ELLENTON			Further location details						CO96088.1 109 HOLLAND ST.
Start	9037 (1-3-5A)			Rim to invert	7.00	Grade to invert	Rim to grade		Ft	
Finish	CO96088			Rim to invert		Grade to invert	Rim to grade		Ft	
Use	Sanitary			Direction	Upstream	Flow control	Media No		CO96088.1	
Shape	Circular			Height	6	Width	ins	Preclean J	Year Cleaned	2012/04/20
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	185.7	Ft	Length Surveyed	185.70
Lining				Year laid		Year rehabilitated		Weather	Dry	
Purpose				Cat						
Additional info	SOUTHWEST						Structural	O&M	Constructional	
Location	Easement/Right of Way						Miscellaneous	Hydraulic		
Project							Work Order			
Northing	1163509.238			Easting	496393.786		Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)						GPS Accuracy			



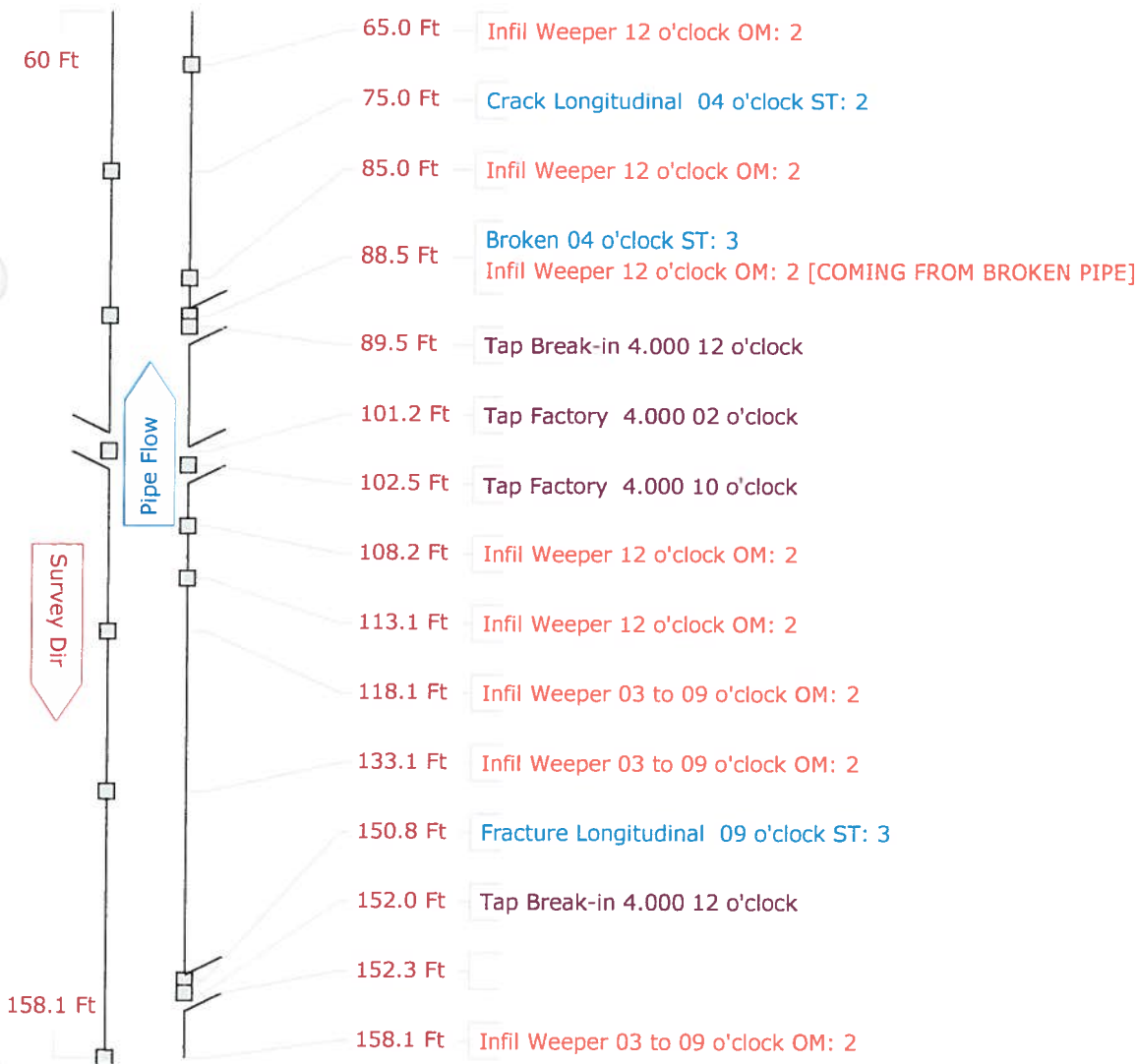
Pipe Graphic Report of PSR CO96089 Y for COLONY COVE INITIAL CCTV SANITAR

Setup	53	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/20	Time	13:39	Street	ROTTERDAM AVE
City	ELLENTON	Further location details	CO96089.1 201 ROTTERDAM AVE				
Start	9034 (1-3-8)	Rim to invert	6.30	Grade to invert		Rim to grade	Ft
Finish	CO96089	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96089.1
Shape	Circular	Height	6	Width	ins Preclean J	Year Cleaned	2012/03/28
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	199.1	Ft Length Surveyed	199.10
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163315.215	Easting	496384.081	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



Pipe Graphic Report of PSR CO96089 Y for COLONY COVE INITIAL CCTV SANITAR

Setup 53	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/20	Time 13:39	Street ROTTERDAM AVE
City ELLENTON	Further location details CO96089.1 201 ROTTERDAM AVE		
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade Ft
Finish CO96089	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96089.1
Shape Circular	Height 6	Width ins	Year Cleaned 2012/03/28
Material Vitrified Clay Pipe	Joint length Ft	Total length 199.1 Ft	Length Surveyed 199.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Constructional
Project		Work Order	
Northing 1163315.215	Easting 496384.081	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

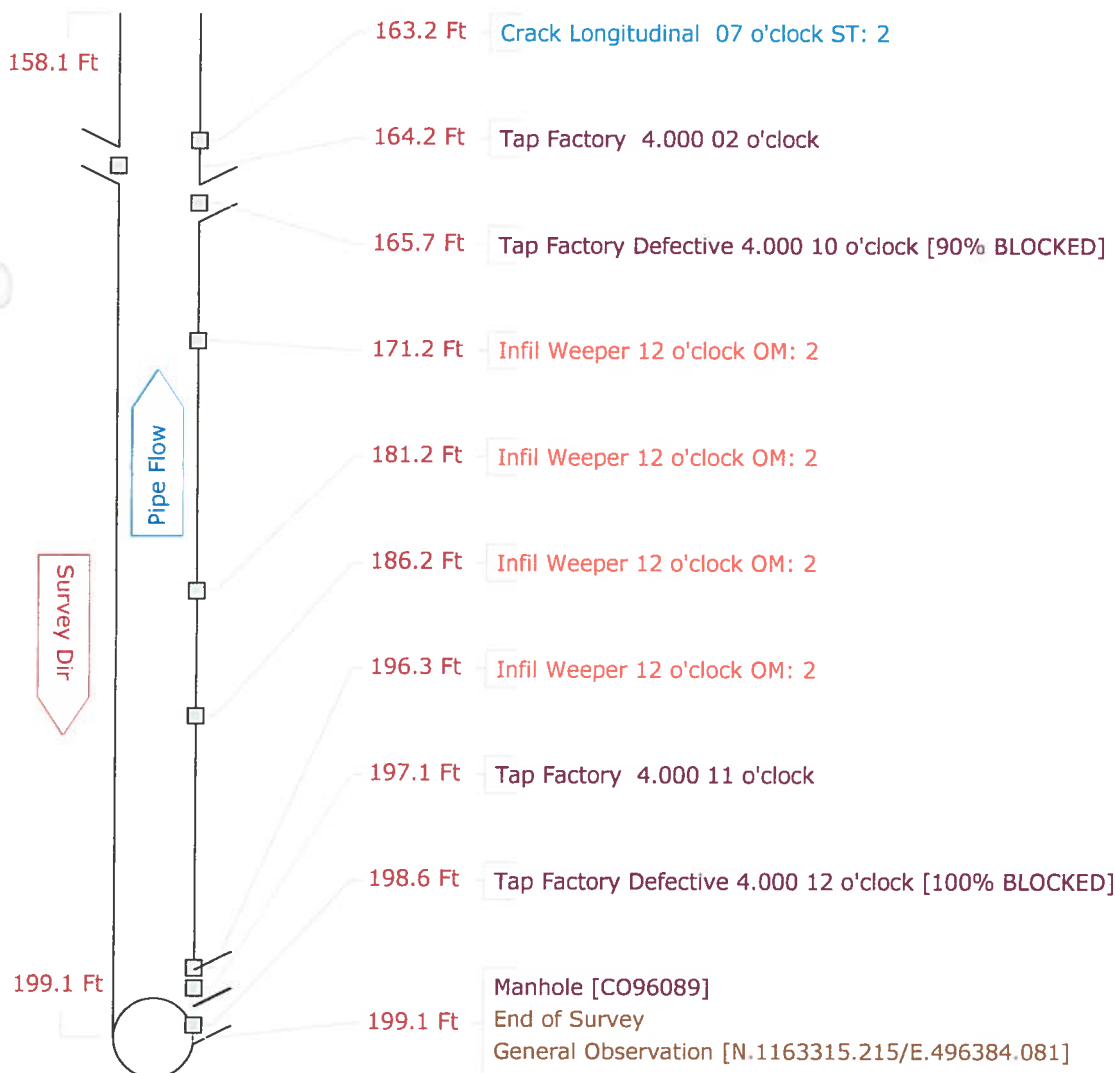


Pipe Graphic Report of PSR CO96089

Y

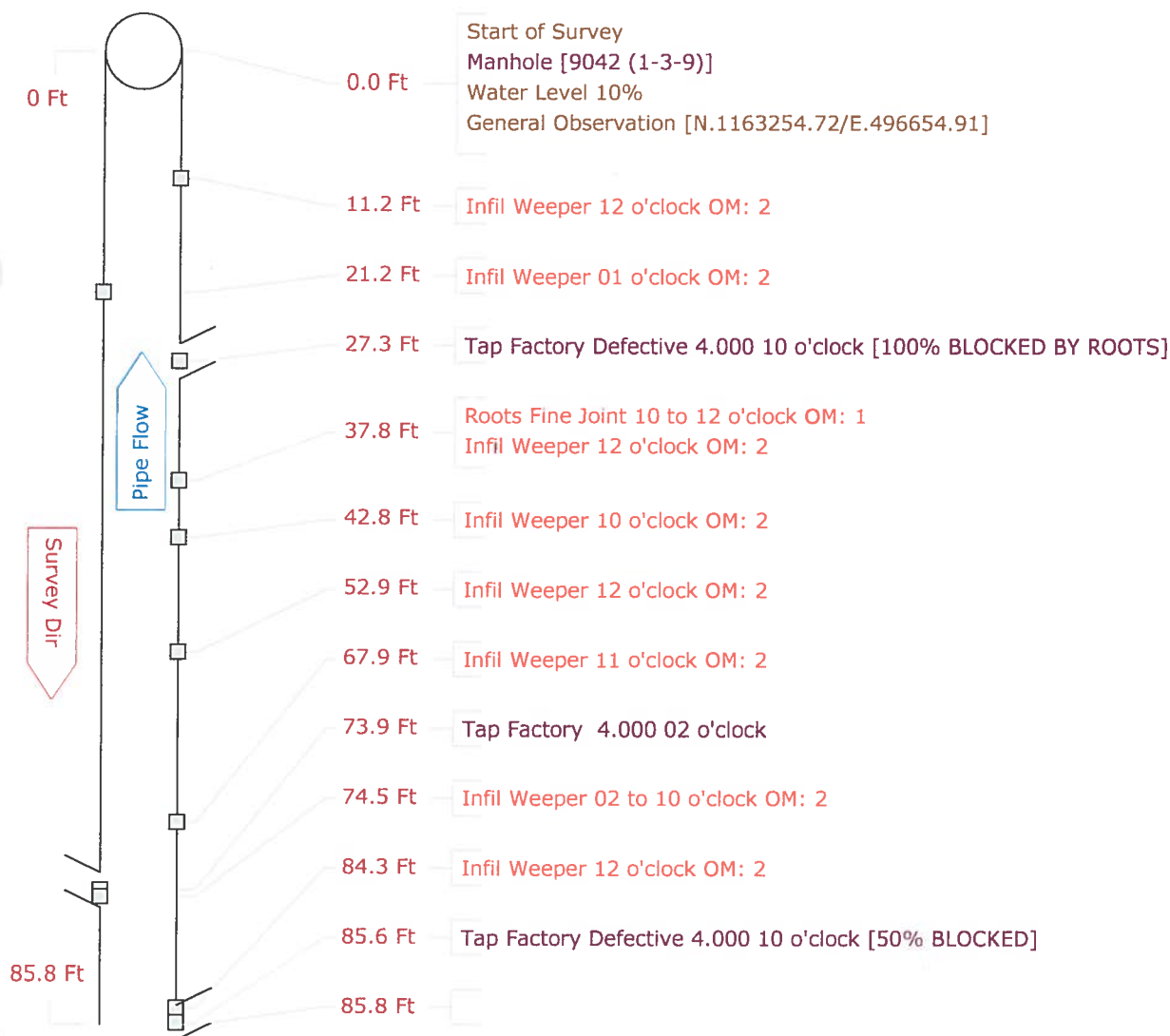
for COLONY COVE INITIAL CCTV SANITAR

Setup	53	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/20	Time	13:39	Street	ROTTERDAM AVE
City	ELLENTON	Further location details	CO96089.1	201	ROTTERDAM AVE		
Start	9034 (1-3-8)	Rim to invert	6.30	Grade to invert		Rim to grade	Ft
Finish	CO96089	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96089.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/03/28
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	199.1	Ft	Length Surveyed 199.10
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
Northing	1163315.215	Easting	496384.081	Elevation		Work Order	
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



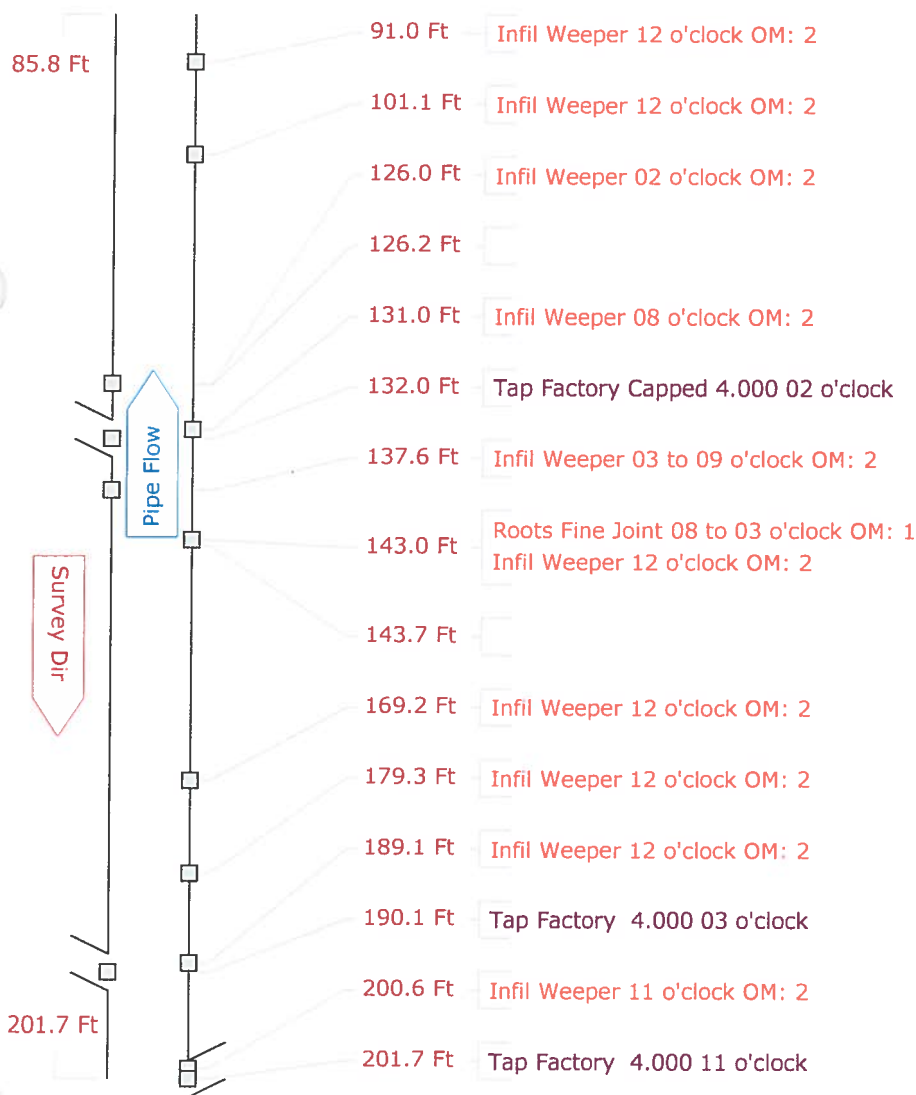
Pipe Graphic Report of PSR CO69136 (1-3-10) X for COLONY COVE INITIAL CCTV SANITAR

Setup	54	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage			Survey Customer	COLONY COVE					
P/O #			Date	2012/04/26	Time	8:16	Street	EMDEN WAY	
City	ELLENTON		Further location details		CO69136.1 200 EMDEN WAY				
Start	9042 (1-3-9)		Rim to invert	4.60	Grade to invert		Rim to grade		Ft
Finish	CO69136 (1-3-10)		Rim to invert		Grade to invert		Rim to grade		Ft
Use	Sanitary		Direction	Upstream	Flow control		Media No		CO69136.1
Shape	Circular		Height	6	Width	ins	Preclean	J	Year Cleaned 2012/04/26
Material	Vitrified Clay Pipe		Joint length		Ft	Total length	256.6	Ft	Length Surveyed 256.60
Lining			Year laid		Year rehabilitated		Weather		Dry
Purpose					Cat				
Additional info	SOUTHWEST					Structural		O&M	Constructional
Location	Yard					Miscellaneous		Hydraulic	
Project						Work Order			
Northing	1163130.922		Easting	496427.925		Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy			



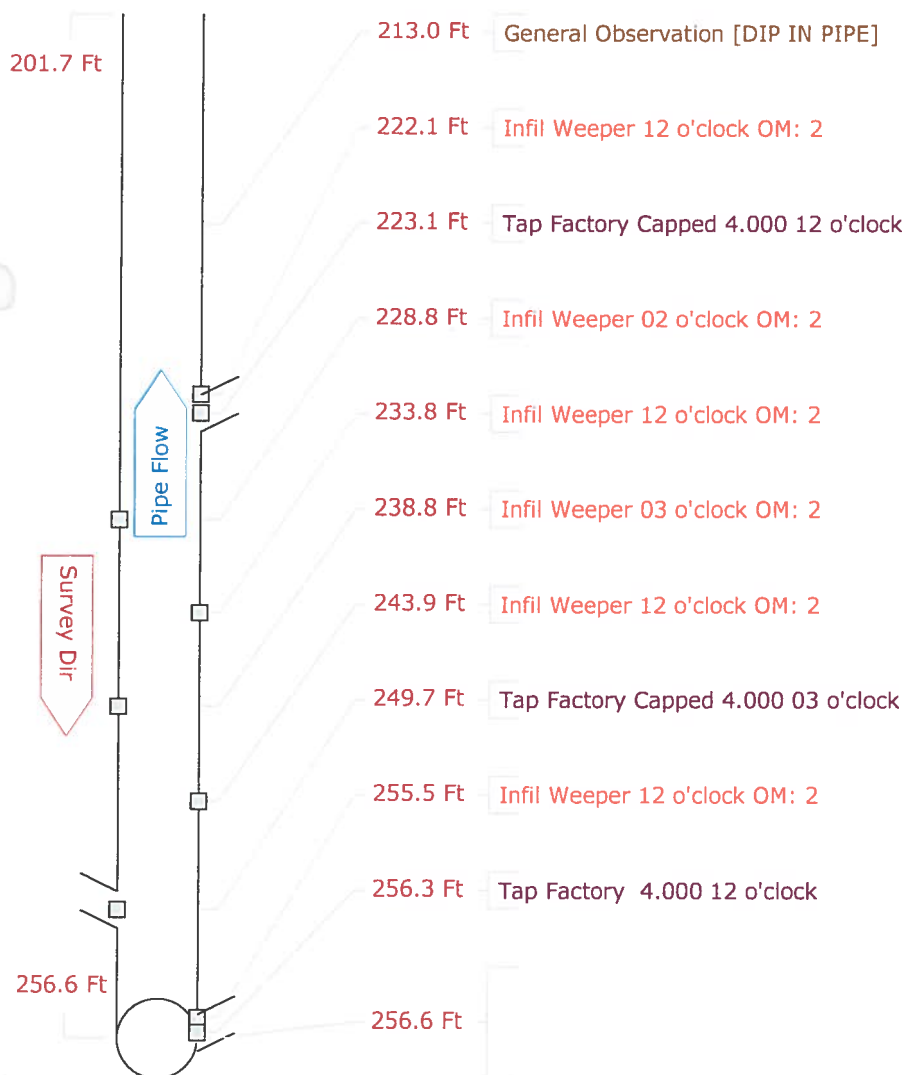
Pipe Graphic Report of PSR CO69136 (1-3-10) X for COLONY COVE INITIAL CCTV SANITAR

Setup 54	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/26	Time 8:16	Street EMDEN WAY
City ELLENTON	Further location details CO69136.1 200 EMDEN WAY		
Start 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade Ft
Finish CO69136 (1-3-10)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO69136.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft Total length 256.6	Ft Length Surveyed 256.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTHWEST		<div>Structural</div> <div>O&M</div> <div>Constructional</div>	
Location Yard		<div>Miscellaneous</div> <div>Hydraulic</div>	
Project		Work Order	
Northing 1163130.922	Easting 496427.925	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



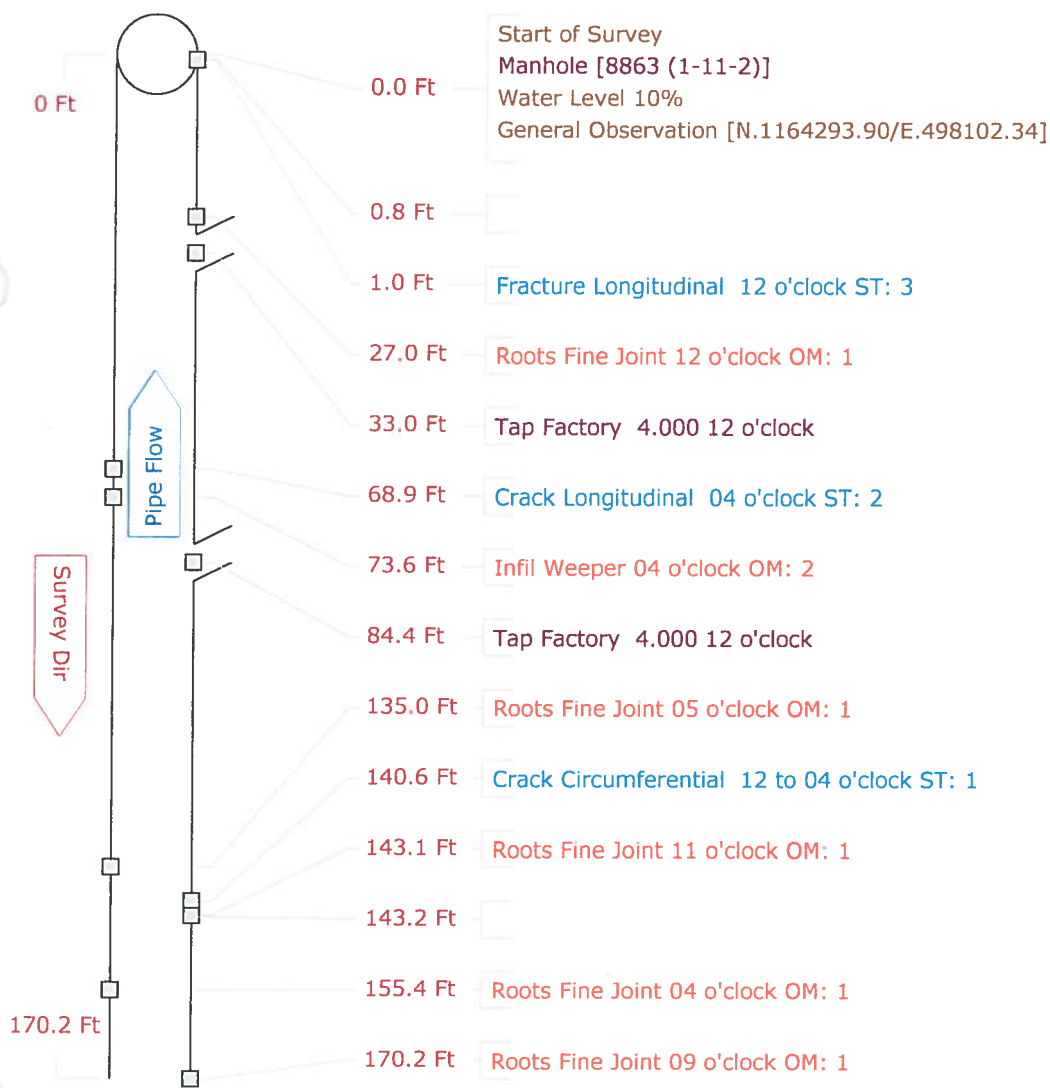
Pipe Graphic Report of PSR CO69136 (1-3-10) X for COLONY COVE INITIAL CCTV SANITAR

Setup	54	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/26	Time	8:16	Street	EMDEN WAY
City	ELLENTON	Further location details	CO69136.1 200 EMDEN WAY				
Start	9042 (1-3-9)	Rim to invert	4.60	Grade to invert		Rim to grade	Ft
Finish	CO69136 (1-3-10)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO69136.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/26
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	256.6	Ft	Length Surveyed 256.60
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHWEST					Structural	O&M
Location	Yard					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163130.922	Easting	496427.925	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



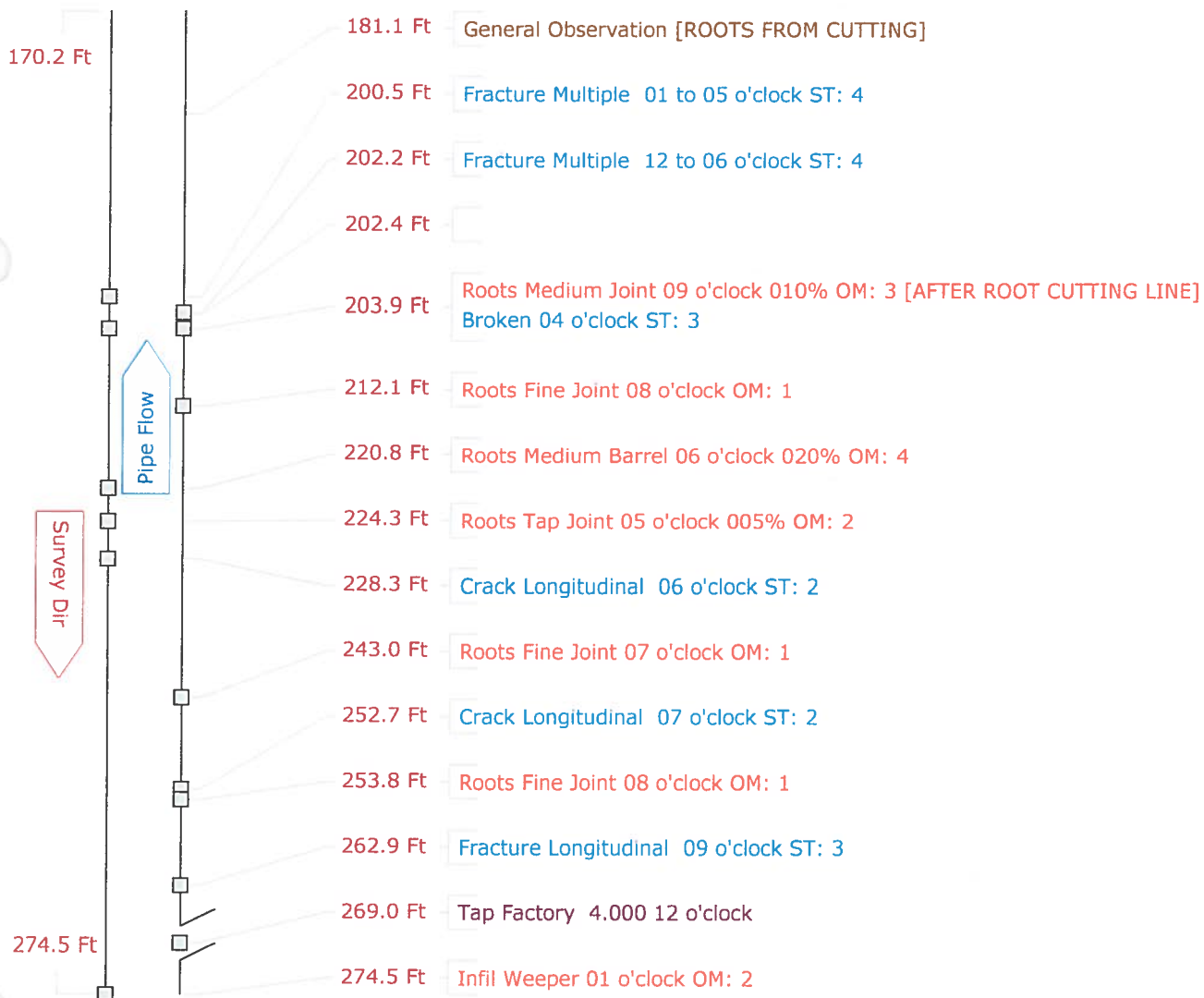
Pipe Graphic Report of PSR CO96071 Y for COLONY COVE INITIAL CCTV SANITAR

Setup	56	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer			COLONY COVE			
P/O #	Date		2012/04/26	Time	10:51	Street	ALKMAAR ST
City	ELLENTON		Further location details CO96071.1 303 ALKMAAR ST				
Start	8863 (1-11-2)		Rim to invert	7.00	Grade to invert	Rim to grade	Ft
Finish	CO96071 (1-11-2-1)		Rim to invert		Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No	CO96071.1
Shape	Circular		Height	6	Width	ins	Preclean J
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	297.1	Ft
Lining			Year laid		Year rehabilitated		Weather Dry
Purpose			Cat				
Additional info	NORTH				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project					Work Order		
Northing	1164561.402		Easting	497795.990		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



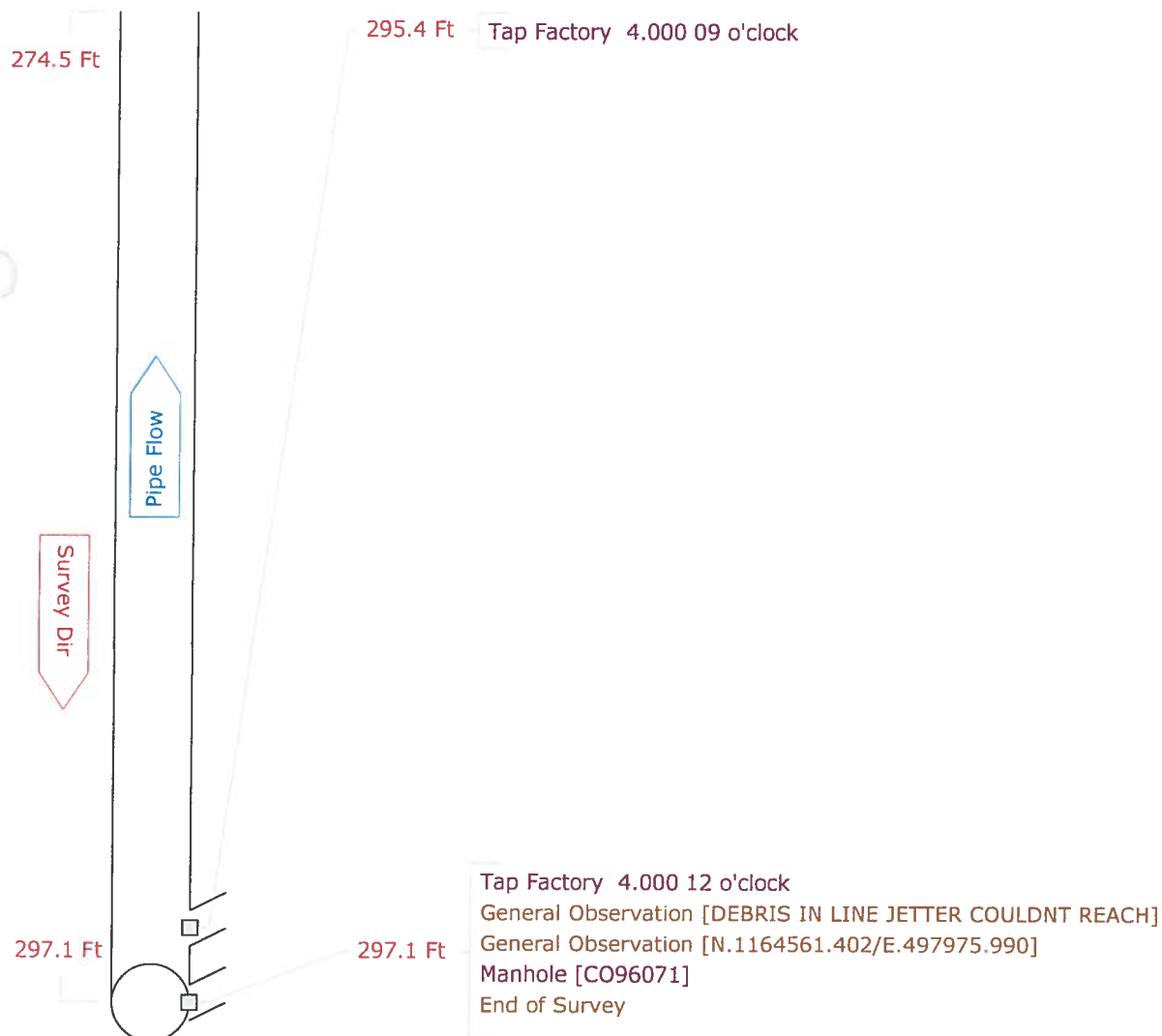
Pipe Graphic Report of PSR CO96071 Y for COLONY COVE INITIAL CCTV SANITAR

Setup 56	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/26	Time 10:51	Street ALKMAAR ST
City ELLENTON	Further location details CO96071.1 303 ALKMAAR ST		
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade Ft
Finish CO96071 (1-11-2-1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96071.1
Shape Circular	Height 6 Width	ins Preclean J	Year Cleaned 2012/04/26
Material Vitrified Clay Pipe	Joint length Ft	Total length 297.1 Ft	Length Surveyed 297.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1164561.402	Easting 497795.990	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	

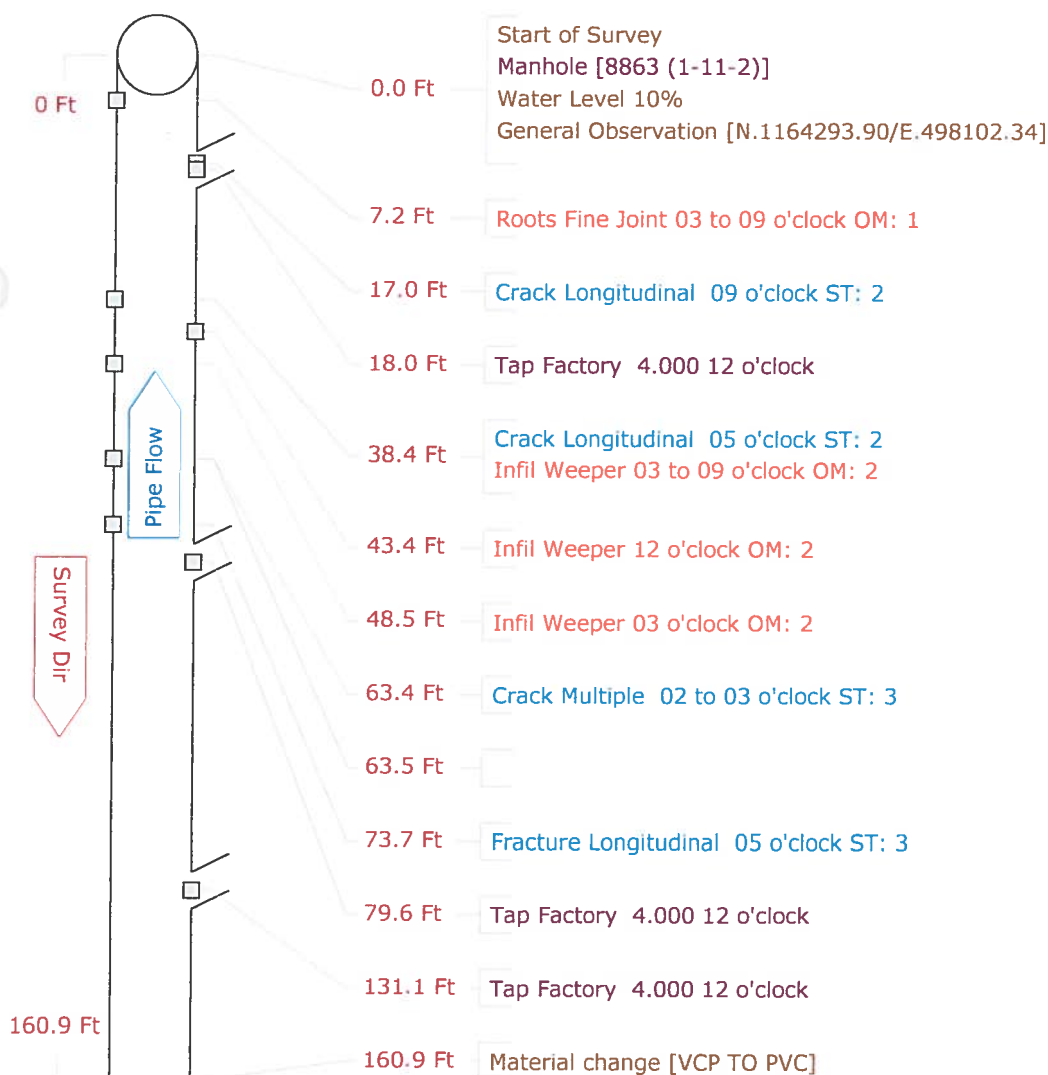


Pipe Graphic Report of PSR CO96071 Y **for** COLONY COVE INITIAL CCTV SANITARY

Setup	56	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer			COLONY COVE			
P/O #		Date	2012/04/26	Time	10:51	Street	ALKMAAR ST
City	ELLENTON		Further location details CO96071.1 303 ALKMAAR ST				
Start	8863 (1-11-2)		Rim to invert	7.00	Grade to invert	Rim to grade	Ft
Finish	CO96071 (1-11-2-1)		Rim to invert		Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No	CO96071.1
Shape	Circular		Height	6	Width	ins Preclean J	Year Cleaned 2012/04/26
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	297.1	Ft Length Surveyed 297.10
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	NORTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1164561.402		Easting	497795.990		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy	

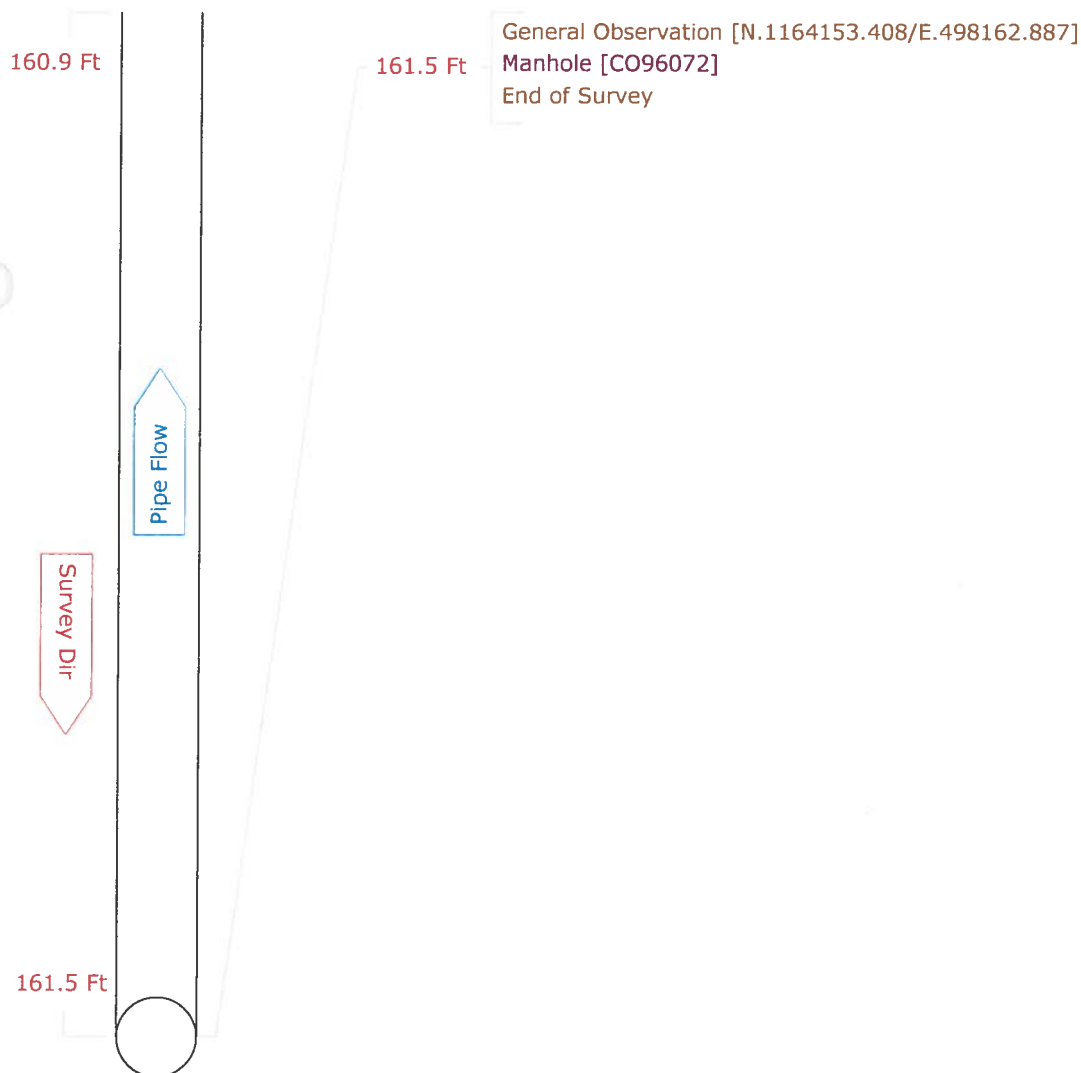


Setup	57	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/27	Time	9:02	Street	ALKMAAR ST.
City	ELLENTON	Further location details	CO96072.1	319	ALKMAAR ST.		
Start	8863 (1-11-2)	Rim to invert	7.00	Grade to invert		Rim to grade	Ft
Finish	CO96072 (1-11-2-2)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96072.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	161.5	Ft	Length Surveyed
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1164153.408	Easting	498162.887	Elevation			
Coordinate System	US STATE PLANE 1983 (NAD 1983)			GPS Accuracy			



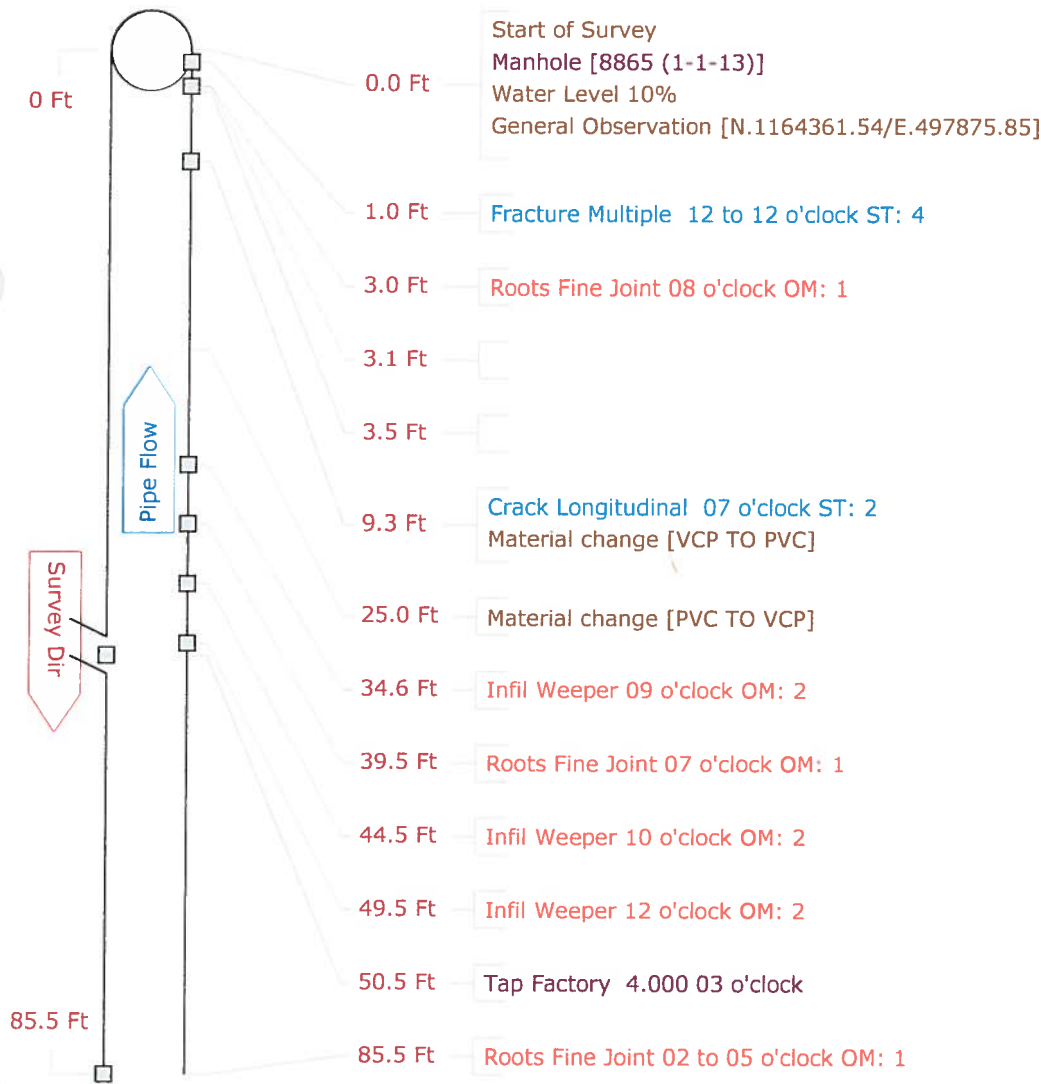
Pipe Graphic Report of PSR CO96072 X for COLONY COVE INITIAL CCTV SANITAR

Setup 57	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/27	Time 9:02	Street ALKMAAR ST.
City ELLENTON	Further location details CO96072.1 319 ALKMAAR ST.		
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade Ft
Finish CO96072 (1-11-2-2)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96072.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/04/27
Material Vitrified Clay Pipe	Joint length Ft	Total length 161.5 Ft	Length Surveyed 161.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH	<div> Structural O&M Constructional </div>		
Location Easement/Right of Way	<div> Miscellaneous Hydraulic </div>		
Project	Work Order		
Northing 1164153.408	Easting 498162.887	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



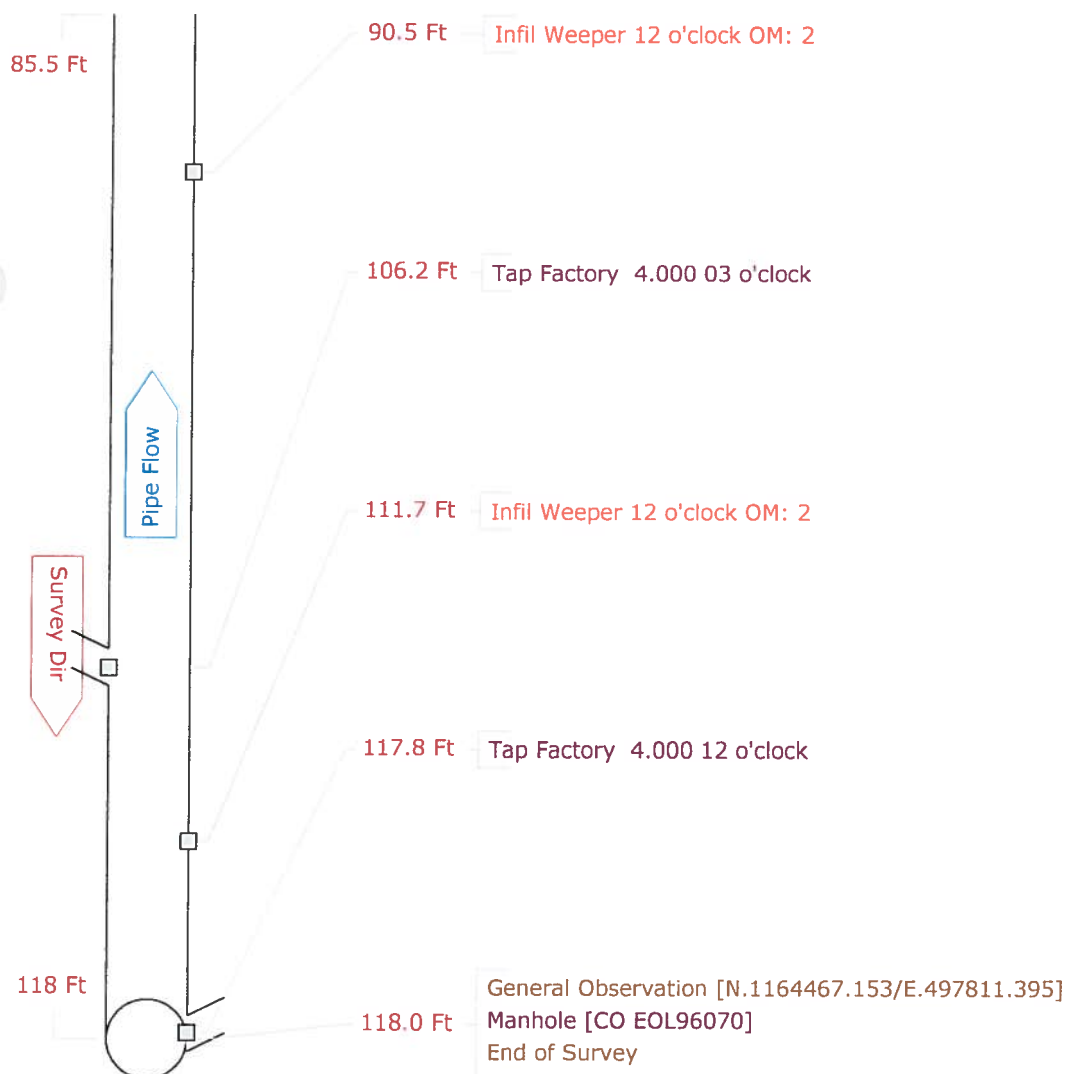
Pipe Graphic Report of PSR CO EOL96070 X for COLONY COVE INITIAL CCTV SANITAR

Setup	58	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE			
Drainage	Survey Customer			COLONY COVE							
P/O #	Date		2012/04/27	Time	10:04	Street	ALKMAAR ST.				
City	ELLENTON		Further location details		COEOL96070.1 300 ALKMAAR ST.						
Start	8865 (1-1-13)			Rim to invert	5.10	Grade to invert	Rim to grade		Ft		
Finish	CO EOL96070 (1-1-14)			Rim to invert		Grade to invert	Rim to grade		Ft		
Use	Sanitary			Direction	Upstream	Flow control	Media No		CO96070.1		
Shape	Circular			Height	6	Width	ins	Preclean	J	Year Cleaned	2012/04/27
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	118.0	Ft	Length Surveyed	118.00	
Lining				Year laid		Year rehabilitated		Weather	Dry		
Purpose				Cat							
Additional info	NORTH					<div>Structural</div> <div>O&M</div> <div>Constructional</div>					
Location	Easement/Right of Way					<div>Miscellaneous</div> <div>Hydraulic</div>					
Project	Work Order										
Northing	1164467.153			Easting	497811.395		Elevation				
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy					



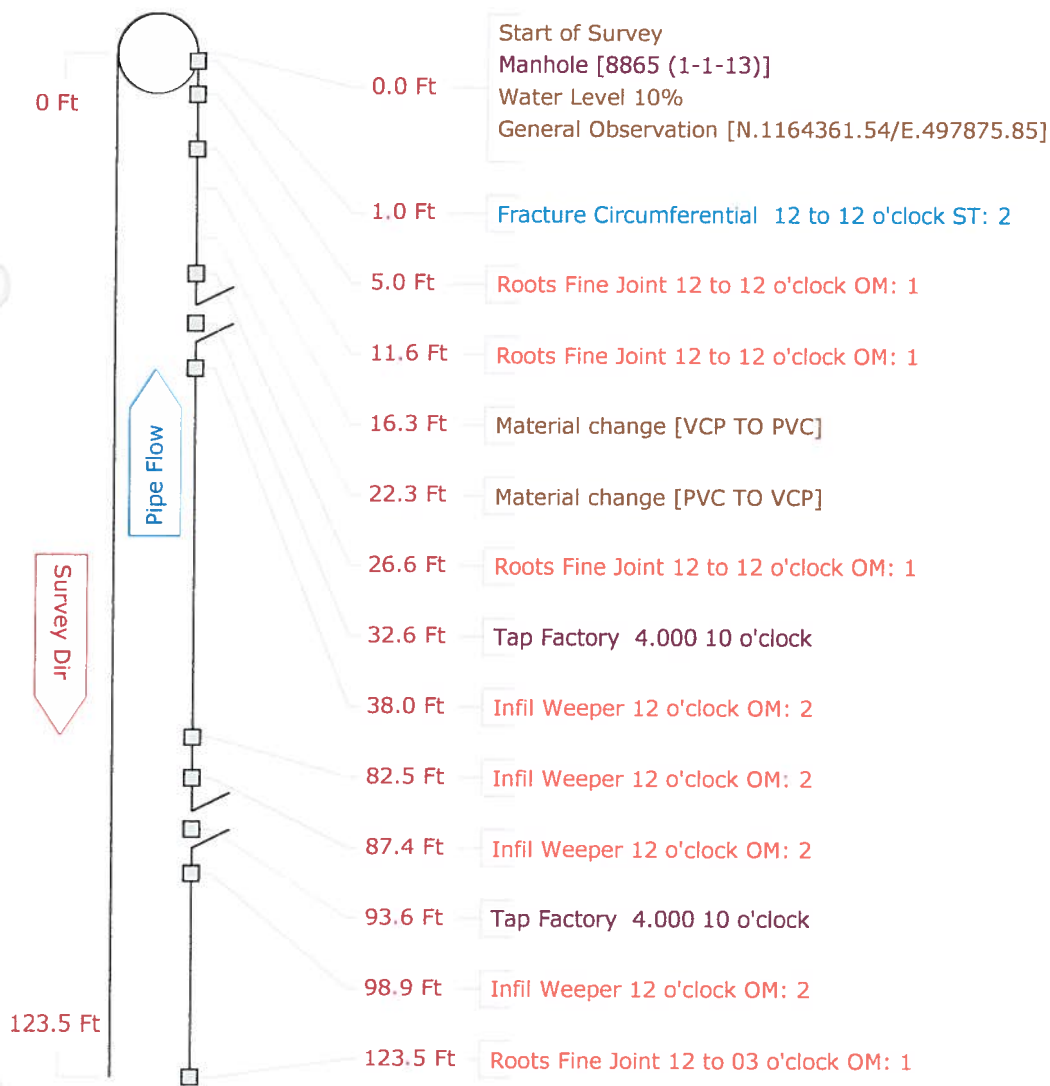
Pipe Graphic Report of PSR CO EOL96070 X for COLONY COVE INITIAL CCTV SANITAR

Setup	58	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/27	Time	10:04	Street	ALKMAAR ST.
City	ELLENTON	Further location details	COEOL96070.1 300 ALKMAAR ST.				
Start	8865 (1-1-13)	Rim to invert	5.10	Grade to invert		Rim to grade	Ft
Finish	CO EOL96070 (1-1-14)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96070.1
Shape	Circular	Height	6	Width	ins Preclean J	Year Cleaned	2012/04/27
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	118.0	Ft	Length Surveyed 118.00
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Constructional
Project						Work Order	
Northing	1164467.153	Easting	497811.395	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



Pipe Graphic Report of PSR CO96073 Y for COLONY COVE INITIAL CCTV SANITAR

Setup	60	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/27	Time	12:10	Street	DORDRECHT ST
City	ELLENTON	Further location details	CO96073.1	220 DORDRECHT ST			
Start	8865 (1-1-13)	Rim to invert	5.10	Grade to invert		Rim to grade	Ft
Finish	CO96073	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96073.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	132.5	Ft	Length Surveyed
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	WEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1164298.274	Easting	497755.798	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			

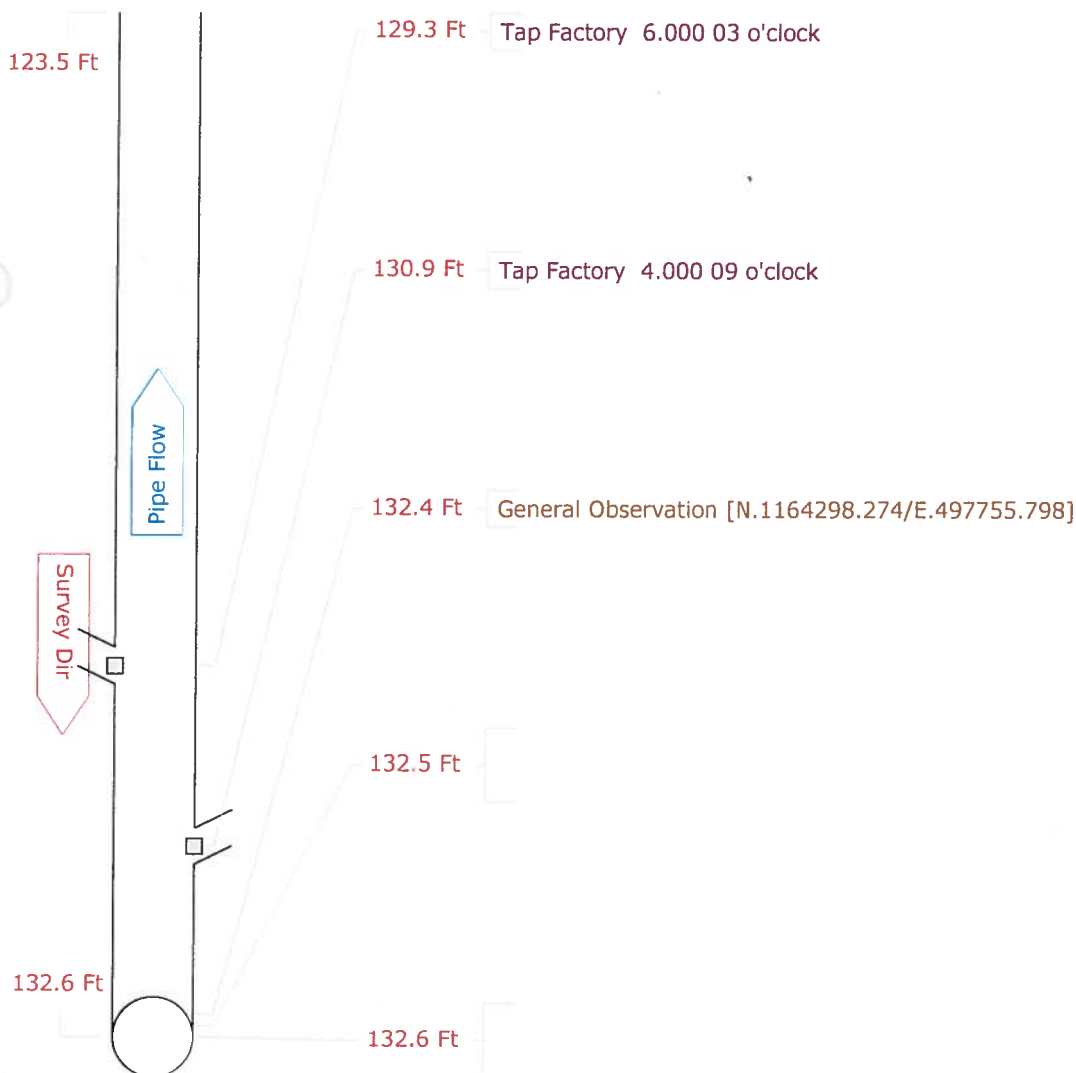


Pipe Graphic Report of PSR CO96073

Y

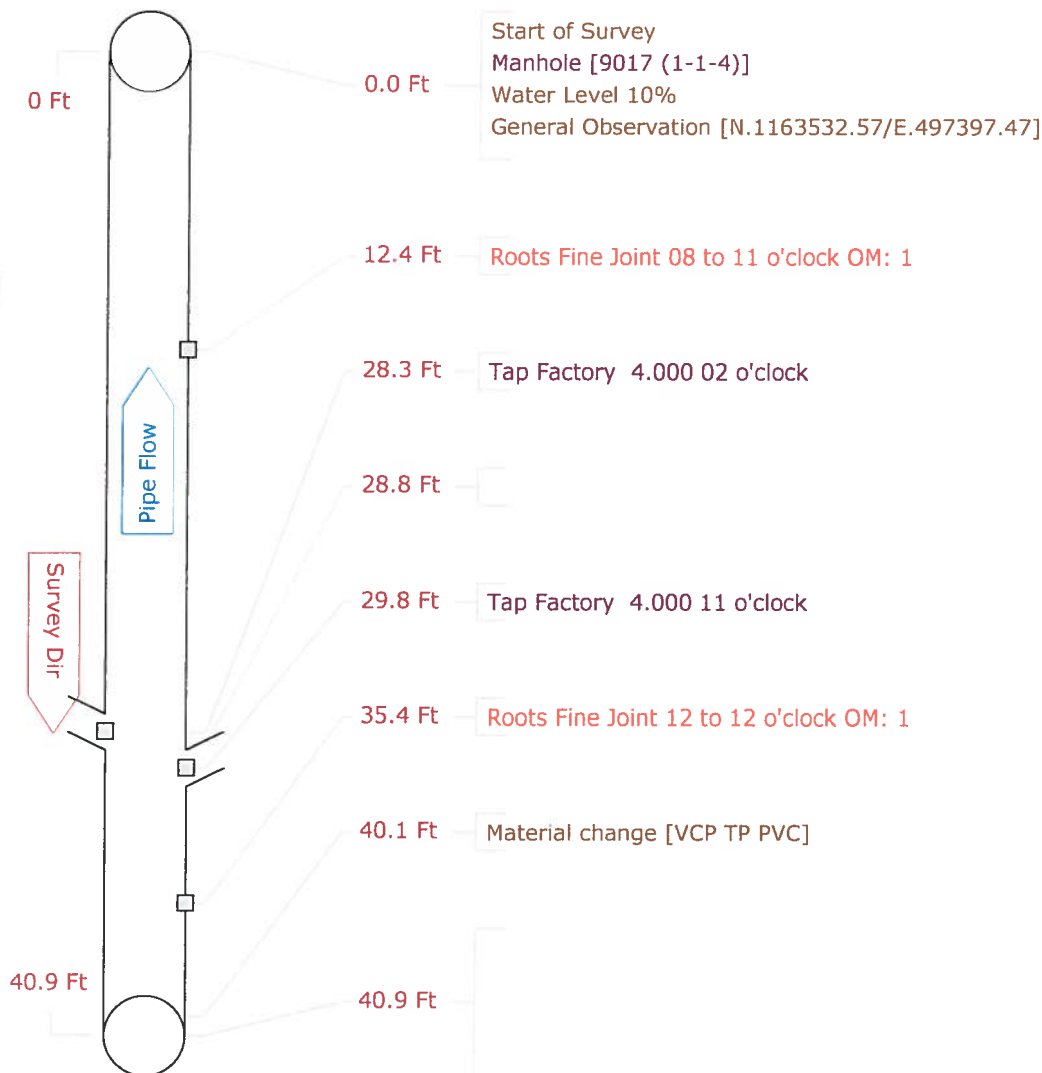
for COLONY COVE INITIAL CCTV SANITAR

Setup	60	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/27	Time	12:10	Street	DORDRECHT ST
City	ELLENTON	Further location details	CO96073.1	220 DORDRECHT ST			
Start	8865 (1-1-13)	Rim to invert	5.10	Grade to invert		Rim to grade	Ft
Finish	CO96073	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96073.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	132.5	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	WEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1164298.274	Easting	497755.798			Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy	



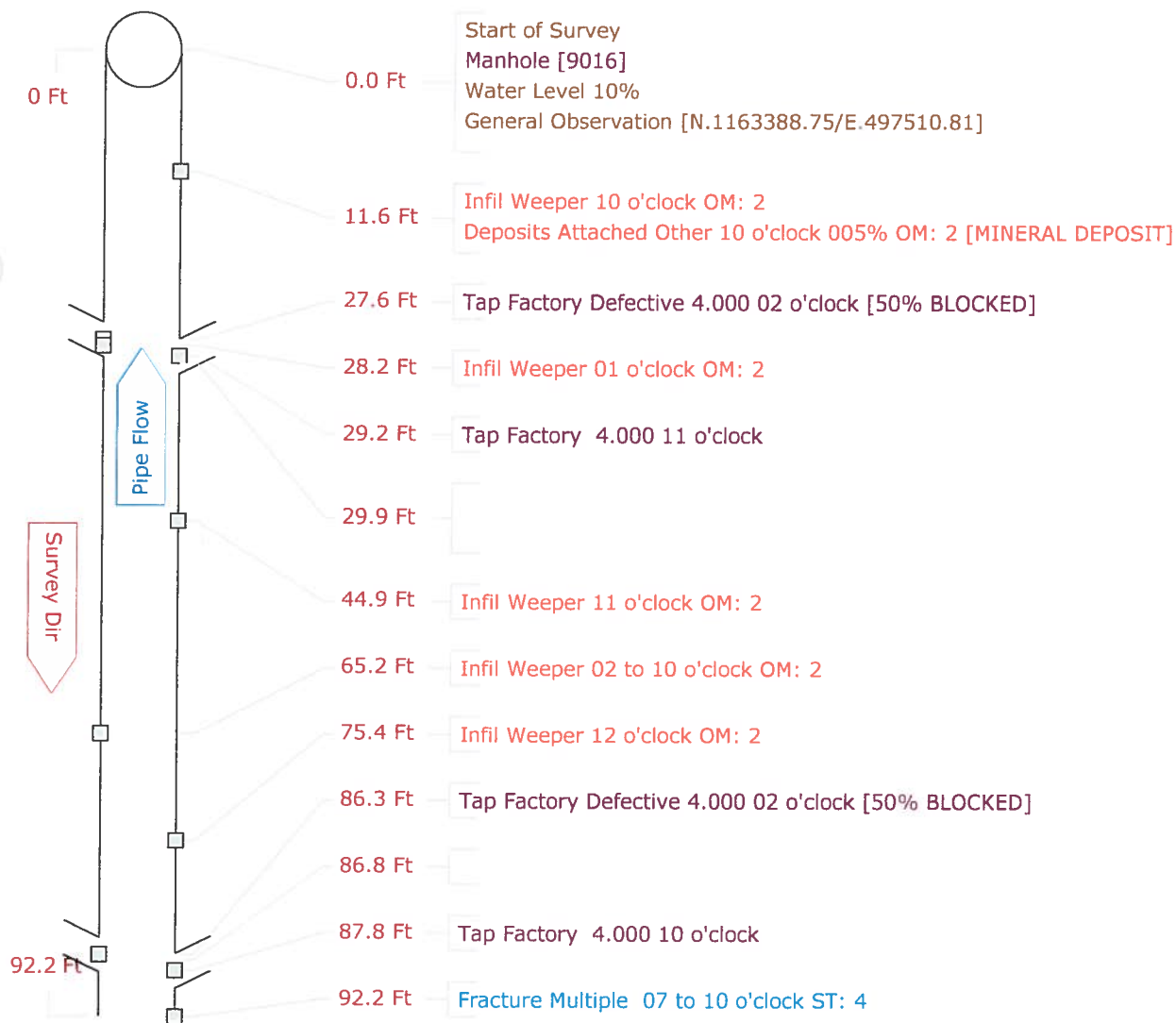
Pipe Graphic Report of PSR CO96065 X **for** COLONY COVE INITIAL CCTV SANITAR

Setup 61	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/27	Time 13:31	Street HERLEEN AVE
City ELLENTON	Further location details CO96065.1 201 N. UTRECHT ST		
Start 9017 (1-1-4)	Rim to invert 6.00	Grade to invert	Rim to grade Ft
Finish CO96065 (1-1-5)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96065.1
Shape Circular	Height 6	Width ins	Preclean J Year Cleaned 2012/04/27
Material Vitrified Clay Pipe	Joint length Ft	Total length 40.9 Ft	Length Surveyed 40.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163555.857	Easting 497426.917	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



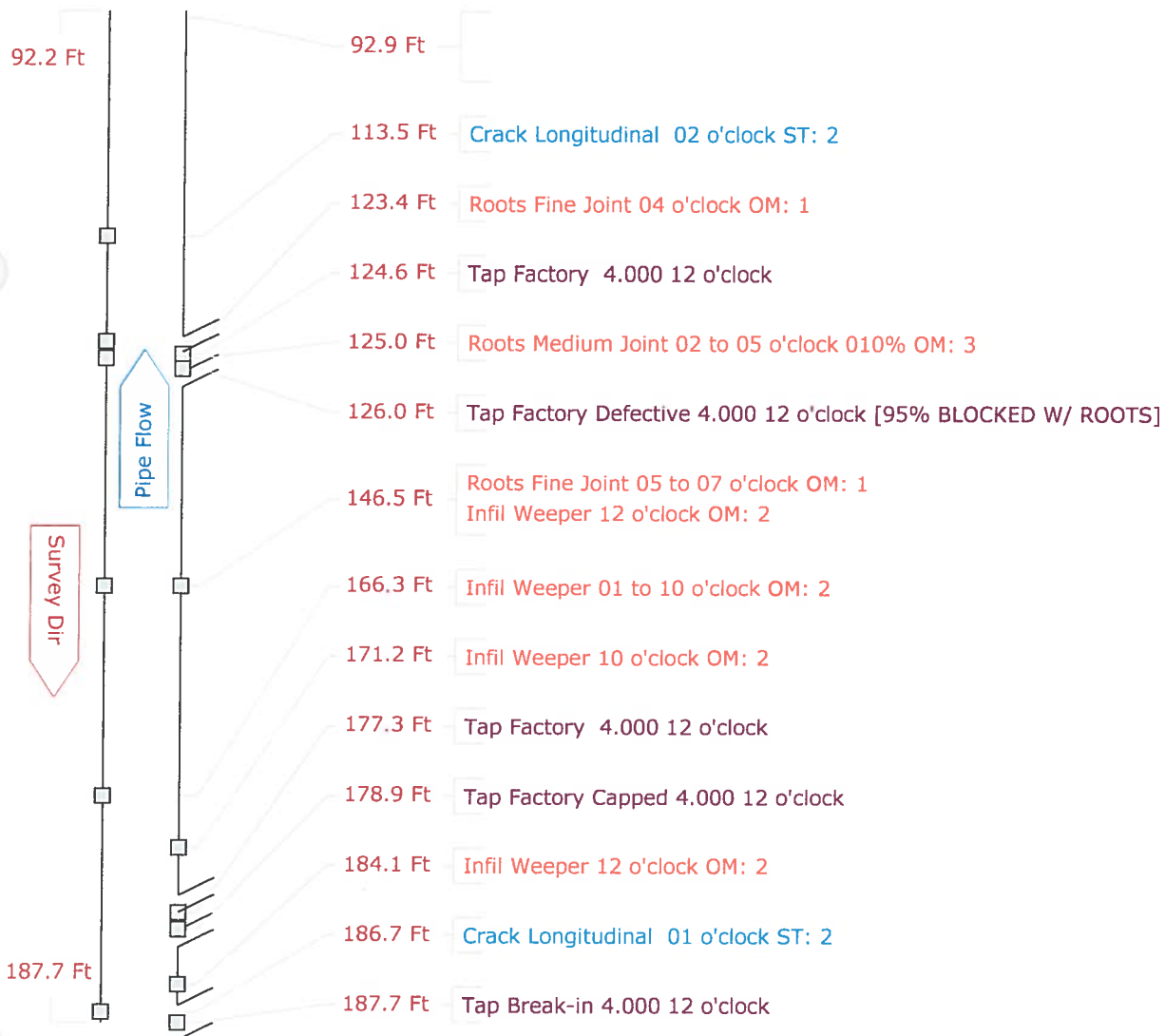
Pipe Graphic Report of PSR CO9021 X for COLONY COVE INITIAL CCTV SANITAR

Setup	62	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/27	Time	14:45	Street	HERLEEN AVE
City	ELLENTON	Further location details	CO9021.1	229	ENDHOVEN	ST	
Start	9016 (1-1-2)	Rim to invert	6.90	Grade to invert		Rim to grade	Ft
Finish	CO9021	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO9021.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/27
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	238.3	Ft	Length Surveyed 238.30
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
						Work Order	
Northing	1163523.636	Easting	497714.880	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



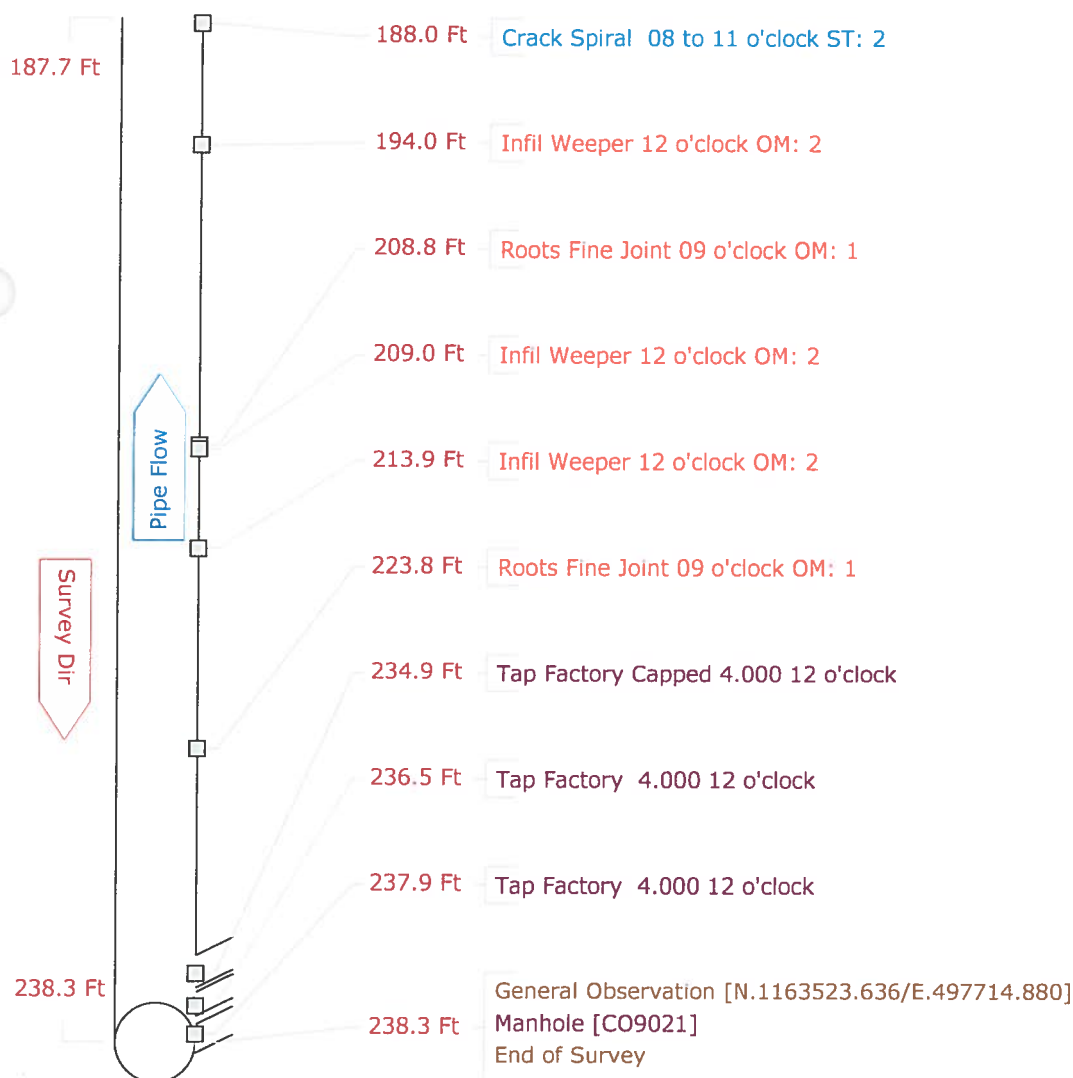
Pipe Graphic Report of PSR CO9021 X for COLONY COVE INITIAL CCTV SANITARY

Setup	62	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE			
Drainage	Survey Customer			COLONY COVE							
P/O #	Date			2012/04/27	Time	14:45	Street	HERLEEN AVE			
City	ELLENTON			Further location details CO9021.1 229 ENDHOVEN ST							
Start	9016 (1-1-2)			Rim to invert	6.90	Grade to invert	Rim to grade		Ft		
Finish	CO9021			Rim to invert		Grade to invert	Rim to grade		Ft		
Use	Sanitary			Direction	Upstream	Flow control	Media No		CO9021.1		
Shape	Circular			Height	6	Width	ins	Preclean	J	Year Cleaned	2012/04/27
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	238.3	Ft	Length Surveyed	238.30	
Lining				Year laid		Year rehabilitated		Weather	Dry		
Purpose						Cat					
Additional info	NORTHEAST						Structural	O&M	Constructional		
Location	Easement/Right of Way						Miscellaneous	Hydraulic			
Project							Work Order				
Northing	1163523.636			Easting	497714.880		Elevation				
Coordinate System	US STATE PLANE1983 (NAD 1983)						GPS Accuracy				



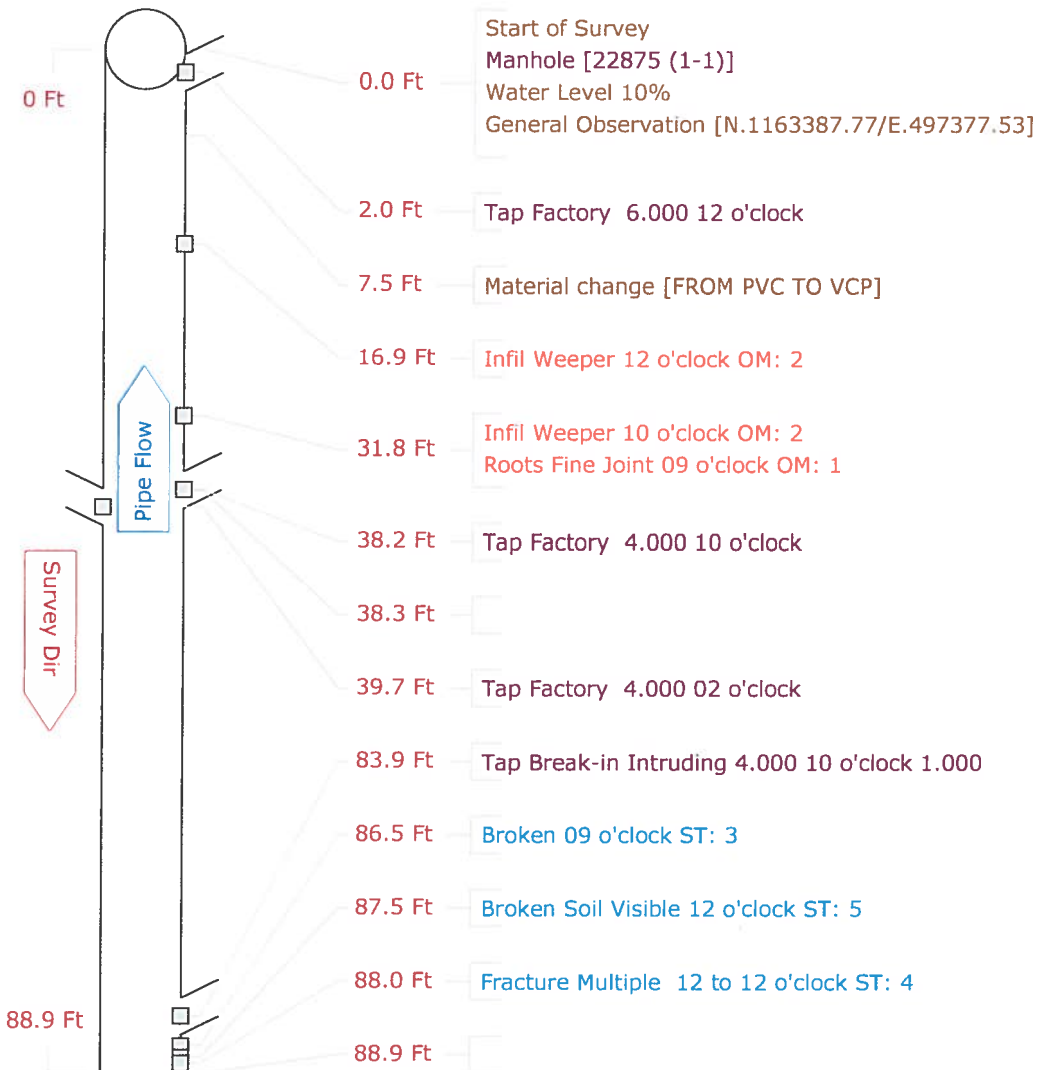
Pipe Graphic Report of PSR CO9021 X for COLONY COVE INITIAL CCTV SANITARY

Setup	62	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/27	Time	14:45	Street	HERLEEN AVE
City	ELLENTON	Further location details		CO9021.1	229	ENDHOVEN ST	
Start	9016 (1-1-2)	Rim to invert	6.90	Grade to invert		Rim to grade	Ft
Finish	CO9021	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO9021.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/27
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	238.3	Ft	Length Surveyed 238.30
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163523.636	Easting	497714.880	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



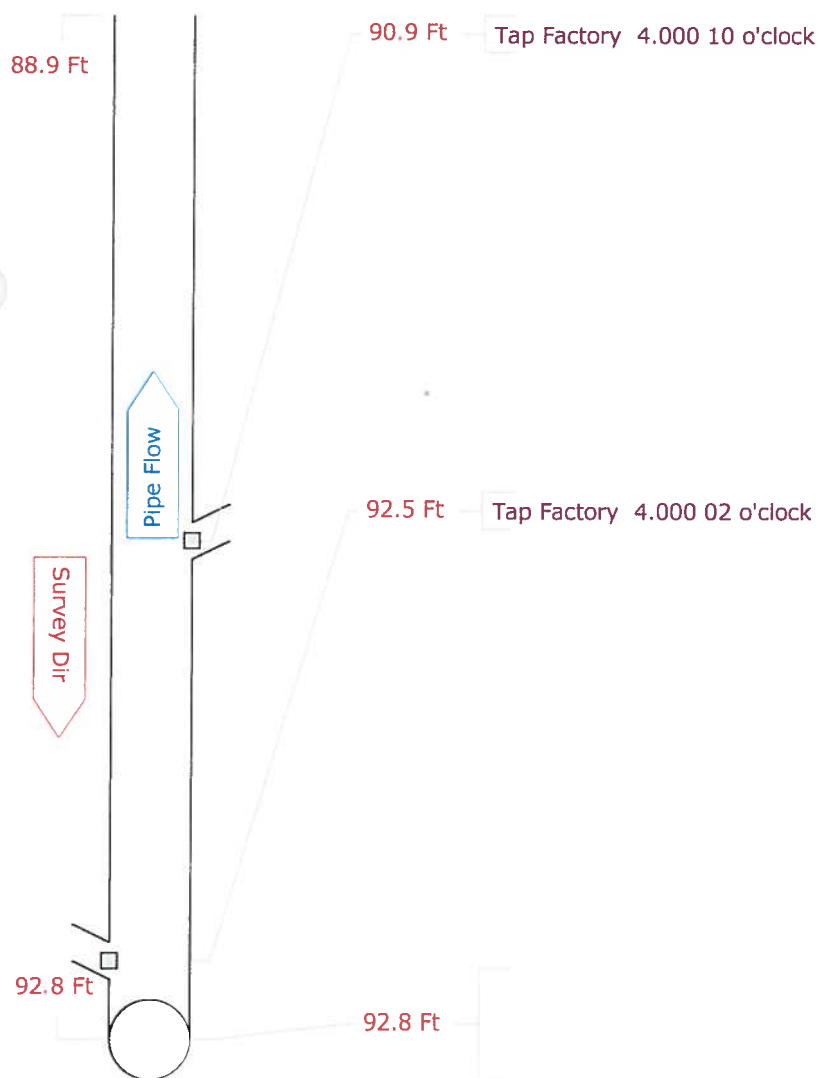
Pipe Graphic Report of PSR CO96079 Y for COLONY COVE INITIAL CCTV SANITAR

Setup	63	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/30	Time	9:26	Street	AMELO AVE
City	ELLENTON	Further location details	CO96079.1 211 AMELO AVE.				
Start	22875 (1-1)	Rim to invert	7.30	Grade to invert		Rim to grade	Ft
Finish	CO96079	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO96079.1
Shape	Circular	Height	6	Width	ins	Preclean	J
						Year Cleaned	2012/04/30
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	92.8	Ft	Length Surveyed 92.80
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTHWEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
						Work Order	
Northing	1163470.215	Easting	497318.600		Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)				GPS Accuracy		



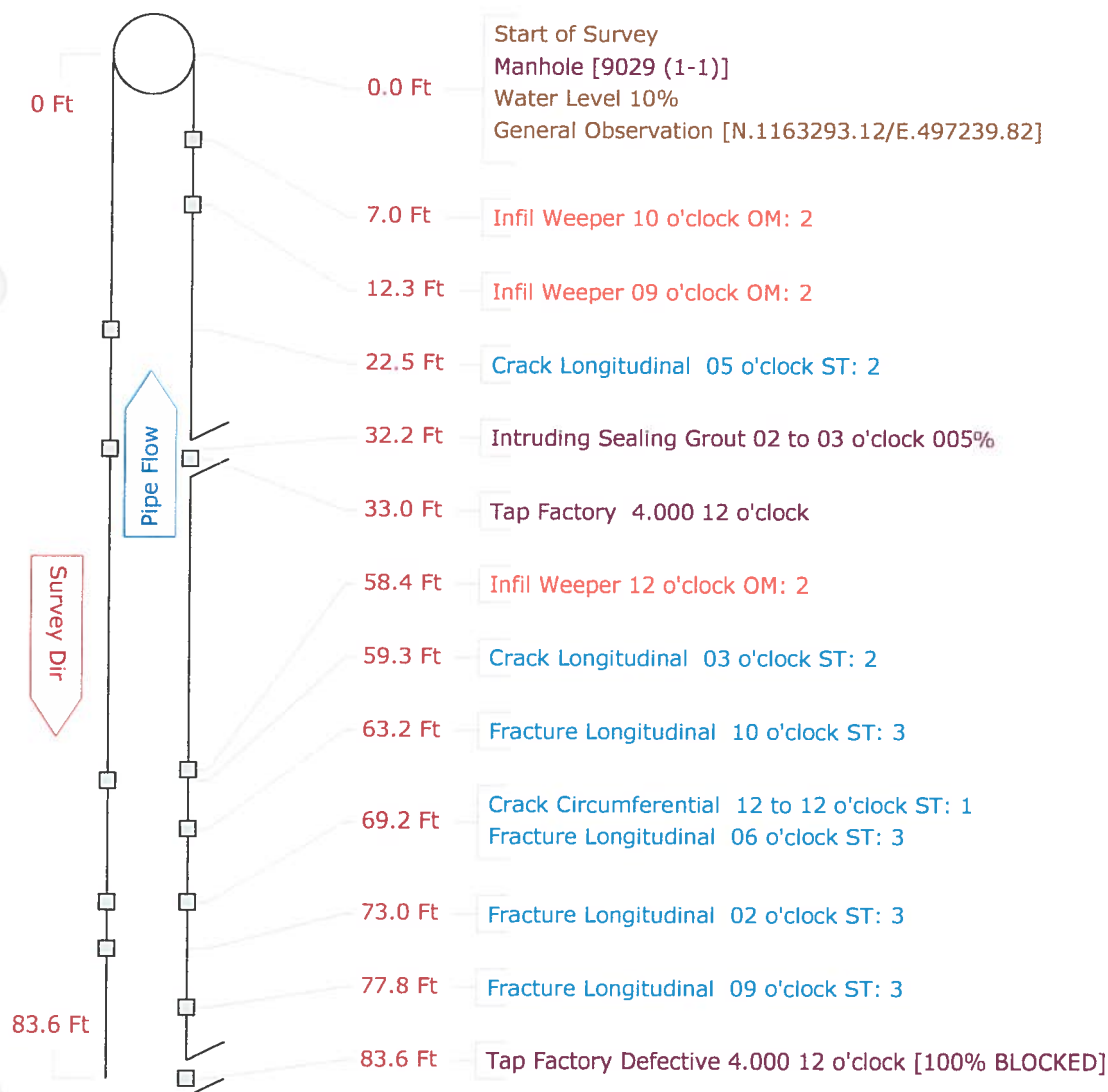
Pipe Graphic Report of PSR CO96079 Y for COLONY COVE INITIAL CCTV SANITARY

Setup 63	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/30	Time 9:26	Street AMELO AVE
City ELLENTON	Further location details CO96079.1 211 AMELO AVE.		
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Finish CO96079	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96079.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/04/30
Material Vitrified Clay Pipe	Joint length Ft	Total length 92.8 Ft	Length Surveyed 92.80
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST	Structural O&M Constructional		
Location Easement/Right of Way	Miscellaneous Hydraulic		
Project	Work Order		
Northing 1163470.215	Easting 497318.600	Elevation	
Coordinate System US STATE PLANE 1983 (NAD 1983)	GPS Accuracy		



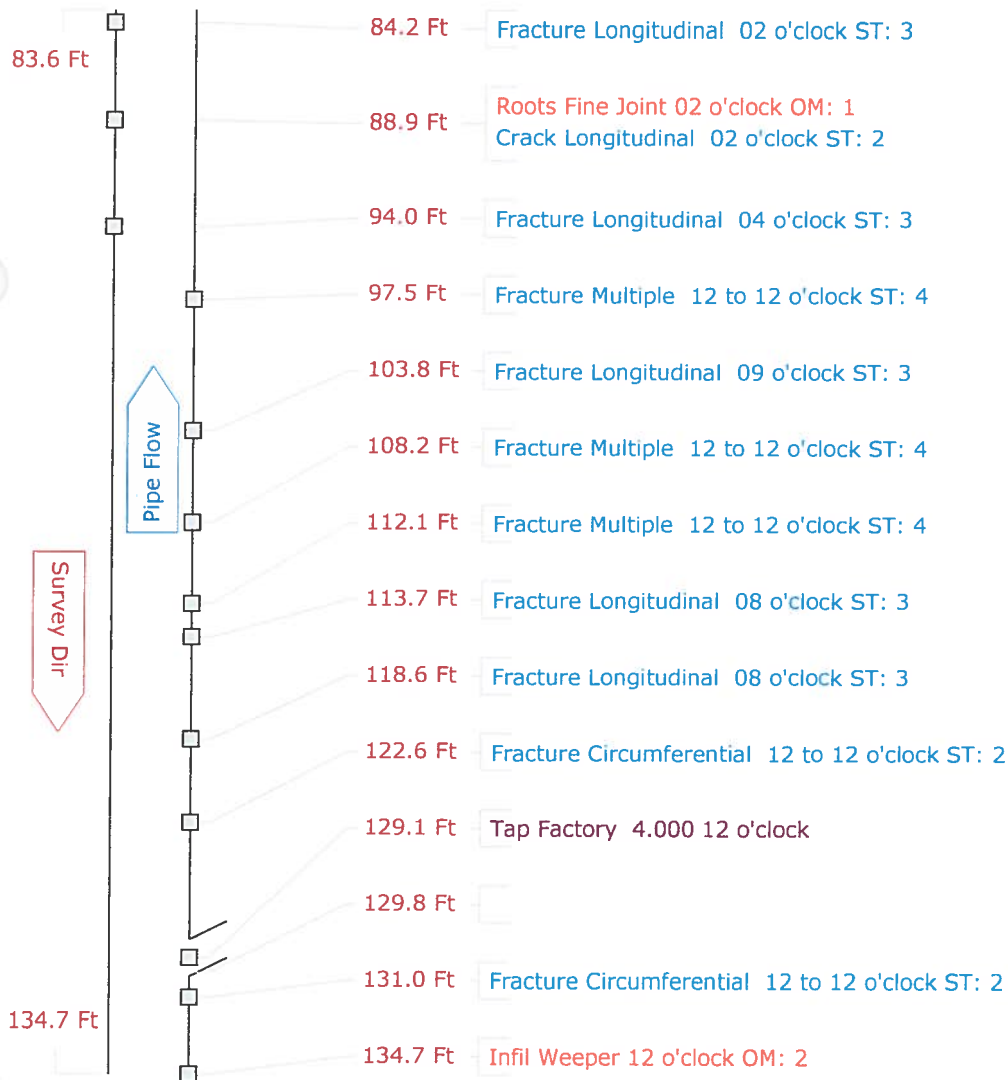
Pipe Graphic Report of PSR CO96081 X for COLONY COVE INITIAL CCTV SANITAR

Setup 64	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/30	Time 10:15	Street AMELO AVE
City ELLENTON	Further location details CO96081.1 210 AMELO AVE		
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Finish CO96081	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96081.1
Shape Circular	Height 6 Width ins	Preclean J	Year Cleaned 2012/04/30
Material Vitrified Clay Pipe	Joint length Ft	Total length 139.7 Ft	Length Surveyed 139.70
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work Order	
Northing 1163420.541	Easting 497168.813	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy	



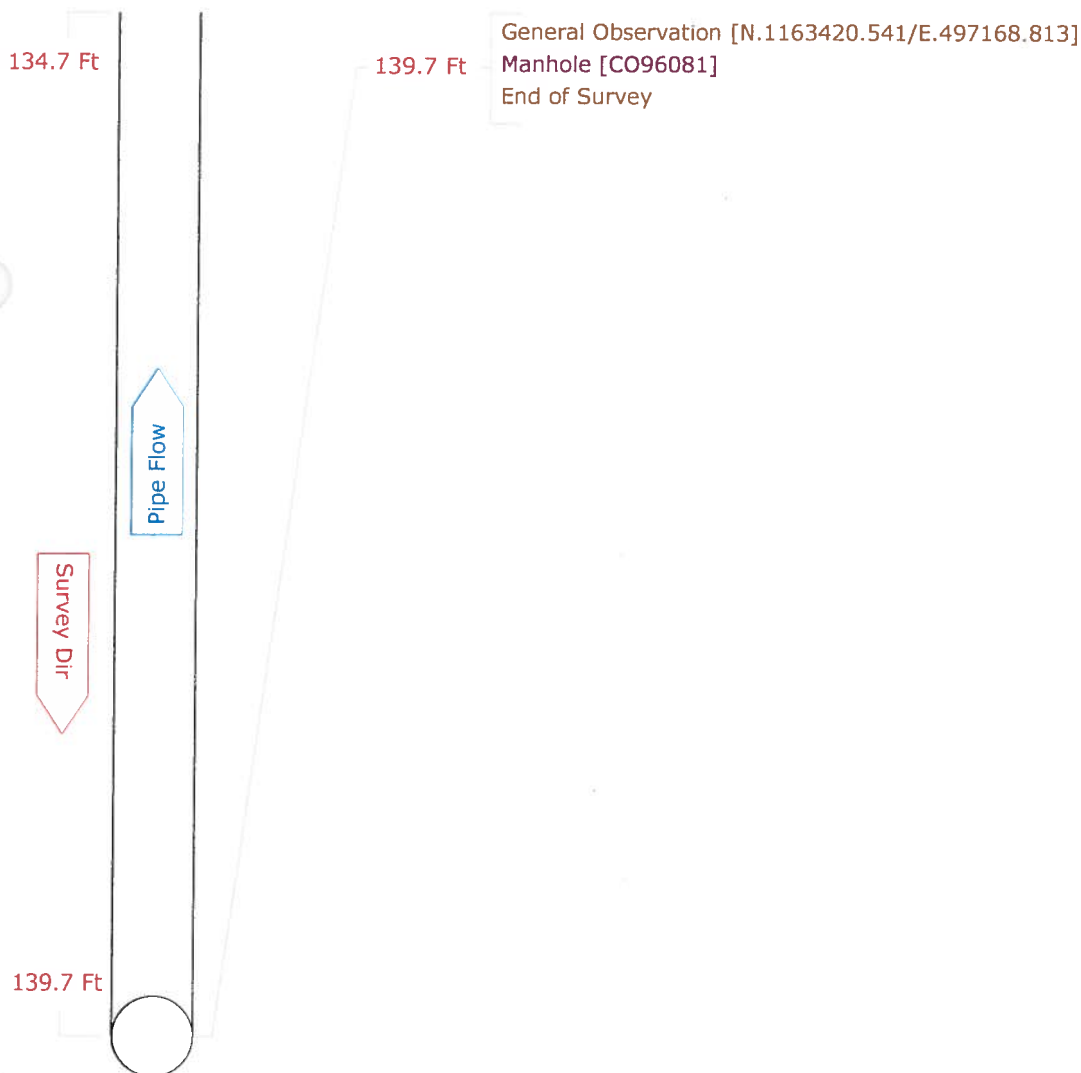
Pipe Graphic Report of PSR CO96081 X for COLONY COVE INITIAL CCTV SANITAR

Setup	64	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE	
Drainage				Survey Customer	COLONY COVE				
P/O #				Date	2012/04/30	Time	10:15	Street	AMELO AVE
City	ELLENTON			Further location details	CO96081.1 210 AMELO AVE				
Start	9029 (1-1)			Rim to invert	5.10	Grade to invert	Rim to grade		Ft
Finish	CO96081			Rim to invert		Grade to invert	Rim to grade		Ft
Use	Sanitary			Direction	Upstream	Flow control	Media No		CO96081.1
Shape	Circular			Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/30
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	139.7	Ft	Length Surveyed 139.70
Lining				Year laid		Year rehabilitated	Weather		Dry
Purpose						Cat			
Additional info	NORTHWEST						Structural	O&M	Constructional
Location	Easement/Right of Way						Miscellaneous	Hydraulic	
Project							Work Order		
Northing	1163420.541			Easting	497168.813		Elevation		
Coordinate System	US STATE PLANE1983 (NAD 1983)						GPS Accuracy		



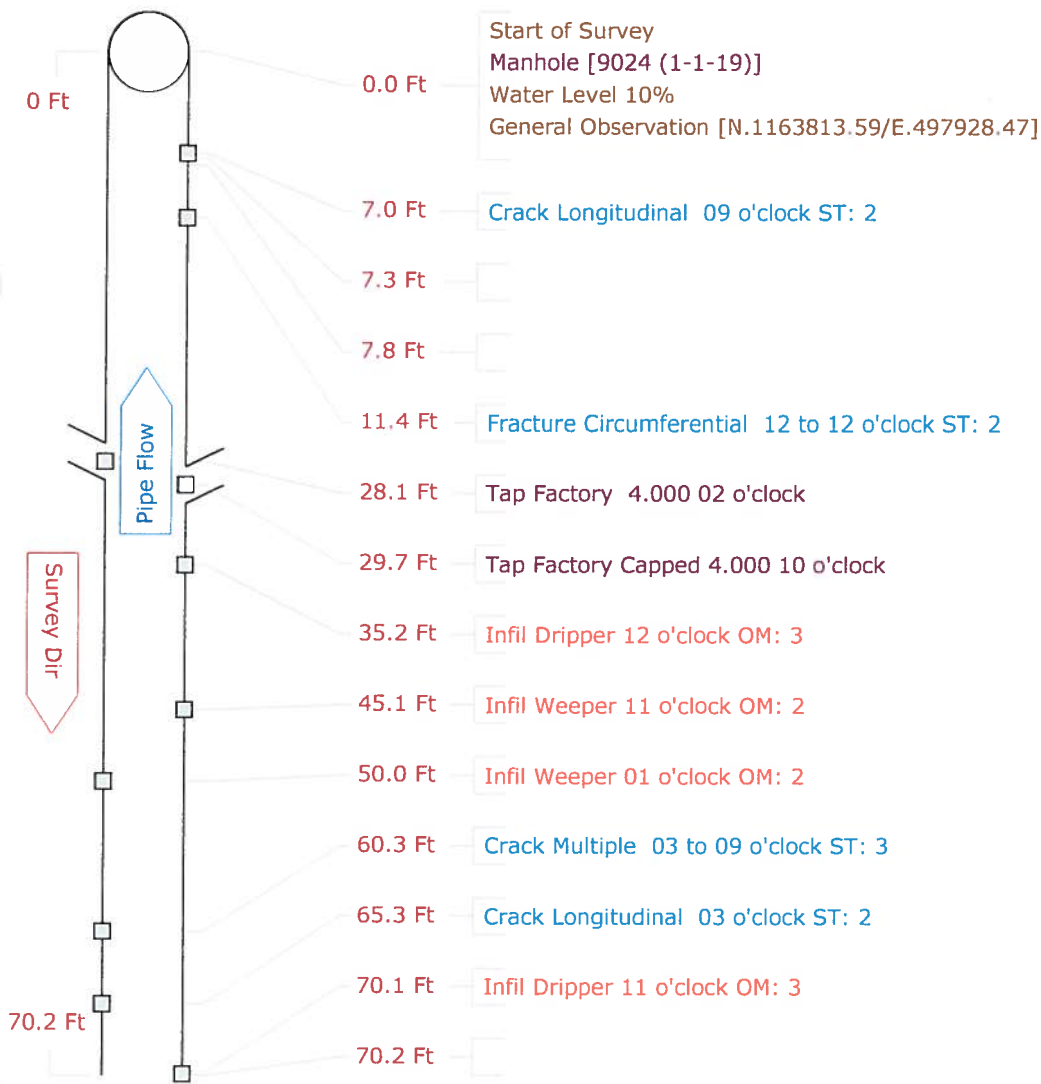
Pipe Graphic Report of PSR CO96081 X for COLONY COVE INITIAL CCTV SANITAR

Setup 64	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/04/30	Time 10:15	Street AMELO AVE
City ELLENTON	Further location details CO96081.1 210 AMELO AVE		
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Finish CO96081	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96081.1
Shape Circular	Height 6	Width ins	Preclean J Year Cleaned 2012/04/30
Material Vitrified Clay Pipe	Joint length Ft	Total length 139.7 Ft	Length Surveyed 139.70
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTHWEST	<div> Structural O&M Constructional </div>		
Location Easement/Right of Way	<div> Miscellaneous Hydraulic </div>		
Project	Work Order		
Northing 1163420.541	Easting 497168.813	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		



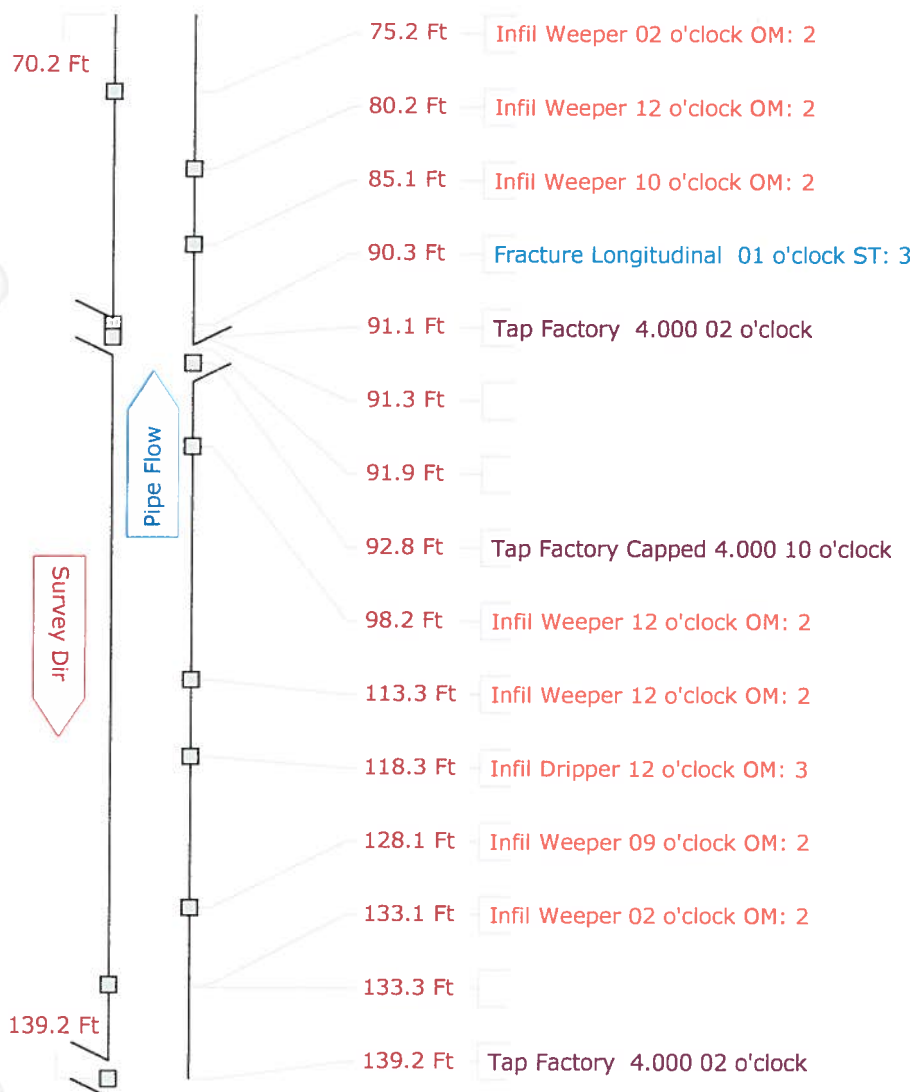
Pipe Graphic Report of PSR CO EOL 9015 X for COLONY COVE INITIAL CCTV SANITAR

Setup 65	Surveyor TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage	Survey Customer	COLONY COVE			
P/O #	Date 2012/04/30	Time 12:22	Street	DEN HELDER AVE	
City ELLENTON	Further location details	CO9015.1 327 DEN HELDER AVE			
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade	Ft	
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Upstream	Flow control	Media No	CO9015.1	
Shape Circular	Height 6	Width ins	Preclean J	Year Cleaned 2012/04/30	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 298.4	Ft	Length Surveyed 298.40
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat				
Additional info SOUTHEAST			Structural	O&M	Constructional
Location Easement/Right of Way			Miscellaneous	Hydraulic	
Project			Work Order		
Northing 1163659.636	Easting 498174.107	Elevation			
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS Accuracy			



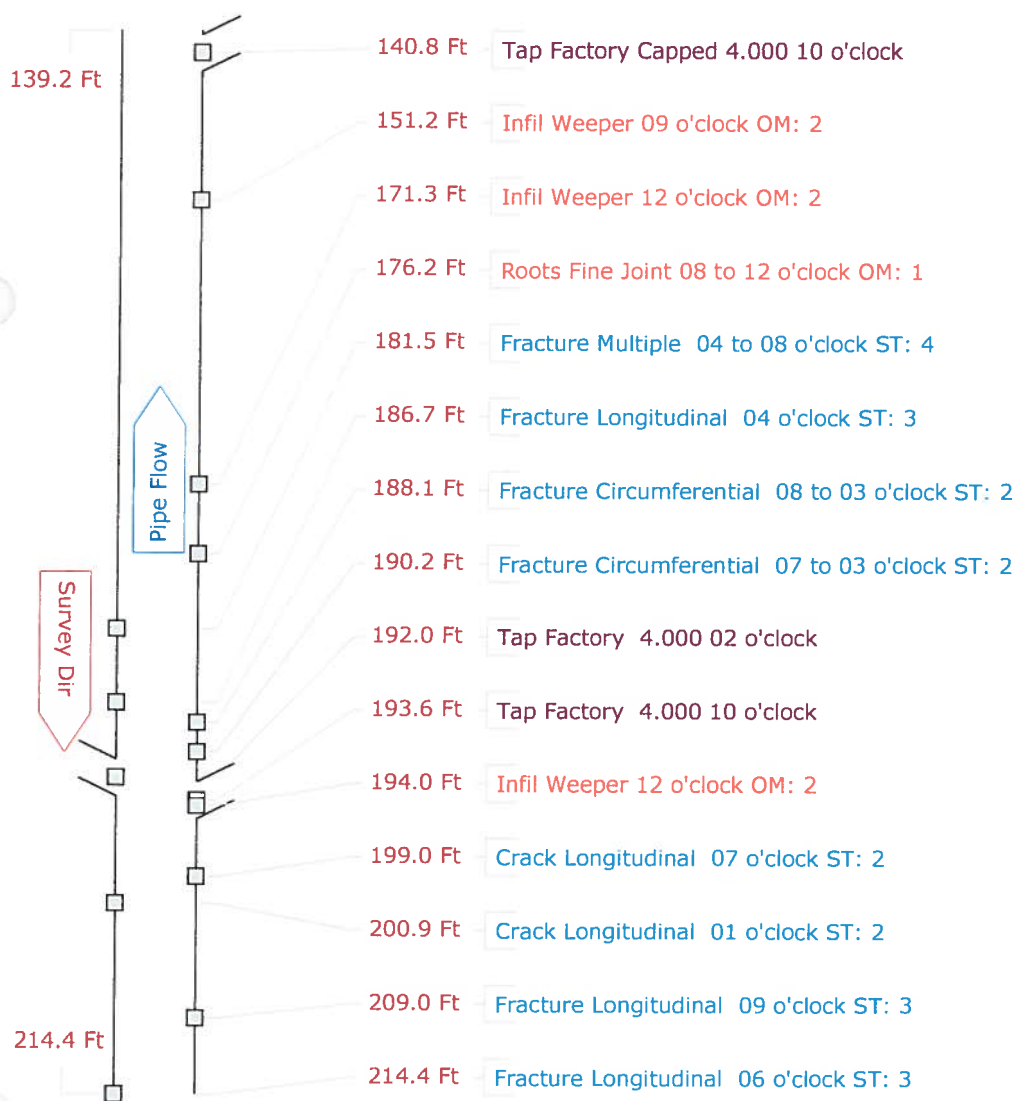
Pipe Graphic Report of PSR CO EOL 9015 X for COLONY COVE INITIAL CCTV SANITAR

Setup	65	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/30	Time	12:22	Street	DEN HELDER AVE
City	ELLENTON	Further location details	CO9015.1 327 DEN HELDER AVE				
Start	9024 (1-1-19)	Rim to invert	6.50	Grade to invert		Rim to grade	Ft
Finish	CO EOL 9015	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO9015.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/30
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	298.4	Ft	Length Surveyed 298.40
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
						Work Order	
Northing	1163659.636	Easting	498174.107	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



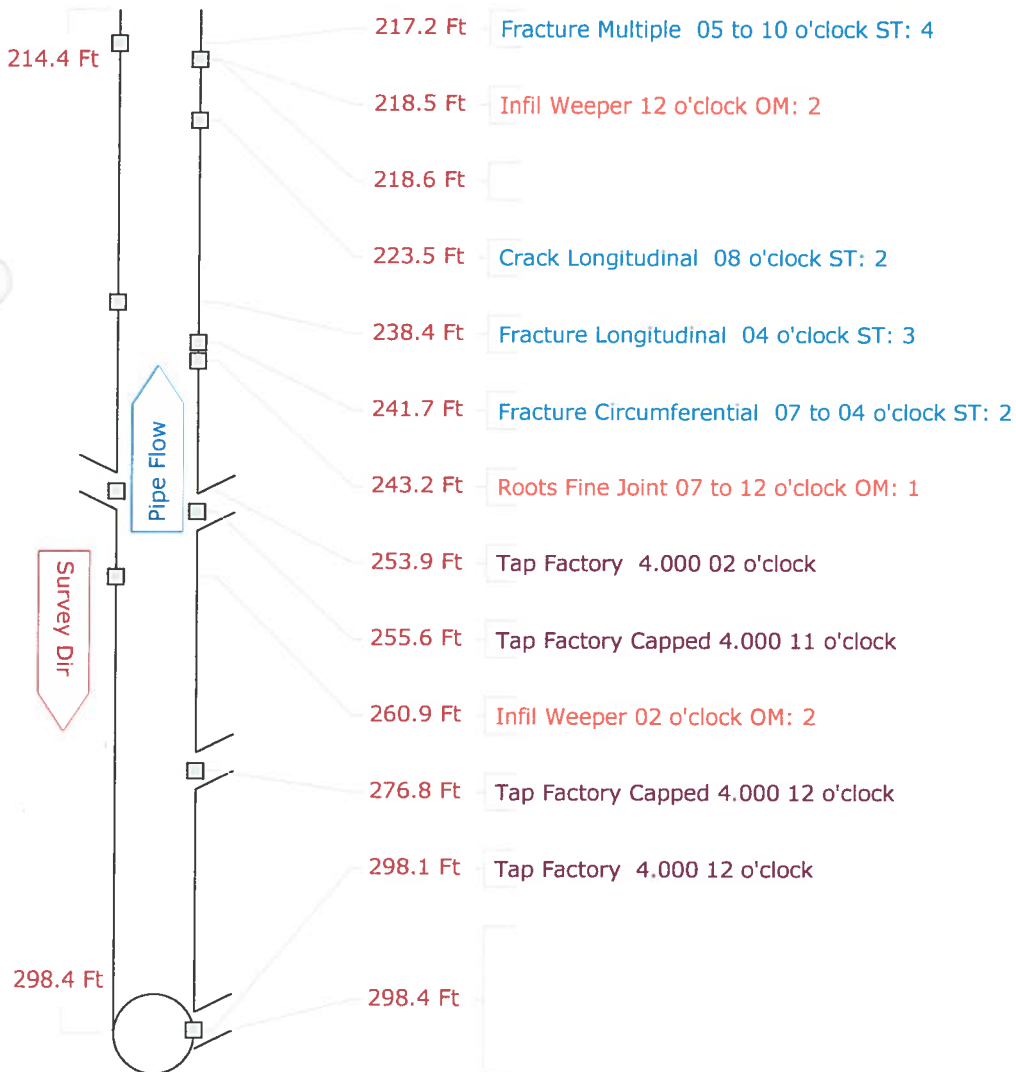
Pipe Graphic Report of PSR CO EOL 9015 X for COLONY COVE INITIAL CCTV SANITAR

Setup	65	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/30	Time	12:22	Street	DEN HELDER AVE
City	ELLENTON	Further location details	CO9015.1 327 DEN HELDER AVE				
Start	9024 (1-1-19)	Rim to invert	6.50	Grade to invert		Rim to grade	Ft
Finish	CO EOL 9015	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	CO9015.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/04/30
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	298.4	Ft	Length Surveyed 298.40
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTHEAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Work Order	
Northing	1163659.636	Easting	498174.107	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			

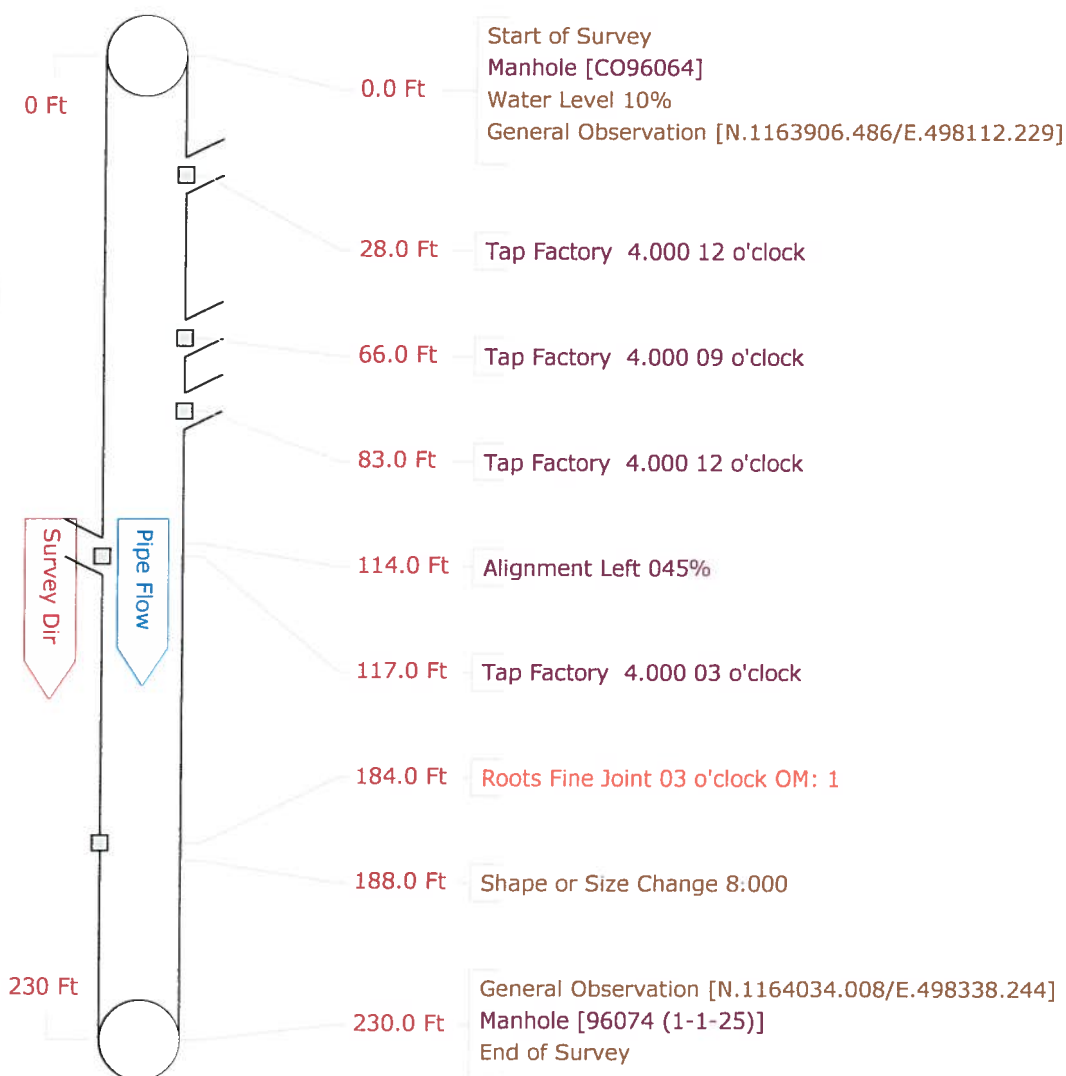


Pipe Graphic Report of PSR CO EOL 9015 X for COLONY COVE INITIAL CCTV SANITAR

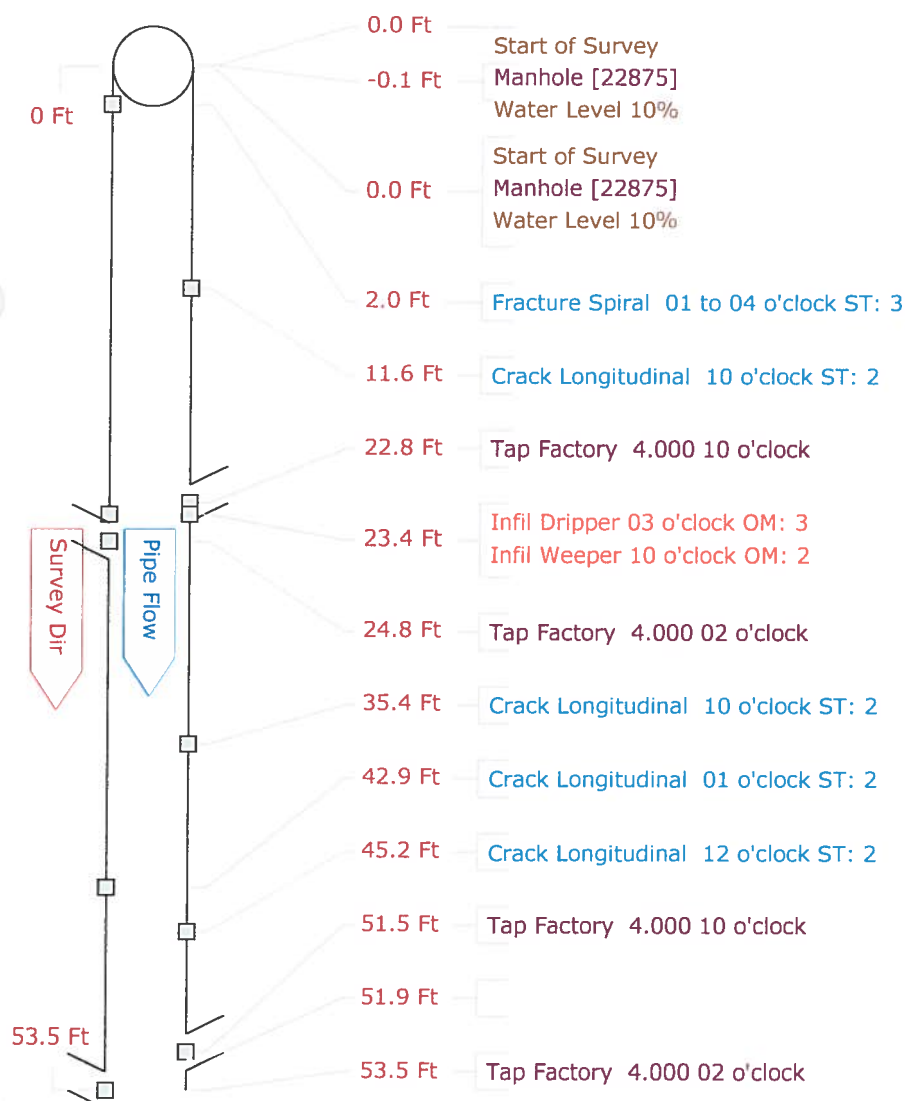
Setup	65	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE			
Drainage	Survey Customer			COLONY COVE							
P/O #	Date			2012/04/30	Time	12:22	Street	DEN HELDER AVE			
City	ELLENTON			Further location details CO9015.1 327 DEN HELDER AVE							
Start	9024 (1-1-19)			Rim to invert	6.50	Grade to invert		Rim to grade	Ft		
Finish	CO EOL 9015			Rim to invert		Grade to invert		Rim to grade	Ft		
Use	Sanitary			Direction	Upstream	Flow control		Media No	CO9015.1		
Shape	Circular			Height	6	Width	ins	Preclean	J	Year Cleaned	2012/04/30
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	298.4	Ft	Length Surveyed	298.40	
Lining				Year laid		Year rehabilitated		Weather	Dry		
Purpose				Cat							
Additional info	SOUTHEAST						Structural	O&M	Constructional		
Location	Easement/Right of Way						Miscellaneous	Hydraulic			
Project							Work Order				
Northing	1163659.636			Easting	498174.107		Elevation				
Coordinate System	US STATE PLANE1983 (NAD 1983)						GPS Accuracy				



Setup	66	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/04/30	Time	14:09	Street	AMELAND ST
City	ELLENTON	Further location details		CO96064.4	307	AMELAND ST	
Start	CO96064A (1-39)		Rim to invert	5.70	Grade to invert	Rim to grade	Ft
Finish	96074 (1-1-25)		Rim to invert	3.00	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Downstream	Flow control	Media No	CO96064.1
Shape	Circular		Height	6	Width	ins Preclean J	Year Cleaned 2012/04/30
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	230.0 Ft	Length Surveyed 230.00
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose					Cat		
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project						Constructional	
						Work Order	
Northing	1163906.486		Easting	498112.229		Elevation	
Coordinate System	US STATE PLANE1983 (NAD 1983)					GPS Accuracy	

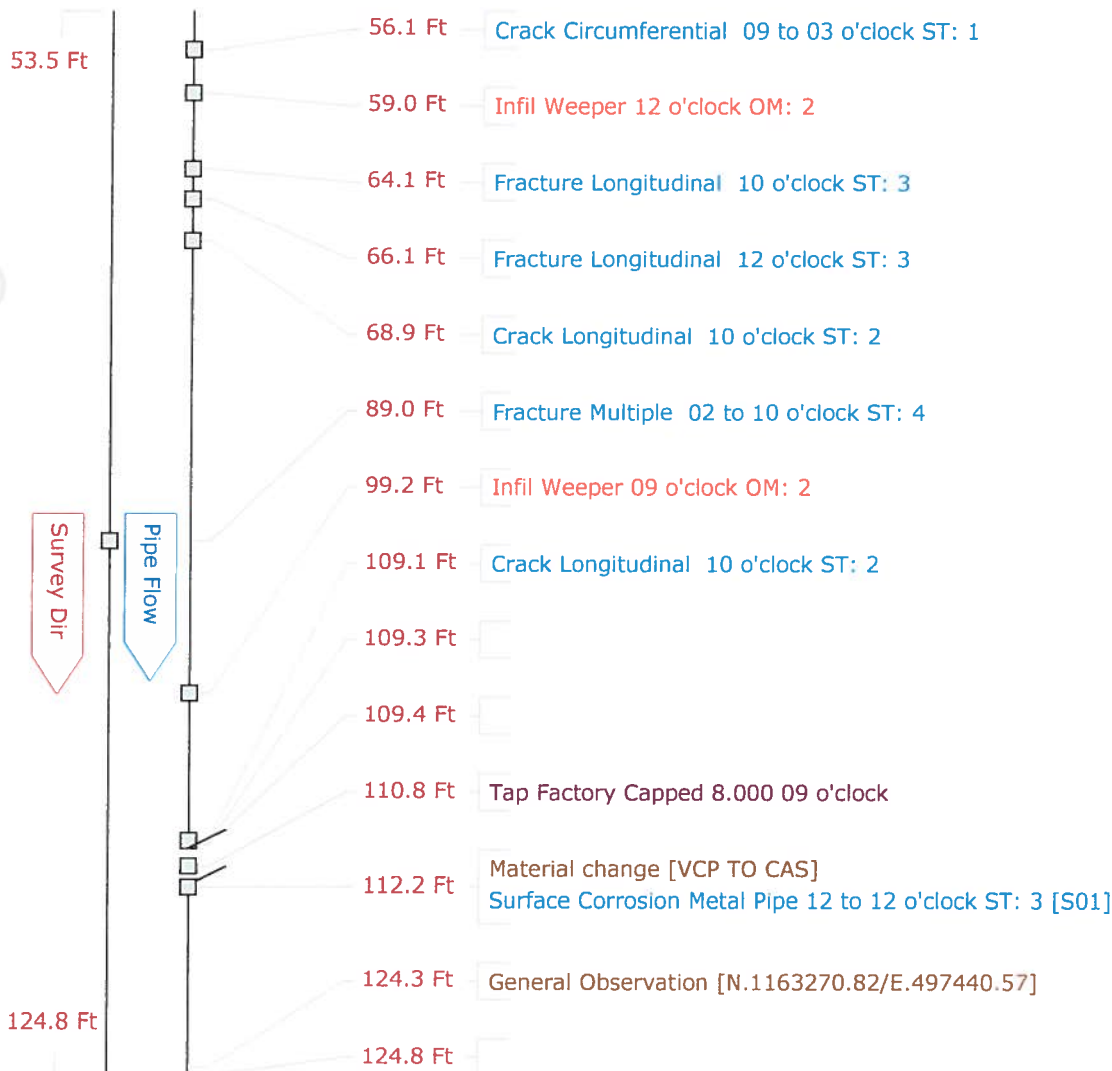


Setup	67	Surveyor	TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage		Survey Customer	COLONY COVE				
P/O #		Date	2012/05/01	Time	12:04	Street	AMELO AVE
City	ELLENTON	Further location details	22875.1	219	AMELO AVE		
Start	22875 (1-1)	Rim to invert	7.30	Grade to invert		Rim to grade	Ft
Finish	LS 517 (1)	Rim to invert		Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	22875.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/04/30
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	133.0	Ft	Length Surveyed 133.00
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project							Constructional
						Work Order	
Northing	1163387.77	Easting	497377.53	Elevation			
Coordinate System	US STATE PLANE1983 (NAD 1983)			GPS Accuracy			



Pipe Graphic Report of PSR 22875 X for COLONY COVE INITIAL CCTV SANITARY

Setup	67	Surveyor	TIM	Certificate #	U-307-1521		System Owner	COLONY COVE			
Drainage	Survey Customer			COLONY COVE							
P/O #	Date			2012/05/01	Time	12:04	Street	AMELO AVE			
City	ELLENTON			Further location details		22875.1 219 AMELO AVE					
Start	22875 (1-1)			Rim to invert	7.30	Grade to invert	Rim to grade		Ft		
Finish	LS 517 (1)			Rim to invert		Grade to invert	Rim to grade		Ft		
Use	Sanitary			Direction	Downstream	Flow control	Media No		22875.1		
Shape	Circular			Height	8	Width	ins	Preclean	J	Year Cleaned	2012/04/30
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	133.0	Ft	Length Surveyed	133.00	
Lining				Year laid		Year rehabilitated		Weather	Dry		
Purpose				Cat							
Additional info	SOUTH						Structural	O&M	Constructional		
Location	Easement/Right of Way						Miscellaneous	Hydraulic			
Project							Work Order				
Northing	1163387.77			Easting	497377.53		Elevation				
Coordinate System	US STATE PLANE1983 (NAD 1983)						GPS Accuracy				



Pipe Graphic Report of PSR 22875

X

for COLONY COVE INITIAL CCTV SANITAR

Setup 67	Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage	Survey Customer COLONY COVE		
P/O #	Date 2012/05/01	Time 12:04	Street AMELO AVE
City ELLENTON	Further location details 22875.1 219 AMELO AVE		
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Finish LS 517 (1)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 22875.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/04/30
Material Vitrified Clay Pipe	Joint length Ft	Total length 133.0 Ft	Length Surveyed 133.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH	<div> Structural O&M Constructional </div>		
Location Easement/Right of Way	<div> Miscellaneous Hydraulic </div>		
Project	Work Order		
Northing 1163387.77	Easting 497377.53	Elevation	
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy		

