

J.T.V., Inc. / Manatee County

Public Works - Project Management Div.

Sanitary Sewer Inspections Blanket# P0802958,RO#B1202957

Trailer Estates, 05/22/2012 - 06/05/2012

DVS 1 of 3, Setup: 1-10

Setup 1 - 10 DVS PACP Tabular Inspections

Setup 1 - 10 DVS PACP Graphic Inspections

Setup 1 - 10 Reports

Setup 1 - 10 Still shots

J.T.V., Inc. / Manatee County

Public Works - Project Management Div.

Sanitary Sewer Inspections Blanket# P0802958,RO#B1202957

Trailer Estates, 05/22/2012 - 06/05/2012

DVS 2 of 3, Setup: 11-25

Setup 11 - 25 DVS PACP Tabular Inspections

Setup 11 - 25 DVS PACP Graphic Inspections

Setup 11 - 25 Reports

Setup 11 - 25 Still shots

J.T.V., Inc. / Manatee County

Public Works - Project Management Div.

Sanitary Sewer Inspections Blanket# P0802958,RO#B1202957

Trailer Estates, 05/22/2012 - 06/05/2012

DVS 3 of 3, Setup: 11-25

Setup 26 - 36 DVS PACP Tabular Inspections

Setup 26 - 36 DVS PACP Graphic Inspections

Setup 26 - 36 Reports

Setup 26 - 36 Still shots



Clean TV
Easement

15156
to
17523

10'

8

8

8



Trailer Estates Pipe Survey Cleaning and Cutting Table 2012											
Setup #	Start Manhole			Finish Manhole							
	Old Manhole Number	Northing	Easting	Old Manhole Number	Northing	Easting	Tag Line	Cleaning	Type of Cutting	Type of Equipment Utilized	Pipe Condition
1	16523	N.1123207.12	E.466851.73	16913	N.1123179.18	E.467241.55		Heavy	Grease cut	Spinner Nozzle	Pipe fractured
2	16523	N.1123207.12	E.466851.73	17364	N.1123047.32	E.466848.50		Heavy	Root & grease cut	Spinner Nozzle	Pipe fractured and cracked, roots
3	17364	N.1123047.32	E.466848.50	17365	N.1123046.43	E.467238.66		Heavy	Root & grease cut	Spinner Nozzle	Pipe fractured and cracked, roots
4	17365	N.1123046.43	E.467238.66	17520	N.1123040.70	E.467629.23		Heavy	Root & grease cut	Spinner Nozzle	Pipe fractured and cracked, roots
5	16916	N.1123204.19	E.467627.81	16914	N.1123190.35	E.467783.87	x	Heavy	Grease cut	Spinner Nozzle	Defective liner - seam tape peeling
6	16916	N.1123204.19	E.467627.81	16913	N.1123197.18	E.467241.55	x	Heavy	Grease cut	Spinner Nozzle	
7	17520	N.1123040.70	E.467629.23	17519	N.1123037.10	E.467783.97	x	Heavy	Root & grease cut	Spinner Nozzle	Joints-Large Offsets, roots
8	15297	N.1122867.26	E.467617.96	15298	N.1122879.74	E.467782.28		Heavy	Root & grease cut	Spinner Nozzle	Pipe fractured, Joints-Medium Offsets, roots
9	15297	N.1122867.26	E.467617.96	15300	N.1122886.21	E.467231.59	x	Heavy	Grease cut	Spinner Nozzle	
10	15165	N.1122891.71	E.466846.41	15300	N.1122886.21	E.467231.59		Heavy	Grease cut	Spinner Nozzle	Pipe broken, fractured, offset joints, surface spalling
11	15165	N.1122891.71	E.466846.41	17364	N.1123047.32	E.466848.50	x	Heavy	Grease cut	Spinner Nozzle	Pipe fractured
12	15165	N.1122891.71	E.466846.41	15166	N.1122730.92	E.466840.43		Heavy	Grease cut	Spinner Nozzle	Pipe fractured, infiltration, intruding sealing ring
13	15302	N.1122716.21	E.467613.44	15303	N.1122719.35	E.467766.57		Heavy	Root & Grease cut	Spinner Nozzle	Pipe fractured and cracked, roots
14	15307	N.1122545.48	E.467611.24	15306	N.1122562.66	E.467611.24		Heavy	Grease cut	Spinner Nozzle	
15	15166	N.1122730.92	E.466840.43	15301	N.1122719.58	E.467244.33		Heavy	Grease cut	Spinner Nozzle	Pipe broken, fractured, offset joints
16	15301	N.1122719.58	E.467244.33	15302	N.1122716.21	E.467613.44		Heavy	Root & Grease cut	Spinner Nozzle	Pipe fractured, offset joints, infiltration, intruding sealing ring
17	15166	N.1122730.92	E.466840.43	15168	N.1122566.95	E.466842.53		Heavy	Grease cut	Spinner Nozzle	
18	15168	N.1122566.95	E.466842.53	17794	N.1122559.31	E.467224.86	x	Heavy	Grease cut	Spinner Nozzle	
19	17794	N.1122566.95	E.467224.86	15307	N.1122545.48	E.467224.86		Heavy	Root & Grease cut	Spinner Nozzle	Pipe fractured and cracked, roots
20	17361	N.1123056.33	E.466556.95	15221	N.1123290.37	E.466558.24		Heavy	Grease cut	Spinner Nozzle	Pipe fractured, offset joints
21	17361	N.1123056.33	E.466556.95	15162	N.1122962.09	E.466558.44		Heavy	Grease cut	Spinner Nozzle	Pipe cracked
22	15167	N.1122733.37	E.466552.34	15163	N.1122919.49	E.466560.18	x	Heavy	Grease cut	Spinner Nozzle	Pipe fractured, offset joints
23	15167	N.1122733.37	E.466552.34	16989	N.1122640.25	E.466554.62		Heavy	Grease cut	Spinner Nozzle	Pipe fractured
24	15980	N.1122411.17	E.466550.88	16988	N.1122593.93	E.466552.44		Heavy	Grease cut	Spinner Nozzle	Pipe cracked
25	15980	N.1122411.17	E.466550.88	15981	N.1122364.82	E.466547.34	x	Heavy	Grease cut	Spinner Nozzle	
26	16523	N.1123207.12	E.466851.73	15222	N.1123222.21	E.466600.13		Heavy	Grease cut	Spinner Nozzle	Pipe fractured and cracked, offset joints
27	15165	N.1122891.71	E.466846.41	15164	N.1122894.07	E.466596.11	x	Heavy	Grease cut	Spinner Nozzle	Pipe cracked, separated joint, dip in pipe
28	15168	N.1122566.95	E.466842.53	16987	N.1122569.07	E.466586.80		Heavy	Grease cut	Spinner Nozzle	Pipe broken, fractured, offset joints, infiltration, roots
29	17361	N.1123056.33	E.466556.95	17364	N.1123047.32	E.466848.50		Heavy	Grease cut	Spinner Nozzle	Pipe fractured, offset joints, roots
30	15167	N.1122733.37	E.466552.34	15166	N.112273092	E.466840.43		Heavy	Grease cut	Spinner Nozzle	Pipe fractured and cracked, infiltration, roots
31	15980	N.1122411.17	E.466550.88	15564	N.1122409.13	E.466833.43		Heavy	Grease cut	Spinner Nozzle	Pipe fractured soil visible, infiltration
32	15564	N.1122409.13	E.466833.43	15168	N.1122566.95	E.466842.53		Heavy	Grease cut	Spinner Nozzle	
33	15564	N.1122409.13	E.466833.43	17797	N.1122401.64	E.467176.13		Heavy	Grease cut	Spinner Nozzle	Infiltration
34	17796	N.1122397.25	E.467505.04	17797	N.1122401.64	E.467176.13	x	Heavy	Grease cut	Spinner Nozzle	Infiltration
35	17796	N.1122397.25	E.467505.04	17795	N.1122390.00	E.467834.17		Heavy	Grease cut	Spinner Nozzle	Pipe fractured, infiltration
36	17796	N.1122397.25	E.467505.04	15156	N.1122132.65	E.467497.09		Heavy	Grease cut	Spinner Nozzle	Infiltration



CCTV Surveys List for TRAILER ESTATES INITIAL CCTV SANITARY

Number of surveys in this list is 36 as of Wednesday, June 06, 2012

Unit of measure: ft

Setup	Date	Street	Start MH	Finish MH	Dir	Size inch	Pre Clean	Media Number	Scheduled Length	Surveyed Length
1	5/22/2012	OHIO AVE.	16523	16913	U	8	J	16913.1	388.8	388.8
2	5/22/2012	OHIO AVE.	16523	17364	D	8	J	16523.1	161.5	161.5
3	5/22/2012	INDIANA AVE.	17364	17365	U	8	J	17365.1	390.0	390.1
4	5/22/2012	INDIANA AVE.	17365	17520	U	8	J	17520.1	390.1	390.1
5	5/29/2012	OHIO AVE	16916	16914	U	6	J	16914.1	154.7	154.7
6	5/29/2012	OHIO AVE	16916	16913	D	8	J	16916.1	390.5	390.5
7	5/29/2012	INDIANA AVE	17520	17519	U	6	J	17519.1	155.3	155.3
8	5/29/2012	MINNESOTA AVE	15297	15298	U	6	J	15298.1	154.9	154.9
9	5/29/2012	MINNESOTA AVE	15297	15300	D	8	J	15297.1	387.5	387.5
10	5/30/2012	MINNESOTA AVE	15165	15300	U	8	J	15300.1	389.2	389.2
11	5/30/2012	INDIANA AVE.	15165	17364	U	8	J	17364.1	158.8	158.8
12	5/30/2012	MINNESOTA AVE	15165	15166	D	8	J	15165.1	160.1	160.1
13	5/31/2012	ILLINOIS AVE	15302	15303	U	6	J	15303.1	153.4	153.4
14	5/31/2012	IOWA AVE	15307	15306	U	6	J	15306.1	154.6	154.6
15	5/31/2012	ILLINOIS AVE	15166	15301	U	8	J	15301.1	389.3	389.3
16	5/31/2012	ILLINOIS AVE	15301	15302	U	8	J	15302.1	388.1	388.1
17	5/31/2012	ILLINOIS AVE	15166	15168	D	8	J	15166.1	159.1	159.1
18	5/31/2012	IOWA AVE	15168	17794	U	8	J	17794.1	390.0	390.0
19	5/31/2012	IOWA AVE	17794	15307	U	8	J	15307.1	388.8	388.8
20	6/1/2012	MARINA DR.	17361	15221	U	6	J	15221.1	233.5	233.5
21	6/1/2012	MARINA DR.	17361	15162	U	6	J	15162.1	91.6	91.6
22	6/1/2012	MARINA DR.	15167	15163	U	6	J	15163.1	182.1	182.1
23	6/1/2012	MARINA DR.	15167	16989	U	6	J	16989.1	89.7	89.7
24	6/4/2012	MARINA DR.	15980	16988	U	6	J	16988.1	179.2	179.2
25	6/4/2012	MARINA DR.	15980	15981	U	6	J	15981.1	50.5	50.5
26	6/4/2012	OHIO AVE	16523	15222	U	6	J	15222.1	246.3	246.3
27	6/4/2012	MINNESOTA AVE	15165	15164	U	6	J	15164.1	245.3	245.3

Setup	Date	Street	Start MH	Finish MH	Dir	Size inch	Pre Clean	Media Number	Scheduled Length	Surveyed Length
28	6/4/2012	IOWA AVE	15168	16987	U	6	J	16987.1	246.0	246.0
29	6/4/2012	MARINA DR	17361	17364	D	8	J	17361.1	287.5	287.5
30	6/4/2012	MARINA DR	15167	15166	D	8	J	15167.1	287.4	287.4
31	6/4/2012	MARINA DR	15980	15564	D	8	J	15980.1	286.4	286.4
32	6/5/2012	MARINA DR	15564	15168	U	8	J	15168.1	159.4	159.4
33	6/5/2012	MARINA DR	15564	17797	D	8	J	15564.1	340.1	340.1
34	6/5/2012	IOWA AVE	17796	17797	U	8	J	17797.1	329.5	329.5
35	6/5/2012	IOWA AVE	17796	17795	U	8	J	17795.1	333.0	333.0
36	6/5/2012	IOWA AVE	17796	15156	D	10	J	17796.1	260.6	260.6
Total Scheduled Length									9,152.8	
Total Length Surveyed										9,152.9

Tabular Report of PSR 16913
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 1 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/22	Time 8:02	Street OHIO AVE.
City MANATEE COUNTY	Further location details 16913.1 2013 OHIO AVE.		
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 16913	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 16913.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 388.8 Ft	Length Surveyed 388.8
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123179.18	Easting 467241.55	Elevation	
Coordinate System U.S. 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							16523
0.0			MWL Water Level			10				
0.0			MGO General Observation							N. 1123207.12 E. 466851.73
10.3			JOM Joint Offset Medium							
13.3			JOM Joint Offset Medium							
15.1			TF Tap Factory	6.000				09		
47.7			TF Tap Factory	6.000				03		
55.6			TF Tap Factory	6.000				09		
77.8			FM Fracture Multiple					02 04		
80.4			CL Crack Longitudinal					03		
88.0			TF Tap Factory	6.000				03		
91.4			FL Fracture Longitudinal					09		
95.8			TF Tap Factory	6.000				09		
96.5			B Broken					02		
96.6			CL Crack Longitudinal					02		
108.5			FM Fracture Multiple					04 08		
123.4			IW Infil Weeper					08		
126.3			JOM Joint Offset Medium							
128.2			TF Tap Factory	6.000				03		
133.2			TF Tap Factory	6.000				09		
168.7			TF Tap Factory	6.000				03		
173.7			TF Tap Factory	6.000				09		
198.6			JOM Joint Offset Medium							
206.4			TF Tap Factory	6.000				03		
214.3			TF Tap Factory	6.000				09		
223.2			MGO General Observation							DIP IN LINE
223.8			JOM Joint Offset Medium							
226.7			JOM Joint Offset Medium							
246.7			TF Tap Factory	6.000				03		
249.3			CL Crack Longitudinal					08		

Tabular Report of PSR 16913
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 1 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/22	Time 8:02	Street OHIO AVE.
City MANATEE COUNTY	Further location details 16913.1 2013 OHIO AVE.		
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 16913	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 16913.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 388.8 Ft	Length Surveyed 388.8
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123179.18	Easting 467241.55	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
%	JntFr	To	ImRef
Remarks			
249.9	FL Fracture Longitudinal		09
254.6	TF Tap Factory	6.000	09
258.1	FL Fracture Longitudinal		09
261.0	JOM Joint Offset Medium		
273.0	RFJ Roots Fine Joint		J 03
278.9	RFJ Roots Fine Joint		J 02
285.2	RFJ Roots Fine Joint		J 07 12
286.9	TF Tap Factory	6.000	03
293.5	RFJ Roots Fine Joint		J 01
295.1	TF Tap Factory	6.000	09
301.4	JOM Joint Offset Medium		
319.5	CL Crack Longitudinal		03
326.0	JOM Joint Offset Medium		
327.4	TF Tap Factory	6.000	03
332.4	TF Tap Factory	6.000	09
345.1	JOL Joint Offset Large		
354.5	FL Fracture Longitudinal		10
366.2	JOL Joint Offset Large		
368.2	TF Tap Factory	6.000	03
371.3	JOM Joint Offset Medium		
373.3	TF Tap Factory	6.000	09
388.8	MGO General Observation		
388.8	AMH Manhole		
388.8	FH End of Survey		

388.8 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 45	Pipe Ratings Index 2	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 6	Pipe Ratings Index 1.2	Peak 2	Mean Pipe 0

Tabular Report of PSR 16523
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 2 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/22	Time 11:21	Street OHIO AVE.
City MANATEE COUNTY	Further location details 16523.1 2115 OHIO AVE.		
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 17364	Rim to invert 7.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 16523.1
Shape Circular	Height 8	Width ins	Preclean J
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
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123207.12	Easting 466851.73	Elevation	
Coordinate System U.S. 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							16523
0.0			MWL Water Level			10				
0.0			MGO General Observation							N. 1123207.12 E. 466851.73
20.3			IW Infil Weeper				12			
38.4			ID Infil Dripper				12			
58.5			MGO General Observation							DIP IN LINE
74.4			IR Infil Runner				12			
80.4			JOM Joint Offset Medium							
82.9			MGO General Observation							DIP IN LINE
110.7			IR Infil Runner				09			
129.0			IR Infil Runner				12			
161.5			MGO General Observation							N.1123047.32 E. 466848.50
161.5			AMH Manhole							17364
161.5			FH End of Survey							

161.5 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 1	Pipe Ratings Index 1	Peak 1	Mean Pipe 0
O&M:	Pipe Rating 17	Pipe Ratings Index 3.4	Peak 4	Mean Pipe 0.1

Tabular Report of PSR 17365
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 3 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/22	Time 12:14	Street INDIANA AVE.
City MANATEE COUNTY	Further location details 17365.1 2013 INDIANA AVE.		
Start 17364	Rim to invert 7.80	Grade to invert	Rim to grade Ft
Finish 17365	Rim to invert 4.60	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 17365.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 390.0 Ft	Length Surveyed 390.1
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123046.43	Easting 467238.66	Elevation	
Coordinate System U.S. 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							17364
0.0			MWL Water Level			10				
0.0			MGO General Observation							N. 1123047.32 E.466848.50
6.0		S01	JOM Joint Offset Medium							
12.8			TF Tap Factory	6.000			09			
25.4			FL Fracture Longitudinal				08			
29.5			FL Fracture Longitudinal				11			
47.5			TF Tap Factory	6.000			03			
53.6			TF Tap Factory	6.000			09			
53.9			CL Crack Longitudinal				09			
54.1			FL Fracture Longitudinal				08			
88.4			TF Tap Factory	6.000			09			
94.4			TF Tap Factory	6.000			09			
111.1			CL Crack Longitudinal				08			
115.3			FL Fracture Longitudinal				10			
129.0			TF Tap Factory	6.000			03			
129.6			FM Fracture Multiple				03 05			
133.9			RFJ Roots Fine Joint			J	09			
135.3			TF Tap Factory	6.000			09			
139.6			CL Crack Longitudinal				08			
165.9			TF Tap Factory	6.000			03			
174.8			TF Tap Factory	6.000			09			
209.7			TF Tap Factory	6.000			03			
214.9			TF Tap Factory	6.000			09			
219.7			FL Fracture Longitudinal				03			
227.5			FL Fracture Longitudinal				11			
247.2			TF Tap Factory	6.000			03			
253.2			TF Tap Factory	6.000			09			
288.7			TF Tap Factory	6.000			03			
293.7			TF Tap Factory	6.000			09			

Tabular Report of PSR 17365
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 3 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/22	Time 12:14	Street INDIANA AVE.
City MANATEE COUNTY	Further location details 17365.1 2013 INDIANA AVE.		
Start 17364	Rim to invert 7.80	Grade to invert	Rim to grade Ft
Finish 17365	Rim to invert 4.60	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 17365.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 390.0 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123046.43	Easting 467238.66	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
303.1			CL Crack Longitudinal				09			
329.0			TF Tap Factory	6.000			03			
334.1			TF Tap Factory	6.000			09			
366.4			TF Tap Factory	6.000			03			
367.1			CL Crack Longitudinal				12			
374.5			TF Tap Factory	6.000			09			
390.0		F01	JOM Joint Offset Medium							
390.0			AMH Manhole							17365
390.0			FH End of Survey							
390.1			MGO General Observation							N. 1123046.43 E. 467238.66

390.1 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 109	Pipe Ratings Index 1.2	Peak 5	Mean Pipe 0.3
O&M:	Pipe Rating 1	Pipe Ratings Index 1	Peak 1	Mean Pipe 0

Tabular Report of PSR 17520
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 4 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/22	Time 14:35	Street INDIANA AVE.
City MANATEE COUNTY	Further location details 17520.1 1911 INDIANA AVE.		
Start 17365	Rim to invert 4.60	Grade to invert	Rim to grade Ft
Finish 17520	Rim to invert 4.50	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 17520.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 390.1 Ft	Length Surveyed 390.1
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123040.70	Easting 467629.23	Elevation	
Coordinate System U.S. 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							17365
0.0			MWL Water Level			10				
0.0			MGO General Observation							N. 1123046.43 E. 467238.66
17.9			TF Tap Factory	6.000			03			
26.0			TF Tap Factory	6.000			09			
41.7			FL Fracture Longitudinal				06			
44.6		S01	JOM Joint Offset Medium							
58.5			TF Tap Factory	6.000			03			
58.5			OBZ Obstacle Other			5	06			POSSIBLY GROUT
66.6			TF Tap Factory	6.000			09			
99.0			TF Tap Factory	6.000			03			
104.1			TF Tap Factory	6.000			09			
109.5			FL Fracture Longitudinal				03			
139.7			TF Tap Factory	6.000			03			
144.7			TF Tap Factory	6.000			09			
151.3			FL Fracture Longitudinal				02			
171.9			FL Fracture Longitudinal				06			
180.0			TF Tap Factory	6.000			03			
185.0			TF Tap Factory	6.000			09			
197.3			MMC Material change							FROM VCP TO PVC
198.6			TF Tap Factory	6.000			12			
200.9			MMC Material change							FROM PVC TO VCP
220.3			TF Tap Factory	6.000			03			
220.8			RFJ Roots Fine Joint				J 08			
225.5			TF Tap Factory	6.000			09			
229.2			ISGT Intruding Sealing Grout			5	07 09			
234.6			RFJ Roots Fine Joint				J 07 11			
257.6			TF Tap Factory	6.000			03			
258.2			RFJ Roots Fine Joint				J 04			
266.0			TF Tap Factory	6.000			09			

Tabular Report of PSR 17520
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 4 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/22	Time 14:35	Street INDIANA AVE.
City MANATEE COUNTY	Further location details 17520.1 1911 INDIANA AVE.		
Start 17365	Rim to invert 4.60	Grade to invert	Rim to grade Ft
Finish 17520	Rim to invert 4.50	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 17520.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 390.1 Ft
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 INITIAL CCTV SANITARY		Work Order	
Northing 1123040.70	Easting 467629.23	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
		%	JntFr To ImRef
			Remarks
298.1	TF Tap Factory	6.000	03
303.2	TF Tap Factory	6.000	09
339.5	TF Tap Factory	6.000	03
345.6	TF Tap Factory	6.000	09
379.2	TF Tap Factory	6.000	03
385.0	TF Tap Factory	6.000	09
390.1	MGO General Observation		N. 1123040.70 E. 467629.23
390.1	F01 JOM Joint Offset Medium		
390.1	AMH Manhole		17520
390.1	FH End of Survey		

390.1 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 82	Pipe Ratings Index 1.1	Peak 4	Mean Pipe 0.2
O&M:	Pipe Rating 7	Pipe Ratings Index 1.4	Peak 2	Mean Pipe 0

Tabular Report of PSR 16914
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 5 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/29	Time 8:29	Street OHIO AVE
City MANATEE COUNTY	Further location details 16914.1 1903 OHIO AVE		
Start 16916	Rim to invert 4.00	Grade to invert	Rim to grade Ft
Finish 16914	Rim to invert 3.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 16914.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 154.7 Ft	Length Surveyed 154.7
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123190.35	Easting 467783.87	Elevation	
Coordinate System U.S. 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							16916
0.0			MWL Water Level			10				
0.0			MGO General Observation							N. 1123204.19 E. 467627.81
31.8			TF Tap Factory	4.000				03		RESIN SLUG
37.9			TF Tap Factory	4.000				09		
49.5			TF Tap Factory	4.000				12		
54.4			MGO General Observation							SEAM TAPE FROM LINER
76.5			TF Tap Factory	4.000				09		
83.7			TF Tap Factory	4.000				12		
116.0			TF Tap Factory	4.000				09		
149.9			TF Tap Factory	6.000				03		
154.7			MGO General Observation							N. 1123190.35 E. 467783.87
154.7			AMH Manhole							16914
154.7			FH End of Survey							

154.7 Ft Total Length Surveyed
Scores

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

Tabular Report of PSR 16916
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 6 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/29	Time 10:00	Street OHIO AVE
City MANATEE COUNTY	Further location details 16916.1 1909 OHIO AVE.		
Start 16916	Rim to invert 4.00	Grade to invert	Rim to grade Ft
Finish 16913	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 16916.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 390.5 Ft	Length Surveyed 390.5
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123204.19	Easting 467627.81	Elevation	
Coordinate System U.S. 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							16916
0.0			MWL Water Level			10				
0.0			MGO General Observation							N. 1123204.19 E. 467627.81
7.5			TF Tap Factory	6.000			03			
13.5			TF Tap Factory	6.000			09			
35.0			TF Tap Factory	6.000			12			
45.6			TF Tap Factory	6.000			03			
51.0			TF Tap Factory	6.000			09			
86.1			TF Tap Factory	6.000			03			
91.0			TF Tap Factory	6.000			09			
126.7			TF Tap Factory	6.000			03			
131.3			TF Tap Factory	6.000			09			
164.2			TF Tap Factory	6.000			03			
172.4			TF Tap Factory	6.000			09			NOT REINSTATED
204.7			TF Tap Factory	6.000			03			
210.0			TF Tap Factory	6.000			09			
245.0			TF Tap Factory	6.000			03			
250.6			TF Tap Factory	6.000			09			
285.7			TF Tap Factory	6.000			03			
291.0			TF Tap Factory	6.000			09			
326.7			TF Tap Factory	6.000			03			
331.0			TF Tap Factory	6.000			09			NOT REINSTATED
366.0			TF Tap Factory	6.000			03			
369.9			TF Tap Factory	6.000			09			
390.5			MGO General Observation							N.1123197.18 E. 467241.55
390.5			AMH Manhole							16913
390.5			FH End of Survey							

390.5 Ft Total Length Surveyed

Tabular Report of PSR 16916
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 6 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES				
P/O #	Date 2012/05/29	Time 10:00	Street OHIO AVE			
City MANATEE COUNTY	Further location details 16916.1 1909 OHIO AVE.					
Start 16916	Rim to invert 4.00	Grade to invert	Rim to grade	Ft		
Finish 16913	Rim to invert 4.20	Grade to invert	Rim to grade	Ft		
Use Sanitary	Direction Down	Flow control		Media No 16916.1		
Shape Circular	Height 8	Width ins	Preclean J		Year Cleaned 2012/05/29	
Material Vitrified Clay Pipe	Joint length Ft	Total length 390.5	Ft	Length Surveyed 390.5		
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry			
Purpose	Cat	Pressure				
Additional info WEST			Structural O&M Constructional			
Location Easement/Right of Way			Miscellaneous Hydraulic			
Project INITIAL CCTV SANITARY			Work Order			
Northing 1123204.19	Easting 467627.81	Elevation				
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

Scores

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

Tabular Report of PSR 17519
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 7 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/29	Time 12:14	Street INDIANA AVE
City MANATEE COUNTY	Further location details 17519.1 1903 INDIANA AVE.		
Start 17520	Rim to invert 4.50	Grade to invert	Rim to grade Ft
Finish 17519	Rim to invert 3.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 17519.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 155.3 Ft	Length Surveyed 155.3
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123037.10	Easting 467783.97	Elevation	
Coordinate System U.S. 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							17520
0.0			MWL Water Level			10				
0.0			MGO General Observation							N. 1123040.70 E. 467629.23
26.3			RFJ Roots Fine Joint				J 10			
30.6			RFJ Roots Fine Joint				J 09 12			
34.5			TF Tap Factory	4.000			03			
36.7			JOM Joint Offset Medium							
38.0			TF Tap Factory	4.000			09			
50.5			RFJ Roots Fine Joint				J 02			
54.3			RFJ Roots Fine Joint				J 03			
70.6			RFJ Roots Fine Joint				J 09 04			
72.0			TF Tap Factory	4.000			03			W/ROOTS
72.7			RFJ Roots Fine Joint				J 04			
77.5			TF Tap Factory	4.000			09			
86.0			RFJ Roots Fine Joint				J 09			
111.6			TF Tap Factory	4.000			03			
117.1			TF Tap Factory	6.000			09			
150.1			JOL Joint Offset Large							
151.2			TF Tap Factory	4.000			03			
155.3			MGO General Observation							N.1123037.10 E.467783.97
155.3			AMH Manhole							17519
155.3			FH End of Survey							

155.3 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 3	Pipe Ratings Index 1.5	Peak 2	Mean Pipe 0
O&M:	Pipe Rating 7	Pipe Ratings Index 1	Peak 1	Mean Pipe 0

Tabular Report of PSR 15298
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 8 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/29	Time 13:53	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15298.1 1903 MINNESOTA AVE.		
Start 15297	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Finish 15298	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15298.1
Shape Circular	Height 6	Width ins	Preclean J Year Cleaned 2012/05/29
Material Vitrified Clay Pipe	Joint length Ft	Total length 154.9 Ft	Length Surveyed 154.9
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 INITIAL CCTV SANITARY		Work Order	
Northing 1122879.74	Easting 467782.28	Elevation	
Coordinate System U.S. 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							15297
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122867.26 E.467617.96
29.6			JOM Joint Offset Medium							
30.7			TF Tap Factory	4.000			03			
36.2			TF Tap Factory	4.000			09			
69.0			JOM Joint Offset Medium							
70.0			TF Tap Factory	4.000			03			
79.3			RFJ Roots Fine Joint			J	10			
80.7			TF Tap Factory	4.000			09			
88.8			FL Fracture Longitudinal				12			
89.0			TB Tap Break-in	4.000			12			
89.1			FL Fracture Longitudinal				12			
110.1			TF Tap Factory	4.000			03			
115.5			TF Tap Factory	4.000			09			
132.3			RFJ Roots Fine Joint			J	10			
145.5			TF Tap Factory	4.000			03			
153.5			FC Fracture Circumferential				12	12		
154.9			MGO General Observation							N.1122879.74 E.467782.28
154.9			AMH Manhole							15298
154.9			FH End of Survey							

154.9 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 10	Pipe Ratings Index 2	Peak 3	Mean Pipe 0.1
O&M:	Pipe Rating 2	Pipe Ratings Index 0.7	Peak 1	Mean Pipe 0

Tabular Report of PSR 15297
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 9 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/29	Time 15:17	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15297.1 1911 MINNESOTA AVE.		
Start 15297	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Finish 15300	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 15297.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 387.5 Ft	Length Surveyed 387.5
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122867.26	Easting 467617.96	Elevation	
Coordinate System U.S. 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							15297
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122867.26 E.467617.96
6.0			TF Tap Factory	6.000			03			
8.0			TF Tap Factory	6.000			09			
43.6			TF Tap Factory	6.000			03			
48.9			TF Tap Factory	6.000			09			
83.7			TF Tap Factory	6.000			03			
88.7			TF Tap Factory	6.000			09			
121.3			TF Tap Factory	6.000			12			
124.4			TF Tap Factory	6.000			03			
128.9			TF Tap Factory	6.000			09			NOT REINSTATED
161.9			TF Tap Factory	6.000			03			
171.1			TF Tap Factory	6.000			09			
204.2			TF Tap Factory	6.000			03			
207.5			TF Tap Factory	6.000			09			
243.7			TF Tap Factory	6.000			03			
247.3			TF Tap Factory	6.000			01			
249.3			TF Tap Factory	6.000			09			
284.9			TF Tap Factory	6.000			03			
290.9			TF Tap Factory	6.000			09			
323.3			TF Tap Factory	6.000			03			
328.4			TF Tap Factory	6.000			09			
363.9			TF Tap Factory	6.000			03			
370.0			TF Tap Factory	6.000			09			
387.5			MGO General Observation							N.1122886.21 E.467231.59
387.5			AMH Manhole							15300
387.5			FH End of Survey							

387.5 Ft Total Length Surveyed

Tabular Report of PSR 15297
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 9 **Surveyor** TIM **Certificate #** U-307-1521 **System Owner** TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES				
P/O #	Date 2012/05/29	Time 15:17	Street MINNESOTA AVE			
City MANATEE COUNTY	Further location details 15297.1 1911 MINNESOTA AVE.					
Start 15297	Rim to invert 4.20	Grade to invert	Rim to grade	Ft		
Finish 15300	Rim to invert 4.10	Grade to invert	Rim to grade	Ft		
Use Sanitary	Direction Down	Flow control		Media No 15297.1		
Shape Circular	Height 8	Width	ins	Preclean J	Year Cleaned 2012/05/29	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 387.5	Ft	Length Surveyed 387.5	
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry			
Purpose	Cat	Pressure				
Additional info WEST			Structural O&M Constructional			
Location Easement/Right of Way			Miscellaneous Hydraulic			
Project INITIAL CCTV SANITARY			Work Order			
Northing 1122867.26	Easting 467617.96	Elevation				
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

Scores

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

Tabular Report of PSR 15300
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 10 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/30	Time 11:10	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15300.1 2013 MINNESOTA		
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15300	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15300.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 389.2 Ft	Length Surveyed 389.2
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122886.21	Easting 467231.59	Elevation	
Coordinate System U.S. 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							15165
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122891.71 E.466846.41
13.8			TF Tap Factory	6.000			09			
19.0			SSS Surface Spalling				03			
44.5			SSS Surface Spalling				12			
49.1			TF Tap Factory	6.000			03			
54.1			TF Tap Factory	6.000			09			
89.6			TF Tap Factory	6.000			03			
94.6			TF Tap Factory	6.000			09			
100.9			ISSR Intruding Sealing Ring			5	05 06			
125.1			DAZ Deposits Attached Other			5	06			
129.9			TF Tap Factory	6.000			03			
135.0			TF Tap Factory	6.000			09			
167.2			TF Tap Factory	6.000			03			
208.3			TF Tap Factory	6.000			03			
213.3			TF Tap Factory	6.000			09			
231.7			MMC Material change							FROM VCP TO PVC
233.0			TF Tap Factory	6.000			12			
235.0			MMC Material change							FROM PVC TO VCP
248.8			TF Tap Factory	6.000			03			
249.1			FL Fracture Longitudinal				09			
252.0			JOM Joint Offset Medium							
253.8			TF Tap Factory	6.000			09			
260.2			MMC Material change							FROM VCP TO PVC
260.2			B Broken				04			
262.7			TF Tap Factory	6.000			12			
264.0			MMC Material change							FROM PVC TO VCP
289.2			TF Tap Factory	6.000			03			
294.4			TF Tap Factory	6.000			09			

Tabular Report of PSR 15300
Y
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 10 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/30	Time 11:10	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15300.1 2013 MINNESOTA		
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15300	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15300.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 389.2 Ft	Length Surveyed 389.2
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 INITIAL CCTV SANITARY		Work Order	
Northing 1122886.21	Easting 467231.59	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
		%	JntFr To ImRef
327.9	MMC Material change		
329.1	TF Tap Factory	6.000	12
330.9	MMC Material change		
334.8	TF Tap Factory	6.000	09
335.4	FL Fracture Longitudinal		09
367.0	TF Tap Factory	6.000	03
373.2	MMC Material change		
374.5	TF Tap Factory	6.000	09
376.8	MMC Material change		
389.2	MGO General Observation		
389.2	AMH Manhole		
389.2	FH End of Survey		

389.2 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 14	Pipe Ratings Index 2.3	Peak 3	Mean Pipe 0
O&M:	Pipe Rating 4	Pipe Ratings Index 2	Peak 2	Mean Pipe 0

Tabular Report of PSR 17364

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 11 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/05/30	Time	13:37	Street INDIANA AVE.		
City	MANATEE COUNTY		Further location details 17364.1 2115 INDIANA				
Start	15165	Rim to invert	7.70	Grade to invert	Rim to grade	Ft	
Finish	17364	Rim to invert	7.80	Grade to invert	Rim to grade	Ft	
Use	Sanitary	Direction	Up	Flow control	Media No	17364.1	
Shape	Circular	Height	8	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	158.8	Ft	Length Surveyed 158.8
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 INITIAL CCTV SANITARY					Work Order		
Northing 1123047.32		Easting 466848.50		Elevation			
Coordinate System U.S. 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							15165
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122891.71 E.466846.41
61.4			CL Crack Longitudinal				10			
82.3			IW Infil Weeper				11			
158.8			MGO General Observation							N1123047.32 E.466848.50
158.8			AMH Manhole							17364
158.8			FH End of Survey							

158.8 Ft Total Length Surveyed

Scores

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

Tabular Report of PSR 15165
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 12 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/30	Time 14:26	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15165.1 2115 MINNESOTA		
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 15165.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 160.1 Ft	Length Surveyed 160.1
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info SOUTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122891.71	Easting 466846.41	Elevation	
Coordinate System U.S. 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							15165
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122891.71 E.466846.41
50.1			FM Fracture Multiple				12	02		
61.8			ISSR Intruding Sealing Ring			5	07	08		
122.2			IS Infil Stain				12			
155.6			ID Infil Dripper				01			
160.1			MGO General Observation							N.1122730.92 E.466840.43
160.1			AMH Manhole							15166
160.1			FH End of Survey							

160.1 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 4	Pipe Ratings Index 4	Peak 4	Mean Pipe 0
O&M:	Pipe Rating 5	Pipe Ratings Index 1.7	Peak 3	Mean Pipe 0

Tabular Report of PSR 15303
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 13 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 7:26	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details 15303.1 1903 ILLINOIS AVE.		
Start 15302	Rim to invert 4.30	Grade to invert	Rim to grade Ft
Finish 15303	Rim to invert 3.60	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15303.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 153.4 Ft	Length Surveyed 153.4
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122719.35	Easting 467766.57	Elevation	
Coordinate System U.S. 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							15302
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122716.21 E.467613.44
16.8			FL Fracture Longitudinal				02			
30.3			TF Tap Factory	4.000			03			
36.0			TF Tap Factory	4.000			09			
53.2			FL Fracture Longitudinal				09			
62.3			FL Fracture Longitudinal				08			
69.3			TF Tap Factory	4.000			03			
75.1			TF Tap Factory	4.000			09			
89.0			FL Fracture Longitudinal				09			
97.4			FL Fracture Longitudinal				09			
98.0			FL Fracture Longitudinal				12			
107.5			FL Fracture Longitudinal				02			
109.5			JOM Joint Offset Medium							
109.5			RFJ Roots Fine Joint				J 10	02		
110.5			TF Tap Factory	4.000			03			
114.7			FL Fracture Longitudinal				02			
115.1			RFJ Roots Fine Joint				J 02			
117.5			FL Fracture Longitudinal				07			
121.4			RFJ Roots Fine Joint				J 10			
123.1			RFJ Roots Fine Joint				J 03			
126.8			RFJ Roots Fine Joint				J 12			
133.1			RFJ Roots Fine Joint				J 09	05		
134.1			TF Tap Factory	4.000			09			
147.6			TF Tap Factory	4.000			03			
152.2			MGO General Observation							CONCRETE
153.4			MGO General Observation							N.1122719.35 E.467766.57
153.4			AMH Manhole							15303
153.4			FH End of Survey							

Tabular Report of PSR 15303
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 13 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #		Date	2012/05/31	Time	7:26	Street ILLINOIS AVE	
City	MANATEE COUNTY		Further location details		15303.1 1903 ILLINOIS AVE.		
Start	15302	Rim to invert	4.30	Grade to invert		Rim to grade	Ft
Finish	15303	Rim to invert	3.60	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Up	Flow control		Media No	15303.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	153.4	Ft	Length Surveyed 153.4
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose		Cat				Pressure	
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY					Work Order	
Northing	1122719.35	Easting	467766.57	Elevation			
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

153.4 Ft **Total Length Surveyed**
Scores

Structural:	Pipe Rating 28	Pipe Ratings Index 2.8	Peak 3	Mean Pipe 0.2
O&M:	Pipe Rating 6	Pipe Ratings Index 1	Peak 1	Mean Pipe 0

Tabular Report of PSR 15306
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 14 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 9:11	Street IOWA AVE
City MANATEE COUNTY	Further location details 15306.1 1903 IOWA AVE		
Start 15307	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 15306	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15306.1
Shape Circular	Height 6	Width ins	Preclean J
Material Polyvinyl Chloride	Joint length Ft	Total length 154.6 Ft	Length Surveyed 154.6
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122562.66	Easting 467611.24	Elevation	
Coordinate System U.S. 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							15307
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122545.48 E.467611.24
28.3			TF Tap Factory	6.000				12		
33.0			TF Tap Factory	6.000				09		
72.8			TF Tap Factory	6.000				03		
74.5			TF Tap Factory	6.000				09		
115.9			TF Tap Factory	6.000				03		
117.9			TF Tap Factory	6.000				09		
149.8			TF Tap Factory	6.000				12		
154.5			MGO General Observation							N.1122562.66 E.467611.24
154.6			AMH Manhole							15306
154.6			FH End of Survey							

154.6 Ft Total Length Surveyed
Scores

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

Tabular Report of PSR 15301
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 15 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 10:24	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details 15301.1 2015 ILLINOIS AVE.		
Start 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15301	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15301.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 389.3 Ft	Length Surveyed 389.3
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122719.58	Easting 467244.33	Elevation	
Coordinate System U.S. 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							15166
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122730.92 E.466840.43
4.0			JOM Joint Offset Medium							
15.8			TF Tap Factory	6.000			03			
17.9			TF Tap Factory	6.000			09			
17.9			MGO General Observation							DIP IN LINE
50.3			TF Tap Factory	6.000			03			
52.3			TF Tap Factory	6.000			09			SAND IN CN
88.0			TF Tap Factory	6.000			03			
88.4			FL Fracture Longitudinal				10			
92.8			TF Tap Factory	6.000			09			
93.5			FL Fracture Longitudinal				10			
128.7			TF Tap Factory	6.000			03			
130.6			TF Tap Factory	6.000			09			
166.5			TF Tap Factory	6.000			03			
171.3			TF Tap Factory	6.000			09			
181.0			H Hole				08			
204.9			JOL Joint Offset Large							
206.8			TF Tap Factory	6.000			03			
210.3			JOM Joint Offset Medium							
211.9			TF Tap Factory	6.000			09			
247.3			TF Tap Factory	6.000			03			
252.4			TF Tap Factory	6.000			09			
287.9			TF Tap Factory	6.000			03			
292.8			TF Tap Factory	6.000			09			
317.6			FL Fracture Longitudinal				09			
325.5			FL Fracture Longitudinal				04			
326.4			JOM Joint Offset Medium							
328.2			TF Tap Factory	6.000			03			

Tabular Report of PSR 15301
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 15 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 10:24	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details 15301.1 2015 ILLINOIS AVE.		
Start 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15301	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15301.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 389.3 Ft	Length Surveyed 389.3
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122719.58	Easting 467244.33	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
% JntFr	To ImRef	Remarks	
333.2	TF Tap Factory	6.000	09
358.4	FL Fracture Longitudinal		04
358.8	CL Crack Longitudinal		09
361.3	FL Fracture Longitudinal		06
368.9	TF Tap Factory	6.000	03
374.1	TF Tap Factory	6.000	09
377.7	CL Crack Longitudinal		03
380.3	MMC Material change		
383.6	MMC Material change		
383.6	FL Fracture Longitudinal		03
389.3	MGO General Observation		
389.3	AMH Manhole		
389.3	FH End of Survey		

389.3 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 33	Pipe Ratings Index 2.4	Peak 3	Mean Pipe 0.1
O&M:	Pipe Rating 0	Pipe Ratings Index 0	Peak 0	Mean Pipe 0

Tabular Report of PSR 15302
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 16 Surveyor TIM
Certificate # U-307-1521
System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 11:52	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details 15302.1 1909 ILLINOIS AVE.		
Start 15301	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15302	Rim to invert 4.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15302.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 388.1 Ft	Length Surveyed 388.1
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 INITIAL CCTV SANITARY		Work Order	
Northing 1122716.21	Easting 467613.44	Elevation	
Coordinate System U.S. 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							15301
0.0			MWL Water Level			10				
2.0			MGO General Observation							N.1122719.58 E.467244.33
17.5			TF Tap Factory	6.000				03		
21.6			RFJ Roots Fine Joint				J	09		
22.8			TF Tap Factory	6.000				09		
35.9			CL Crack Longitudinal					03		
38.8			FC Fracture Circumferential					09	11	
58.3			TF Tap Factory	6.000				03		
58.6			DAZ Deposits Attached Other			5		06		REPAIR GROUT
63.6			TF Tap Factory	6.000				09		
97.7			JOM Joint Offset Medium							
99.3			TF Tap Factory	6.000				03		
104.5			TF Tap Factory	6.000				09		
123.2			CL Crack Longitudinal					09		
136.8			TF Tap Factory	6.000				03		
145.2			TF Tap Factory	6.000				09		
151.2			DAZ Deposits Attached Other			5		06		REPAIR GROUT
157.6			ISSR Intruding Sealing Ring			5		06	07	
180.6			TF Tap Factory	6.000				03		
185.7			TF Tap Factory	6.000				09		
186.3			CL Crack Longitudinal					02		
218.3			TF Tap Factory	6.000				03		
223.6			TF Tap Factory	6.000				09		
236.3			FL Fracture Longitudinal					02	0001	
242.3			FL Fracture Longitudinal					11		
248.6			FL Fracture Longitudinal					05		
258.9			TF Tap Factory	6.000				03		
262.3			JOM Joint Offset Medium							
264.3			TF Tap Factory	6.000				09		

Tabular Report of PSR 15302
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 16 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 11:52	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details 15302.1 1909 ILLINOIS AVE.		
Start 15301	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15302	Rim to invert 4.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15302.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 388.1 Ft	Length Surveyed 388.1
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122716.21	Easting 467613.44	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
% JntFr	To ImRef	Remarks	
268.1	FL Fracture Longitudinal		02
276.5	CL Crack Longitudinal		02
283.0	JOM Joint Offset Medium		
298.3	JOM Joint Offset Medium		
300.1	TF Tap Factory	6.000	03
301.0	CL Crack Longitudinal		09
303.3	JOL Joint Offset Large		
304.7	TF Tap Factory	6.000	09
317.4	FM Fracture Multiple		09 10
335.7	FL Fracture Longitudinal		10
340.4	TF Tap Factory	6.000	03
345.4	TF Tap Factory	6.000	09
346.0	CL Crack Longitudinal		09
361.3	CL Crack Longitudinal		09
370.2	JOM Joint Offset Medium		
377.9	TF Tap Factory	6.000	03
379.4	CL Crack Longitudinal		04
383.3	TF Tap Factory	6.000	09
388.1	MGO General Observation		N.1122716.21 E.467613.44
388.1	AMH Manhole		15302
388.1	FH End of Survey		

388.1 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 44	Pipe Ratings Index 2.1	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 7	Pipe Ratings Index 1.8	Peak 2	Mean Pipe 0

Tabular Report of PSR 15166
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 17 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 13:05	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details 15166.1 2115 ILLINOIS AVE		
Start 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15168	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 15166.1
Shape Circular	Height 8	Width ins	Preclean J Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length Ft	Total length 159.1 Ft	Length Surveyed 159.1
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 INITIAL CCTV SANITARY		Work Order	
Northing 1122730.92	Easting 466840.43	Elevation	
Coordinate System U.S. 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							15166
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122730.92 E.466840.43
159.1			MGO General Observation							N.1122566.95 E.466842.53
159.1			AMH Manhole							15168
159.1			FH End of Survey							

159.1 Ft Total Length Surveyed
Scores

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

Tabular Report of PSR 17794

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 18 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage	Survey Customer	TRAILER ESTATES				
P/O #	Date	2012/05/31	Time	13:40	Street	IOWA AVE
City	MANATEE COUNTY	Further location details 17794.1 2013 IOWA AVE				
Start	15168	Rim to invert	8.00	Grade to invert	Rim to grade	Ft
Finish	17794	Rim to invert	4.40	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Up	Flow control	Media No	17794.1
Shape	Circular	Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	390.0	Ft
Lining	Cured in Place	Year laid		Year rehabilitated		Weather Dry
Purpose		Cat				Pressure
Additional info	EAST			Structural	O&M	Constructional
Location	Easement/Right of Way			Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY			Work Order		
Northing	1122559.31	Easting	467224.86	Elevation		
Coordinate System	U.S. 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						15168
0.0	MWL Water Level			10			
2.6	MGO General Observation						N.1122566.95 E.466842.53
10.0	TF Tap Factory	6.000			09		
48.1	TF Tap Factory	6.000			03		
50.5	TF Tap Factory	6.000			09		
88.6	TF Tap Factory	6.000			03		
90.7	TF Tap Factory	6.000			09		
126.1	TF Tap Factory	6.000			03		
131.3	TF Tap Factory	6.000			09		
166.9	TF Tap Factory	6.000			03		
171.9	TF Tap Factory	6.000			09		
207.4	TF Tap Factory	6.000			03		
209.8	TF Tap Factory	6.000			09		
244.6	TF Tap Factory	6.000			03		NOT REINSTATED
250.4	TF Tap Factory	6.000			09		
285.6	TF Tap Factory	6.000			03		
290.9	TF Tap Factory	6.000			09		
326.8	TF Tap Factory	6.000			03		
331.6	TF Tap Factory	6.000			09		
367.2	TF Tap Factory	6.000			03		
372.3	TF Tap Factory	6.000			09		
390.0	MGO General Observation						N.1122559.31 E.467224.86
390.0	AMH Manhole						17794
390.0	FH End of Survey						

390.0 Ft Total Length Surveyed

Scores

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

Tabular Report of PSR 15307
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 19 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 14:45	Street IOWA AVE
City MANATEE COUNTY	Further location details 15307.1 1909 IOWA AVE		
Start 17794	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15307	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15307.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 388.8 Ft	Length Surveyed 388.8
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122545.48	Easting 467224.86	Elevation	
Coordinate System U.S. 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							17794
0.0			MWL Water Level			10				
2.0			MGO General Observation							N.1122566.95 E.467224.86
5.2			CL Crack Longitudinal				10			
8.1			FL Fracture Longitudinal				02			
15.6			TF Tap Factory	6.000			03			
18.2			MMC Material change							FROM VCP TO PVC
19.1			TF Tap Factory	6.000			09			
22.8			MMC Material change							FROM PVC TO VCP
55.9			TF Tap Factory	6.000			03			
61.3			TF Tap Factory	6.000			09			
74.1			IW Infil Weeper				12			
96.8			TF Tap Factory	6.000			03			
101.9			TF Tap Factory	6.000			09			
137.3			TF Tap Factory	6.000			03			
142.6			TF Tap Factory	6.000			09			
167.5			CL Crack Longitudinal				09			
178.1			TF Tap Factory	6.000			03			
183.3			TF Tap Factory	6.000			09			
219.0			TF Tap Factory	6.000			03			
223.9			TF Tap Factory	6.000			09			
256.7			TF Tap Factory	6.000			03			
257.3			FL Fracture Longitudinal				02			
262.0			TF Tap Factory	6.000			09			
286.6			RFJ Roots Fine Joint			J	09			
295.8			IW Infil Weeper				12			
295.8			RFJ Roots Fine Joint			J	12			
297.4			TF Tap Factory	6.000			03			
297.9			RFJ Roots Fine Joint			J	03			
297.9			IW Infil Weeper				12			

Tabular Report of PSR 15307
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 19 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/05/31	Time 14:45	Street IOWA AVE
City MANATEE COUNTY	Further location details 15307.1 1909 IOWA AVE		
Start 17794	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15307	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15307.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 388.8 Ft
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122545.48	Easting 467224.86	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	
Count Video	CD Code	In1	In2
%	JntFr	To	ImRef
Remarks			
300.2	MMC Material change		
301.9	TF Tap Factory	6.000	
309.5	RFJ Roots Fine Joint		J 09
315.2	ISSR Intruding Sealing Ring		5 06 08
327.2	RFJ Roots Fine Joint		J 07 12
337.9	TF Tap Factory	6.000	
343.0	TF Tap Factory	6.000	
346.3	SSS Surface Spalling		04
378.5	TF Tap Factory	6.000	
383.7	TF Tap Factory	6.000	
384.3	FM Fracture Multiple		02 06
388.8	MGO General Observation		
388.8	AMH Manhole		
388.8	FH End of Survey		

388.8 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 16	Pipe Ratings Index 2.7	Peak 4	Mean Pipe 0
O&M:	Pipe Rating 13	Pipe Ratings Index 1.4	Peak 3	Mean Pipe 0

Tabular Report of PSR 15221
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 20 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/01	Time 8:55	Street MARINA DR.
City MANATEE COUNTY	Further location details 15221.1 6706 MARINA DR		
Start 17361	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 15221	Rim to invert 2.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15221.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 233.5 Ft	Length Surveyed 233.5
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123290.37	Easting 466558.24	Elevation	
Coordinate System U.S. 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							17361
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1123056.33 E.466556.95
21.0			FL Fracture Longitudinal				06			
41.1			MMC Material change							FROM VCP TO PVC
41.1			JOM Joint Offset Medium							
43.4			TF Tap Factory	6.000			09			
45.0			MMC Material change							FROM PVC TO VCP
88.7			JOM Joint Offset Medium							
89.9			TF Tap Factory	4.000			09			
98.4			FL Fracture Longitudinal				11			
104.8			MMC Material change							FROM VCP TO PVC
105.7			TF Tap Factory	4.000			09			
107.0			MMC Material change							FROM PVC TO VCP
136.7			MMC Material change							FROM VCP TO PVC
138.1			TF Tap Factory	6.000			09			
139.8			MMC Material change							FROM PVC TO VCP
233.5			MGO General Observation							N.1123290.37 E.466558.24
233.5			AMH Manhole							15221
233.5			FH End of Survey							

233.5 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 8	Pipe Ratings Index 2	Peak 3	Mean Pipe 0
O&M:	Pipe Rating 0	Pipe Ratings Index 0	Peak 0	Mean Pipe 0

Tabular Report of PSR 15162

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 21 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/01	Time	10:53	Street MARINA DR.		
City	MANATEE COUNTY		Further location details 15162.1 6716 MARINA DR.				
Start	17361	Rim to invert	4.10	Grade to invert	Rim to grade	Ft	
Finish	15162	Rim to invert	3.00	Grade to invert	Rim to grade	Ft	
Use	Sanitary	Direction	Up	Flow control	Media No	15162.1	
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	91.6	Ft	Length Surveyed 91.6
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 INITIAL CCTV SANITARY					Work Order		
Northing		1122962.09		Easting		466558.44	
Coordinate System		U.S. STATE PLANE 1983 (NAD 1983)		Elevation			
				GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							17361
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1123056.33 E.466556.95
47.0			TF Tap Factory	4.000			03			
59.3			CC Crack Circumferential				09	10		
91.6			MGO General Observation							N.1122962.09 E.466558.44
91.6			AMH Manhole							15162
91.6			FH End of Survey							

91.6 Ft Total Length Surveyed

Scores

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

Tabular Report of PSR 15163
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 22 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/01	Time 11:49	Street MARINA DR.
City MANATEE COUNTY	Further location details 15163.1 6718 MARINA DR.		
Start 15167	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Finish 15163	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15163.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 182.1 Ft	Length Surveyed 182.1
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122919.49	Easting 466560.18	Elevation	
Coordinate System U.S. 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							15167
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122733.37 E.466552.34
17.8			FC Fracture Circumferential				12	04		
42.2			JOM Joint Offset Medium							
43.5			TF Tap Factory	4.000			09			
89.7			TF Tap Factory	4.000			09			
93.9			FC Fracture Circumferential				02	04		
101.7			FC Fracture Circumferential				08	09		
135.2			TF Tap Factory	4.000			09			ROOT BALL IN CN
151.7			FC Fracture Circumferential				09	01		
159.3			JOL Joint Offset Large							
159.4			MMC Material change							FROM VCP TO PVC
164.2			MMC Material change							FROM PVC TO VCP
168.1			RFJ Roots Fine Joint			J	03			
176.2			FM Fracture Multiple				08	10		
182.1			MGO General Observation							N.1122919.49 E.466560.18
182.1			AMH Manhole							15163
182.1			FH End of Survey							

182.1 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 15	Pipe Ratings Index 2.1	Peak 4	Mean Pipe 0.1
O&M:	Pipe Rating 1	Pipe Ratings Index 1	Peak 1	Mean Pipe 0

Tabular Report of PSR 16989

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 23 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/01	Time	12:46	Street MARINA DR.		
City	MANATEE COUNTY		Further location details 16989.1 6730 MARINA DR				
Start	15167	Rim to invert	4.90	Grade to invert	Rim to grade	Ft	
Finish	16989	Rim to invert	4.00	Grade to invert	Rim to grade	Ft	
Use	Sanitary	Direction	Up	Flow control	Media No	16989.1	
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	89.7	Ft	Length Surveyed 89.7
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 INITIAL CCTV SANITARY					Work Order		
Northing		1122640.25		Easting		466554.62	
Coordinate System		U.S. STATE PLANE 1983 (NAD 1983)		Elevation			
				GPS Accuracy			

Count	Video	CD	Code	In1	In2	%	JntFr	To	ImRef	Remarks
0.0			ST Start of Survey							
0.0			AMH Manhole							15167
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122733.37 E.466552.34
4.0			FC Fracture Circumferential				07	11		
9.4			FC Fracture Circumferential				03	05		
29.3			FC Fracture Circumferential				07	09		
45.9			SSS Surface Spalling				08			
46.7			SSS Surface Spalling				08			
46.7			TF Tap Factory	4.000			03			
71.4			MMC Material change							FROM VCP TO PVC
72.7			TF Tap Factory	6.000			12			
75.6			MMC Material change							FROM PVC TO VCP
89.7			MGO General Observation							N.1122640.25 E.466554.62
89.7			AMH Manhole							16989
89.7			FH End of Survey							

89.7 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 10	Pipe Ratings Index 2	Peak 2	Mean Pipe 0.1
O&M:	Pipe Rating 0	Pipe Ratings Index 0	Peak 0	Mean Pipe 0

Tabular Report of PSR 16988

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 24 Surveyor TIM

Certificate # U-307-1521

System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/04	Time	8:11	Street	MARINA DR.	
City	MANATEE COUNTY		Further location details 16988.1 6732 MARINA DR				
Start	15980	Rim to invert	5.00	Grade to invert	Rim to grade	Ft	
Finish	16988	Rim to invert	3.20	Grade to invert	Rim to grade	Ft	
Use	Sanitary	Direction	Up	Flow control	Media No	16988.1	
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	179.2	Ft	Length Surveyed 179.2
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 INITIAL CCTV SANITARY					Work Order		
Northing 1122593.93		Easting 466552.44		Elevation			
Coordinate System U.S. 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							15980
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122411.17/E.466550.88
3.0			MMC Material change							PVC TO VCP
34.8			CC Crack Circumferential					09 10		
43.7			TF Tap Factory	6.000				09		
89.6			TF Tap Factory	6.000				09		
135.5			TF Tap Factory	6.000				09		
179.2			MGO General Observation							N.1122593.93/E.466552.44
179.2			AMH Manhole							16988
179.2			FH End of Survey							

179.2 Ft Total Length Surveyed

Scores

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

Tabular Report of PSR 15981 X for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 25 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/04	Time	8:45	Street MARINA DR.		
City	MANATEE COUNTY		Further location details 15981.1 6810 MARINA DR				
Start	15980	Rim to invert	5.00	Grade to invert	Rim to grade	Ft	
Finish	15981	Rim to invert	3.00	Grade to invert	Rim to grade	Ft	
Use	Sanitary	Direction	Up	Flow control	Media No	15981.1	
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	50.5	Ft	Length Surveyed 50.5
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 INITIAL CCTV SANITARY					Work Order		
Northing 1122364.82		Easting 466547.34		Elevation			
Coordinate System U.S. 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							15980
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122411.17/E.466550.88
3.0			MMC Material change							PVC TO VCP
50.5			MGO General Observation							N.1122364.82/E.466547.34
50.5			AMH Manhole							15981
50.5			FH End of Survey							

50.5 Ft Total Length Surveyed

Scores

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

Tabular Report of PSR 15222
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 26 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/04	Time 9:44	Street OHIO AVE
City MANATEE COUNTY	Further location details 15222.1 2209 OHIO AVE		
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 15222	Rim to invert 4.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15222.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 246.3 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123222.21	Easting 466600.13	Elevation	
Coordinate System U.S. 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							16523
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1123207.12/E.466851.73
1.0			FC Fracture Circumferential				12	12		
1.0			IR Infil Runner				12			FROM FRACTURE
7.5			MGO General Observation							DIP IN LINE
18.5			IW Infil Weeper				09			
22.5			IW Infil Weeper				10			
34.7			IR Infil Runner				04			
43.9			TF Tap Factory	4.000			09			
59.1			CC Crack Circumferential				07	09		
66.3			MGO General Observation							DIP IN LINE
67.1			MMC Material change							VCP YO PVC
68.7			MMC Material change							PVC TO VCP
76.8			JOM Joint Offset Medium							
77.1			CL Crack Longitudinal				03			
78.0			TF Tap Factory	6.000			03			
82.4			MMC Material change							VCP TO PVC
84.2			TF Tap Factory	6.000			12			
86.6			MMC Material change							PVC TO VCP
115.9			TF Tap Factory	4.000			10			
125.6			TF Tap Factory	4.000			03			
162.3			JOM Joint Offset Medium							
163.5			TF Tap Factory	4.000			10			
172.9			TF Tap Factory	4.000			03			
193.6			JOM Joint Offset Medium							
206.7			TF Tap Factory	4.000			09			
240.6			TF Tap Factory	4.000			03			
241.8			MMC Material change							VCP TO PVC
246.3			MGO General Observation							N.1123222.21/E.466600.13

Tabular Report of PSR 15222
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 26 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/04	Time	9:44	Street OHIO AVE		
City	MANATEE COUNTY		Further location details 15222.1 2209 OHIO AVE				
Start	16523	Rim to invert	8.00	Grade to invert	Rim to grade	Ft	
Finish	15222	Rim to invert	4.00	Grade to invert	Rim to grade	Ft	
Use	Sanitary	Direction	Up	Flow control		Media No	15222.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	246.3	Ft	Length Surveyed 246.3
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 INITIAL CCTV SANITARY				Work Order			
Northing	1123222.21	Easting	466600.13	Elevation			
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy			
Count Video	CD Code	In1	In2	% JntFr	To	ImRef	Remarks
246.3	AMH	Manhole					15222
246.3	FH	End of Survey					

246.3 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 8	Pipe Ratings Index 1.3	Peak 2	Mean Pipe 0
O&M:	Pipe Rating 12	Pipe Ratings Index 3	Peak 4	Mean Pipe 0

Tabular Report of PSR 15164
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 27 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/04	Time 11:41	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15164.1 2209 MINNESOTA AVE		
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15164	Rim to invert 4.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 15164.1
Shape Circular	Height 6	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 245.3 Ft	Length Surveyed 245.3
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122894.07	Easting 466596.11	Elevation	
Coordinate System U.S. 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							15165
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122891.71/E.466846.41
1.0			FC Fracture Circumferential				12	12		
3.0			MGO General Observation							DIP IN LINE
48.0			TF Tap Factory	4.000			09			
66.3			MMC Material change							VCP TO PVC
69.1			MMC Material change							PVC TP VCP
77.1			IR Infil Runner				02			
86.0			TF Tap Factory	4.000			03			
103.2			FM Fracture Multiple				12	03		
106.0			MMC Material change							VCP TO PVC
111.8			TF Tap Factory	6.000			09			
113.9			MMC Material change							PVC TO VCP
129.8			TF Tap Factory	4.000			03			
154.2			RPP Repair Patch				12	12		REAIR PATCH
155.8			MGO General Observation							LARGE DIP IN PIPE
160.4			JSL Joint Separated Large							
177.5			TF Tap Factory	4.000			03			
207.4			TF Tap Factory	4.000			09			
241.2			TF Tap Factory	4.000			03			
244.7			DAZ Deposits Attached Other			15	06			EPOXY FROM MANHOLE LINING
245.3			MGO General Observation							N.1122894.07/E.466596.11
245.3			AMH Manhole							15164
245.3			FH End of Survey							

245.3 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 8	Pipe Ratings Index 2	Peak 4	Mean Pipe 0
O&M:	Pipe Rating 7	Pipe Ratings Index 3.5	Peak 4	Mean Pipe 0

Tabular Report of PSR 16987

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 28 Surveyor TIM

Certificate # U-307-1521

System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES	
P/O #	Date	2012/06/04	Time	13:02	Street IOWA AVE
City	MANATEE COUNTY		Further location details 16987.1 2209 IOWA AVE		
Start	15168	Rim to invert	8.00	Grade to invert	Rim to grade Ft
Finish	16987	Rim to invert	3.90	Grade to invert	Rim to grade Ft
Use	Sanitary	Direction	Up	Flow control	Media No 16987.1
Shape	Circular	Height	6	Width ins	Preclean J Year Cleaned 2012/06/04
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	246.0 Ft Length Surveyed 246.0
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 INITIAL CCTV SANITARY				Work Order	
Northing 1122569.07		Easting 466586.80		Elevation	
Coordinate System U.S. 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 15168
0.0	MWL			10				Water Level
0.0	MGO							General Observation N.1122566.95/E.466842.53
0.0	BSV				12	12		Broken Soil Visible
0.0	IR				07			Infil Runner
3.0	MGO							General Observation DIP IN LINE
7.5	MCU							Camera Underwater
9.5	MMC							Material change VCP TO PVC
14.5	MMC							Material change PVC TO VCP
18.2	ID				04			Infil Dripper
43.5	TF	4.000			09			Tap Factory
48.0	IG				06			Infil Gusher SAND BOIL
64.3	FL				12			Fracture Longitudinal
72.3	SSS				03			Surface Spalling
77.4	TF	4.000			03			Tap Factory
78.7	MMC							Material change VCP TO PVC
79.8	TF	6.000			12			Tap Factory
80.8	MMC							Material change PVC TO VCP
106.3	RFJ				J 03			Roots Fine Joint
115.2	TF	4.000			09			Tap Factory
115.2	RFC				09			Roots Fine Connection
124.9	TF	4.000			03			Tap Factory
162.7	TF	4.000			09			Tap Factory
170.2	TF	4.000			03			Tap Factory
174.0	MMC							Material change VCP TO PVC
175.9	TF	6.000			02			Tap Factory
177.0	MMC							Material change PVC TO VCP
209.9	TF	4.000			09			Tap Factory
242.6	RFJ				J 03			Roots Fine Joint
243.5	TF	4.000			03			Tap Factory

Tabular Report of PSR 16987
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 28 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES			
P/O #		Date	2012/06/04	Time	13:02	Street	IOWA AVE
City	MANATEE COUNTY	Further location details 16987.1 2209 IOWA AVE					
Start	15168	Rim to invert	8.00	Grade to invert		Rim to grade	Ft
Finish	16987	Rim to invert	3.90	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Up	Flow control		Media No	16987.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/06/04
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	246.0	Ft	Length Surveyed 246.0
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose		Cat				Pressure	
Additional info WEST				Structural Miscellaneous O&M Hydraulic Constructional			
Location Easement/Right of Way				Work Order			
Project INITIAL CCTV SANITARY							
Northing	1122569.07	Easting	466586.80	Elevation			
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy			
Count Video	CD Code		In1	In2	% JntFr	To ImRef	Remarks
246.0		MGO General Observation					N.1122569.07/E.466586.80
246.0		AMH Manhole					16987
246.0		FH End of Survey					

246.0 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 10	Pipe Ratings Index 3.3	Peak 5	Mean Pipe 0
O&M:	Pipe Rating 19	Pipe Ratings Index 2.7	Peak 5	Mean Pipe 0.1

Tabular Report of PSR 17361
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 29 Surveyor TIM
Certificate # U-307-1521
System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/04	Time 14:41	Street MARINA DR
City MANATEE COUNTY	Further location details 17361.1 6712 MARINA DR		
Start 17361	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 17364	Rim to invert 7.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 17361.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 287.5 Ft	Length Surveyed 287.5
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123056.33	Easting 466556.95	Elevation	
Coordinate System U.S. 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							17361
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1123056.33/E.466556.95
41.8			TFD Tap Factory Defective	4.000			09			MULTIPLE FRACTURE INSIDE TAP
77.7			TF Tap Factory	6.000			03			
97.5			RFJ Roots Fine Joint				J 09			
114.1			TF Tap Factory	6.000			09			
122.3			TF Tap Factory	6.000			03			
159.9			MMC Material change							VCP TO PVC
162.2			TF Tap Factory	6.000			09			
163.4			MMC Material change							PVC TO VCP
170.0			TF Tap Factory	6.000			03			
206.4			TF Tap Factory	6.000			09			
239.3			TF Tap Factory	6.000			03			
260.8			ID Infil Dripper				12			
281.0			JOM Joint Offset Medium							
281.5			FL Fracture Longitudinal				07			
285.5			MGO General Observation							N1123047.32/E.466848.50
287.5			AMH Manhole							17364
287.5			FH End of Survey							

287.5 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 4	Pipe Ratings Index 2	Peak 3	Mean Pipe 0
O&M:	Pipe Rating 6	Pipe Ratings Index 2	Peak 3	Mean Pipe 0

Tabular Report of PSR 15167
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 30 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/04	Time 15:14	Street MARINA DR
City MANATEE COUNTY	Further location details 15167.1 6728 MARINA DR		
Start 15167	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Finish 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 15167.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 287.4 Ft	Length Surveyed 287.4
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122733.37	Easting 466552.34	Elevation	
Coordinate System U.S. 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							15167
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122733.37/E.466552.34
42.8			TF Tap Factory	6.000			09			
78.6			TF Tap Factory	6.000			03			
88.8			FL Fracture Longitudinal				10			
104.4			RFJ Roots Fine Joint				J 08			
114.5			TF Tap Factory	6.000			09			
122.7			TF Tap Factory	6.000			03			
130.1			RFJ Roots Fine Joint				J 09			
136.4			RFJ Roots Fine Joint				J 08			
161.8			TF Tap Factory	6.000			09			
163.1			RFJ Roots Fine Joint				J 01			
170.0			TF Tap Factory	6.000			02			
174.3			RFJ Roots Fine Joint				J 08			
180.5			RFJ Roots Fine Joint				J 12	12		
189.9			ID Infil Dripper				08			
195.9			ID Infil Dripper				12			
209.2			TF Tap Factory	6.000			09			
226.0			IR Infil Runner				03			
239.0			TF Tap Factory	6.000			03			
240.3			IR Infil Runner				02			
271.5			IR Infil Runner				11			
283.5			FC Fracture Circumferential				12	12		
283.5			ID Infil Dripper				11			
285.4			MGO General Observation							N.112273092/E.466840.43
287.4			AMH Manhole							15166
287.4			FH End of Survey							

287.4 Ft Total Length Surveyed

Tabular Report of PSR 15167
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 30 **Surveyor** TIM **Certificate #** U-307-1521 **System Owner** TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/04	Time 15:14	Street MARINA DR
City MANATEE COUNTY	Further location details 15167.1 6728 MARINA DR		
Start 15167	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Finish 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 15167.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length	Ft	Total length 287.4 Ft
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122733.37	Easting 466552.34	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

Scores

Structural:	Pipe Rating 5	Pipe Ratings Index 2.5	Peak 3	Mean Pipe 0
O&M:	Pipe Rating 27	Pipe Ratings Index 2.3	Peak 4	Mean Pipe 0.1

Tabular Report of PSR 15980

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 31 Surveyor TIM

Certificate # U-307-1521

System Owner TRAILER ESTATES

Drainage	Survey Customer	TRAILER ESTATES				
P/O #	Date	2012/06/04	Time	16:06	Street	MARINA DR
City	MANATEE COUNTY	Further location details 15980.1 6806 MARINA DR				
Start	15980	Rim to invert	5.00	Grade to invert	Rim to grade	Ft
Finish	15564	Rim to invert	6.80	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Down	Flow control	Media No	15980.1
Shape	Circular	Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	286.4	Ft
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 INITIAL CCTV SANITARY				Work Order		
Northing 1122411.17		Easting 466550.88		Elevation		
Coordinate System U.S. 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							15980
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122411.17/E.466550.88
40.1			TF Tap Factory	6.000			09			
78.0			TF Tap Factory	6.000			03			
112.5			TF Tap Factory	6.000			09			
123.8			TF Tap Factory	6.000			03			
155.7			ID Infil Dripper				12			
162.7			TF Tap Factory	6.000			09			
168.0			TF Tap Factory	6.000			03			
210.2			TF Tap Factory	6.000			09			
239.6			IG Infil Gusher				05			W/ SAND AND WATER INFIL
240.5			TF Tap Factory	6.000			03			
244.8			IR Infil Runner				04			
248.1			DAZ Deposits Attached Other			5	06			GROUT
263.0			IW Infil Weeper				12			
284.2			FC Fracture Circumferential				12	12		W/ SOIL VISIBLE
284.2			IR Infil Runner				07			
286.4			MGO General Observation							N.1122409.13/E.466833.43
286.4			AMH Manhole							15564
286.4			FH End of Survey							

286.4 Ft Total Length Surveyed

Scores

Structural:	Pipe Rating 2	Pipe Ratings Index 2	Peak 2	Mean Pipe 0
O&M:	Pipe Rating 20	Pipe Ratings Index 3.3	Peak 5	Mean Pipe 0.1

Tabular Report of PSR 15168

X

for TRAILER ESTATES INITIAL CCTV SANITARY

Setup 32 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage	Survey Customer TRAILER ESTATES					
P/O #	Date	2012/06/05	Time	9:17	Street	MARINA DR
City	MANATEE COUNTY		Further location details 15168.1 2115 IOWA AVE.			
Start	15564	Rim to invert	6.80	Grade to invert	Rim to grade	Ft
Finish	15168	Rim to invert	8.00	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Up	Flow control	Media No	15168.1
Shape	Circular	Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	159.4	Ft
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 INITIAL CCTV SANITARY				Work Order		
Northing 1122566.95		Easting 466842.53		Elevation		
Coordinate System U.S. 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							15564
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122409.13 E.466833.43
67.8			DAZ Deposits Attached Other			5	06			REPAIR GROUT
159.4			MGO General Observation							N.1122566 E.466842.53
159.4			AMH Manhole							15168
159.4			FH End of Survey							

159.4 Ft Total Length Surveyed

Scores

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

Tabular Report of PSR 15564.1
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 33 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/05	Time 10:32	Street MARINA DR
City MANATEE COUNTY	Further location details 15564.1 2116 IOPWA AVE		
Start 15564	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 17797	Rim to invert 7.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Down	Flow control	Media No 15564.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 340.1 Ft	Length Surveyed 340.1
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info EAST		Structural O&M Constructional	
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122409.13	Easting 466833.43	Elevation	
Coordinate System U.S. 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							155646.8
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122409.13 E.466833.43
9.1			TF Tap Factory	6.000			03			
14.6			TF Tap Factory	6.000			09			
56.8			TF Tap Factory	6.000			09			
96.2			TF Tap Factory	6.000			09			
96.2			IR Infil Runner				11			FROM BEHIND LINER
135.7			TF Tap Factory	6.000			09			
177.9			TF Tap Factory	6.000			09			
217.2			TF Tap Factory	6.000			09			
256.4			TF Tap Factory	6.000			09			
295.5			TF Tap Factory	6.000			09			
299.7			MGO General Observation							DIP IN LINE
335.0			TF Tap Factory	6.000			09			
335.0			MGO General Observation							DIP IN LINE
340.1			MGO General Observation							N.1122401.64 E.467176.13
340.1			AMH Manhole							17797
340.1			FH End of Survey							

340.1 Ft Total Length Surveyed
Scores

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

Tabular Report of PSR 17797
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 34 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer TRAILER ESTATES	
P/O #	Date 2012/06/05	Time 13:25	Street IOWA AVE
City MANATEE COUNTY	Further location details 17797.1 2016 IOWA AVE		
Start 17796	Rim to invert 10.00	Grade to invert	Rim to grade Ft
Finish 17797	Rim to invert 7.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 17797.1
Shape Circular	Height 8	Width ins	Preclean J
Material Vitrified Clay Pipe	Joint length Ft	Total length 329.5 Ft	Length Surveyed 329.5
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat	Pressure	
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122401.64	Easting 467176.13	Elevation	
Coordinate System U.S. 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							17796
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122397.25/E.467505.04
4.0			MGO General Observation							DIP IN LINE
17.9			TF Tap Factory	6.000			02			
54.0			TFD Tap Factory Defective	6.000			02			ACTIVE INFIL
93.0			TF Tap Factory	6.000			02			
132.4			TF Tap Factory	6.000			02			
174.5			TF Tap Factory	6.000			02			
174.5			IR Infil Runner				03			COMING FROM BEHIND LINER
213.8			TFD Tap Factory Defective	6.000			02			ACTIVE INFIL
221.5			MGO General Observation							DIP IN LINE
252.9			TF Tap Factory	6.000			02			
252.9			IR Infil Runner				03			COMING FROM BEHIND LINER
292.5			TF Tap Factory	6.000			02			
329.5			MGO General Observation							N.1122401.64/E.467176.13
329.5			AMH Manhole							17797
329.5			FH End of Survey							

329.5 Ft Total Length Surveyed
Scores

Structural:	Pipe Rating 0	Pipe Ratings Index 0	Peak 0	Mean Pipe 0
O&M:	Pipe Rating 12	Pipe Ratings Index 3	Peak 4	Mean Pipe 0

Tabular Report of PSR 17795
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 35 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES	
P/O #	Date	2012/06/05	Time	14:55	Street IOWA AVE
City	MANATEE COUNTY	Further location details 17795.1 1818 IOWA AVE			
Start 17796	Rim to invert	10.00	Grade to invert	Rim to grade	Ft
Finish 17795	Rim to invert	6.80	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction	Up	Flow control	Plugged	Media No 17795.1
Shape Circular	Height 8	Width	ins	Preclean J	Year Cleaned 2012/06/05
Material Vitrified Clay Pipe	Joint length	Ft	Total length 333.0	Ft	Length Surveyed 333.0
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 INITIAL CCTV SANITARY			Work Order		
Northing 1122390.00	Easting 467834.17	Elevation			
Coordinate System U.S. 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							17796
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122397.25/E.467505.04
17.0			TF Tap Factory	6.000			02			
26.2			TF Tap Factory	6.000			10			
56.8			TF Tap Factory	6.000			02			
65.8			TF Tap Factory	6.000			10			
81.9			FL Fracture Longitudinal				07			
96.1			TFD Tap Factory Defective	6.000			02			ACTIVE INFIL
105.3			TF Tap Factory	6.000			10			
135.1			TF Tap Factory	6.000			02			
144.5			TF Tap Factory	6.000			10			
177.5			TF Tap Factory	6.000			02			
184.2			ID Infil Dripper				12			
186.5			TF Tap Factory	6.000			10			
216.3			MMC Material change							VCP TO PVC
217.6			TF Tap Factory	6.000			12			
219.5			MMC Material change							PVC TO VCP
226.1			TF Tap Factory	6.000			10			
245.1			ID Infil Dripper				12			
253.8			MMC Material change							VCP TO PVC
255.5			TF Tap Factory	6.000			12			
257.7			MMC Material change							PVC TO VCP
287.4			JOM Joint Offset Medium							
329.8			FC Fracture Circumferential				12	12		
333.0			MGO General Observation							N.1122390.00/E.467834.17
333.0			AMH Manhole							17795
333.0			FH End of Survey							

333.0 Ft Total Length Surveyed

Tabular Report of PSR 17795
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 35 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

Drainage		Survey Customer		TRAILER ESTATES		
P/O #	Date	2012/06/05	Time	14:55	Street	IOWA AVE
City	MANATEE COUNTY	Further location details 17795.1 1818 IOWA AVE				
Start	17796	Rim to invert	10.00	Grade to invert	Rim to grade	Ft
Finish	17795	Rim to invert	6.80	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Up	Flow control	Plugged	Media No 17795.1
Shape	Circular	Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	333.0	Ft
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 INITIAL CCTV SANITARY				Work Order		
Northing	1122390.00	Easting	467834.17	Elevation		
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

Scores

Structural:	Pipe Rating 6	Pipe Ratings Index 2	Peak 3	Mean Pipe 0
O&M:	Pipe Rating 8	Pipe Ratings Index 2.7	Peak 3	Mean Pipe 0

Tabular Report of PSR 17796
X
for TRAILER ESTATES INITIAL CCTV SANITARY
Setup 36 Surveyor TIM Certificate # U-307-1521 System Owner TRAILER ESTATES

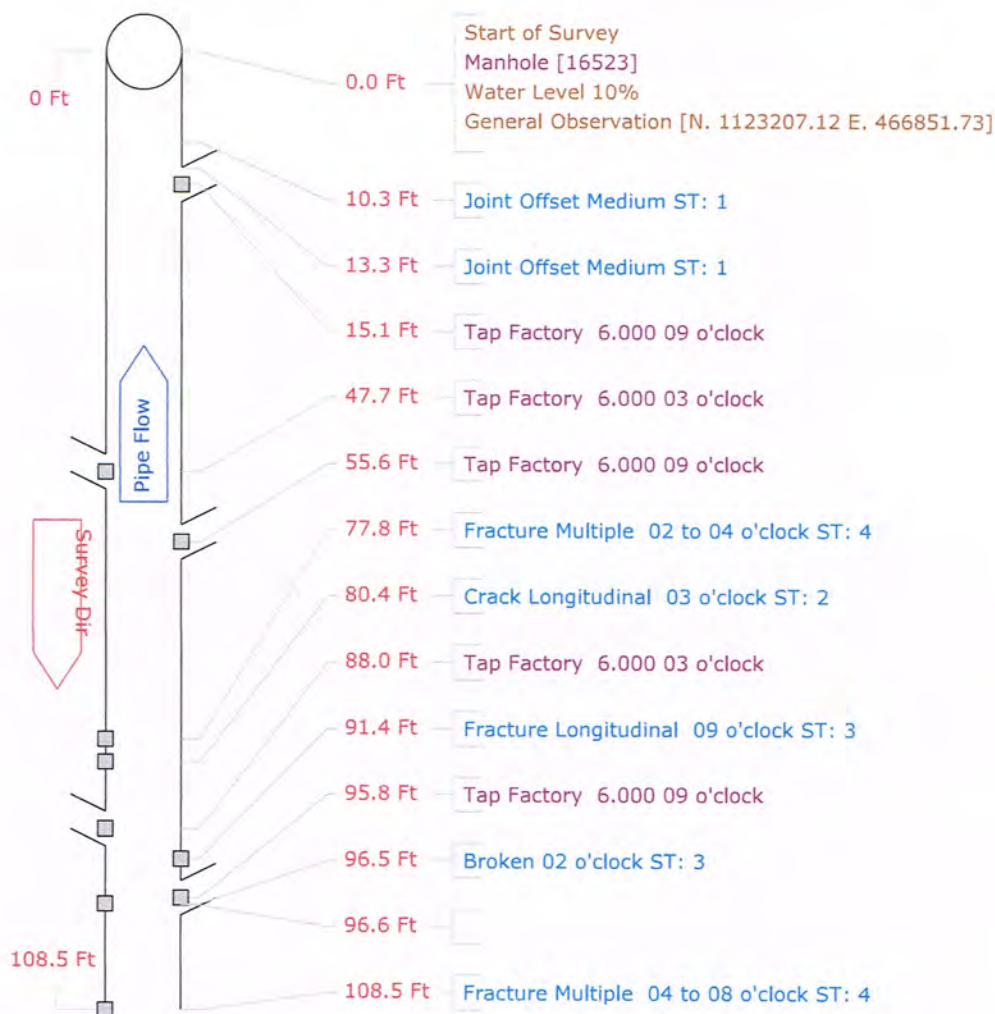
Drainage		Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/05	Time	15:53	Street	IOWA AVE	
City	MANATEE COUNTY		Further location details 17796.1 1916 IOWA AVE				
Start	17796	Rim to invert	10.00	Grade to invert	Rim to grade	Ft	
Finish	15156	Rim to invert	12.00	Grade to invert	Rim to grade	Ft	
Use	Sanitary	Direction	Down	Flow control	Plugged	Media No	17796.1
Shape	Circular	Height	10	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	260.6	Ft	Length Surveyed 260.6
Lining	Cured in Place	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 INITIAL CCTV SANITARY							
Northing	1122397.64	Easting	467505.04	Elevation			
Coordinate System U.S. 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							17796
0.0			MWL Water Level			10				
0.0			MGO General Observation							N.1122397.64/E.467505.04
169.9			RPR Repair Point							POINT REPAIR
174.7			MGO General Observation							END POINT REPAIR
187.5			RPR Repair Point							POINT REPAIR
191.8			MGO General Observation							END OF POINT REPAIR
259.1			IR Infil Runner				12			COMING IN AROUND LINER
260.6			MGO General Observation							N.1122132.65/E.467497.09
260.6			AMH Manhole							15156
260.6			FH End of Survey							

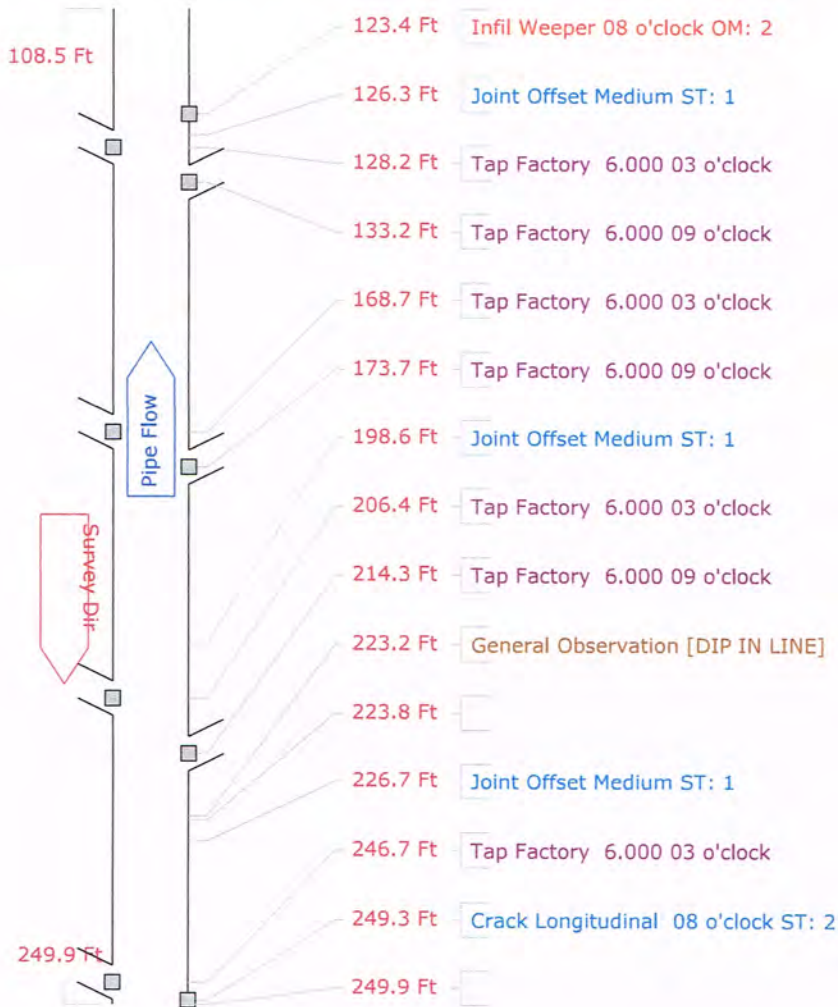
260.6 Ft Total Length Surveyed
Scores

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

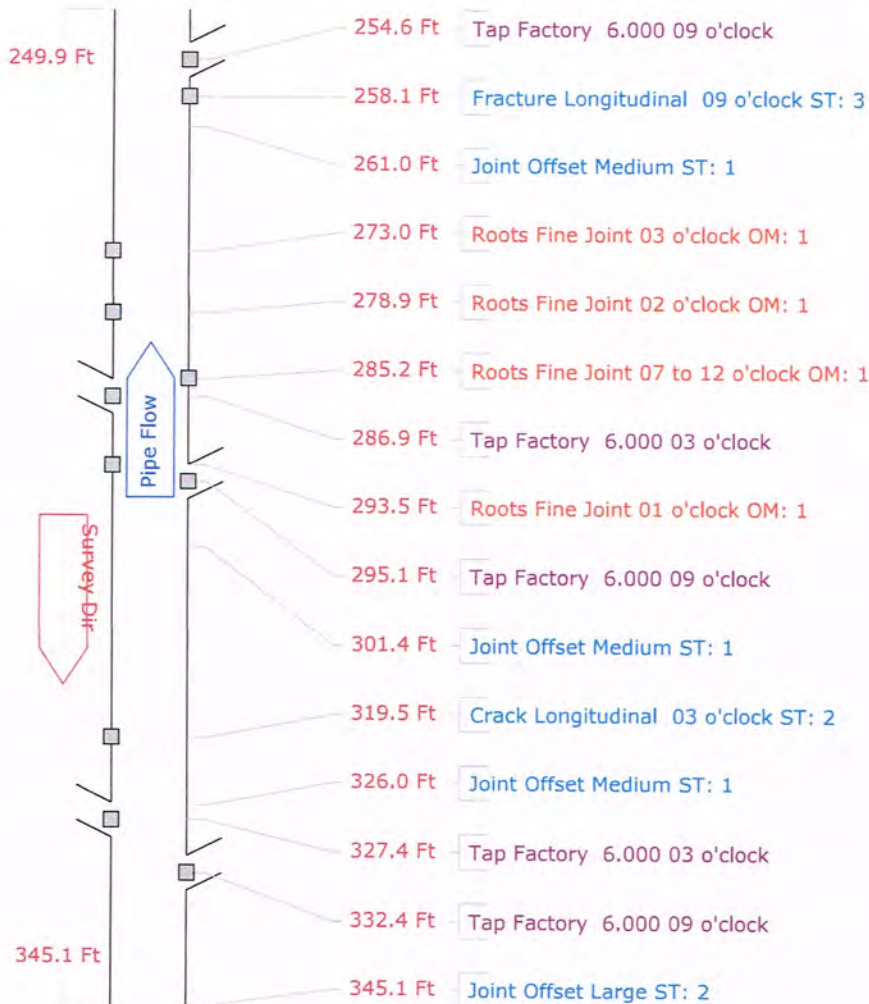
Setup 1	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES			
P/O #	Date 2012/05/22	Time 8:02	Street OHIO AVE.		
City	MANATEE COUNTY	Further location details 16913.1 2013 OHIO AVE.			
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade	Ft	
Finish 16913	Rim to invert 4.20	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Upstream	Flow control	Media No	16913.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned	2012/05/22
Material Vitrified Clay Pipe	Joint length	Ft	Total length 388.8	Ft	Length Surveyed 388.80
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat				
Additional info EAST			Structural O&M Constructional		
Location Easement/Right of Way			Miscellaneous Hydraulic		
Project INITIAL CCTV SANITARY			Work Order		
Northing 1123179.18		Easting 467241.55		Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy		



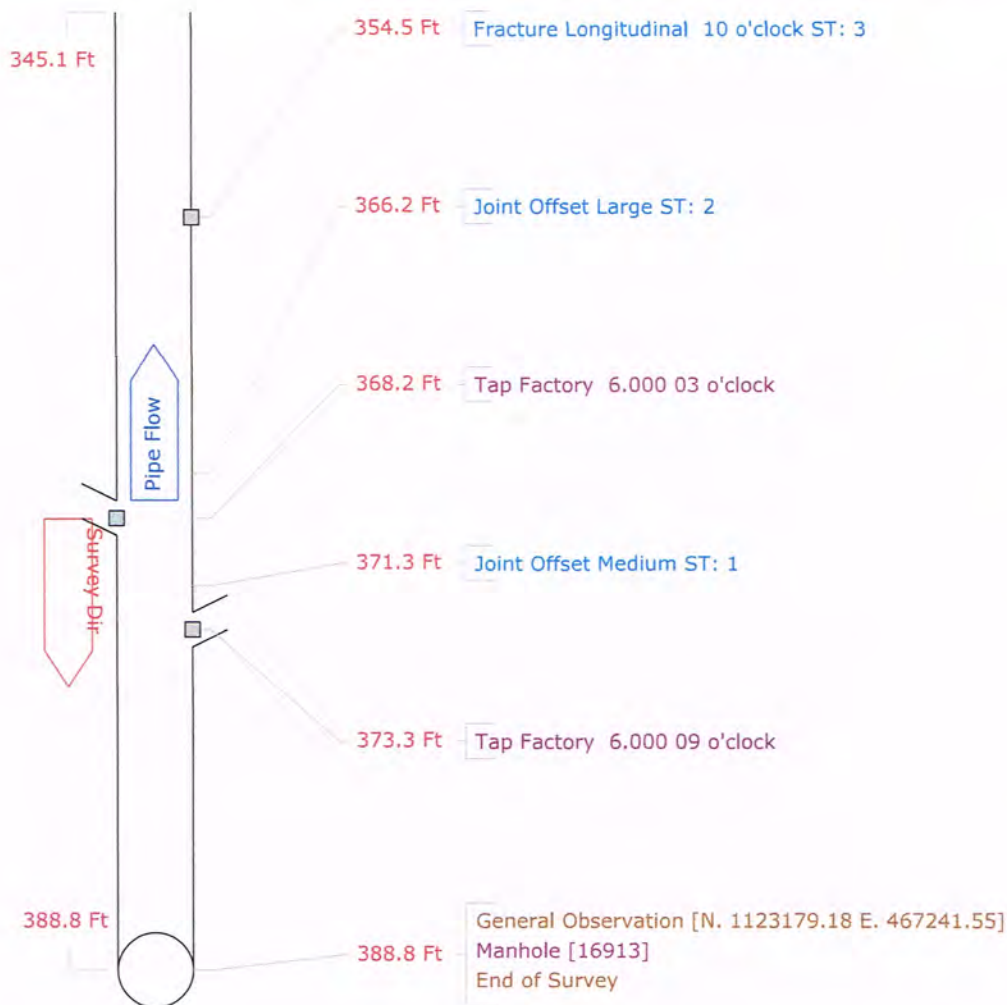
Setup 1	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES			
P/O #	Date 2012/05/22	Time 8:02	Street OHIO AVE.		
City	MANATEE COUNTY	Further location details 16913.1 2013 OHIO AVE.			
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade	Ft	
Finish 16913	Rim to invert 4.20	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Upstream	Flow control	Media No	16913.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned	2012/05/22
Material Vitrified Clay Pipe	Joint length	Ft	Total length 388.8	Ft	Length Surveyed 388.80
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat				
Additional info EAST			Structural O&M Constructional Miscellaneous Hydraulic		
Location Easement/Right of Way			Work Order		
Project INITIAL CCTV SANITARY					
Northing 1123179.18	Easting 467241.55	Elevation			
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy			



Setup 1	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/22	Time 8:02	Street OHIO AVE.
City MANATEE COUNTY	Further location details	16913.1 2013 OHIO AVE.	
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 16913	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 16913.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/22
Material Vitrified Clay Pipe	Joint length	Ft Total length 388.8	Ft Length Surveyed 388.80
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1123179.18	Easting 467241.55	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



Setup 1	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES				
P/O #	Date	2012/05/22	Time	8:02	Street	OHIO AVE.
City	MANATEE COUNTY	Further location details	16913.1	2013 OHIO AVE.		
Start	16523	Rim to invert	8.00	Grade to invert	Rim to grade	Ft
Finish	16913	Rim to invert	4.20	Grade to invert	Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control	Media No	16913.1
Shape	Circular	Height	8	Width	ins	Preclean J
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	388.8	Ft
Lining		Year laid		Year rehabilitated	Weather	Dry
Purpose				Cat		
Additional info	EAST				Structural	O&M
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY				Constructional	
Northing	1123179.18	Easting	467241.55	Elevation	Work Order	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy		

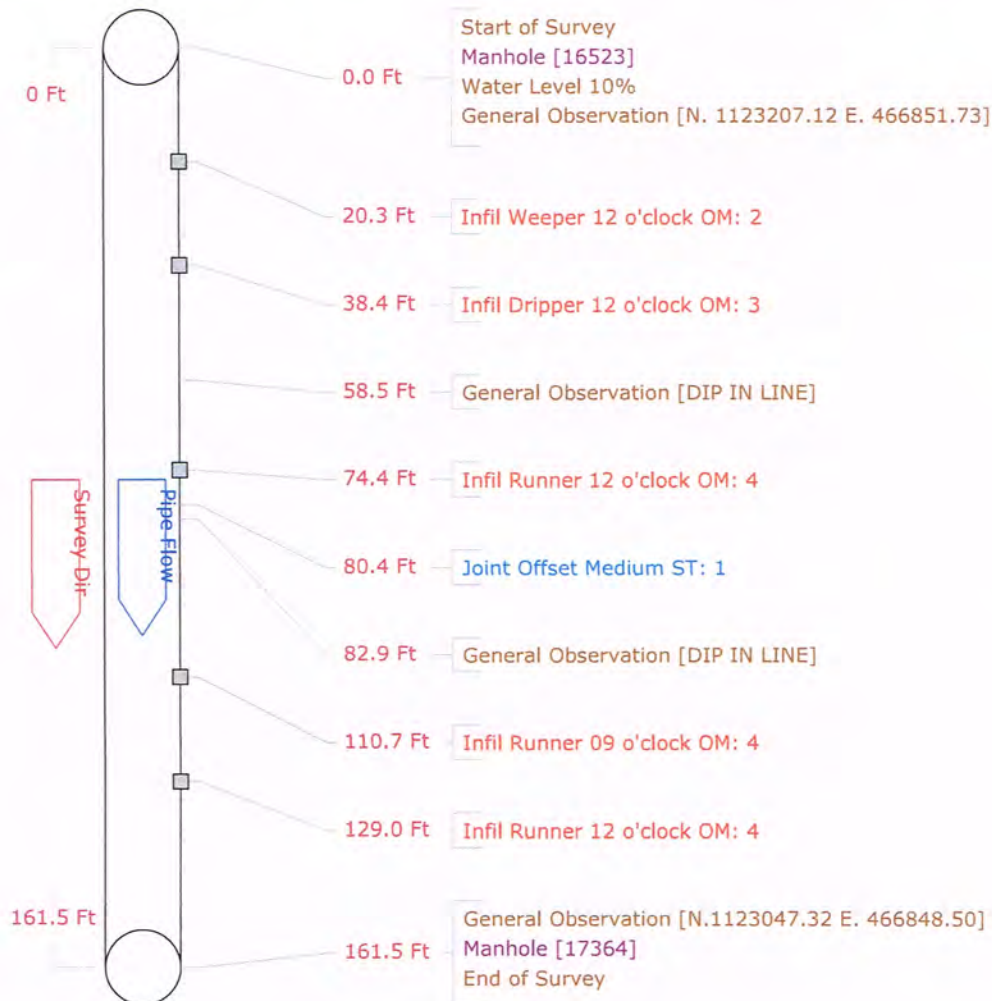


Pipe Graphic Report of PSR 16523

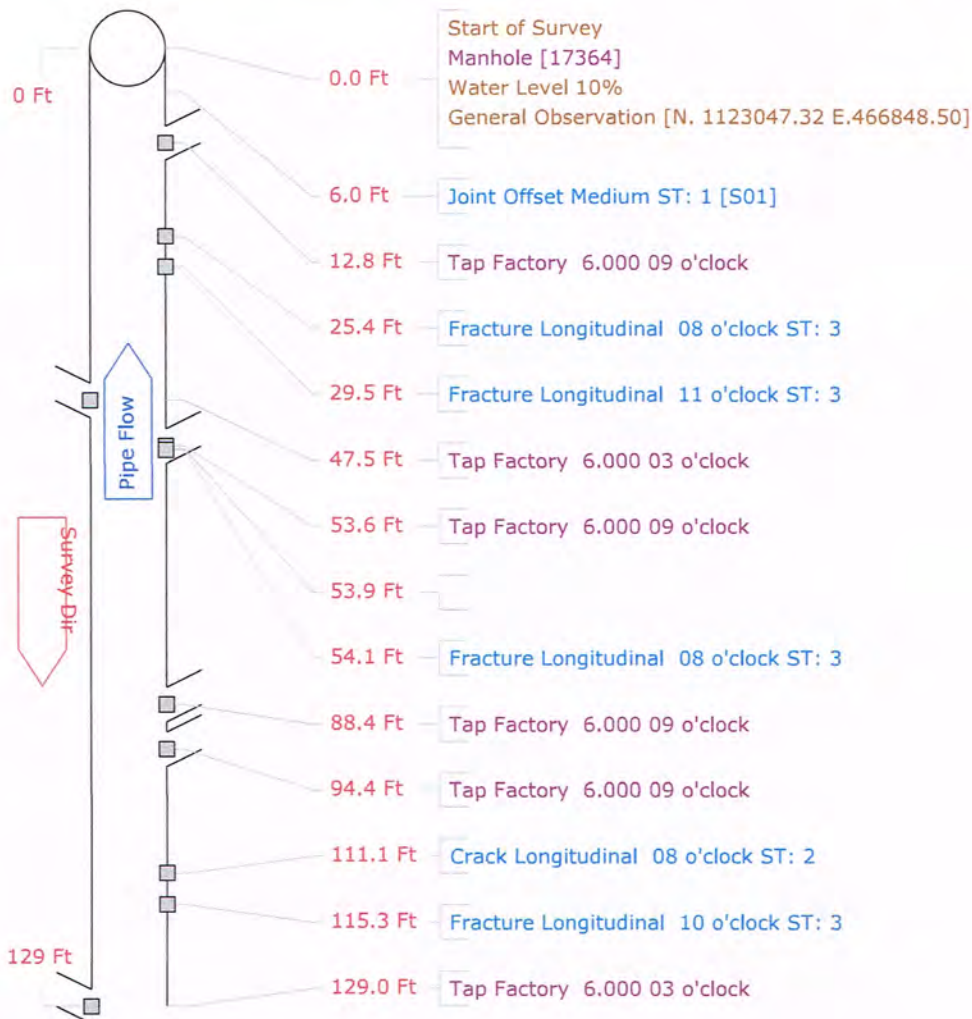
X

for TRAILER ESTATES INITIAL CCTV SANIT

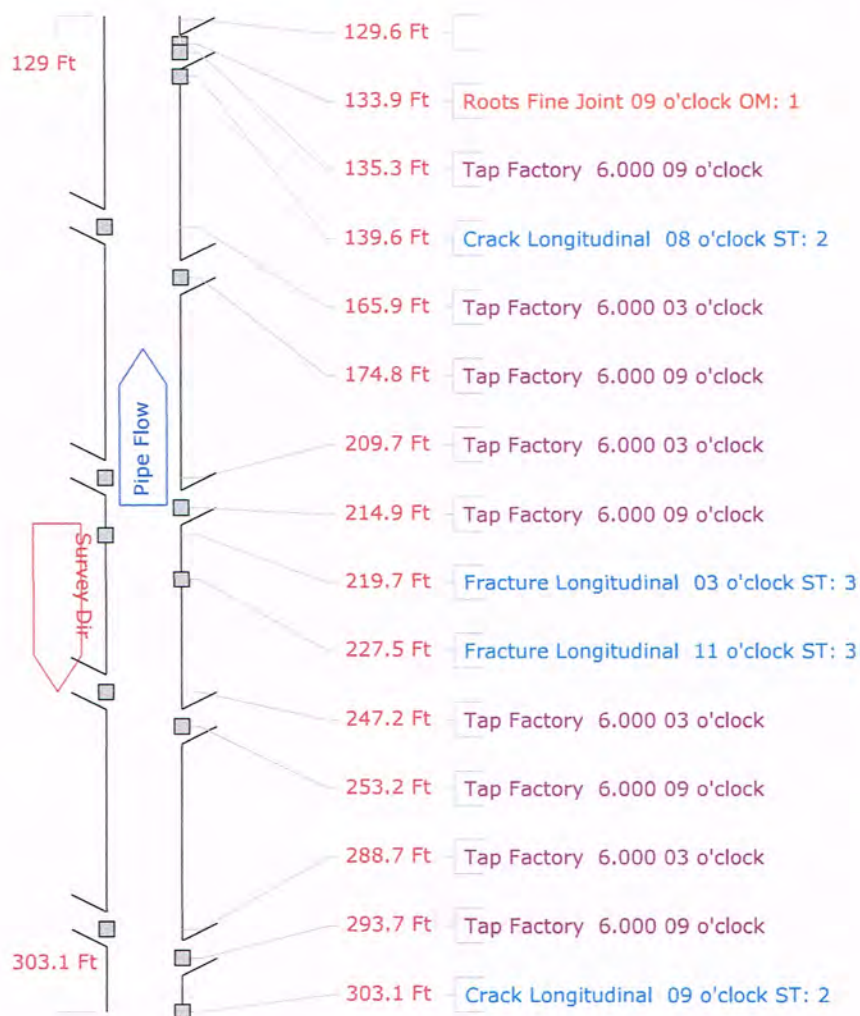
Setup 2	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES			
P/O #	Date 2012/05/22	Time 11:21	Street OHIO AVE.		
City	MANATEE COUNTY	Further location details	16523.1 2115 OHIO AVE.		
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade	Ft	
Finish 17364	Rim to invert 7.80	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Downstream	Flow control	Media No	16523.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned	2012/05/22
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					
Location Easement/Right of Way					
Project INITIAL CCTV SANITARY					
Northing 1123207.12	Easting 466851.73	Elevation			
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy			



Setup 3	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES			
P/O #	Date 2012/05/22	Time 12:14	Street	INDIANA AVE.	
City	MANATEE COUNTY	Further location details 17365.1 2013 INDIANA AVE.			
Start 17364	Rim to invert 7.80	Grade to invert	Rim to grade	Ft	
Finish 17365	Rim to invert 4.60	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Upstream	Flow control	Media No	17365.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned	2012/05/22
Material Vitrified Clay Pipe	Joint length	Ft	Total length 390.0	Ft	Length Surveyed 390.10
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose	Cat				
Additional info	EAST	StructuralO&MConstructional			
Location	Easement/Right of Way	MiscellaneousHydraulic			
Project	INITIAL CCTV SANITARY	Work Order			
Northing 1123046.43	Easting 467238.66	Elevation			
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)	GPS Accuracy			



Setup 3	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES			
P/O #	Date 2012/05/22	Time 12:14	Street	INDIANA AVE.	
City	MANATEE COUNTY	Further location details	17365.1 2013 INDIANA AVE.		
Start 17364	Rim to invert 7.80	Grade to invert	Rim to grade	Ft	
Finish 17365	Rim to invert 4.60	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Upstream	Flow control	Media No	17365.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned 2012/05/22	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 390.0	Ft	Length Surveyed 390.10
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose		Cat			
Additional info	EAST				
Location	Easement/Right of Way				
Project	INITIAL CCTV SANITARY				
Northing	1123046.43	Easting	467238.66	Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy	

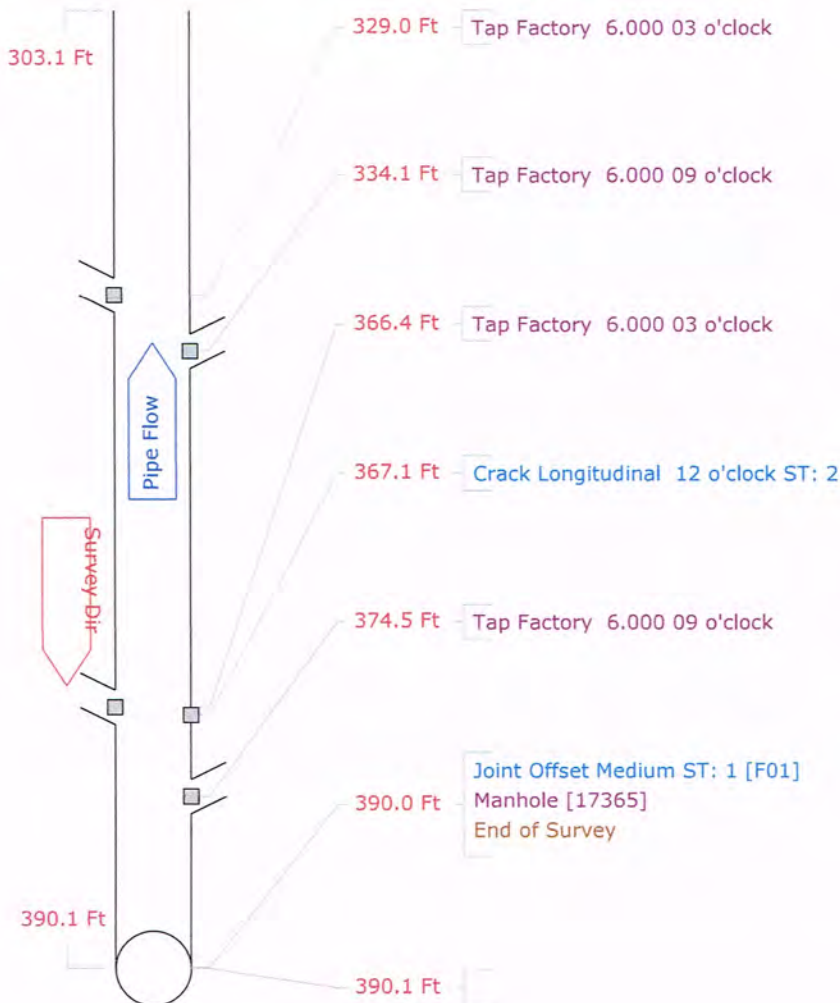


Pipe Graphic Report of PSR 17365

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 3	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/05/22	Time	12:14	Street	INDIANA AVE.
City	MANATEE COUNTY		Further location details		17365.1 2013 INDIANA AVE.	
Start	17364		Rim to invert	7.80	Grade to invert	Rim to grade Ft
Finish	17365		Rim to invert	4.60	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Upstream		Flow control Media No 17365.1
Shape	Circular		Height	8	Width ins Preclean J	Year Cleaned 2012/05/22
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 390.0	Ft Length Surveyed 390.10
Lining			Year laid	Year rehabilitated		Weather Dry
Purpose			Cat			
Additional info	EAST				Structural	O&M Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY				Work Order	
Northing	1123046.43		Easting	467238.66		Elevation
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy	

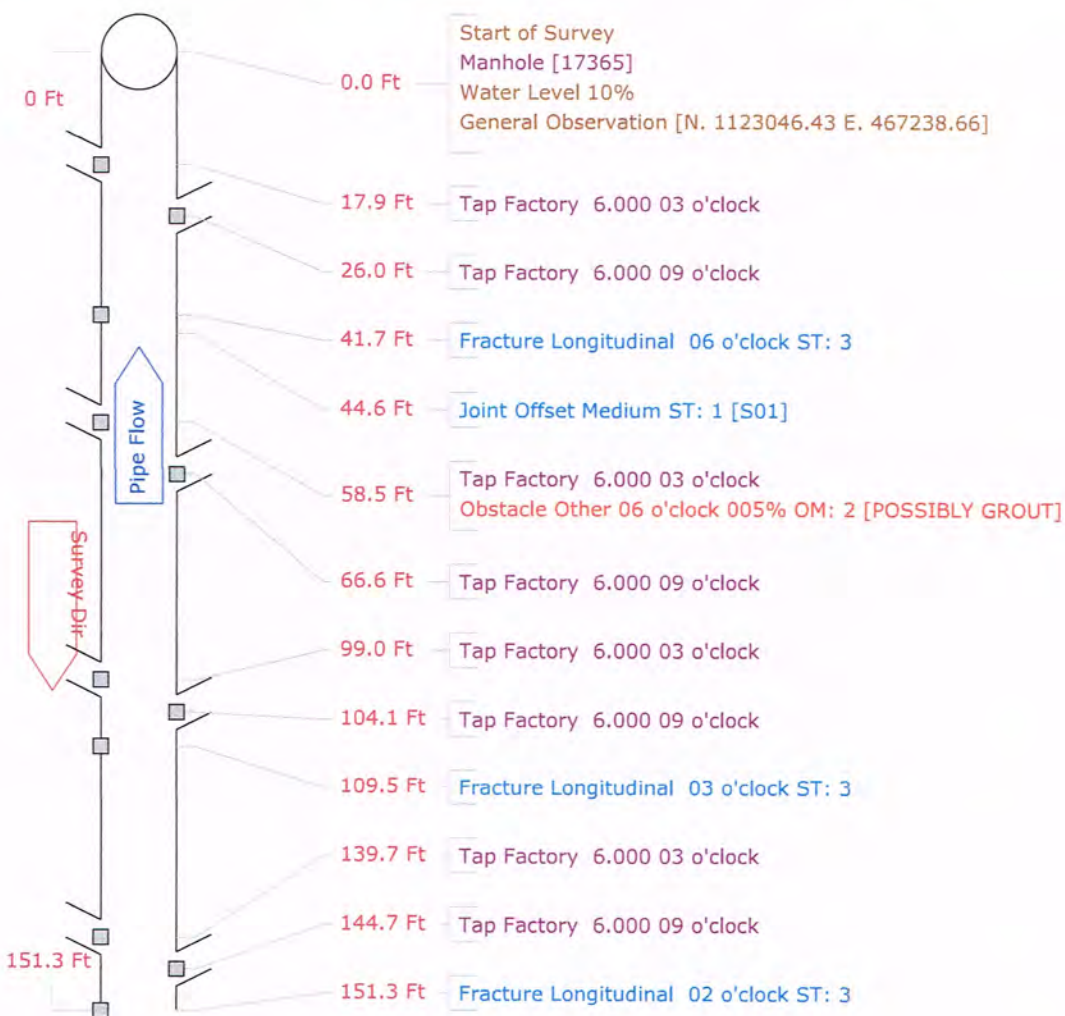


Pipe Graphic Report of PSR 17520

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 4	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES			
P/O #	Date 2012/05/22	Time 14:35	Street	INDIANA AVE.	
City	MANATEE COUNTY	Further location details	17520.1 1911 INDIANA AVE.		
Start 17365	Rim to invert 4.60	Grade to invert	Rim to grade	Ft	
Finish 17520	Rim to invert 4.50	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Upstream	Flow control	Media No	17520.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned 2012/05/22	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 390.1	Ft	Length Surveyed 390.10
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose		Cat			
Additional info	EAST				
Location	Easement/Right of Way				
Project	INITIAL CCTV SANITARY				
Northing	1123040.70	Easting	467629.23	Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy	

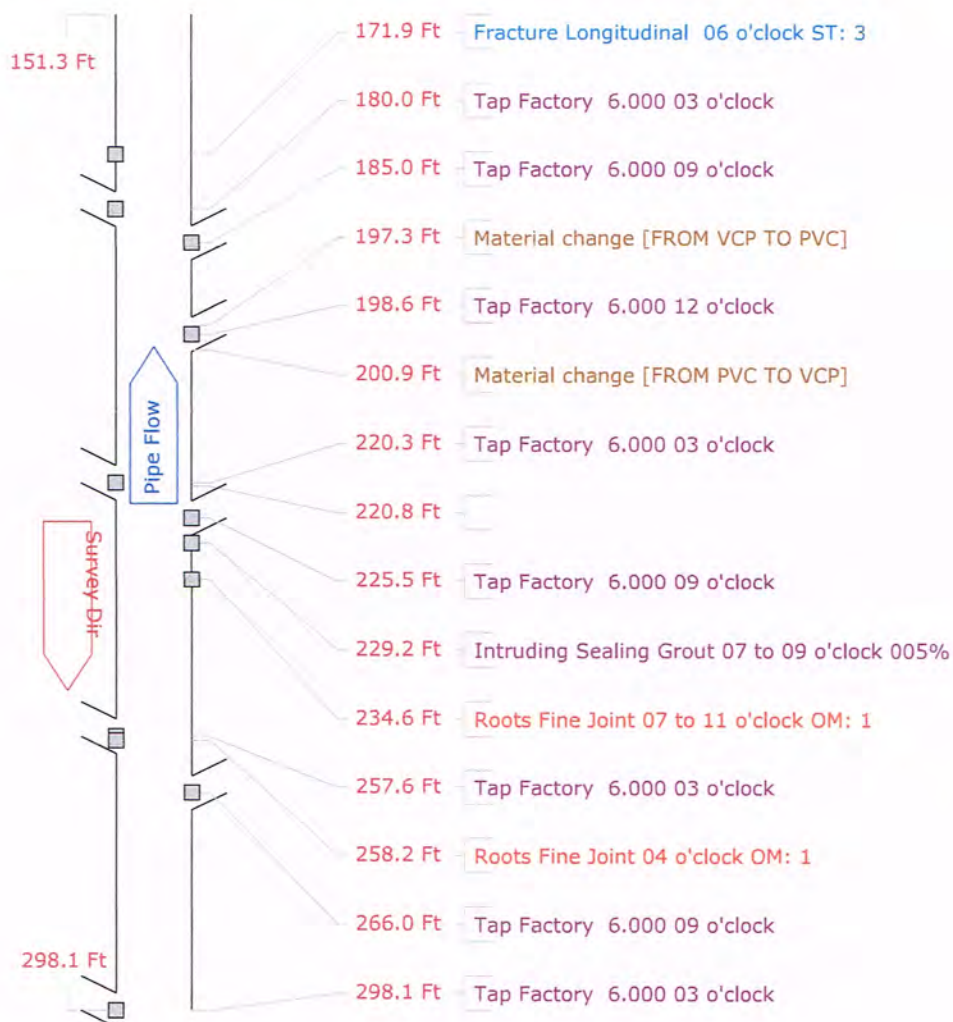


Pipe Graphic Report of PSR 17520

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 4	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/22	Time	14:35	Street	INDIANA AVE.	
City	MANATEE COUNTY		Further location details		17520.1 1911 INDIANA AVE.		
Start	17365		Rim to invert	4.60	Grade to invert	Rim to grade	Ft
Finish	17520		Rim to invert	4.50	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 17520.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/05/22
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	390.1 Ft	Length Surveyed 390.10
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	EAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1123040.70		Easting	467629.23		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

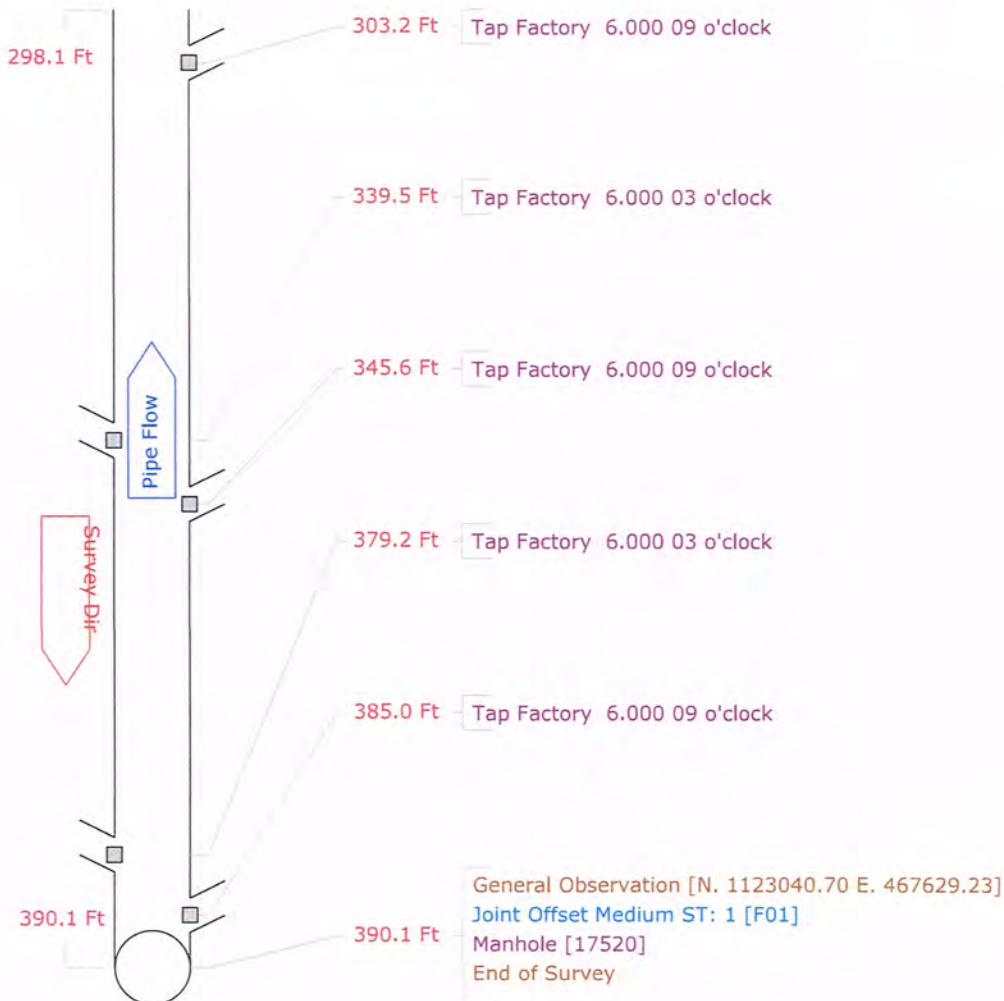


Pipe Graphic Report of PSR 17520

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 4	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/22	Time 14:35	Street INDIANA AVE.
City MANATEE COUNTY	Further location details	17520.1 1911 INDIANA AVE.	
Start 17365	Rim to invert 4.60	Grade to invert	Rim to grade Ft
Finish 17520	Rim to invert 4.50	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 17520.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/22
Material Vitrified Clay Pipe	Joint length	Ft Total length 390.1	Ft Length Surveyed 390.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info EAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project INITIAL CCTV SANITARY			Work Order
Northing 1123040.70	Easting 467629.23	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

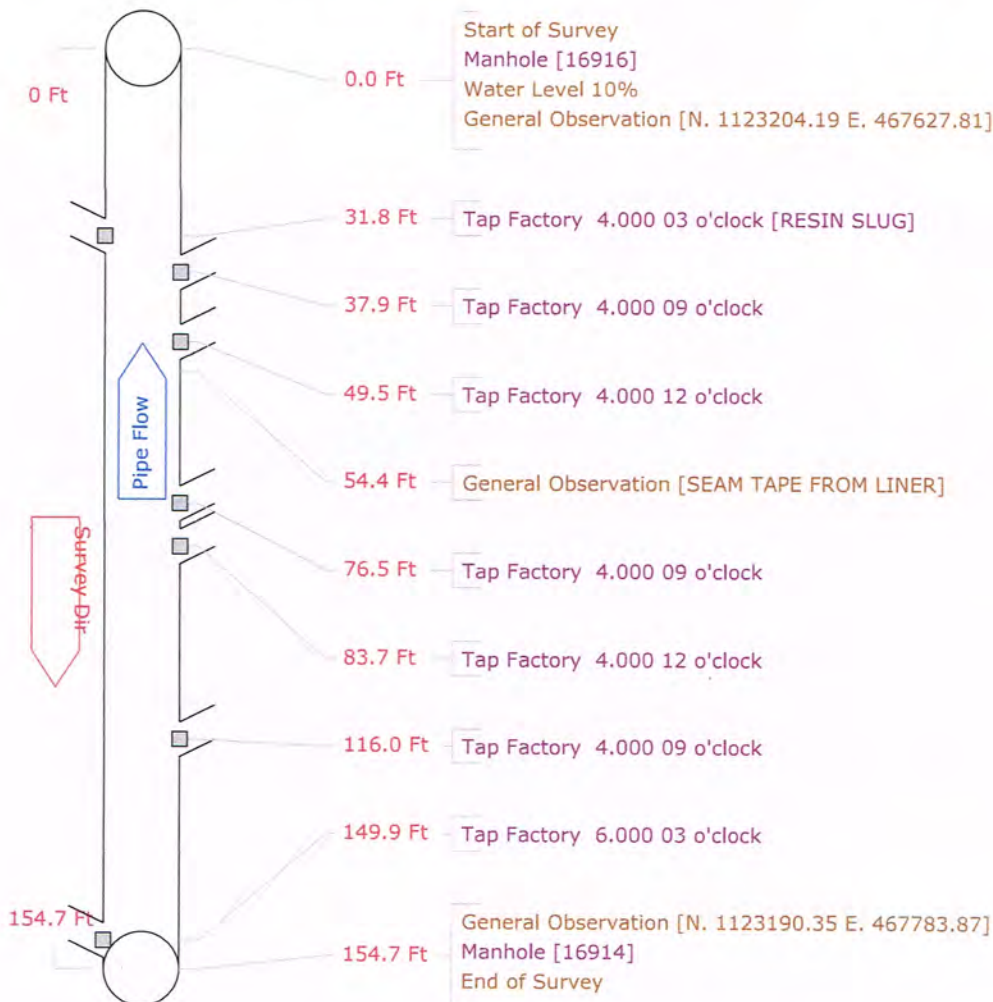


Pipe Graphic Report of PSR 16914

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 5	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/29	Time 8:29	Street OHIO AVE
City MANATEE COUNTY	Further location details 16914.1	1903 OHIO AVE	
Start 16916	Rim to invert 4.00	Grade to invert	Rim to grade Ft
Finish 16914	Rim to invert 3.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 16914.1
Shape Circular	Height 6	Width ins	Preclean J Year Cleaned 2012/05/29
Material Vitrified Clay Pipe	Joint length	Ft	Total length 154.7 Ft Length Surveyed 154.70
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123190.35	Easting 467783.87	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

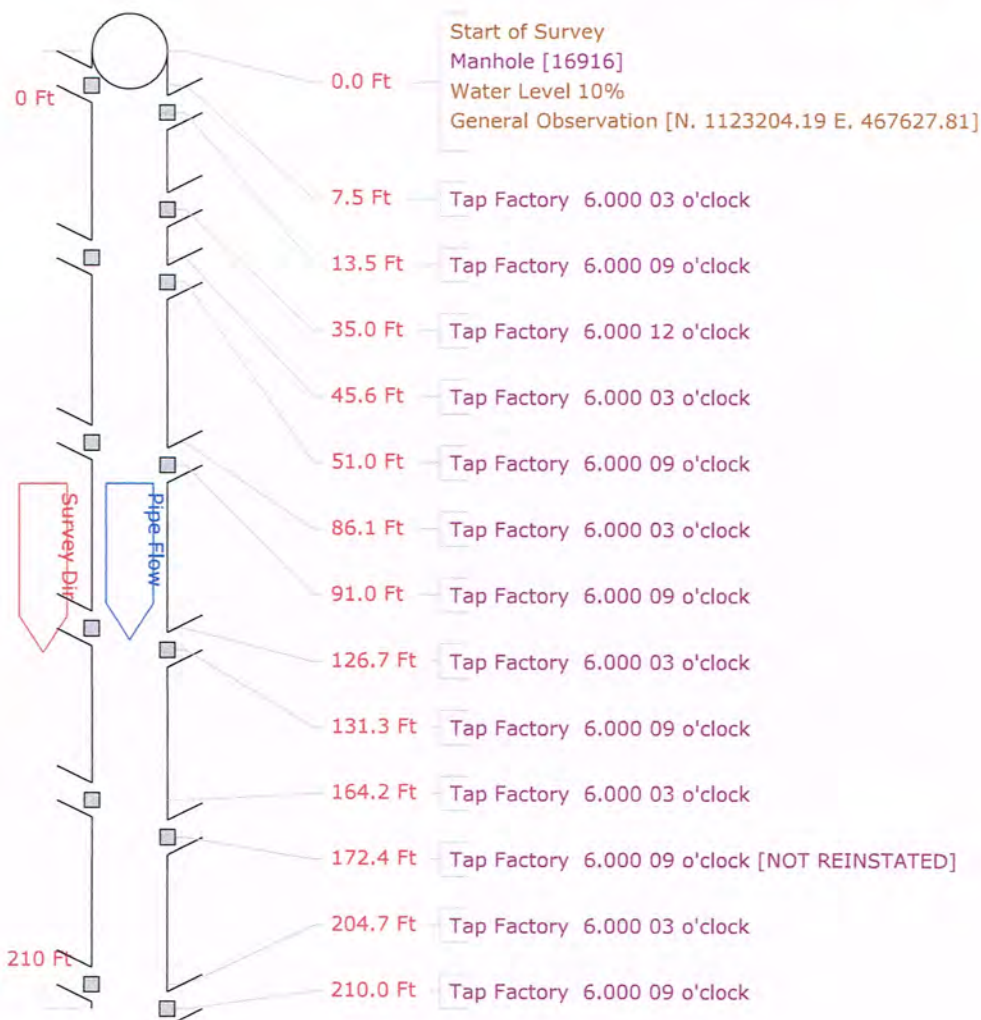


Pipe Graphic Report of PSR 16916

Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 6	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/29	Time	10:00	Street	OHIO AVE	
City	MANATEE COUNTY		Further location details		16916.1 1909 OHIO AVE.		
Start	16916		Rim to invert	4.00	Grade to invert	Rim to grade	Ft
Finish	16913		Rim to invert	4.20	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Downstream	Flow control	Media No	16916.1
Shape	Circular		Height	8	Width	ins	Preclean J
							Year Cleaned 2012/05/29
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	390.5	Ft
							Length Surveyed 390.50
Lining	Cured in Place		Year laid		Year rehabilitated	Weather	Dry
Purpose					Cat		
Additional info	WEST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1123204.19		Easting	467627.81		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

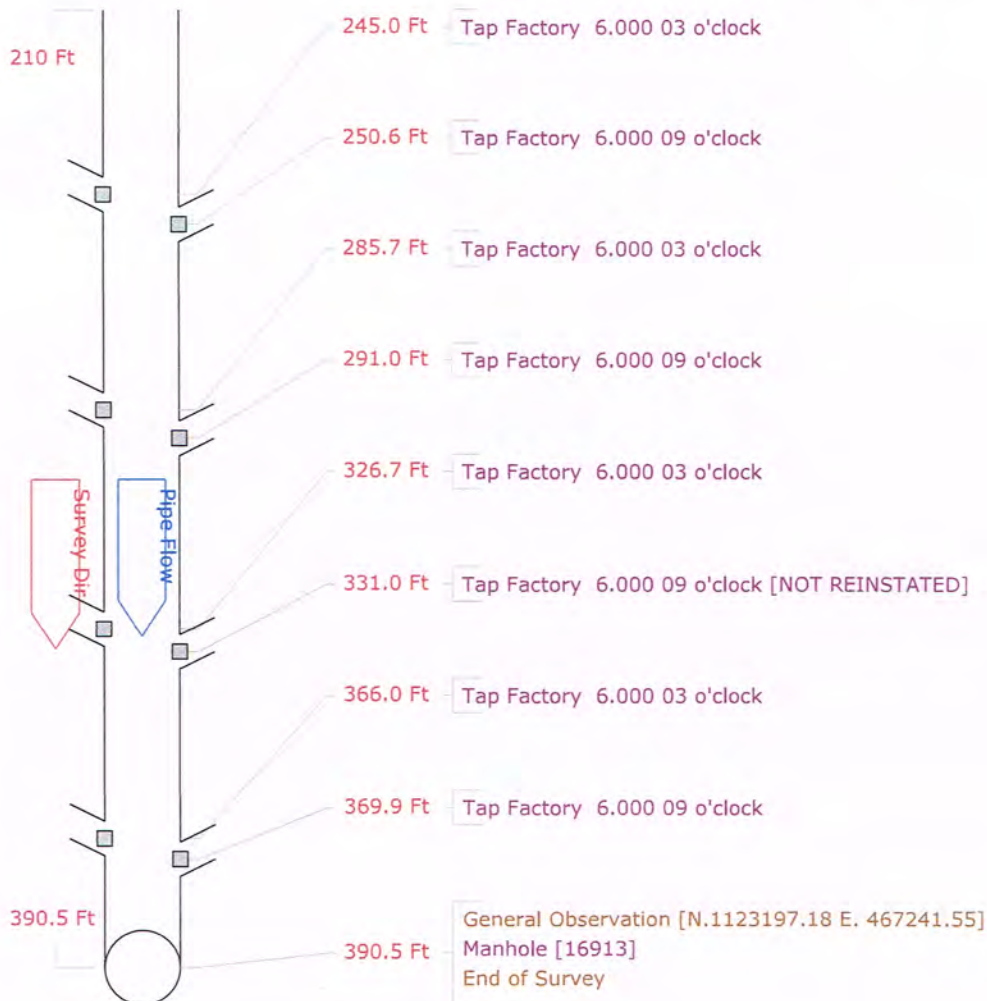


Pipe Graphic Report of PSR 16916

Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 6	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/29	Time	10:00	Street	OHIO AVE	
City	MANATEE COUNTY		Further location details		16916.1 1909 OHIO AVE.		
Start	16916		Rim to invert	4.00	Grade to invert	Rim to grade	Ft
Finish	16913		Rim to invert	4.20	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Downstream	Flow control	Media No	16916.1
Shape	Circular		Height	8	Width	ins	Preclean J
						Year Cleaned	2012/05/29
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	390.5	Ft
						Length Surveyed	390.50
Lining	Cured in Place		Year laid		Year rehabilitated	Weather	Dry
Purpose					Cat		
Additional info	WEST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1123204.19		Easting	467627.81		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

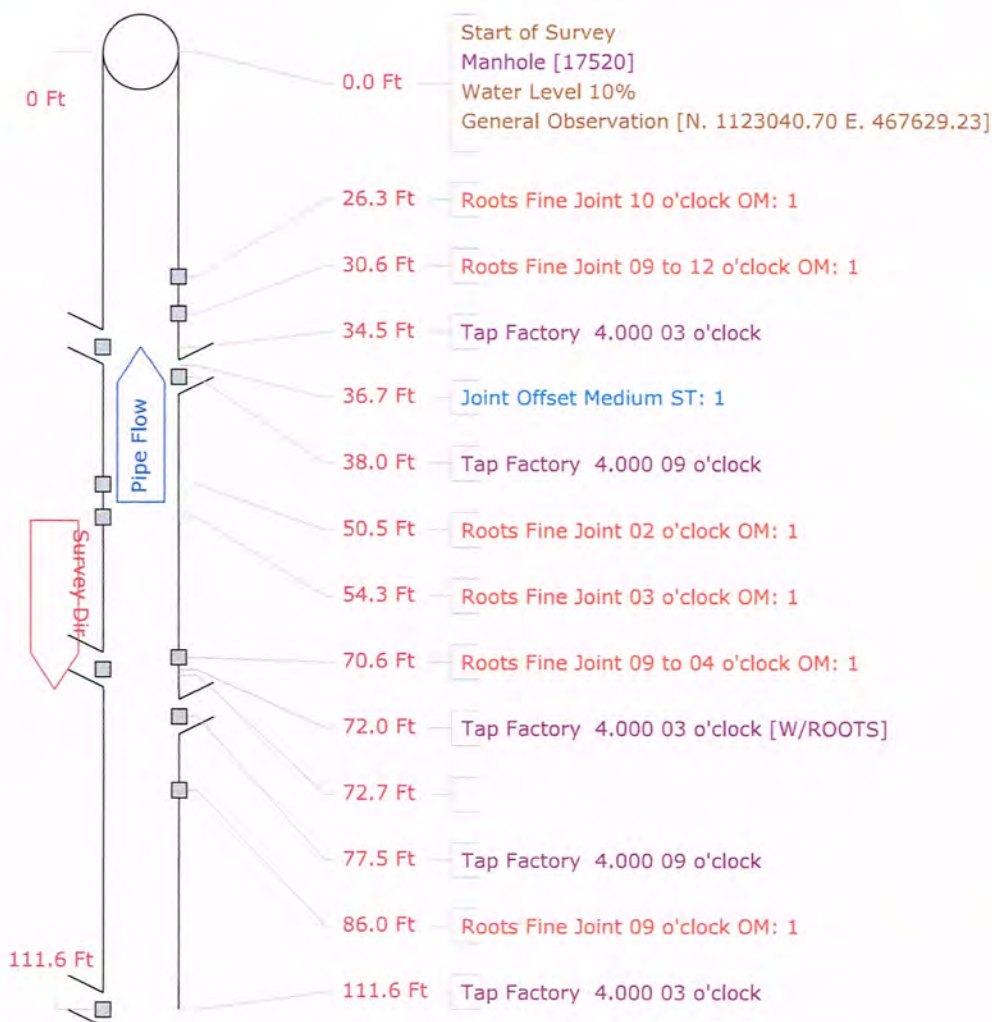


Pipe Graphic Report of PSR 17519

Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 7	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/29	Time 12:14	Street INDIANA AVE
City MANATEE COUNTY	Further location details 17519.1 1903 INDIANA AVE.		
Start 17520	Rim to invert 4.50	Grade to invert	Rim to grade Ft
Finish 17519	Rim to invert 3.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 17519.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/05/29
Material Vitrified Clay Pipe	Joint length Ft	Total length 155.3 Ft	Length Surveyed 155.30
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project INITIAL CCTV SANITARY			Work Order
Northing 1123037.10	Easting 467783.97	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

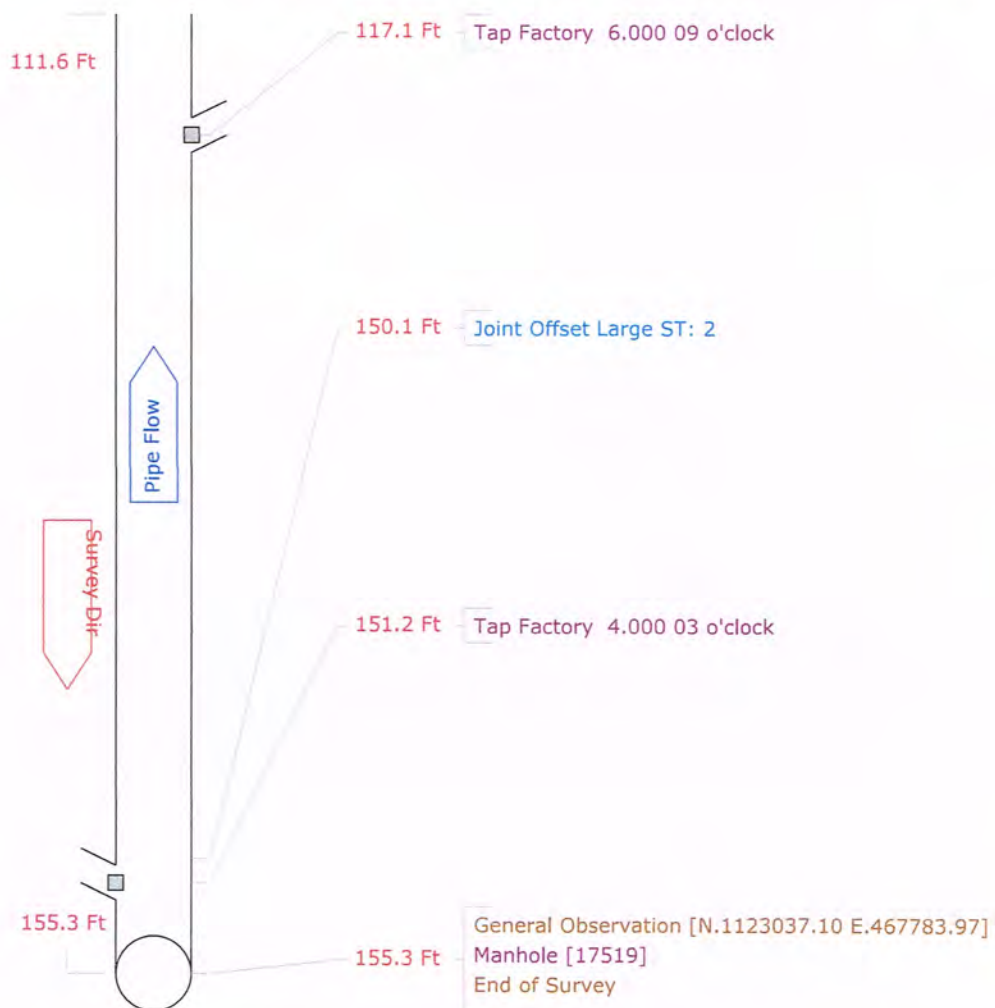


Pipe Graphic Report of PSR 17519

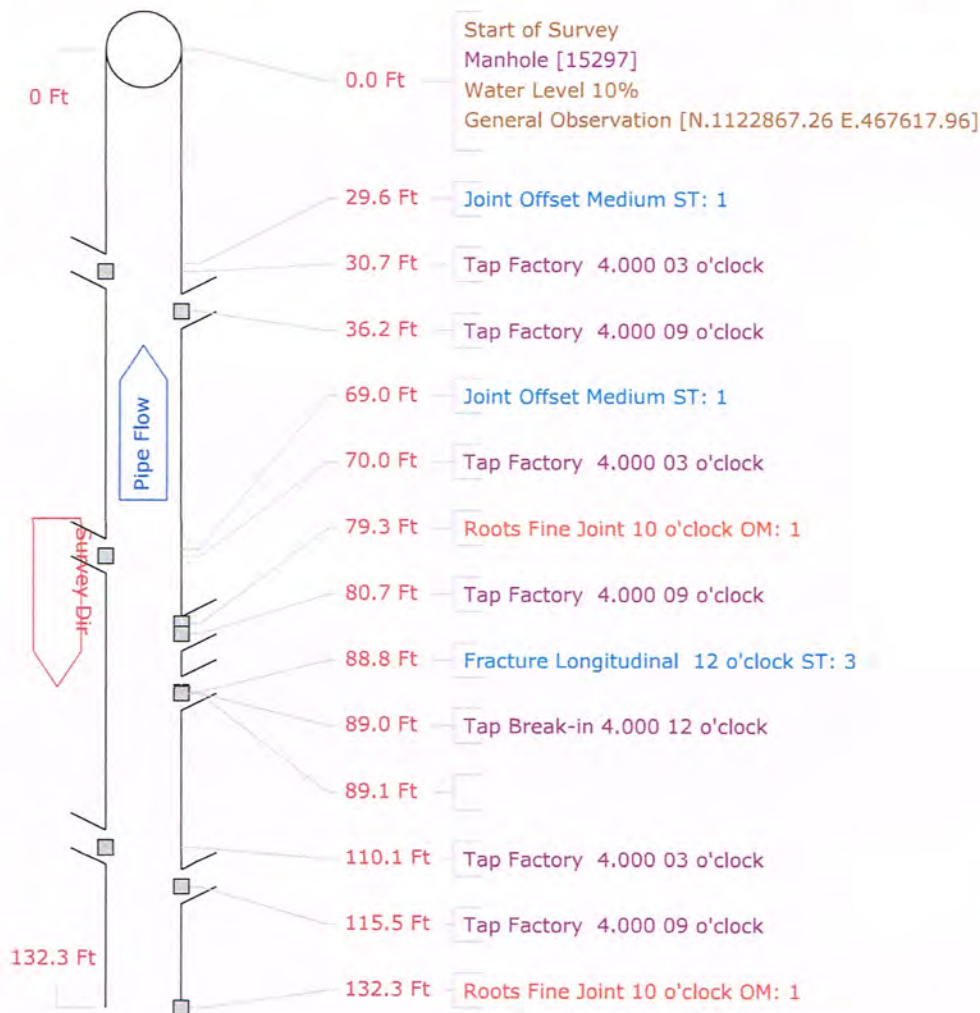
Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	7	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/05/29	Time	12:14	Street	INDIANA AVE
City	MANATEE COUNTY	Further location details	17519.1 1903 INDIANA AVE.				
Start	17520	Rim to invert	4.50	Grade to invert		Rim to grade	Ft
Finish	17519	Rim to invert	3.80	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	17519.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/05/29
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	155.3	Ft Length Surveyed 155.30
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY						Constructional
						Work Order	
Northing	1123037.10	Easting	467783.97		Elevation		
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		



Setup 8	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/29	Time 13:53	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15298.1 1903 MINNESOTA AVE.		
Start 15297	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Finish 15298	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15298.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/05/29
Material Vitrified Clay Pipe	Joint length Ft	Total length 154.9 Ft	Length Surveyed 154.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural O&M Constructional	
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122879.74	Easting 467782.28	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

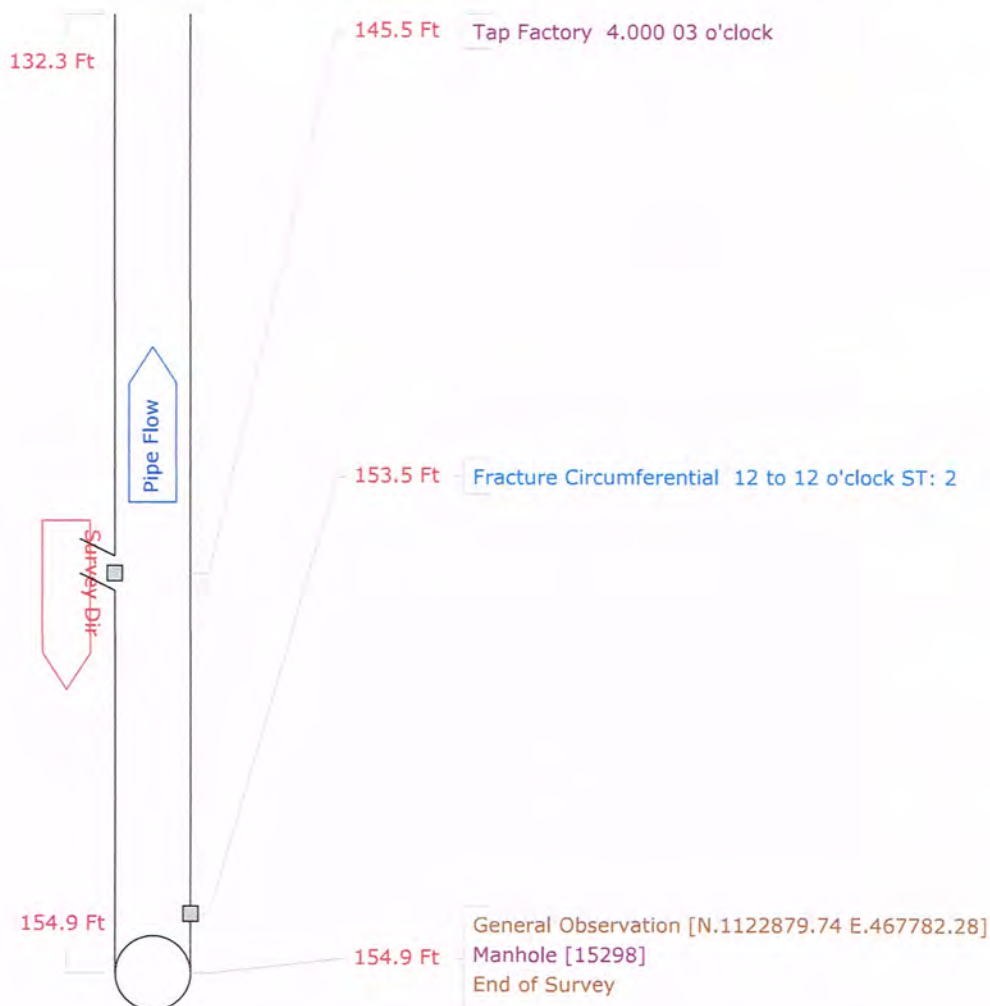


Pipe Graphic Report of PSR 15298

Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 8	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/29	Time 13:53	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details	15298.1 1903 MINNESOTA AVE.	
Start 15297	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Finish 15298	Rim to invert 3.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15298.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/05/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 154.9	Ft Length Surveyed 154.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122879.74	Easting 467782.28	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

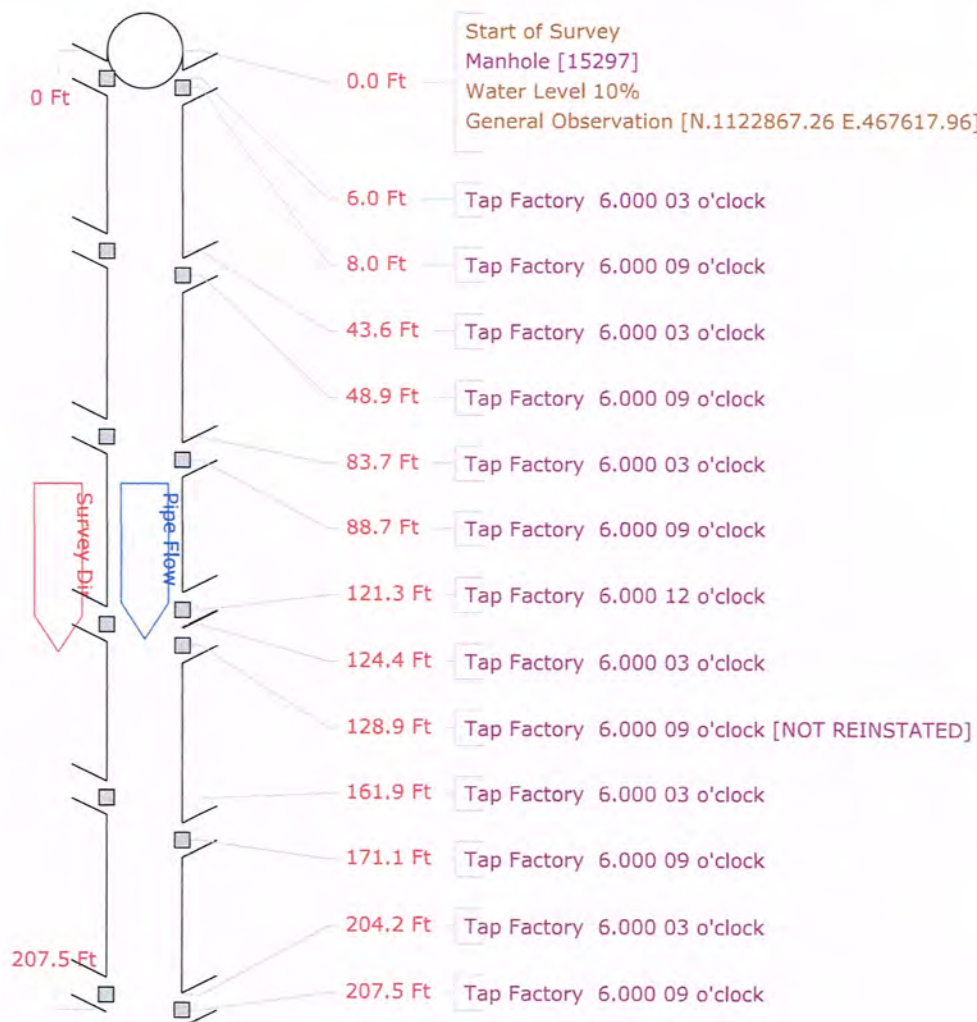


Pipe Graphic Report of PSR 15297

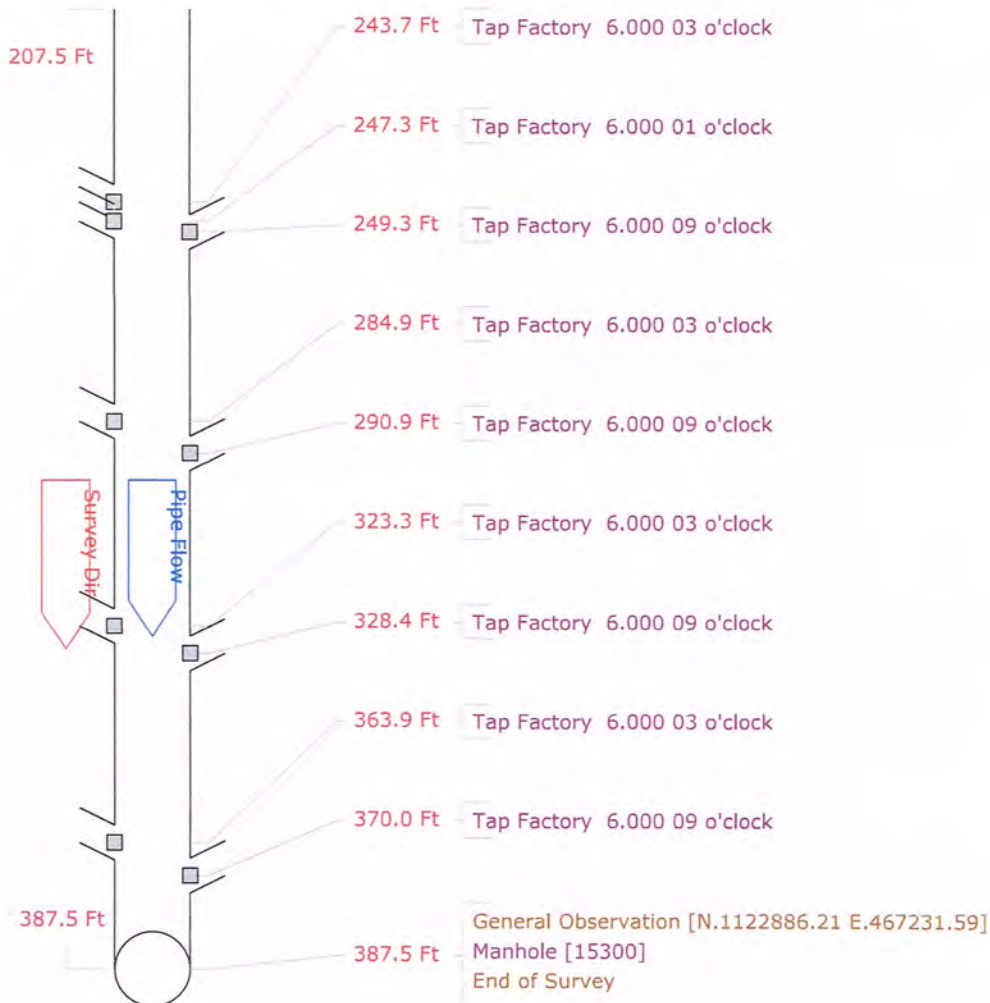
Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	9	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES	
Drainage		Survey Customer	TRAILER ESTATES					
P/O #		Date	2012/05/29	Time	15:17	Street	MINNESOTA AVE	
City	MANATEE COUNTY	Further location details	15297.1 1911 MINNESOTA AVE.					
Start	15297	Rim to invert	4.20	Grade to invert		Rim to grade	Ft	
Finish	15300	Rim to invert	4.10	Grade to invert		Rim to grade	Ft	
Use	Sanitary	Direction	Downstream	Flow control		Media No	15297.1	
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/05/29	
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	387.5 Ft	Length Surveyed	387.50
Lining	Cured in Place	Year laid		Year rehabilitated		Weather	Dry	
Purpose				Cat				
Additional info	WEST					Structural	O&M	Constructional
Location	Easement/Right of Way					Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY					Work Order		
Northing	1122867.26	Easting	467617.96	Elevation				
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy				



Setup 9	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/29	Time 15:17	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15297.1 1911 MINNESOTA AVE.		
Start 15297	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Finish 15300	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 15297.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 387.5	Ft Length Surveyed 387.50
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122867.26	Easting 467617.96	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)	GPS Accuracy		

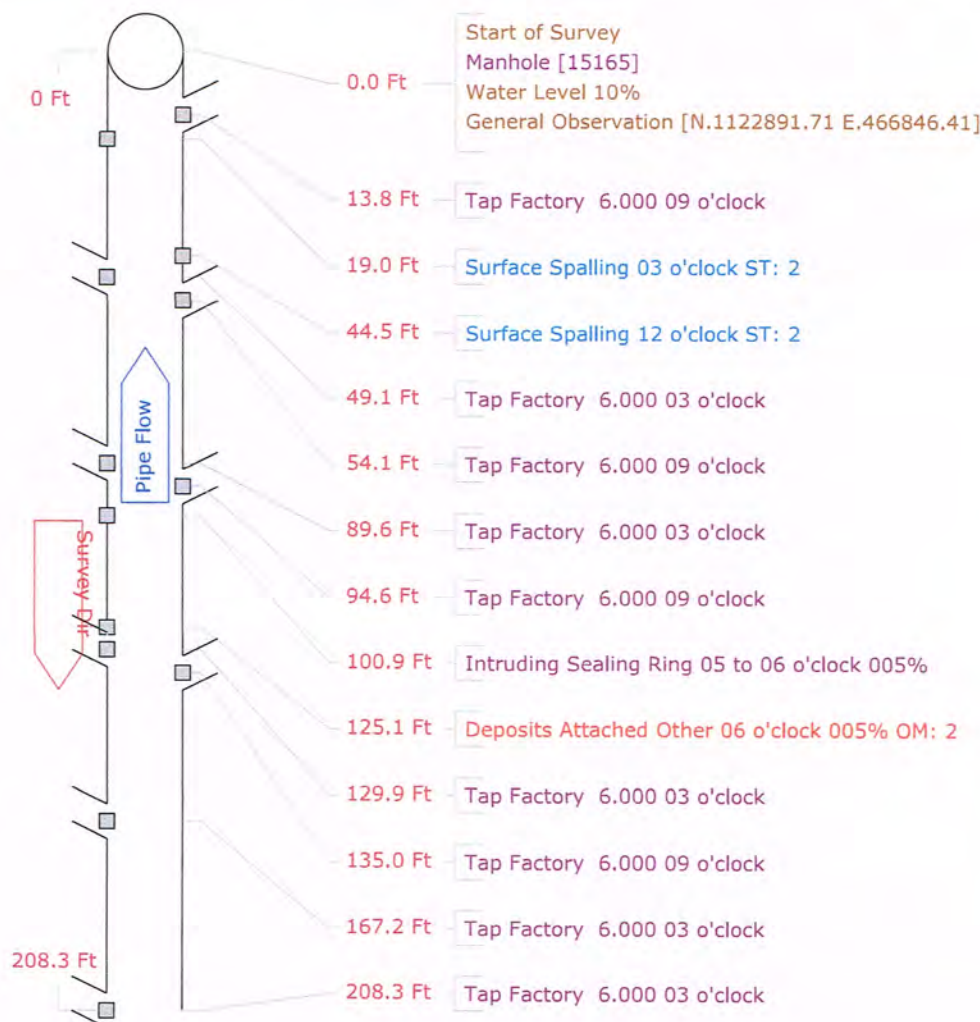


Pipe Graphic Report of PSR 15300

Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 10	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/30	Time 11:10	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details 15300.1 2013 MINNESOTA		
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15300	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15300.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 389.2	Ft Length Surveyed 389.20
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122886.21	Easting 467231.59	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

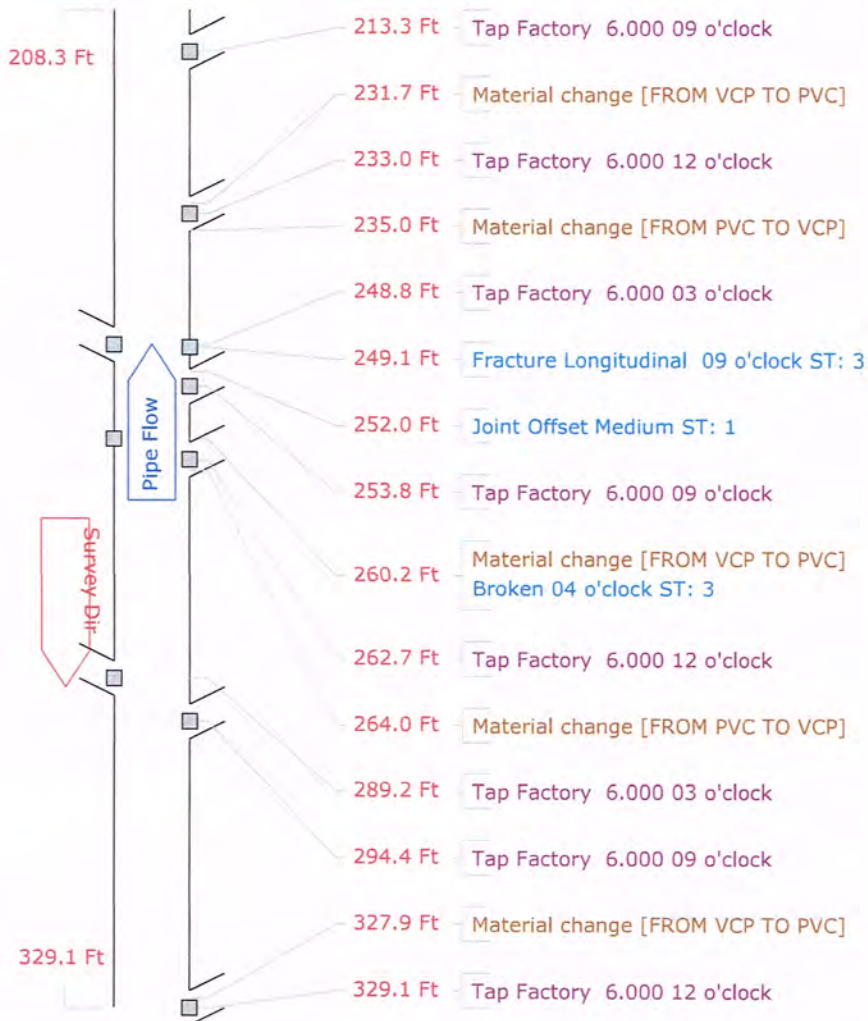


Pipe Graphic Report of PSR 15300

Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 10	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage	Survey Customer	TRAILER ESTATES			
P/O #	Date 2012/05/30	Time 11:10	Street	MINNESOTA AVE	
City	MANATEE COUNTY	Further location details	15300.1 2013 MINNESOTA		
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade	Ft	
Finish 15300	Rim to invert 4.10	Grade to invert	Rim to grade	Ft	
Use Sanitary	Direction Upstream	Flow control	Media No	15300.1	
Shape Circular	Height 8	Width ins	Preclean J	Year Cleaned 2012/05/29	
Material Vitrified Clay Pipe	Joint length	Ft	Total length 389.2	Ft	Length Surveyed 389.20
Lining	Year laid	Year rehabilitated	Weather	Dry	
Purpose		Cat			
Additional info EAST					
Location Easement/Right of Way					
Project INITIAL CCTV SANITARY					
Northing 1122886.21	Easting 467231.59	Elevation			
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy			

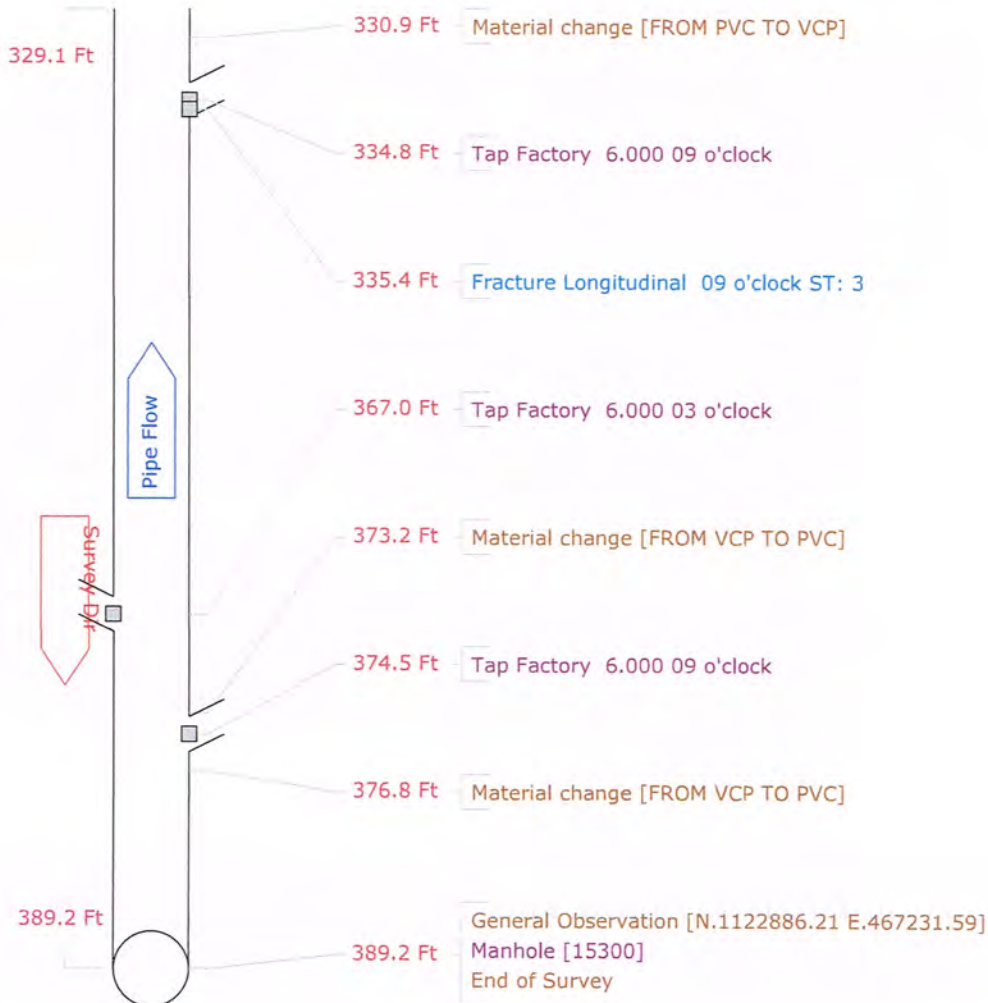


Pipe Graphic Report of PSR 15300

Y

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	10	Surveyor	TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer			TRAILER ESTATES					
P/O #	Date		2012/05/30	Time	11:10	Street	MINNESOTA AVE		
City	MANATEE COUNTY		Further location details			15300.1 2013 MINNESOTA			
Start	15165		Rim to invert	7.70	Grade to invert	Rim to grade		Ft	
Finish	15300		Rim to invert	4.10	Grade to invert	Rim to grade		Ft	
Use	Sanitary		Direction	Upstream		Flow control		Media No	15300.1
Shape	Circular		Height	8	Width	ins Preclean J		Year Cleaned	2012/05/29
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	389.2	Ft	Length Surveyed	389.20
Lining			Year laid	Year rehabilitated		Weather		Dry	
Purpose					Cat				
Additional info	EAST					Structural	O&M	Constructional	
Location	Easement/Right of Way					Miscellaneous	Hydraulic		
Project	INITIAL CCTV SANITARY					Work Order			
Northing	1122886.21		Easting	467231.59		Elevation			
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)					GPS Accuracy			

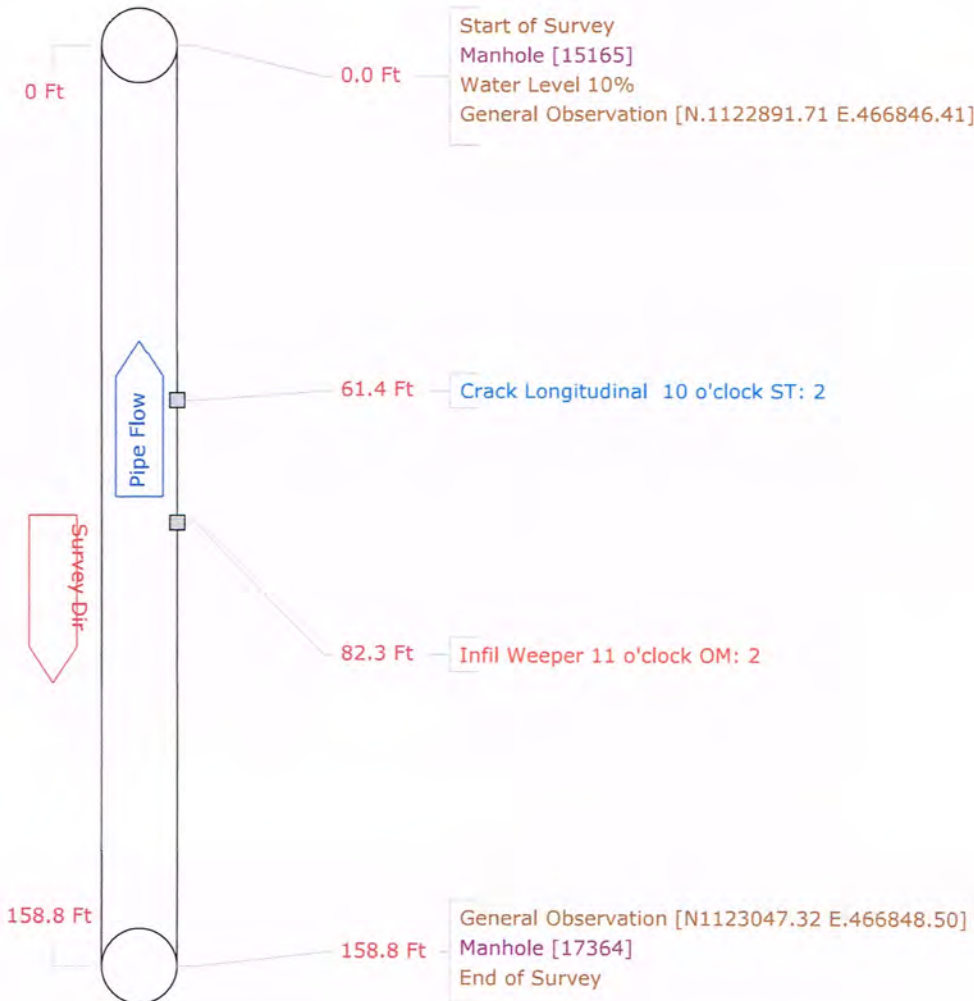


Pipe Graphic Report of PSR 17364

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 11	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/05/30	Time	13:37	Street	INDIANA AVE.
City	MANATEE COUNTY		Further location details 17364.1 2115 INDIANA			
Start	15165		Rim to invert	7.70	Grade to invert	Rim to grade Ft
Finish	17364		Rim to invert	7.80	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Upstream		Flow control Media No 17364.1
Shape	Circular		Height	8	Width ins	Preclean J Year Cleaned 2012/05/30
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 158.8 Ft	Length Surveyed 158.80
Lining			Year laid	Year rehabilitated		Weather Dry
Purpose			Cat			
Additional info	NORTH				Structural	O&M Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY				Work Order	
Northing	1123047.32		Easting	466848.50 Elevation		
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy	

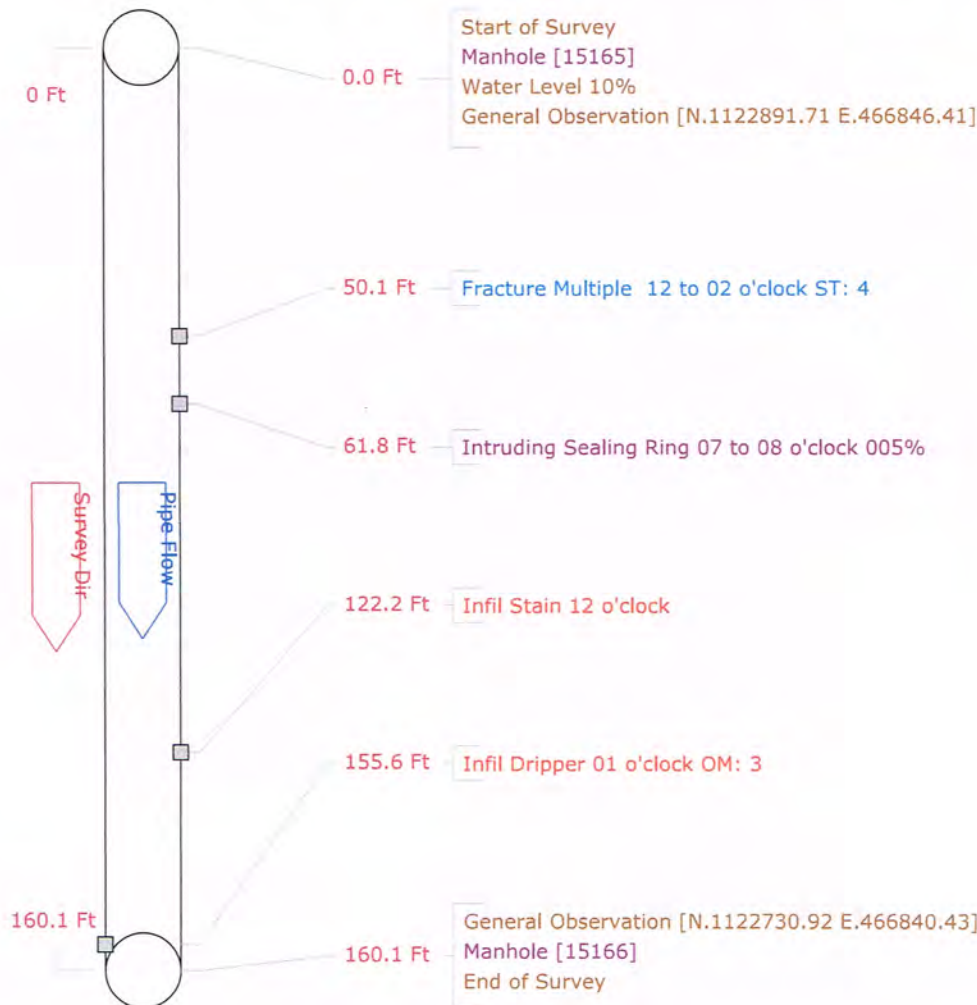


Pipe Graphic Report of PSR 15165

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 12	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/30	Time 14:26	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details	15165.1 2115 MINNESOTA	
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 15165.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 160.1	Ft Length Surveyed 160.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH			
Location Easement/Right of Way			
Project INITIAL CCTV SANITARY			
Northing 1122891.71	Easting 466846.41	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

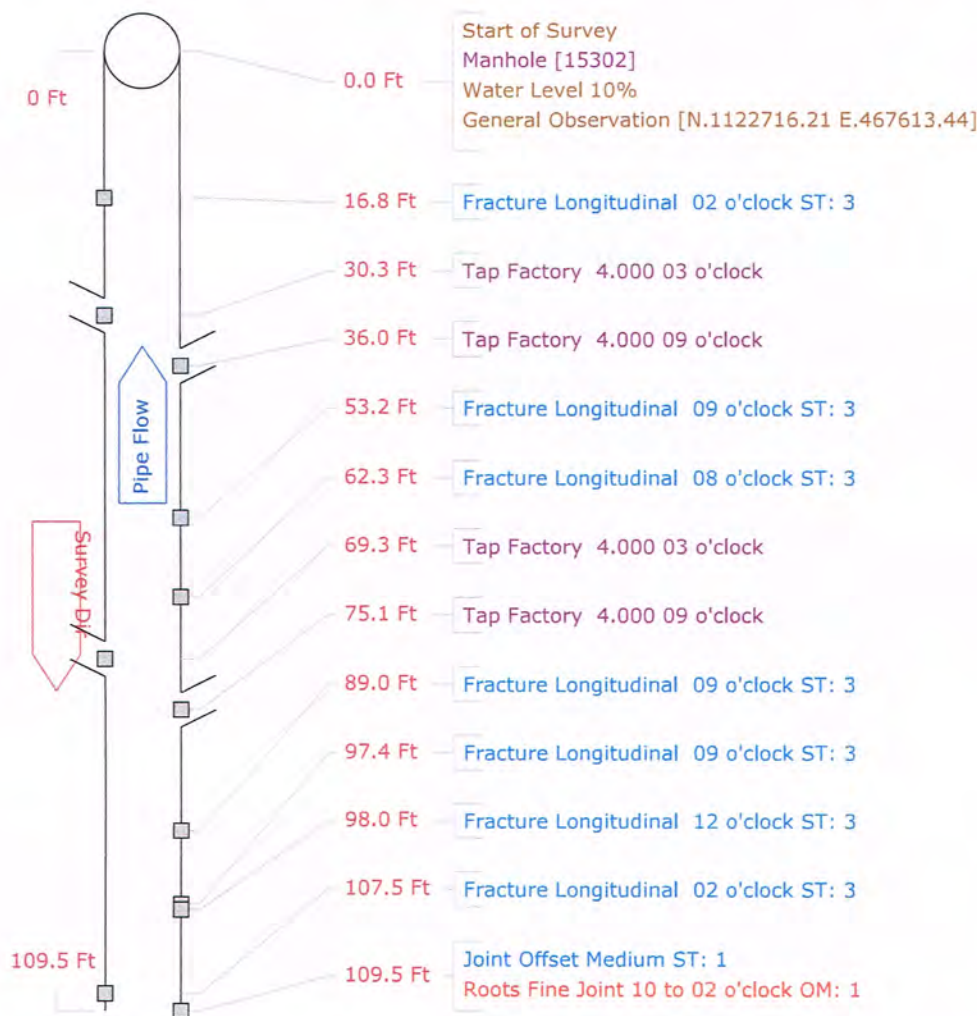


Pipe Graphic Report of PSR 15303

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	13	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/05/31	Time	7:26	Street	ILLINOIS AVE
City	MANATEE COUNTY	Further location details	15303.1 1903 ILLINOIS AVE.				
Start	15302	Rim to invert	4.30	Grade to invert		Rim to grade	Ft
Finish	15303	Rim to invert	3.60	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	15303.1
Shape	Circular	Height	6	Width	ins Preclean J	Year Cleaned	2012/05/31
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	153.4	Ft Length Surveyed 153.40
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY						Constructional
						Work Order	
Northing	1122719.35	Easting	467766.57		Elevation		
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

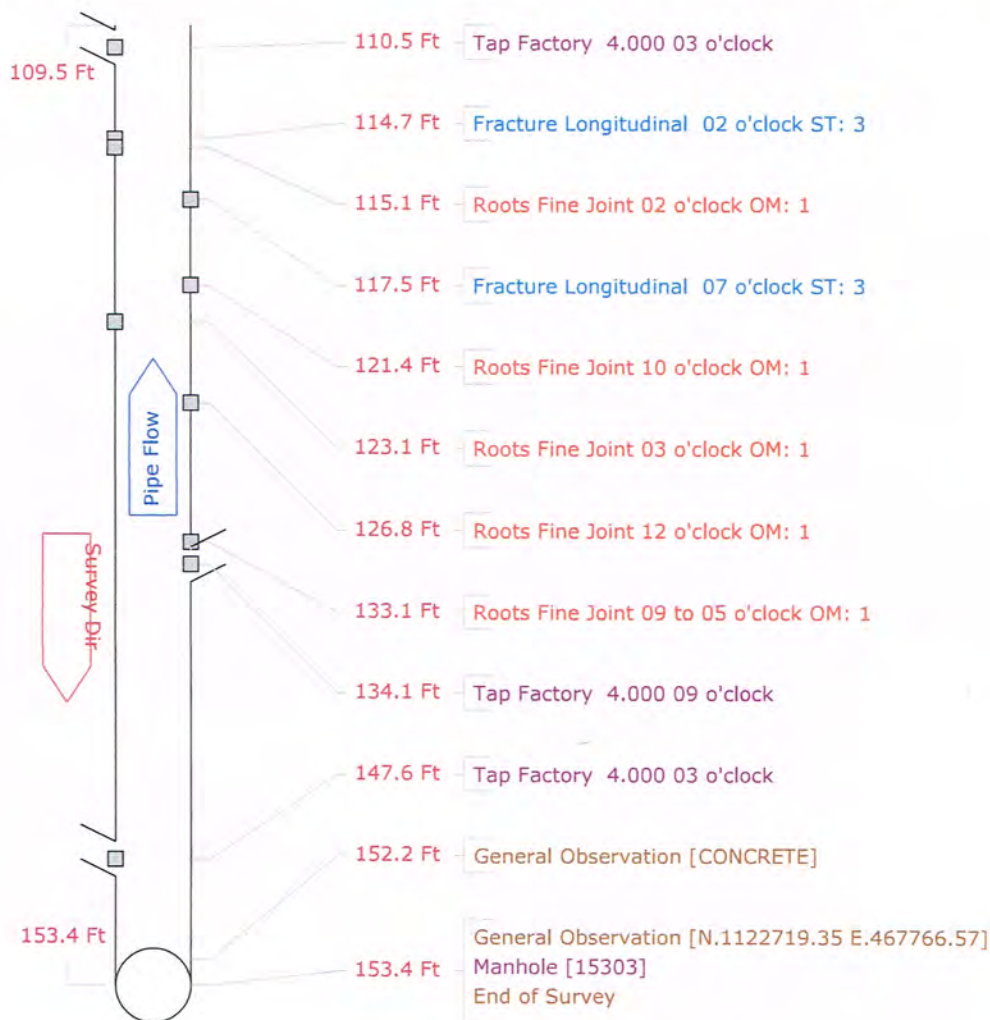


Pipe Graphic Report of PSR 15303

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	13	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/05/31	Time	7:26	Street	ILLINOIS AVE
City	MANATEE COUNTY	Further location details	15303.1 1903 ILLINOIS AVE.				
Start	15302	Rim to invert	4.30	Grade to invert		Rim to grade	Ft
Finish	15303	Rim to invert	3.60	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	15303.1
Shape	Circular	Height	6	Width	ins	Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	153.4	Ft Length Surveyed 153.40
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY						Constructional
						Work Order	
Northing	1122719.35	Easting	467766.57		Elevation		
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

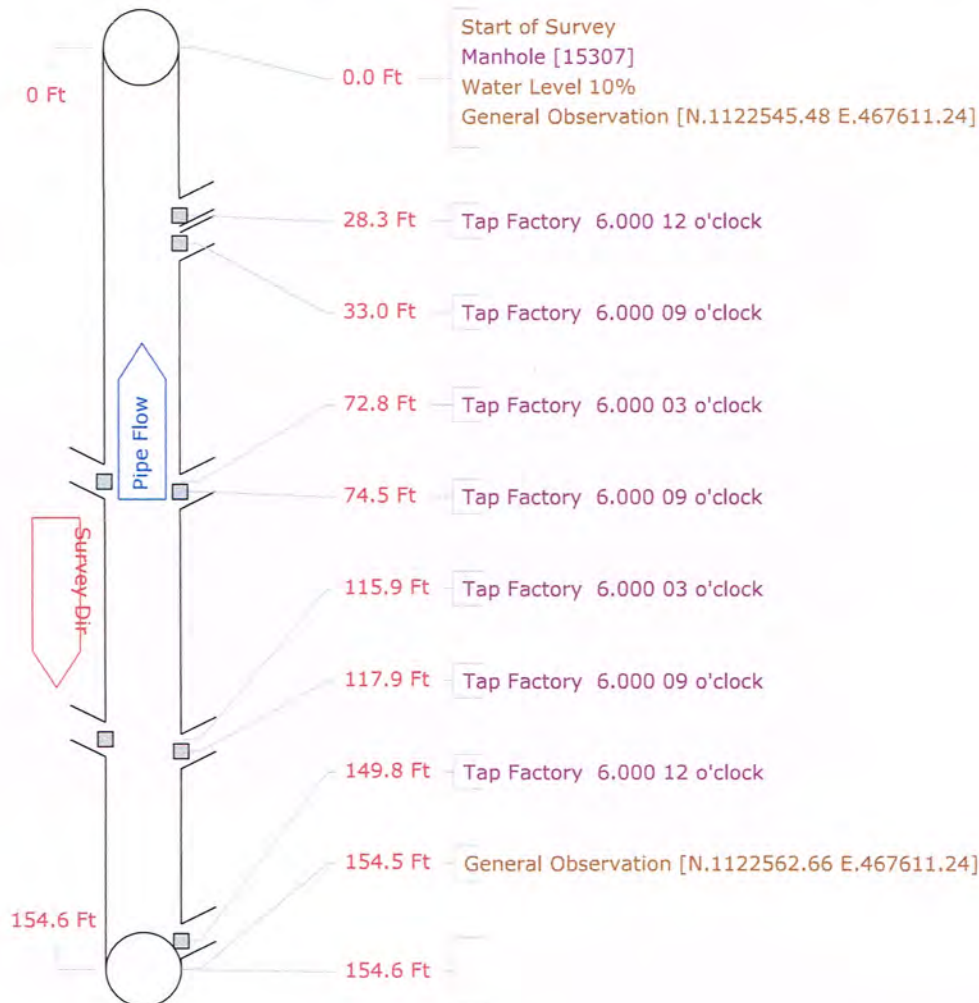


Pipe Graphic Report of PSR 15306

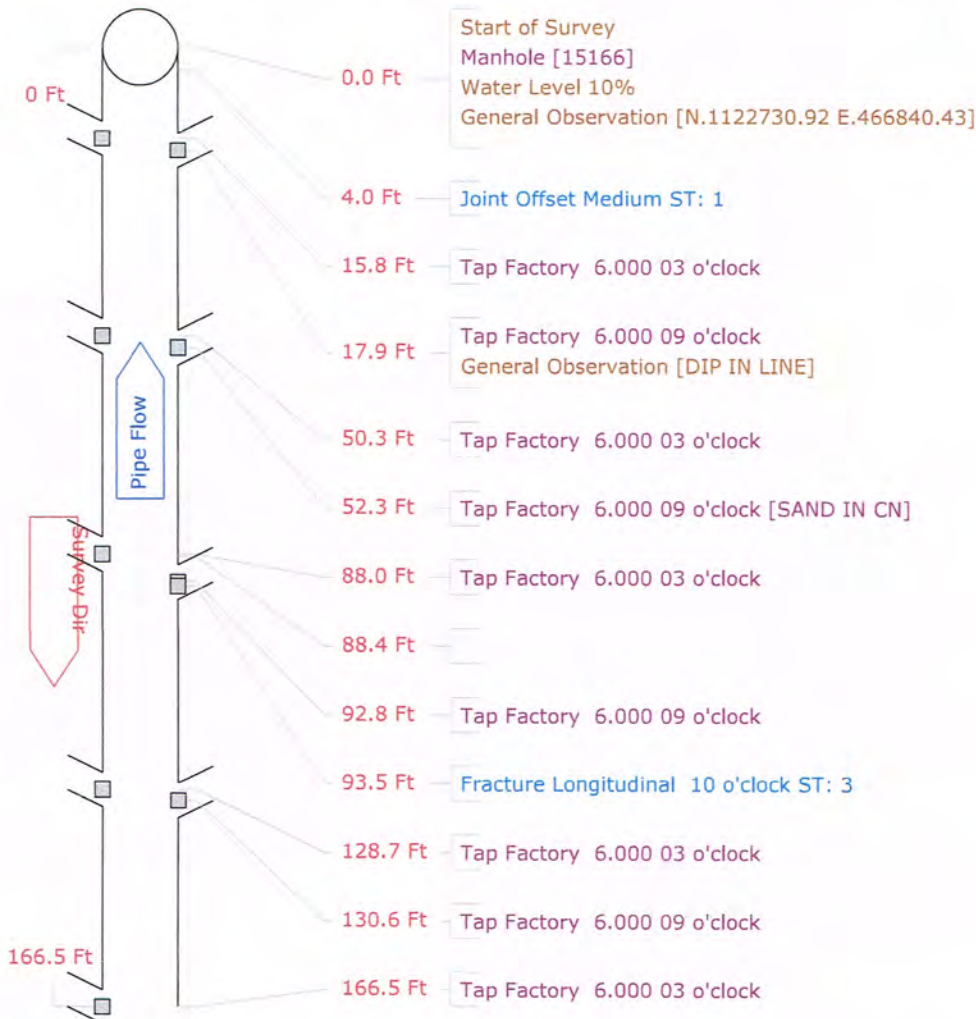
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for TRAILER ESTATES INITIAL CCTV SANIT

Setup 14	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 9:11	Street IOWA AVE
City MANATEE COUNTY	Further location details 15306.1 1903 IOWA AVE		
Start 15307	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 15306	Rim to invert 3.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15306.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/05/31
Material Polyvinyl Chloride	Joint length	Ft Total length 154.6	Ft Length Surveyed 154.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY			Constructional
Northing 1122562.66	Easting 467611.24	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



Setup 15	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/31	Time	10:24	Street	ILLINOIS AVE	
City	MANATEE COUNTY		Further location details		15301.1 2015 ILLINOIS AVE.		
Start	15166		Rim to invert	7.70	Grade to invert	Rim to grade	Ft
Finish	15301		Rim to invert	4.40	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 15301.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	389.3 Ft	Length Surveyed 389.30
Lining			Year laid	Year rehabilitated		Weather	Dry
Purpose			Cat				
Additional info	EAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1122719.58		Easting	467244.33		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

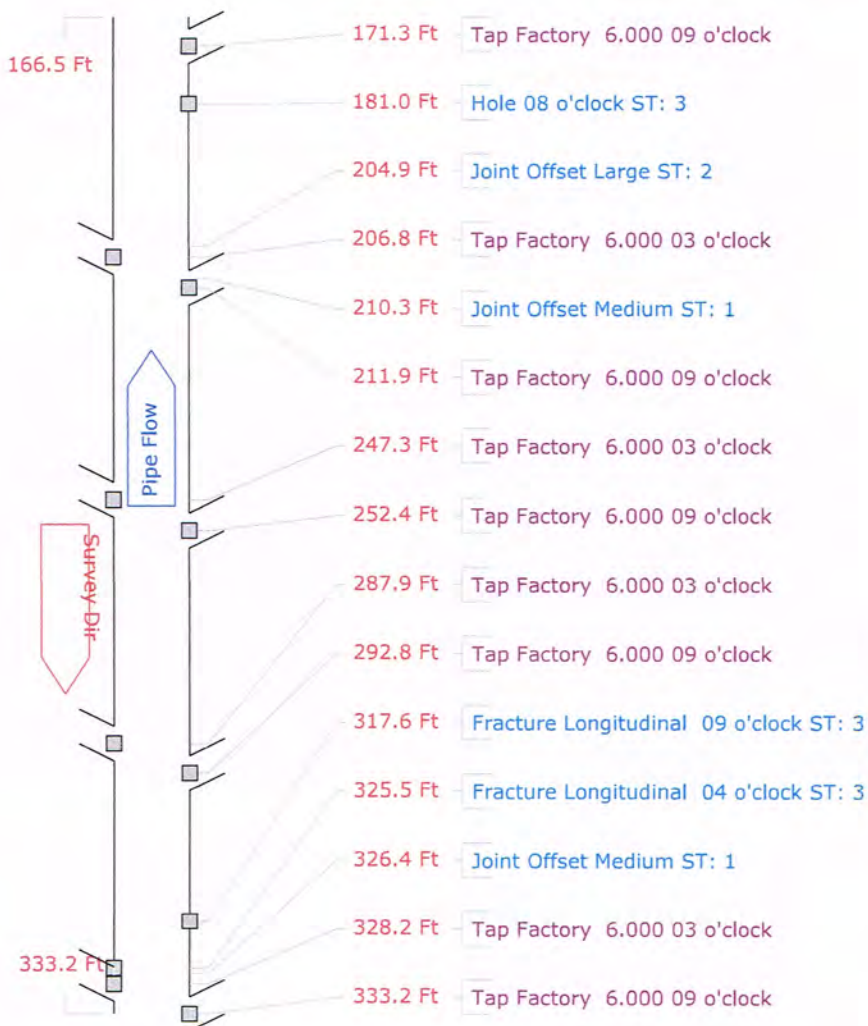


Pipe Graphic Report of PSR 15301

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 15	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/31	Time	10:24	Street	ILLINOIS AVE	
City	MANATEE COUNTY		Further location details		15301.1 2015 ILLINOIS AVE.		
Start	15166		Rim to invert	7.70	Grade to invert	Rim to grade	Ft
Finish	15301		Rim to invert	4.40	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 15301.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	389.3 Ft	Length Surveyed 389.30
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	EAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1122719.58		Easting	467244.33		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

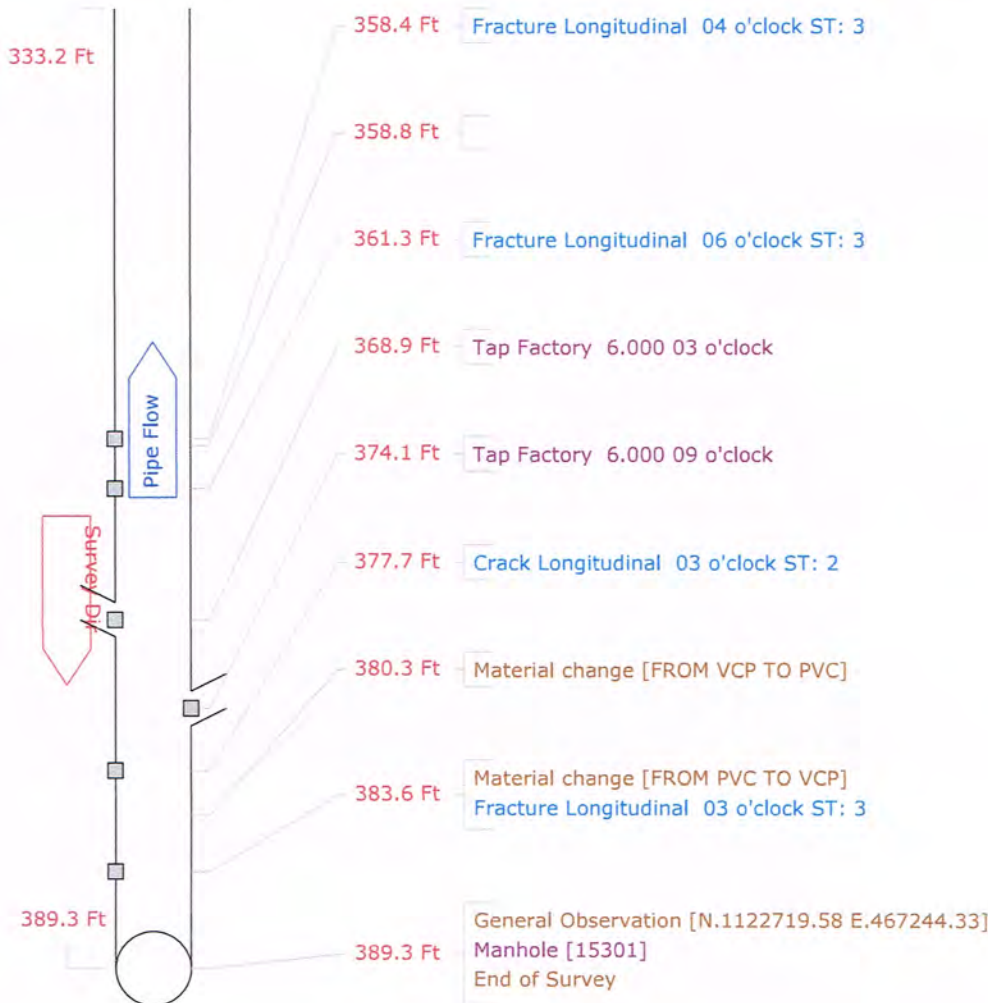


Pipe Graphic Report of PSR 15301

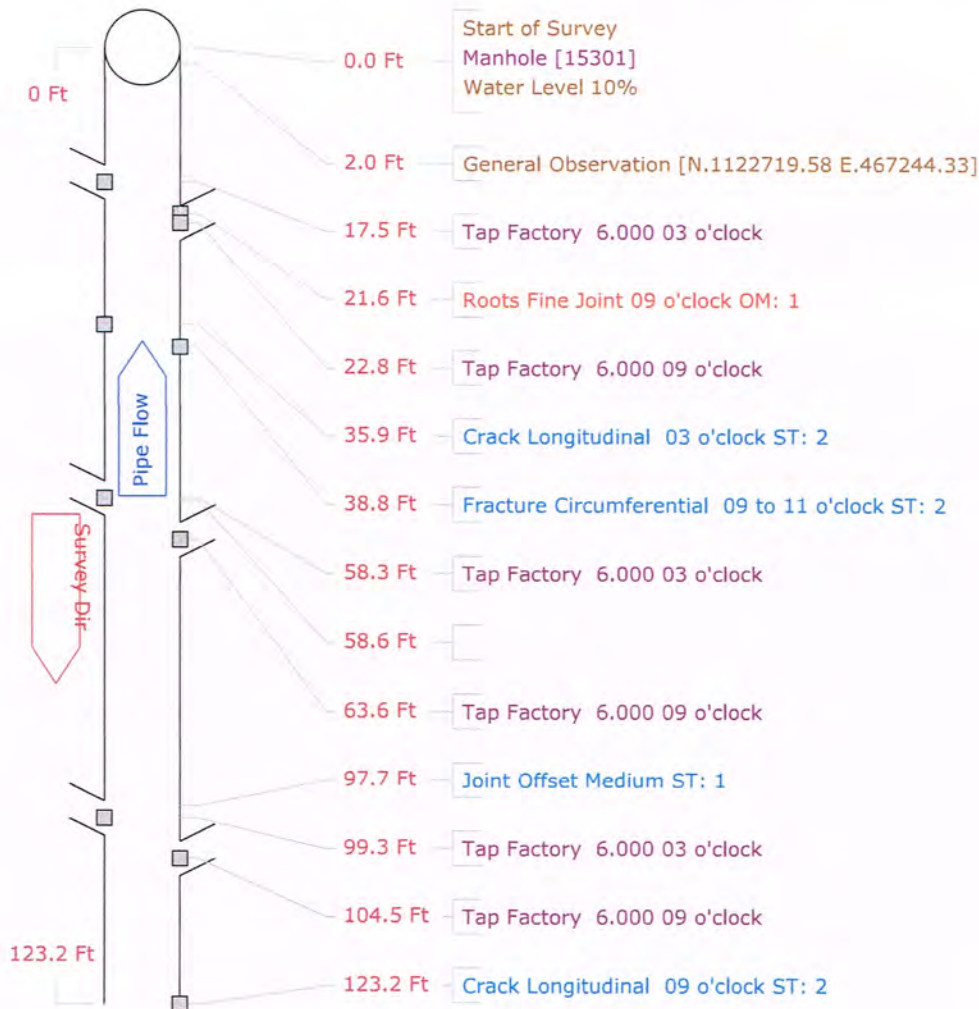
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for TRAILER ESTATES INITIAL CCTV SANIT

Setup 15	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/31	Time	10:24	Street	ILLINOIS AVE	
City	MANATEE COUNTY		Further location details		15301.1 2015 ILLINOIS AVE.		
Start	15166		Rim to invert	7.70	Grade to invert	Rim to grade	Ft
Finish	15301		Rim to invert	4.40	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 15301.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	389.3 Ft	Length Surveyed 389.30
Lining			Year laid	Year rehabilitated		Weather	Dry
Purpose			Cat				
Additional info	EAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1122719.58		Easting	467244.33		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		



Setup 16	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 11:52	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details	15302.1	1909 ILLINOIS AVE.
Start 15301	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15302	Rim to invert 4.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15302.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length	Ft Total length 388.1	Ft Length Surveyed 388.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY			Constructional
Northing 1122716.21	Easting 467613.44	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

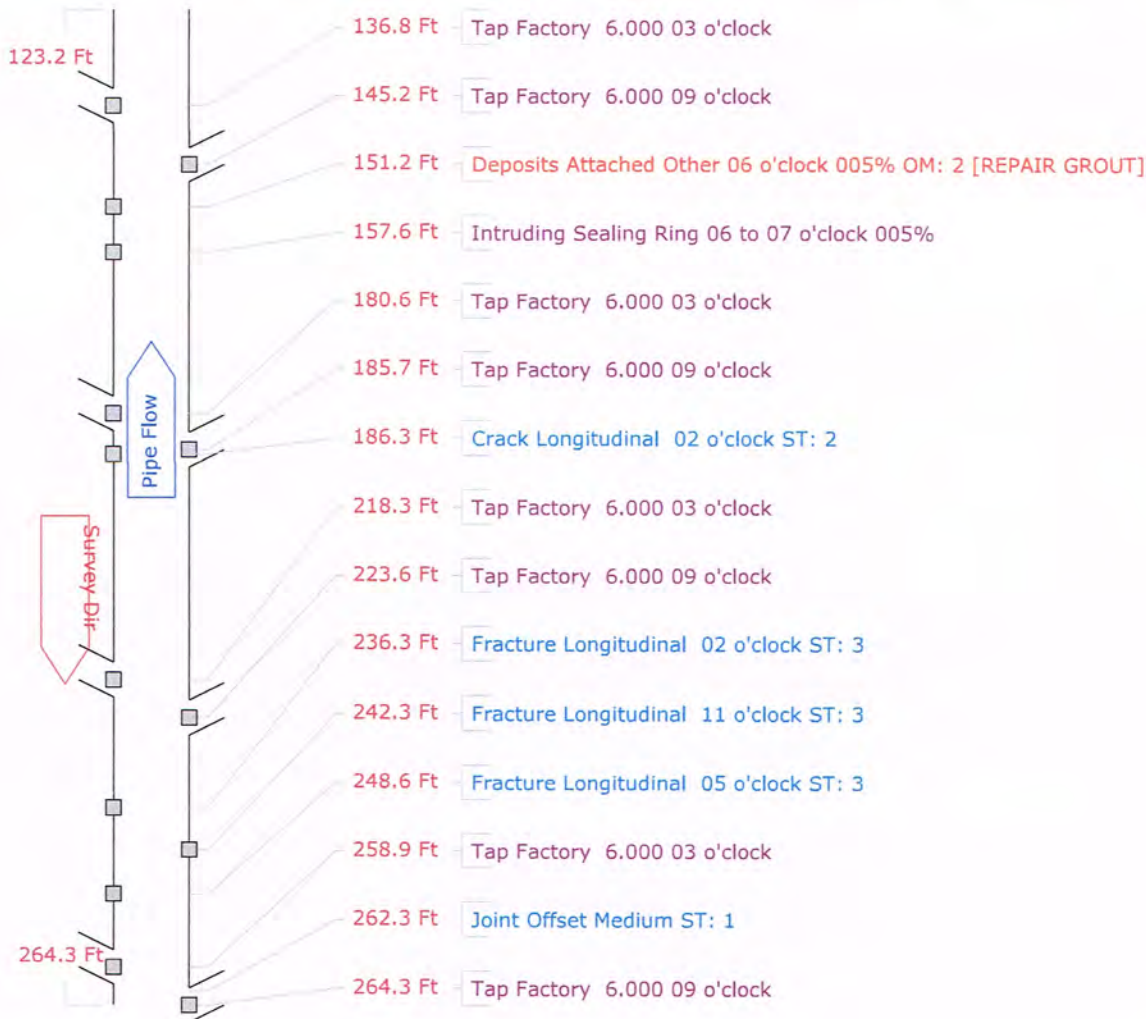


Pipe Graphic Report of PSR 15302

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 16	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/05/31	Time	11:52	Street	ILLINOIS AVE
City	MANATEE COUNTY		Further location details		15302.1 1909 ILLINOIS AVE.	
Start	15301		Rim to invert	4.40	Grade to invert	Rim to grade Ft
Finish	15302		Rim to invert	4.30	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No 15302.1
Shape	Circular		Height	8	Width ins Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 388.1	Ft Length Surveyed 388.10
Lining			Year laid	Year rehabilitated		Weather Dry
Purpose			Cat			
Additional info	EAST				Structural	O&M Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY				Work Order	
Northing	1122716.21		Easting	467613.44 Elevation		
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy	

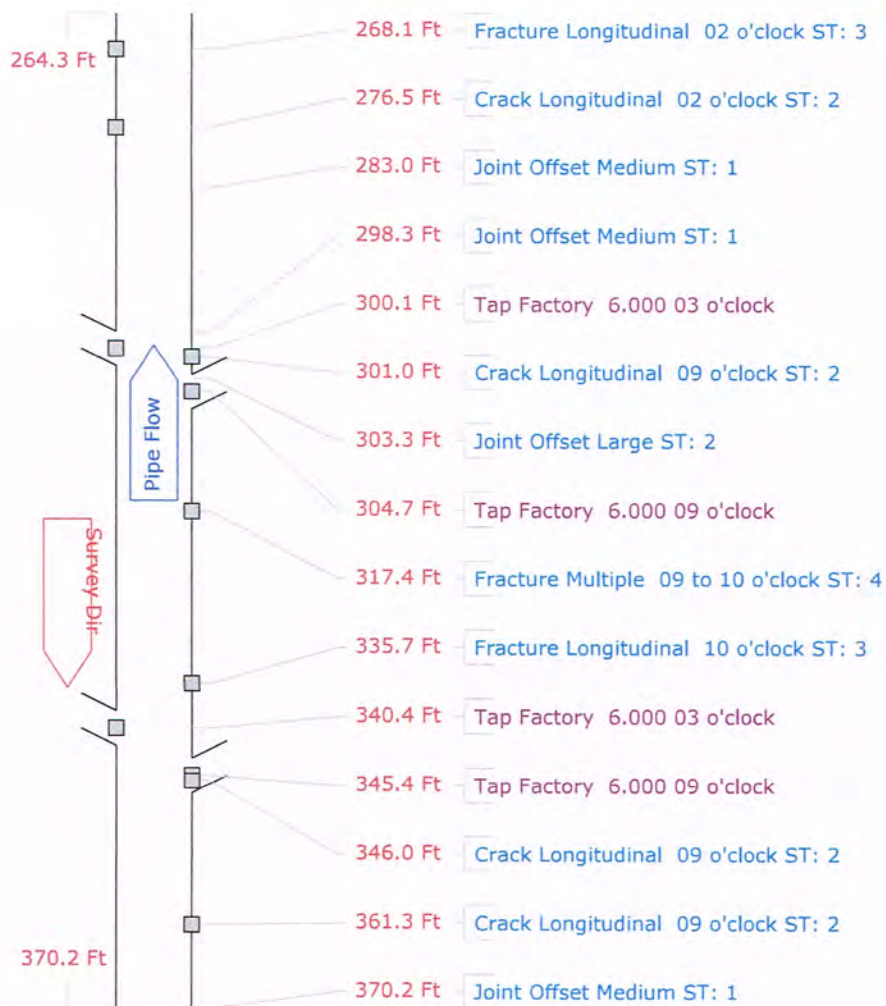


Pipe Graphic Report of PSR 15302

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 16	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/31	Time	11:52	Street	ILLINOIS AVE	
City	MANATEE COUNTY		Further location details		15302.1 1909 ILLINOIS AVE.		
Start	15301		Rim to invert	4.40	Grade to invert	Rim to grade	Ft
Finish	15302		Rim to invert	4.30	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No	15302.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	388.1 Ft	Length Surveyed 388.10
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	EAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1122716.21		Easting	467613.44		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

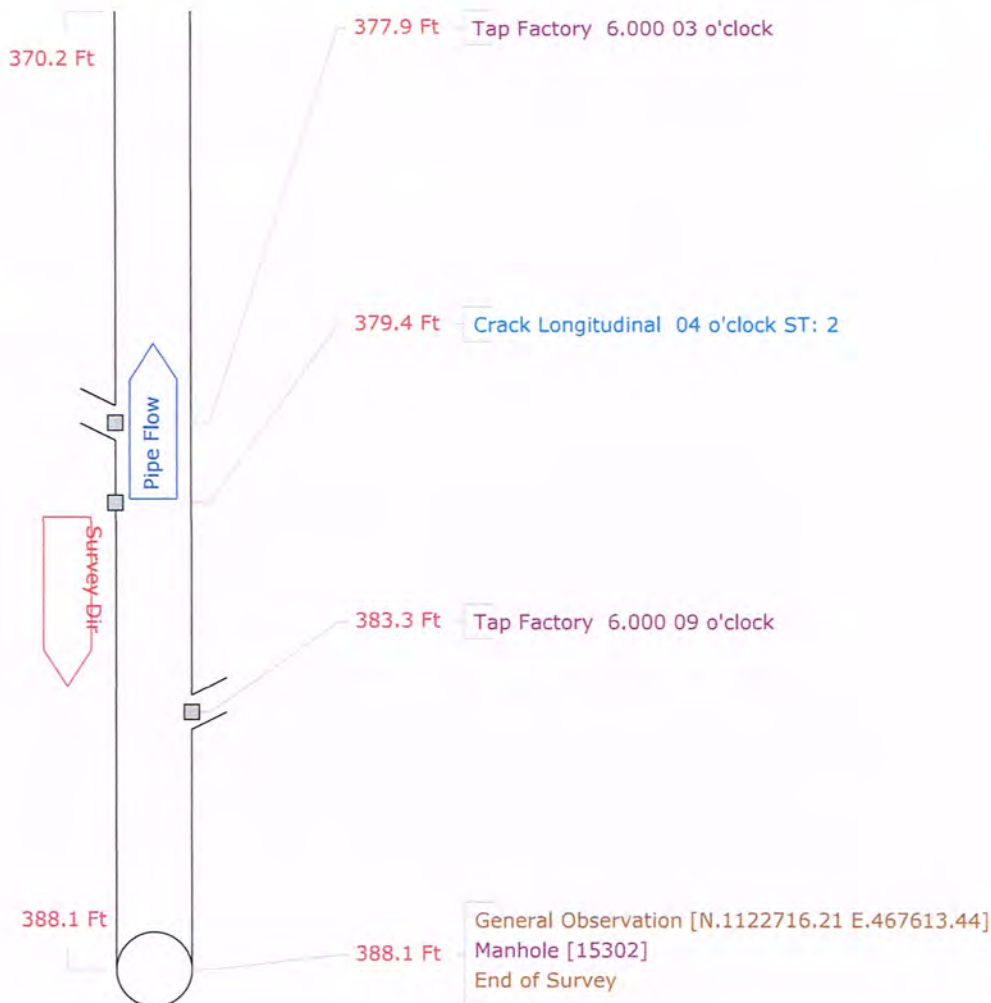


Pipe Graphic Report of PSR 15302

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 16	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 11:52	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details 15302.1 1909 ILLINOIS AVE.		
Start 15301	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15302	Rim to invert 4.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15302.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length	Ft Total length 388.1	Ft Length Surveyed 388.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY			Constructional
Northing 1122716.21	Easting 467613.44	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

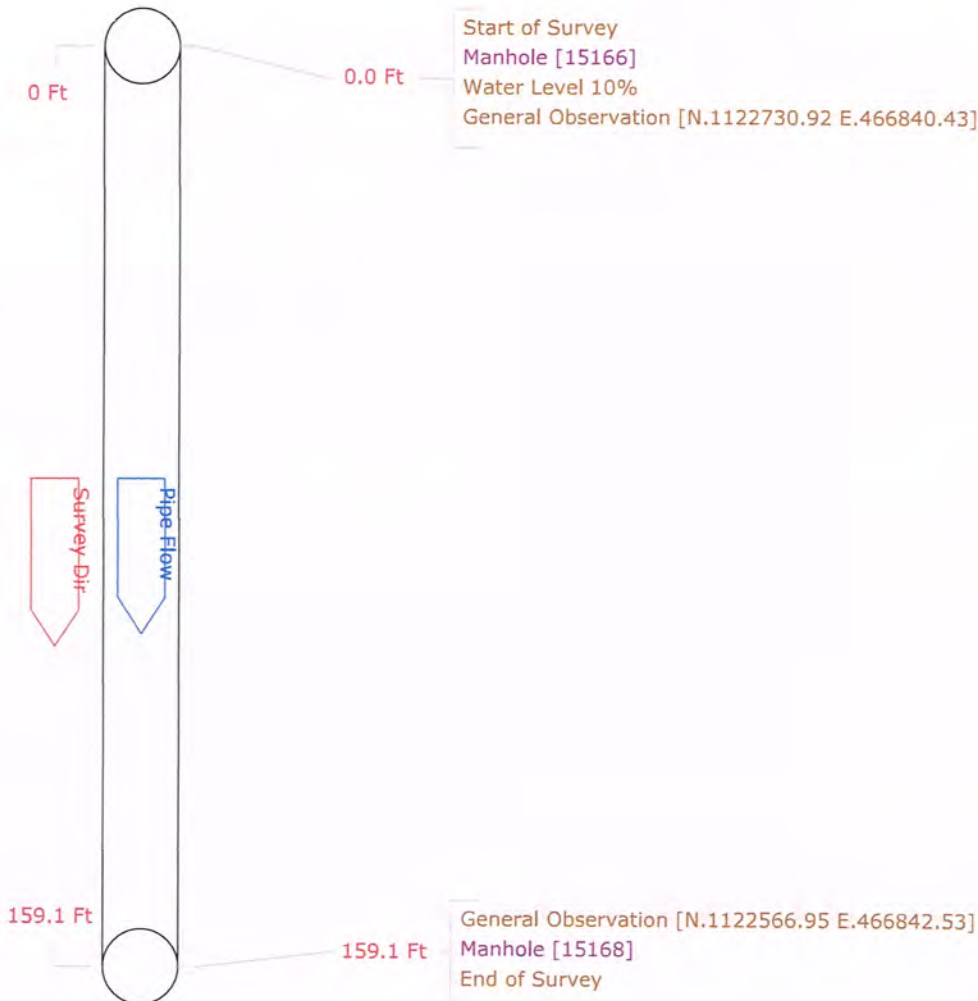


Pipe Graphic Report of PSR 15166

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 17	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 13:05	Street ILLINOIS AVE
City MANATEE COUNTY	Further location details	15166.1 2115 ILLINOIS AVE	
Start 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15168	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 15166.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length Ft	Total length 159.1 Ft	Length Surveyed 159.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122730.92	Easting 466840.43	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

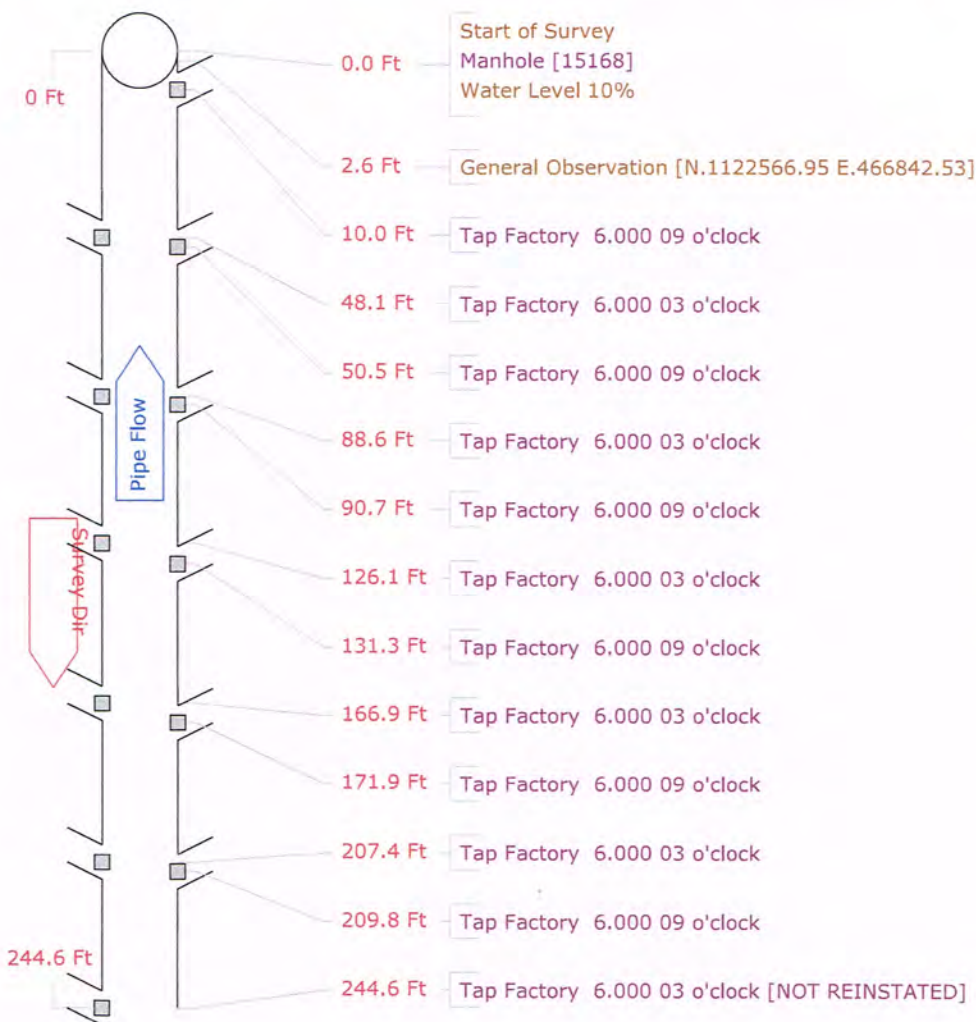


Pipe Graphic Report of PSR 17794

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 18	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 13:40	Street IOWA AVE
City MANATEE COUNTY	Further location details	17794.1 2013 IOWA AVE	
Start 15168	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 17794	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 17794.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length	Ft Total length 390.0	Ft Length Surveyed 390.00
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122559.31	Easting 467224.86	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

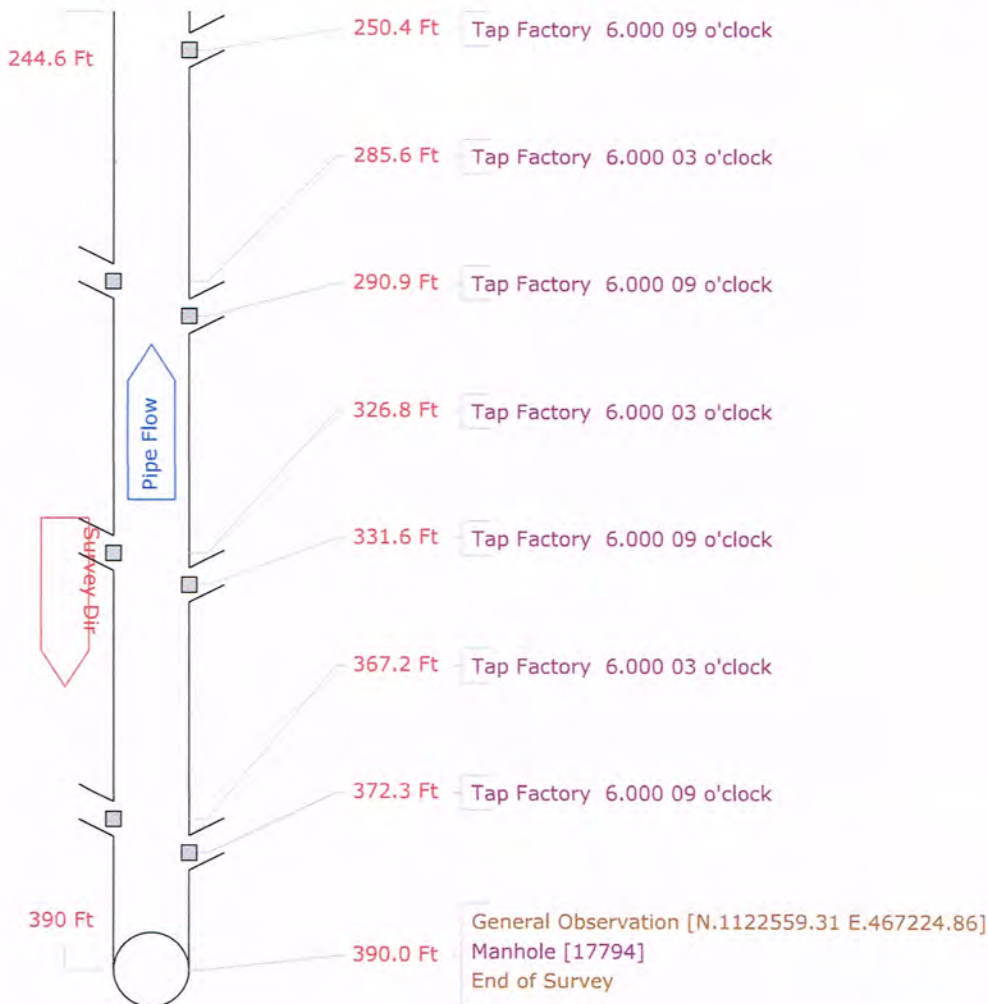


Pipe Graphic Report of PSR 17794

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 18	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/05/31	Time	13:40	Street	IOWA AVE	
City	MANATEE COUNTY		Further location details		17794.1 2013 IOWA AVE		
Start	15168		Rim to invert	8.00	Grade to invert	Rim to grade	Ft
Finish	17794		Rim to invert	4.40	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 17794.1
Shape	Circular		Height	8	Width	ins Preclean J	Year Cleaned 2012/05/31
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	390.0 Ft	Length Surveyed 390.00
Lining	Cured in Place		Year laid	Year rehabilitated		Weather	Dry
Purpose			Cat				
Additional info	EAST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1122559.31		Easting	467224.86		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

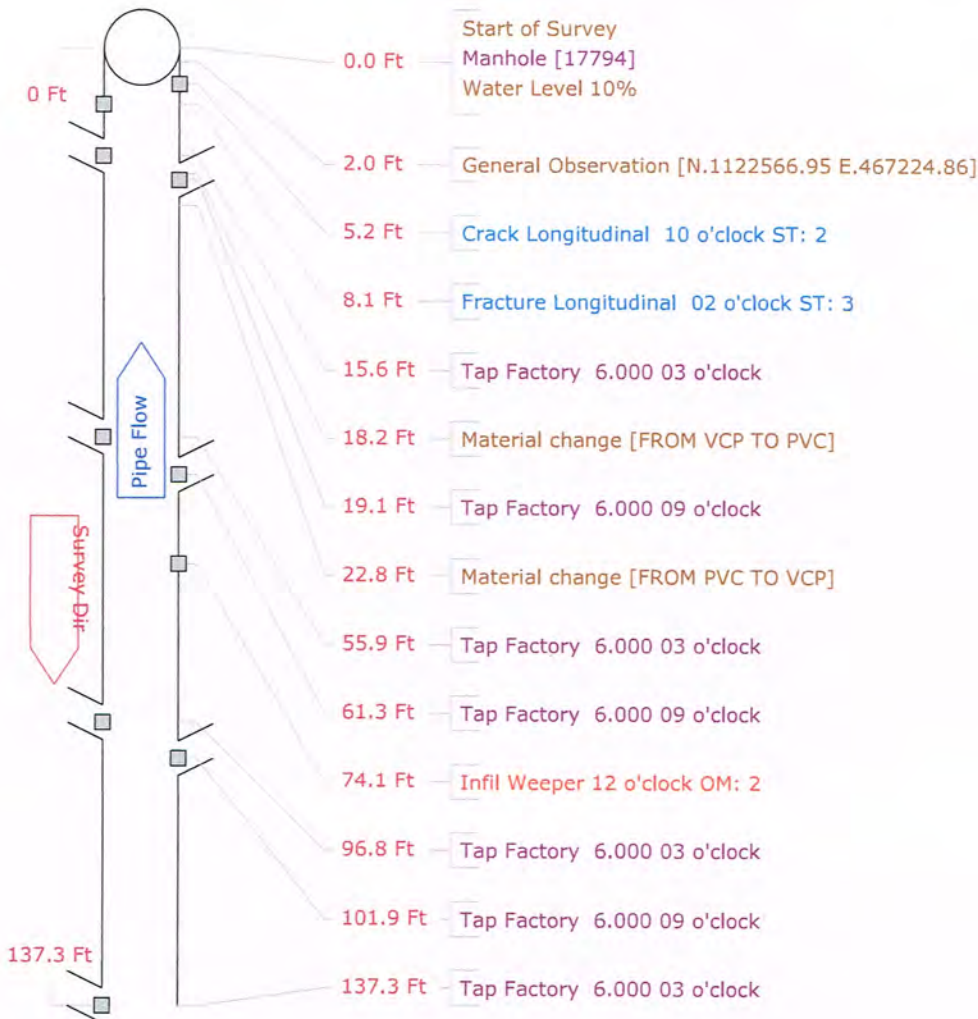


Pipe Graphic Report of PSR 15307

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 19	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 14:45	Street IOWA AVE
City MANATEE COUNTY	Further location details 15307.1	1909 IOWA AVE	
Start 17794	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15307	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15307.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length	Ft Total length 388.8	Ft Length Surveyed 388.80
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY			Constructional
Northing 1122545.48	Easting 467224.86	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

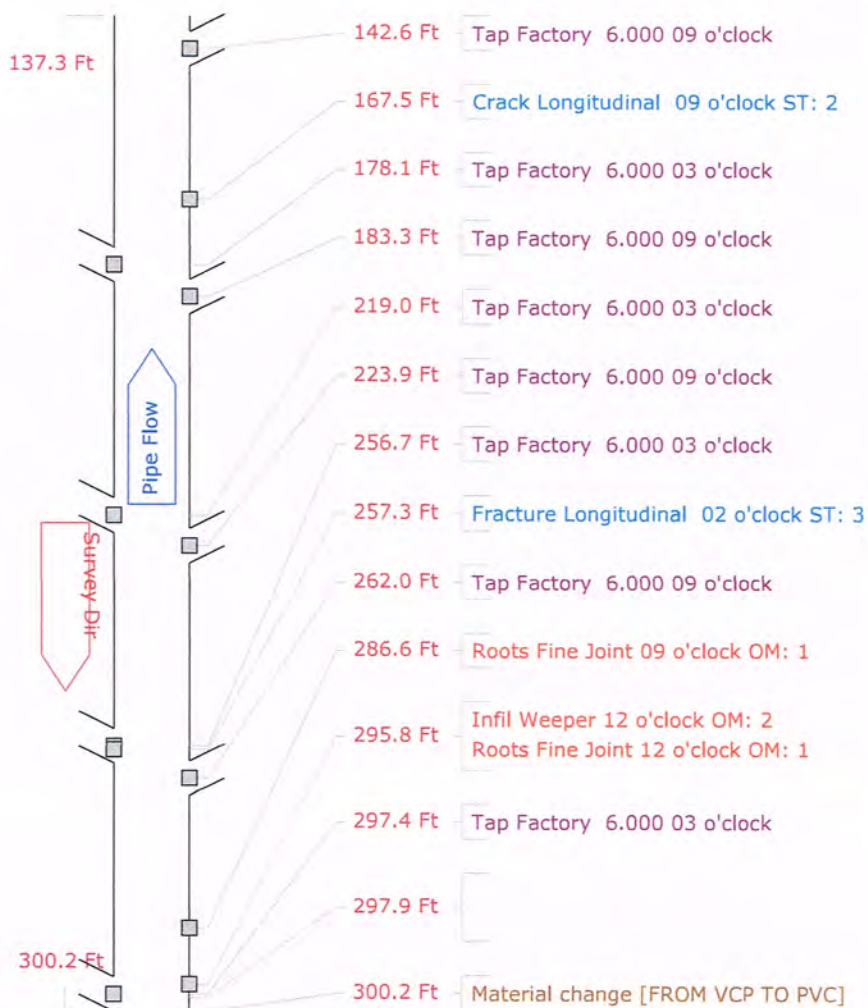


Pipe Graphic Report of PSR 15307

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 19	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 14:45	Street IOWA AVE
City MANATEE COUNTY	Further location details 15307.1 1909 IOWA AVE		
Start 17794	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15307	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15307.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length	Ft Total length 388.8	Ft Length Surveyed 388.80
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122545.48	Easting 467224.86	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

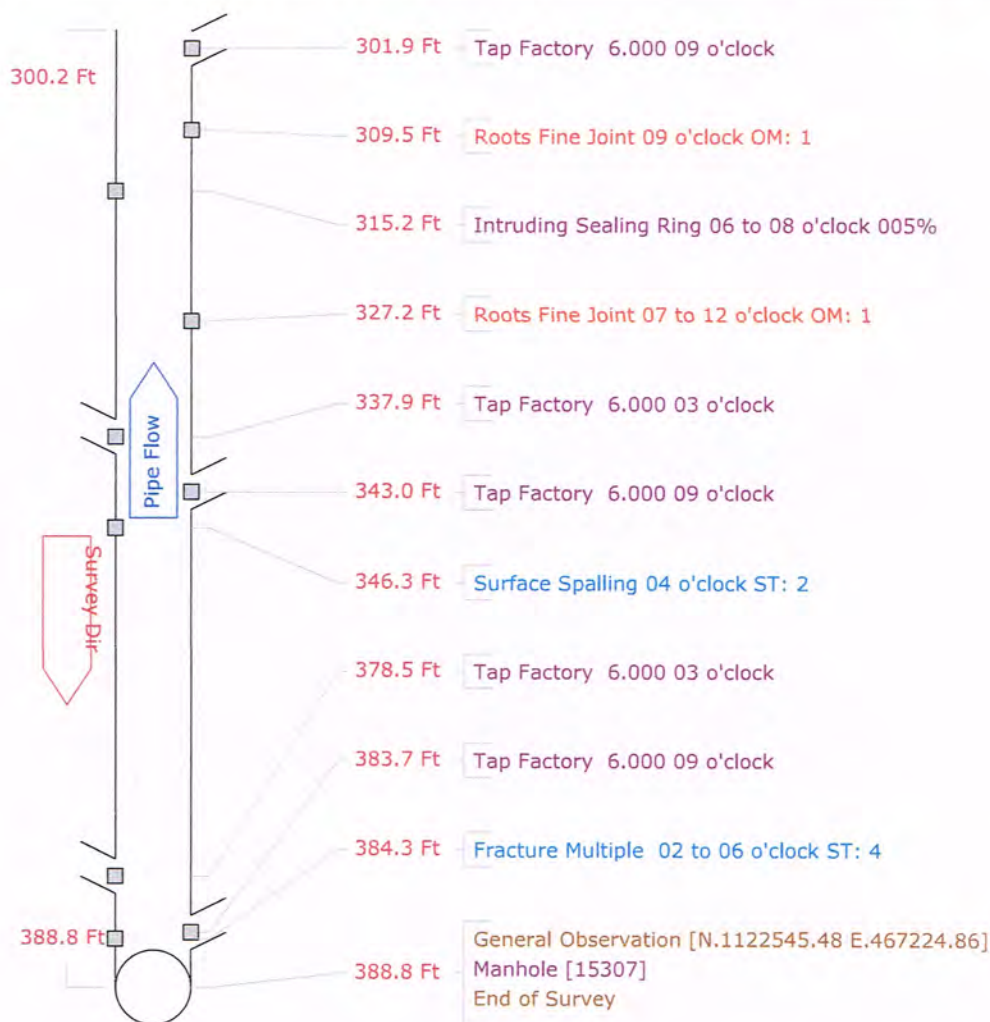


Pipe Graphic Report of PSR 15307

X

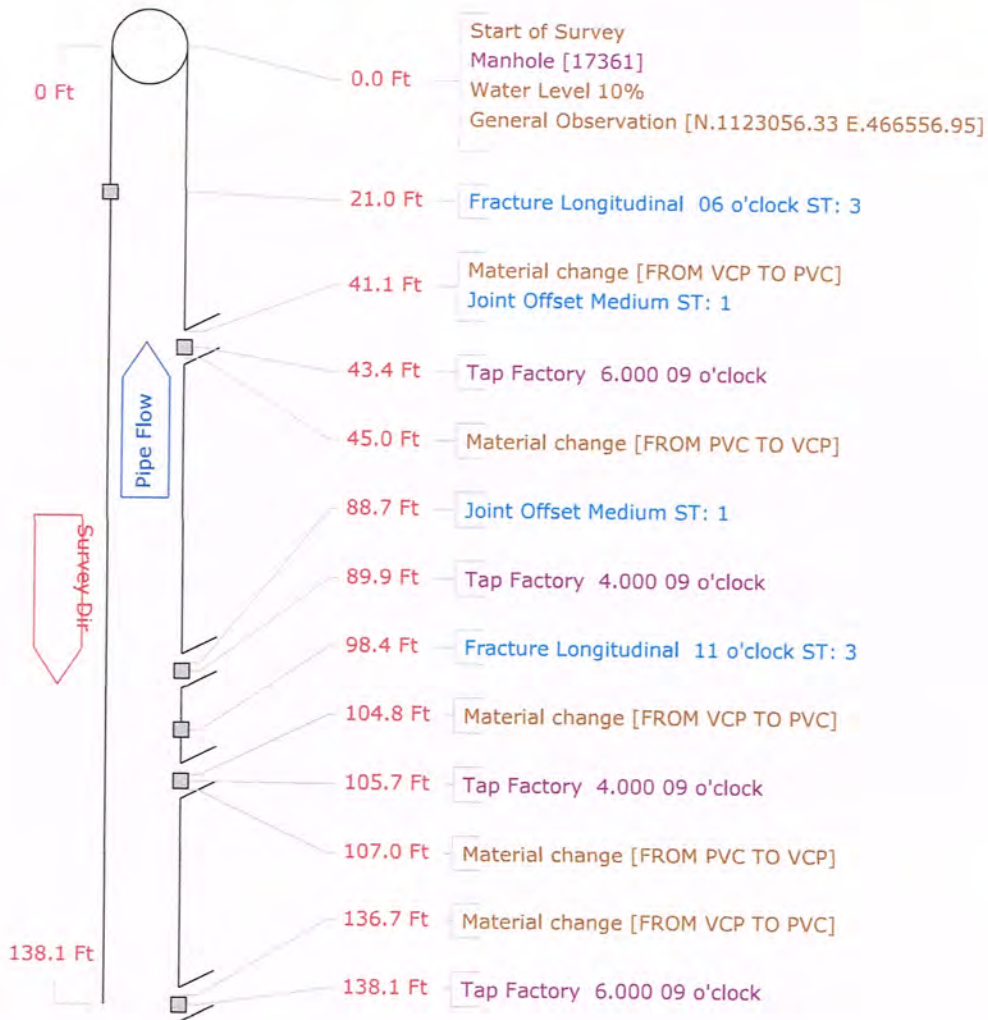
for TRAILER ESTATES INITIAL CCTV SANIT

Setup 19	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/05/31	Time 14:45	Street IOWA AVE
City MANATEE COUNTY	Further location details	15307.1	1909 IOWA AVE
Start 17794	Rim to invert 4.40	Grade to invert	Rim to grade Ft
Finish 15307	Rim to invert 4.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15307.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/05/31
Material Vitrified Clay Pipe	Joint length	Ft Total length 388.8	Ft Length Surveyed 388.80
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122545.48	Easting 467224.86	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



Pipe Graphic Report of PSR 15221 X for TRAILER ESTATES INITIAL CCTV SANIT

Setup 20	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/01	Time 8:55	Street MARINA DR.
City MANATEE COUNTY	Further location details	15221.1 6706 MARINA DR	
Start 17361	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 15221	Rim to invert 2.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15221.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/06/01
Material Vitrified Clay Pipe	Joint length	Ft Total length 233.5	Ft Length Surveyed 233.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info NORTH		Structural Miscellaneous O&M Hydraulic Constructional	
Location Easement/Right of Way		Work Order	
Project INITIAL CCTV SANITARY			
Northing 1123290.37	Easting 466558.24	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

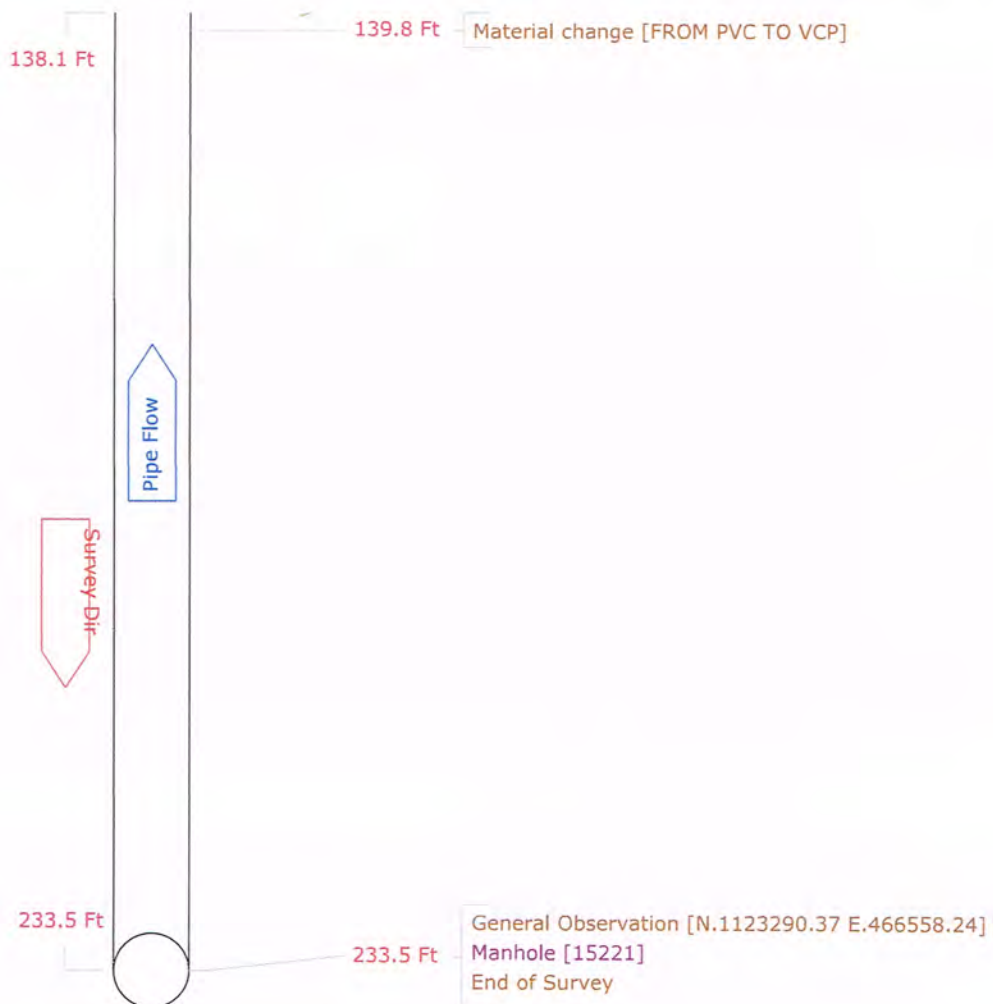


Pipe Graphic Report of PSR 15221

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 20	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/01	Time 8:55	Street MARINA DR.
City MANATEE COUNTY	Further location details	15221.1 6706 MARINA DR	
Start 17361	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 15221	Rim to invert 2.90	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15221.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/06/01
Material Vitrified Clay Pipe	Joint length	Ft Total length 233.5	Ft Length Surveyed 233.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1123290.37	Easting 466558.24	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

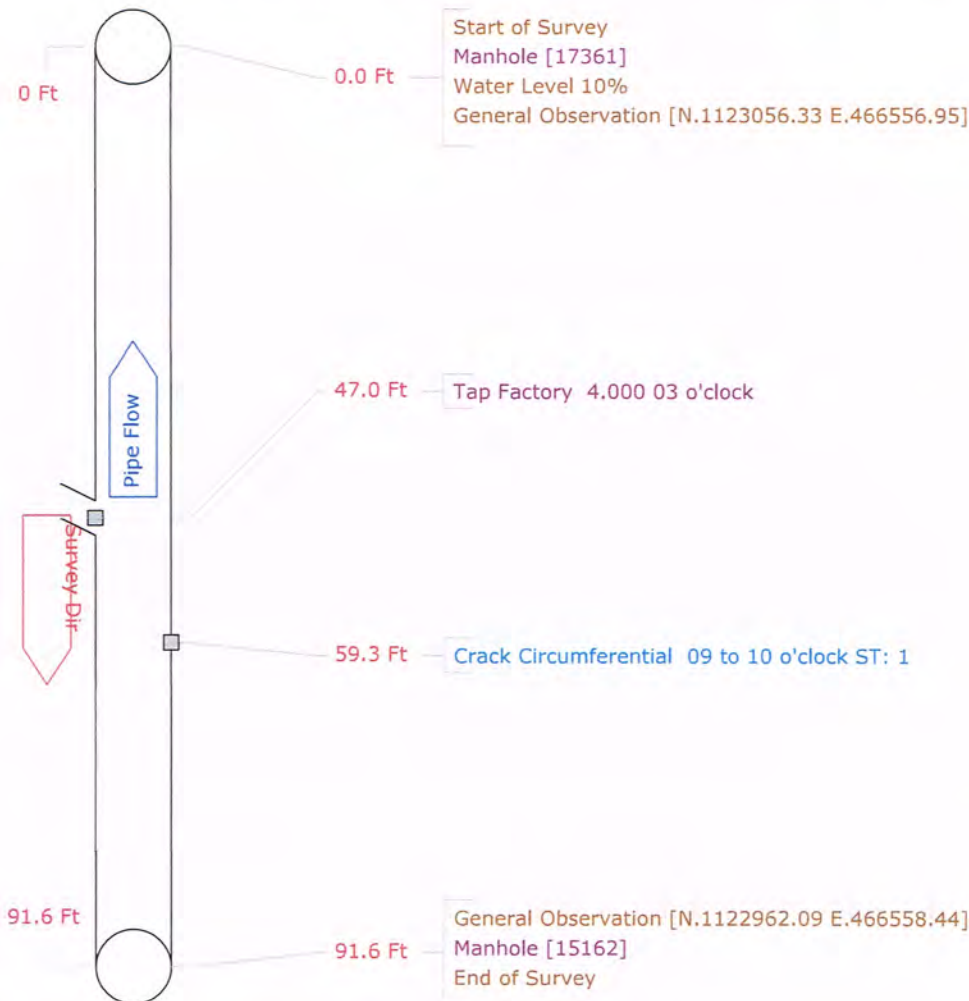


Pipe Graphic Report of PSR 15162

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 21	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/06/01	Time	10:53	Street	MARINA DR.	
City	MANATEE COUNTY		Further location details		15162.1 6716 MARINA DR.		
Start	17361		Rim to invert	4.10	Grade to invert	Rim to grade	Ft
Finish	15162		Rim to invert	3.00	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 15162.1
Shape	Circular		Height	6	Width	ins Preclean J	Year Cleaned 2012/06/01
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	91.6 Ft	Length Surveyed 91.60
Lining			Year laid	Year rehabilitated		Weather	Dry
Purpose			Cat				
Additional info	SOUTH				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1122962.09		Easting	466558.44		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

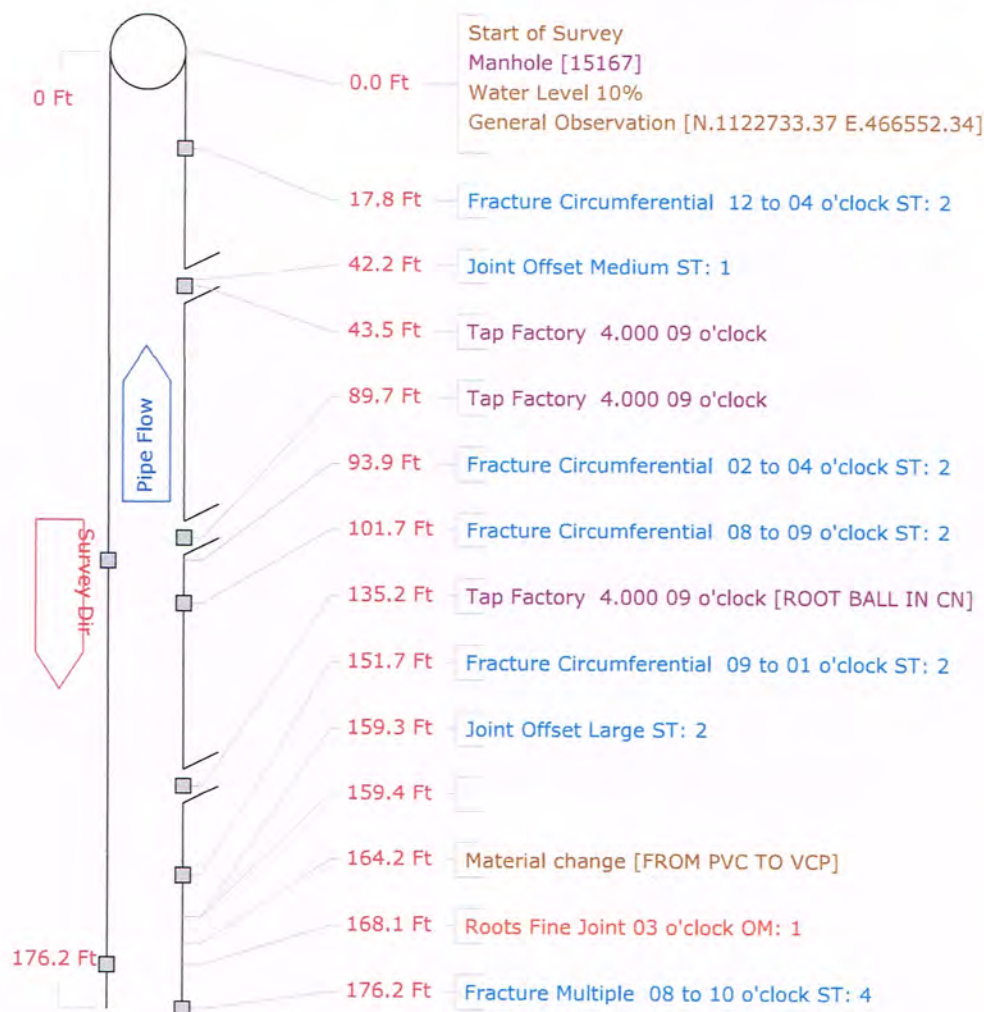


Pipe Graphic Report of PSR 15163

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	22	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES	
Drainage	Survey Customer			TRAILER ESTATES				
P/O #	Date		2012/06/01	Time	11:49	Street	MARINA DR.	
City	MANATEE COUNTY			Further location details		15163.1 6718 MARINA DR.		
Start	15167			Rim to invert	4.90	Grade to invert	Rim to grade	Ft
Finish	15163			Rim to invert	3.00	Grade to invert	Rim to grade	Ft
Use	Sanitary			Direction	Upstream	Flow control	Media No	15163.1
Shape	Circular			Height	6	Width	ins Preclean J	Year Cleaned 2012/06/01
Material	Vitrified Clay Pipe			Joint length	Ft	Total length	182.1	Ft Length Surveyed 182.10
Lining				Year laid		Year rehabilitated	Weather	Dry
Purpose				Cat				
Additional info	NORTH					Structural	O&M	Constructional
Location	Easement/Right of Way					Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY					Work Order		
Northing	1122919.49			Easting	466560.18		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)					GPS Accuracy		

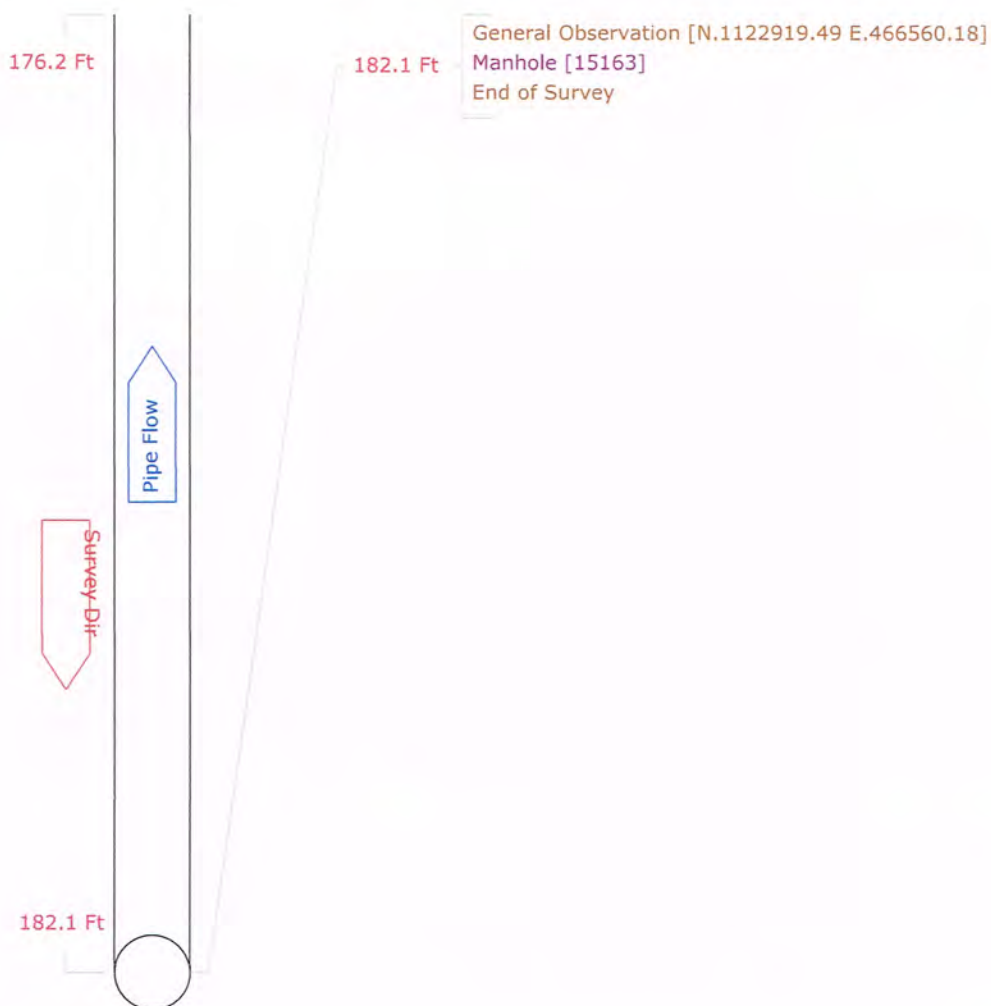


Pipe Graphic Report of PSR 15163

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 22	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/01	Time 11:49	Street MARINA DR.
City MANATEE COUNTY	Further location details 15163.1 6718 MARINA DR.		
Start 15167	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Finish 15163	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15163.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/06/01
Material Vitrified Clay Pipe	Joint length	Ft Total length 182.1	Ft Length Surveyed 182.10
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info NORTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Work Order	
Northing 1122919.49		Easting 466560.18	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		Elevation	
		GPS Accuracy	

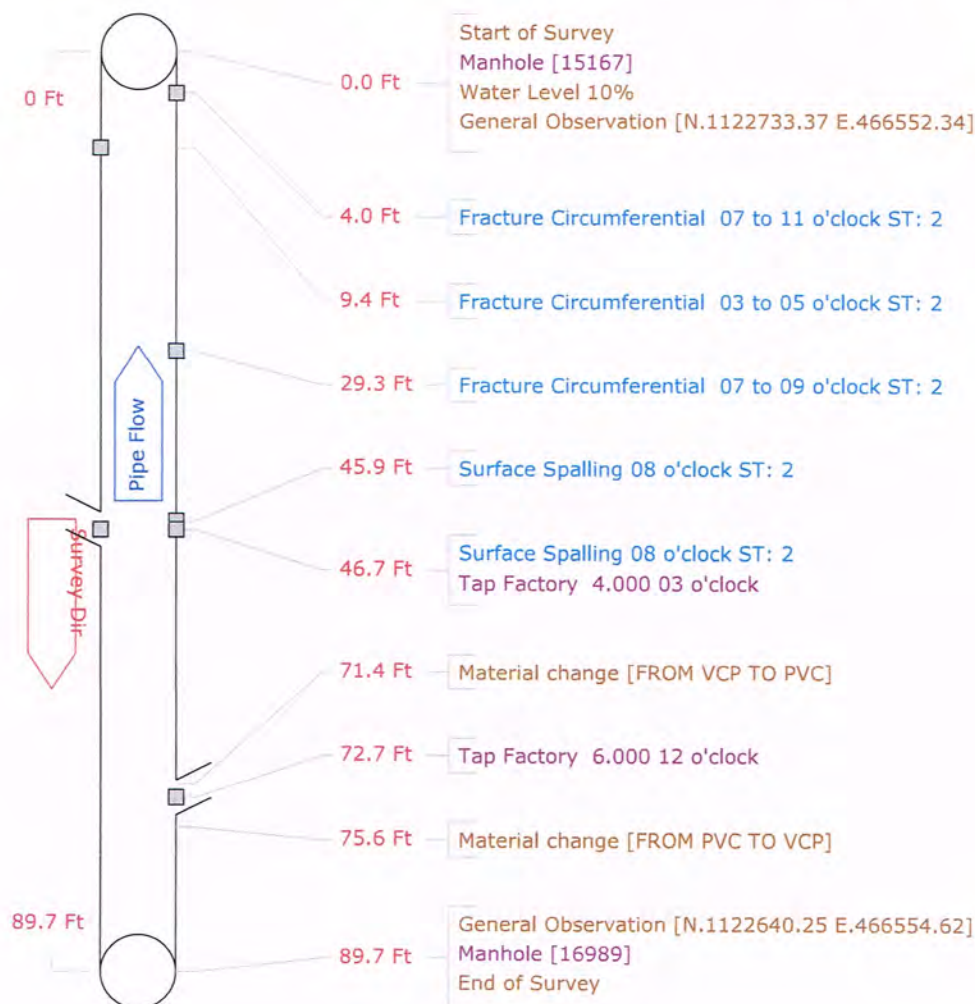


Pipe Graphic Report of PSR 16989

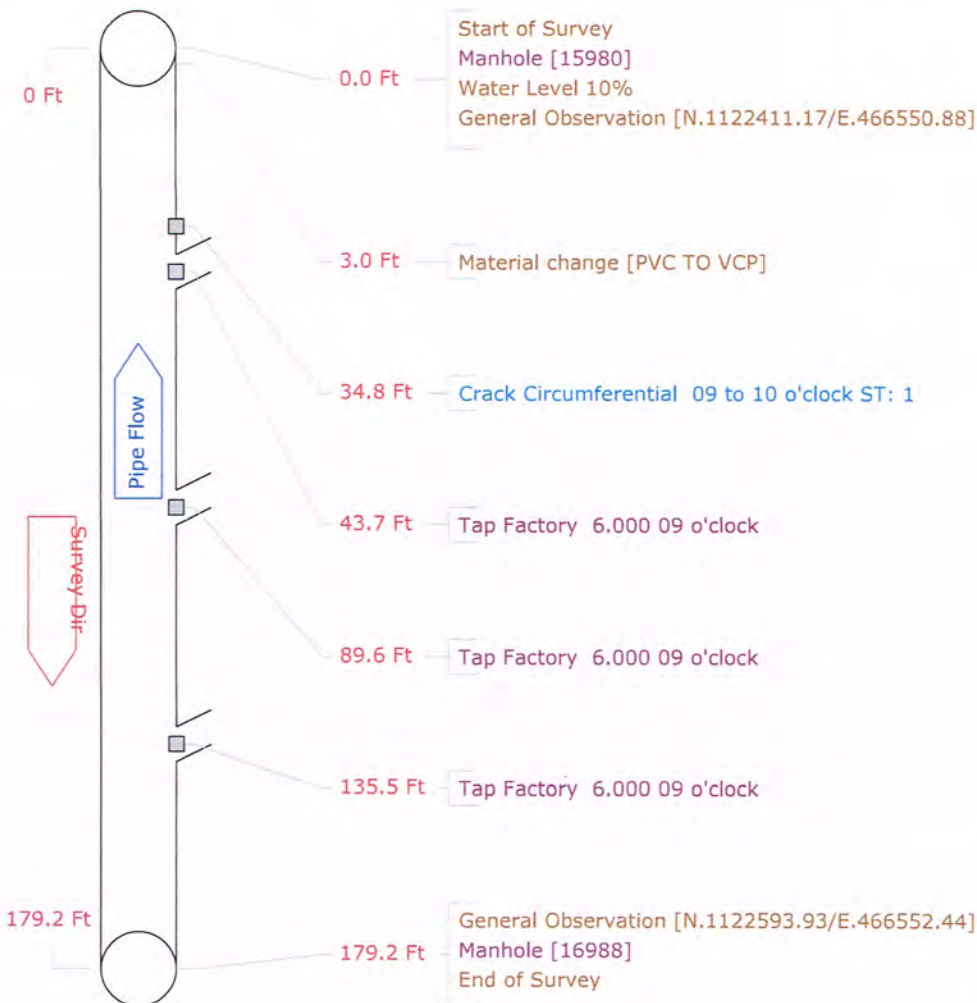
X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 23	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/01	Time 12:46	Street MARINA DR.
City MANATEE COUNTY	Further location details	16989.1 6730 MARINA DR	
Start 15167	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Finish 16989	Rim to invert 4.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 16989.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/06/01
Material Vitrified Clay Pipe	Joint length	Ft Total length 89.7	Ft Length Surveyed 89.70
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH			
Location Easement/Right of Way			
Project INITIAL CCTV SANITARY			
Northing 1122640.25	Easting 466554.62	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



Setup	24	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/06/04	Time	8:11	Street	MARINA DR.
City	MANATEE COUNTY	Further location details	16988.1 6732 MARINA DR				
Start	15980	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Finish	16988	Rim to invert	3.20	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	16988.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	179.2	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	NORTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY					Constructional	
Northing	1122593.93	Easting	466552.44	Elevation		Work Order	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

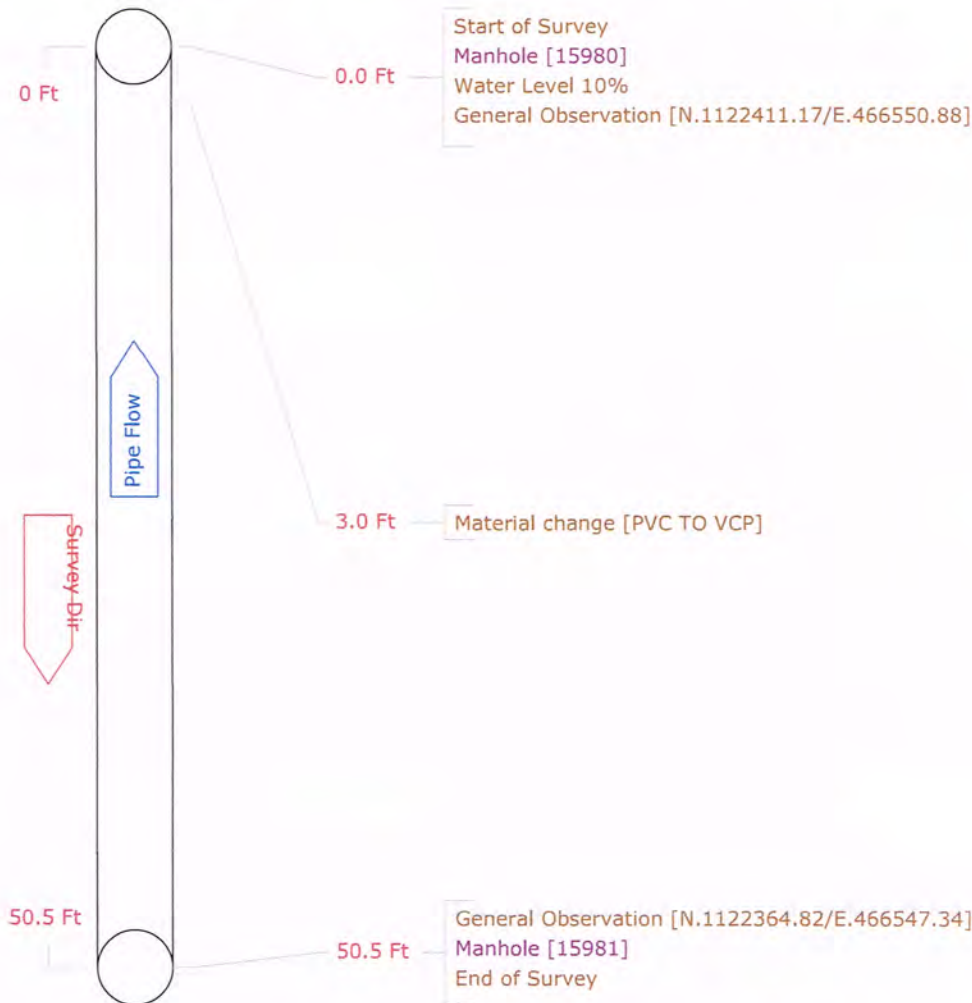


Pipe Graphic Report of PSR 15981

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	25	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/06/04	Time	8:45	Street	MARINA DR.
City	MANATEE COUNTY	Further location details	15981.1 6810 MARINA DR				
Start	15980	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Finish	15981	Rim to invert	3.00	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	15981.1
Shape	Circular	Height	6	Width	ins	Preclean	J
Material	Vitrified Clay Pipe	Joint length		Ft	Total length	50.5	Ft
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	SOUTH					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY					Constructional	
Northing	1122364.82	Easting	466547.34	Elevation		Work Order	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

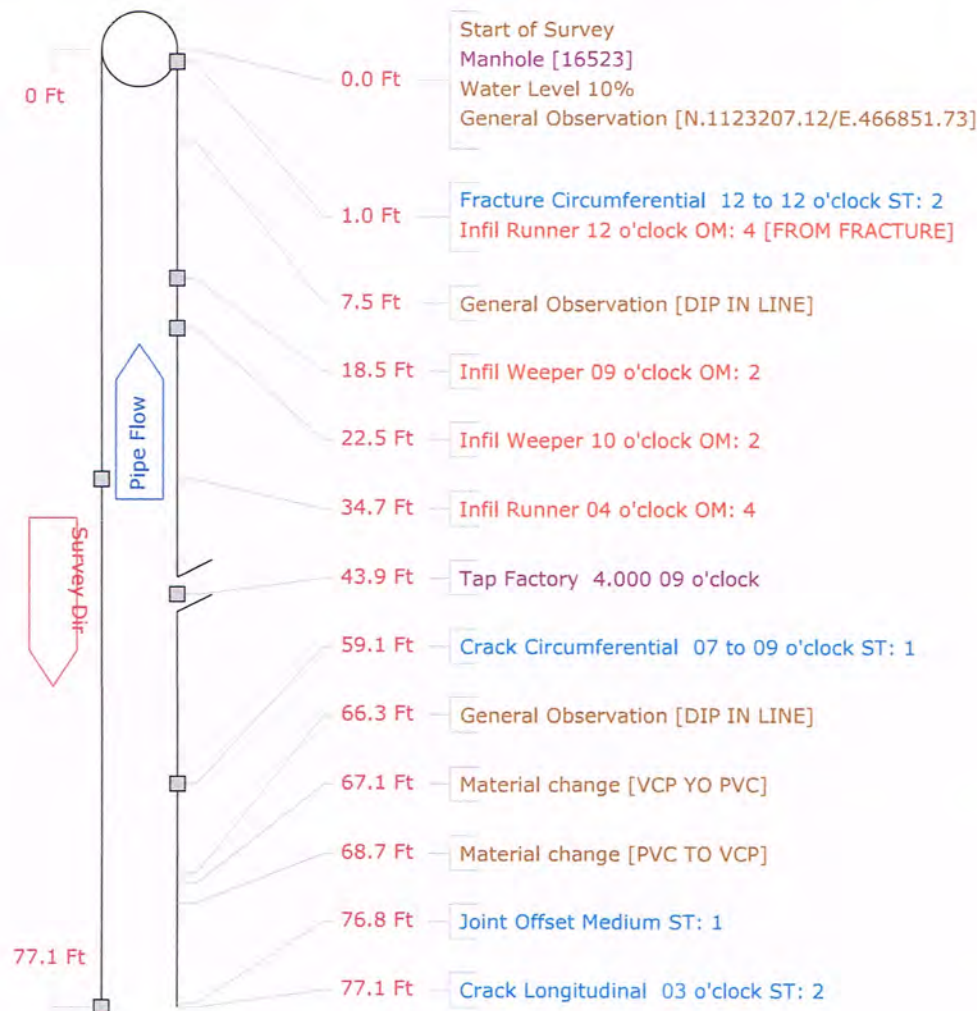


Pipe Graphic Report of PSR 15222

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 26	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/06/04	Time	9:44	Street	OHIO AVE	
City	MANATEE COUNTY		Further location details		15222.1 2209 OHIO AVE		
Start	16523		Rim to invert	8.00	Grade to invert	Rim to grade	Ft
Finish	15222		Rim to invert	4.00	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No	15222.1
Shape	Circular		Height	6	Width	ins Preclean J	Year Cleaned 2012/06/04
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	246.3 Ft	Length Surveyed 246.30
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose					Cat		
Additional info	WEST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1123222.21		Easting	466600.13		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

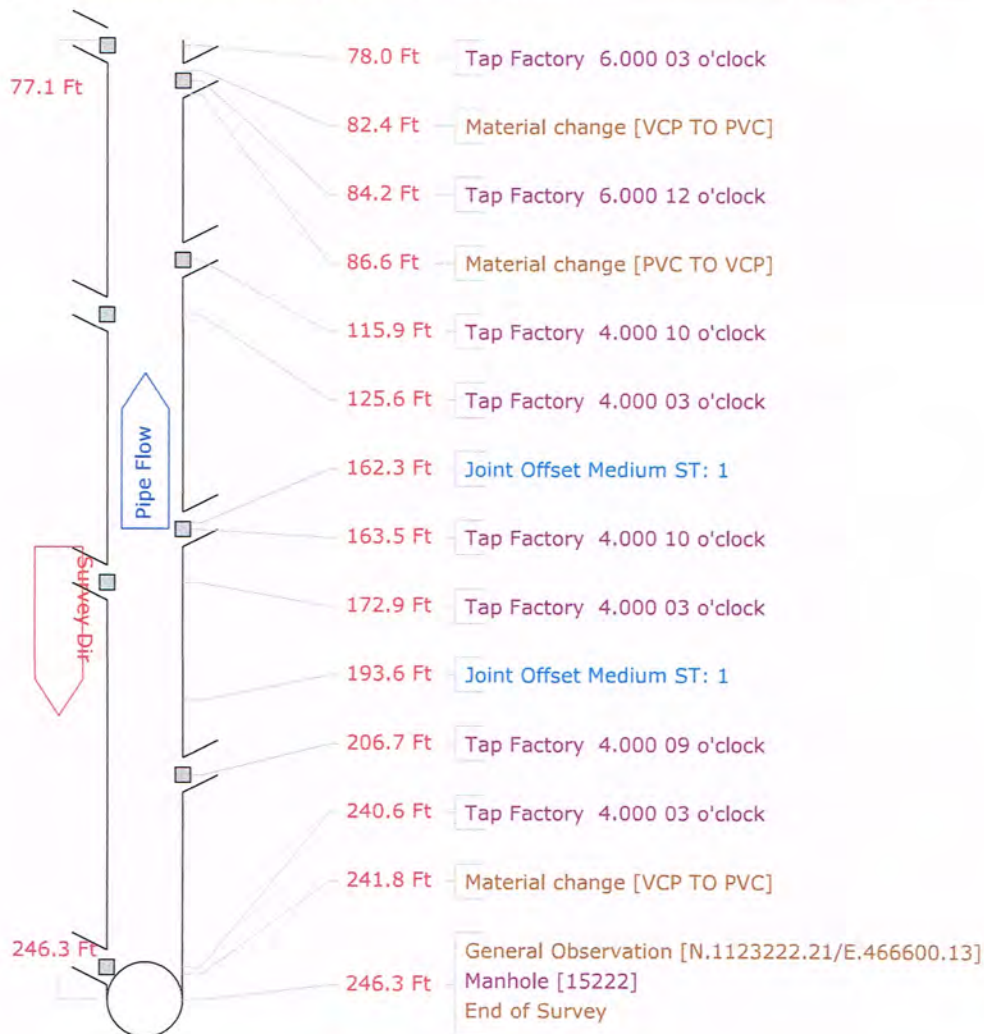


Pipe Graphic Report of PSR 15222

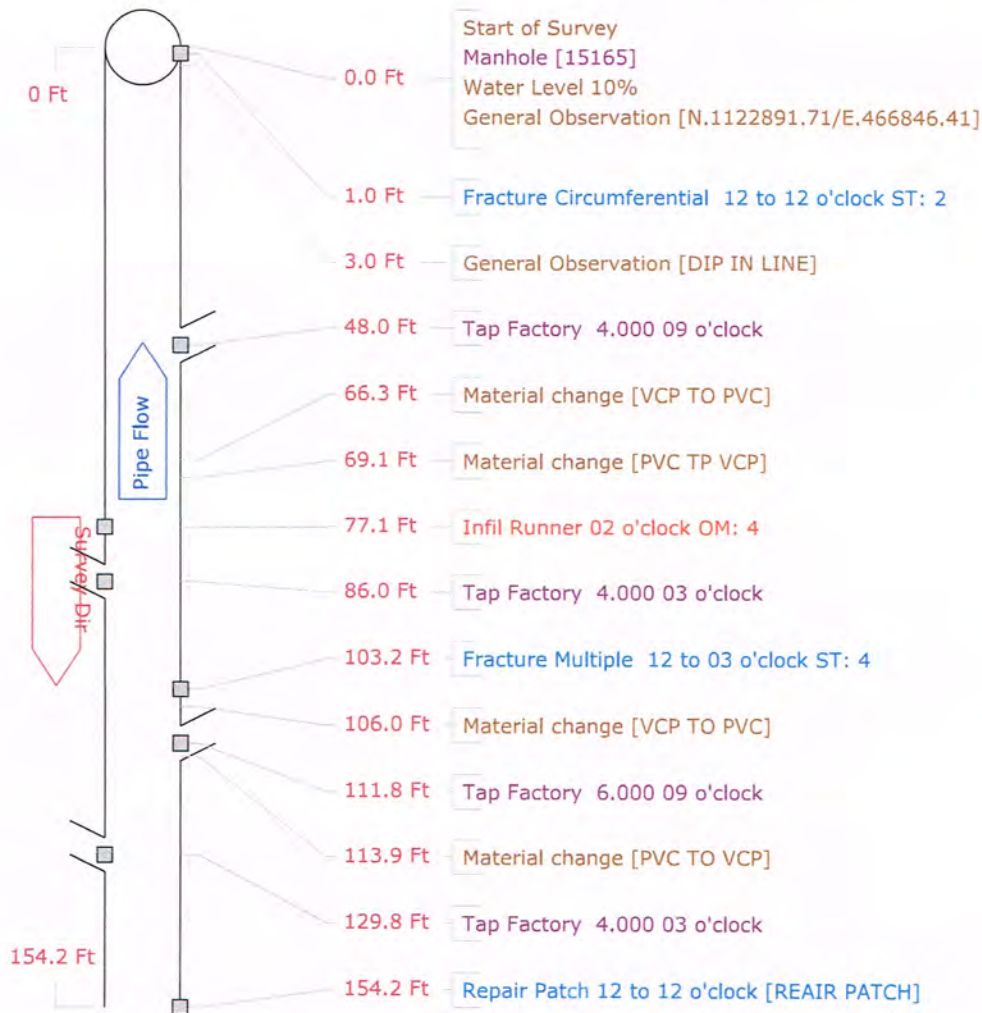
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for TRAILER ESTATES INITIAL CCTV SANIT

Setup 26	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/04	Time 9:44	Street OHIO AVE
City MANATEE COUNTY	Further location details	15222.1 2209 OHIO AVE	
Start 16523	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 15222	Rim to invert 4.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15222.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/06/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 246.3	Ft Length Surveyed 246.30
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1123222.21		Easting 466600.13	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		Elevation	
		GPS Accuracy	
		Work Order	



Setup 27	Surveyor TIM	Certificate # U-307-1521	System Owner .TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/04	Time 11:41	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details	15164.1	2209 MINNESOTA AVE
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15164	Rim to invert 4.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15164.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/06/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 245.3	Ft Length Surveyed 245.30
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info WEST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project INITIAL CCTV SANITARY			Work Order
Northing 1122894.07	Easting 466596.11		Elevation
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy

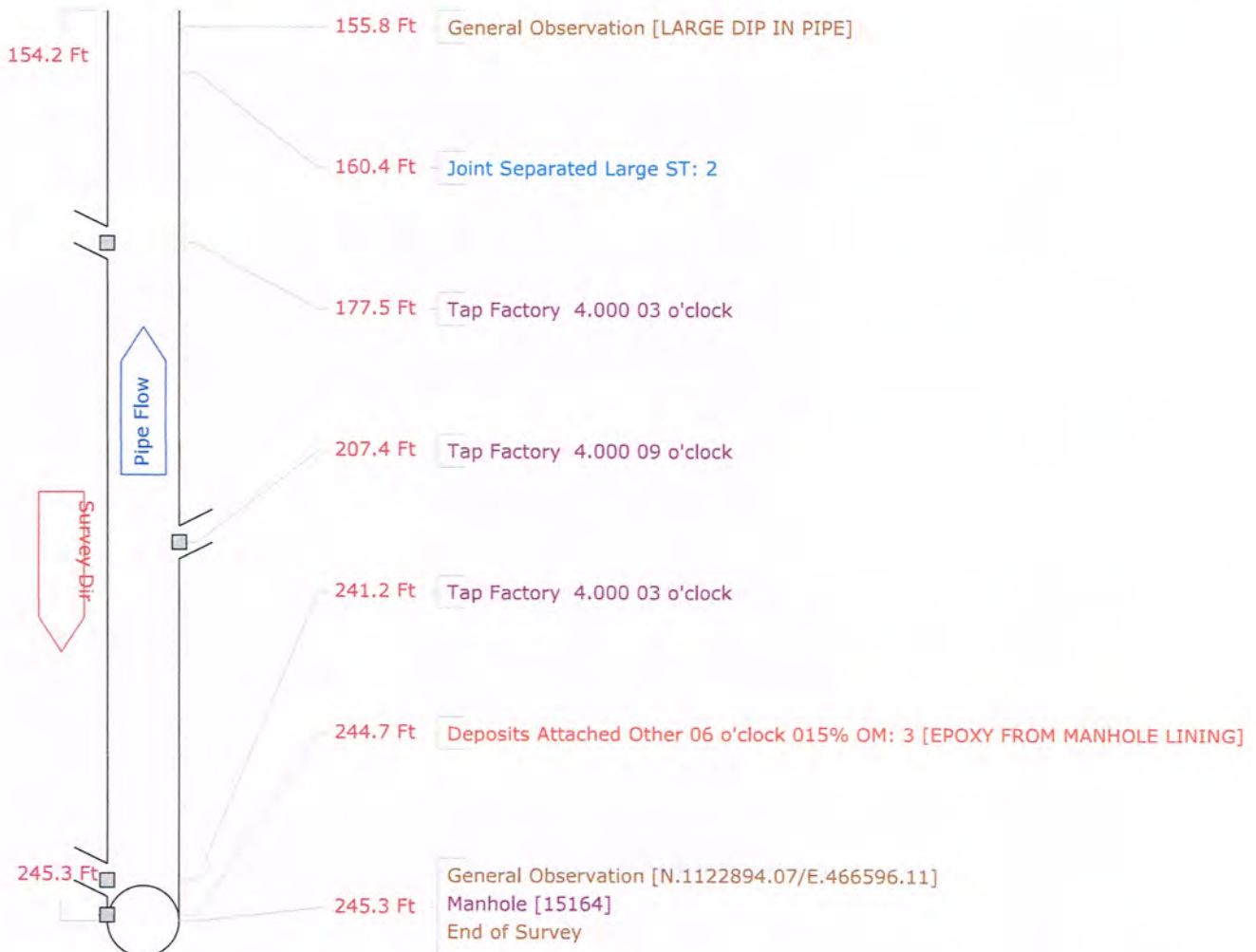


Pipe Graphic Report of PSR 15164

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 27	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/04	Time 11:41	Street MINNESOTA AVE
City MANATEE COUNTY	Further location details	15164.1	2209 MINNESOTA AVE
Start 15165	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Finish 15164	Rim to invert 4.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 15164.1
Shape Circular	Height 6	Width ins Preclean J	Year Cleaned 2012/06/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 245.3	Ft Length Surveyed 245.30
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info WEST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project INITIAL CCTV SANITARY			Work Order
Northing 1122894.07	Easting 466596.11	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

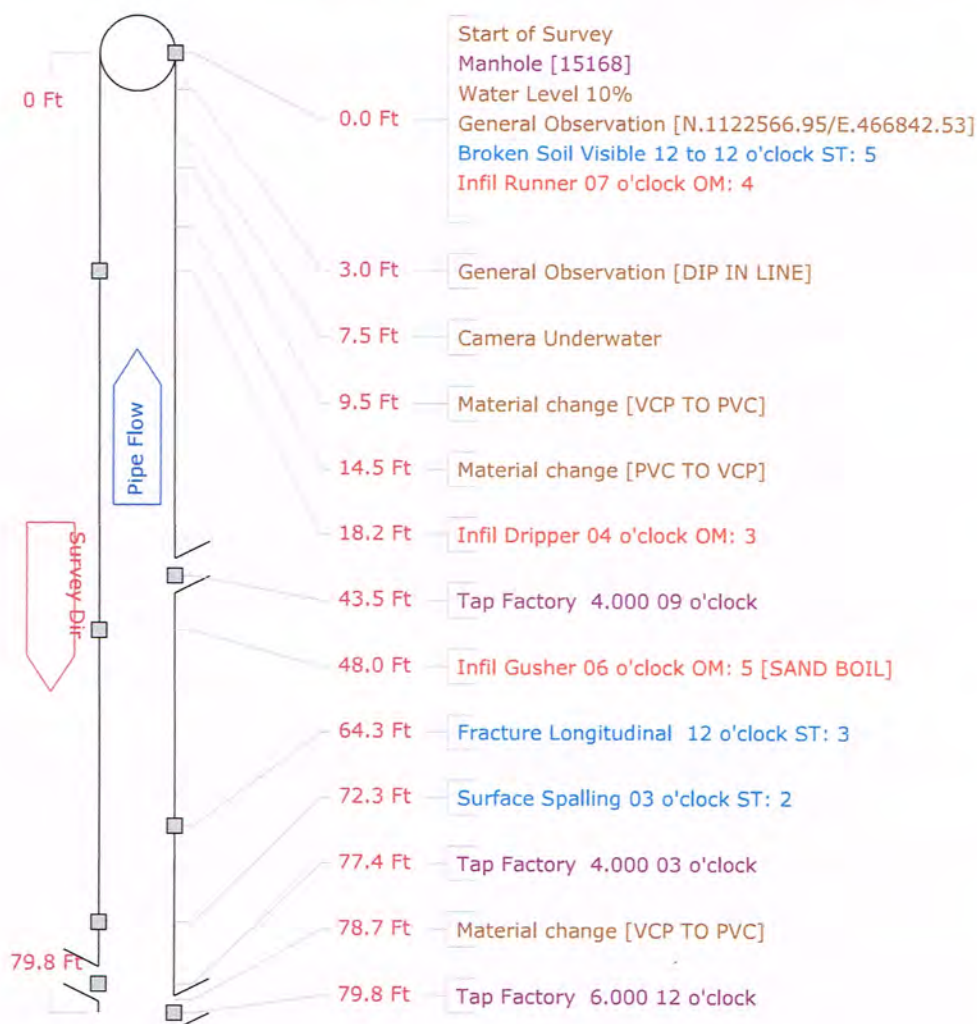


Pipe Graphic Report of PSR 16987

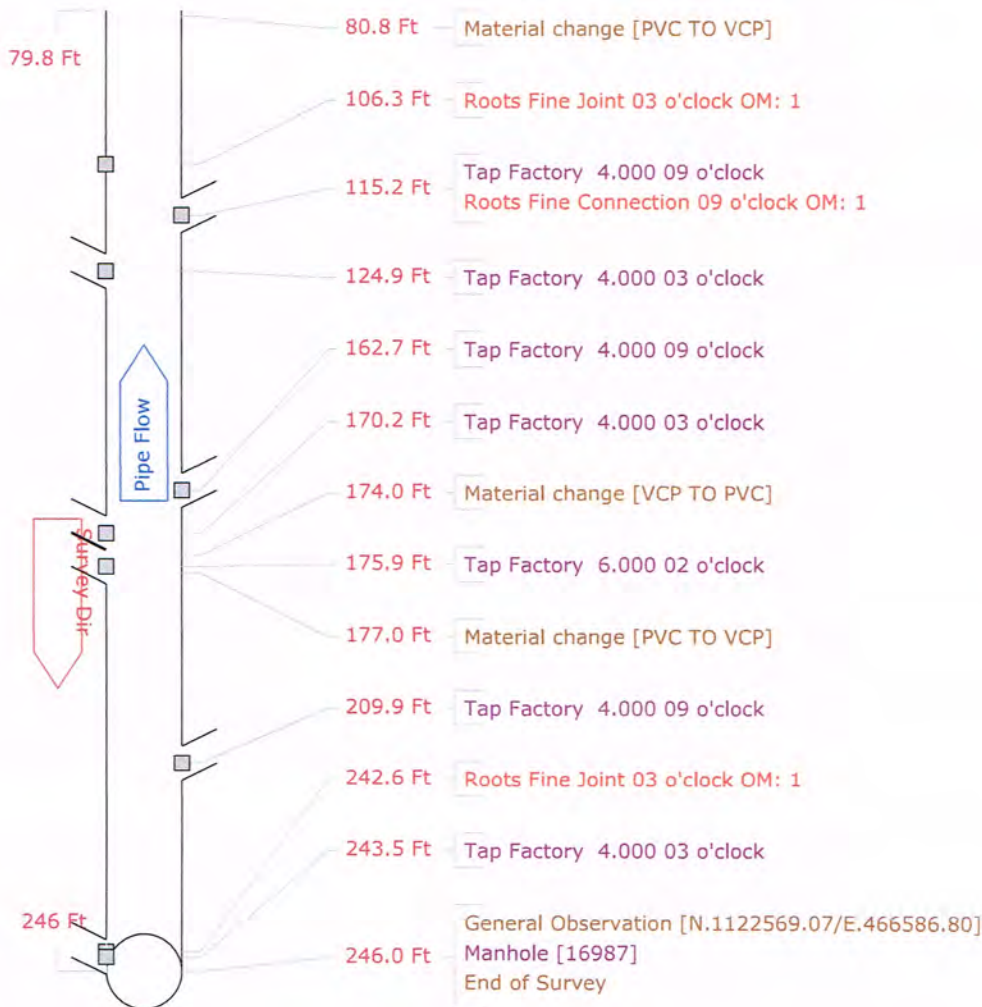
X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 28	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/04	Time	13:02	Street	IOWA AVE
City	MANATEE COUNTY		Further location details 16987.1 2209 IOWA AVE			
Start	15168		Rim to invert	8.00	Grade to invert	Rim to grade Ft
Finish	16987		Rim to invert	3.90	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Upstream		Flow control Media No 16987.1
Shape	Circular		Height	6	Width ins Preclean J	Year Cleaned 2012/06/04
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 246.0 Ft	Length Surveyed 246.00
Lining			Year laid	Year rehabilitated		Weather Dry
Purpose			Cat			
Additional info	WEST				Structural	O&M Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY				Work Order	
Northing	1122569.07		Easting	466586.80		Elevation
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy	



Setup 28	Surveyor TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES				
P/O #	Date	2012/06/04	Time	13:02	Street	IOWA AVE	
City	MANATEE COUNTY		Further location details		16987.1 2209 IOWA AVE		
Start	15168		Rim to invert	8.00	Grade to invert	Rim to grade	Ft
Finish	16987		Rim to invert	3.90	Grade to invert	Rim to grade	Ft
Use	Sanitary		Direction	Upstream		Flow control	Media No 16987.1
Shape	Circular		Height	6	Width	ins Preclean J	Year Cleaned 2012/06/04
Material	Vitrified Clay Pipe		Joint length	Ft	Total length	246.0 Ft	Length Surveyed 246.00
Lining			Year laid		Year rehabilitated	Weather	Dry
Purpose			Cat				
Additional info	WEST				Structural	O&M	Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY				Work Order		
Northing	1122569.07		Easting	466586.80		Elevation	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				GPS Accuracy		

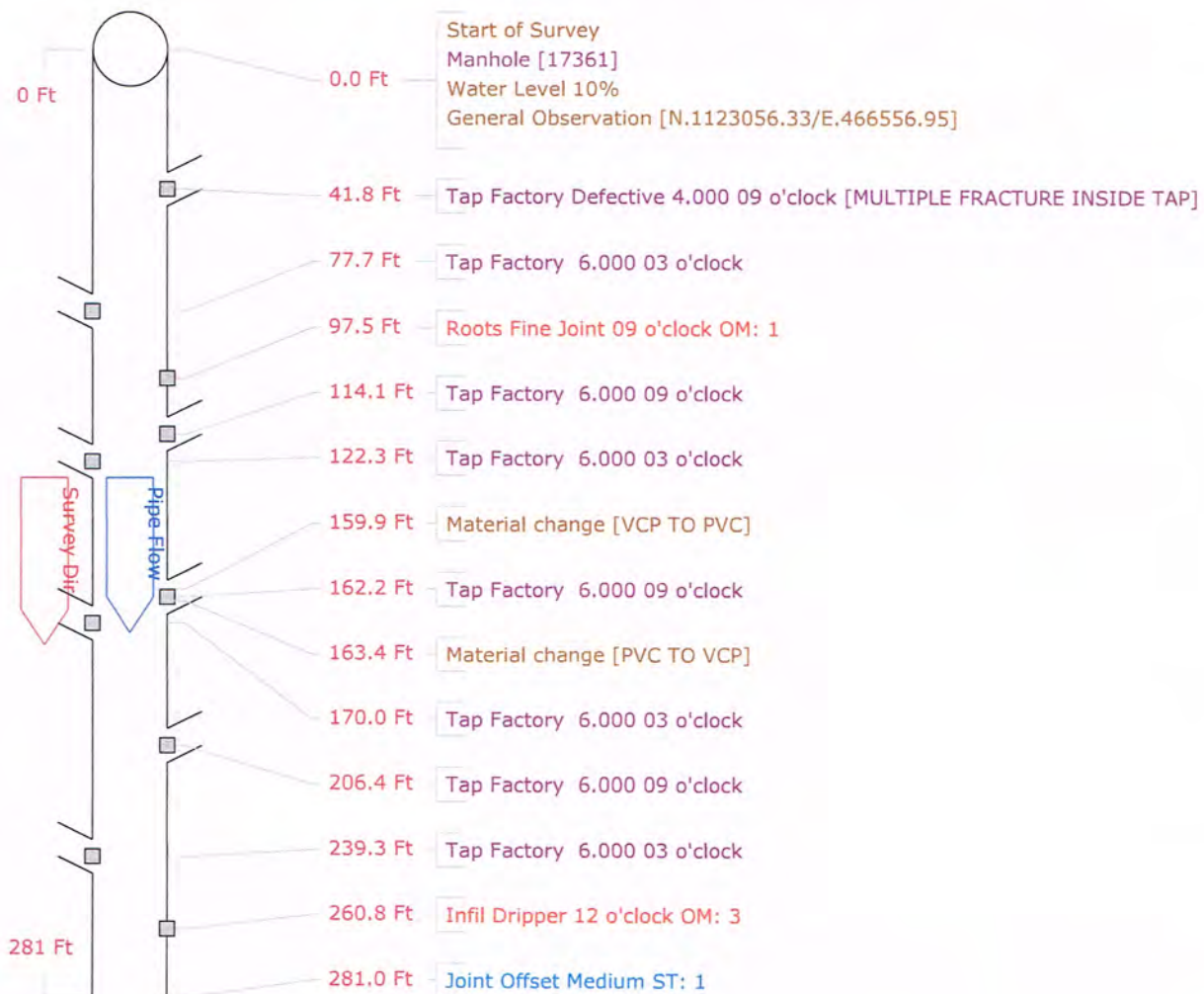


Pipe Graphic Report of PSR 17361

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 29	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/04	Time 14:41	Street MARINA DR
City MANATEE COUNTY	Further location details 17361.1 6712 MARINA DR		
Start 17361	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 17364	Rim to invert 7.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 17361.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/06/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 287.5	Ft Length Surveyed 287.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1123056.33	Easting 466556.95	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

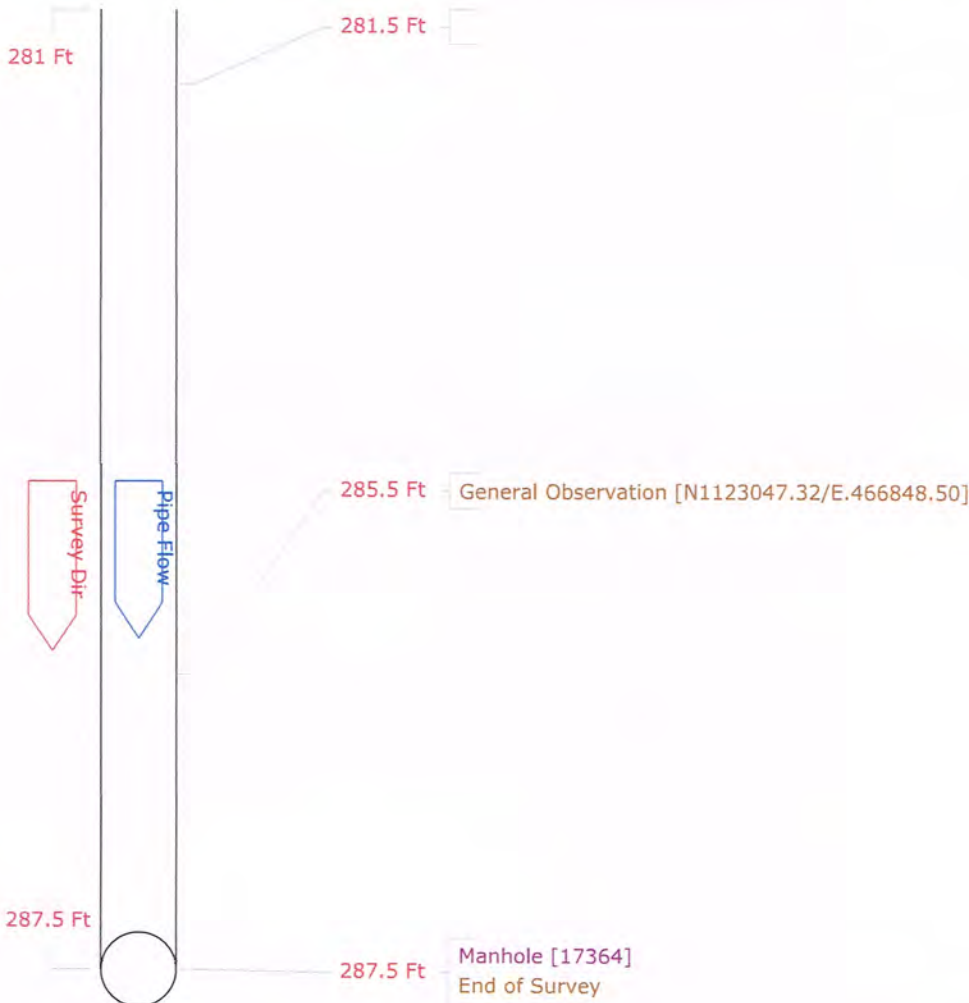


Pipe Graphic Report of PSR 17361

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 29	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/04	Time 14:41	Street MARINA DR
City MANATEE COUNTY	Further location details 17361.1 6712 MARINA DR		
Start 17361	Rim to invert 4.10	Grade to invert	Rim to grade Ft
Finish 17364	Rim to invert 7.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 17361.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/06/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 287.5	Ft Length Surveyed 287.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST	Structural		O&M
Location Easement/Right of Way	Miscellaneous		Hydraulic
Project INITIAL CCTV SANITARY	Work Order		
Northing 1123056.33	Easting 466556.95	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)	GPS Accuracy		

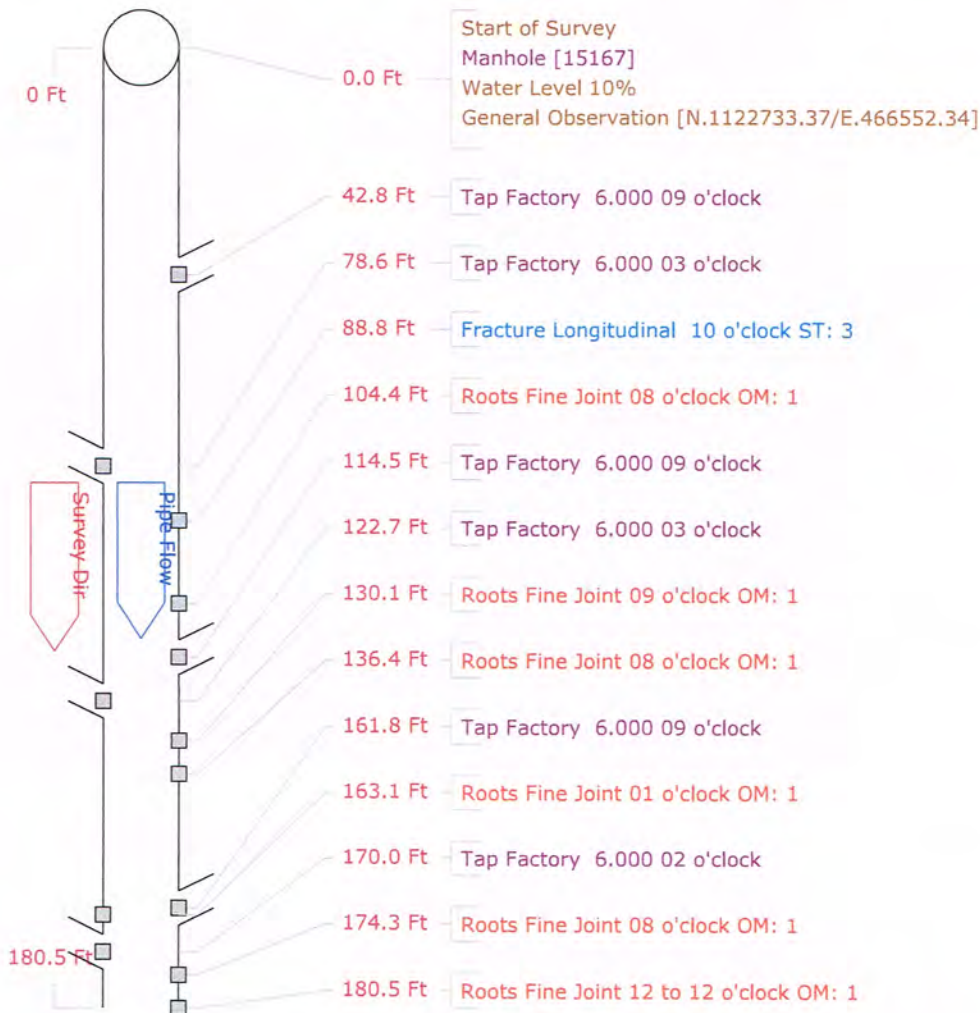


Pipe Graphic Report of PSR 15167

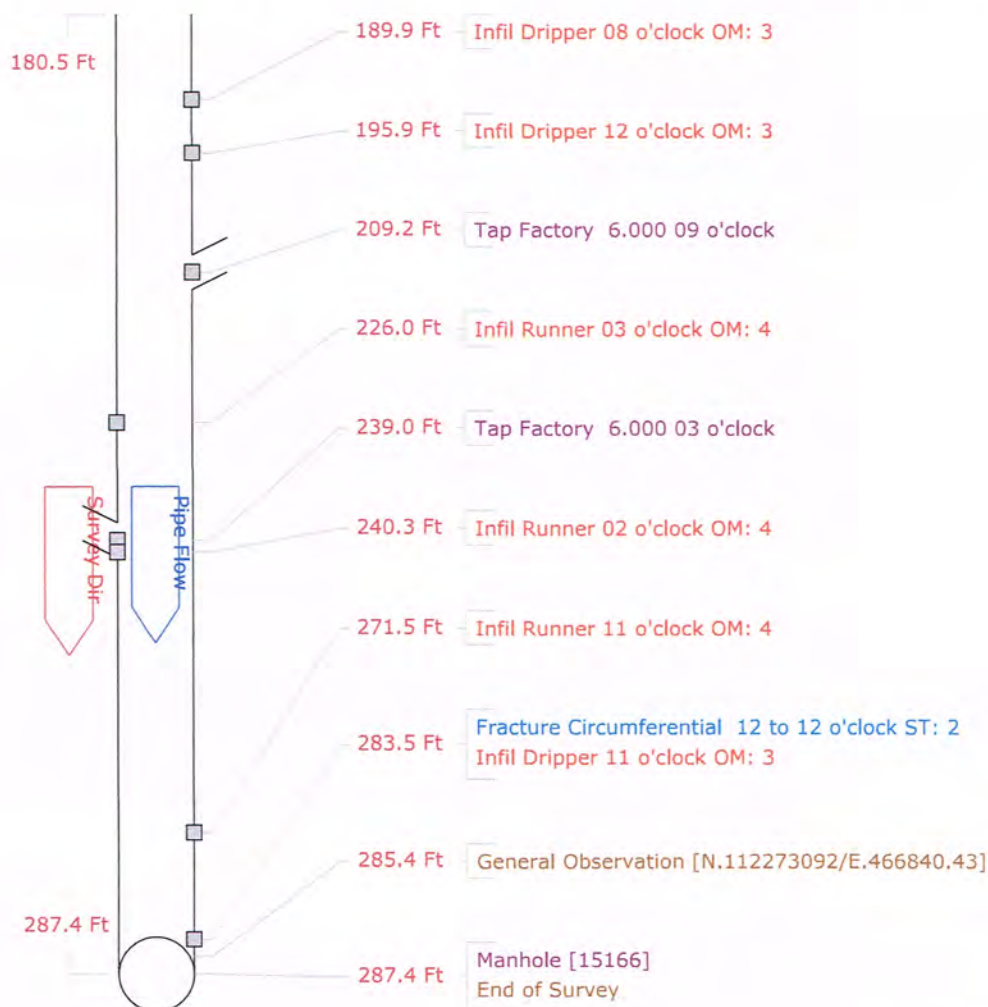
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for TRAILER ESTATES INITIAL CCTV SANIT

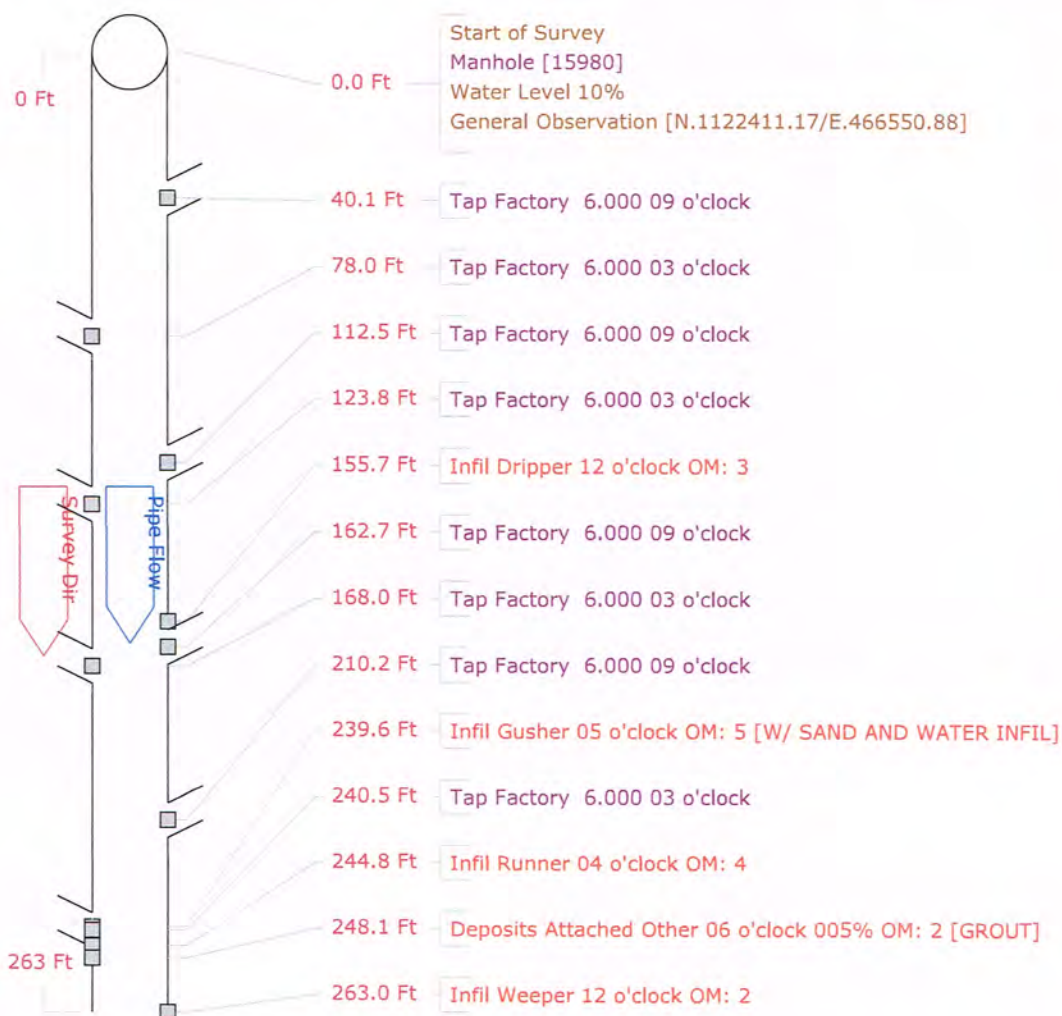
Setup 30	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/04	Time 15:14	Street MARINA DR
City MANATEE COUNTY	Further location details	15167.1 6728 MARINA DR	
Start 15167	Rim to invert 4.90	Grade to invert	Rim to grade Ft
Finish 15166	Rim to invert 7.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 15167.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/06/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 287.4	Ft Length Surveyed 287.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122733.37	Easting 466552.34	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



Setup	30	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/06/04	Time	15:14	Street	MARINA DR
City	MANATEE COUNTY	Further location details	15167.1 6728 MARINA DR				
Start	15167	Rim to invert	4.90	Grade to invert		Rim to grade	Ft
Finish	15166	Rim to invert	7.70	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	15167.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/06/04
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	287.4	Ft Length Surveyed	287.40
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY					Work Order	
Northing	1122733.37	Easting	466552.34	Elevation			
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

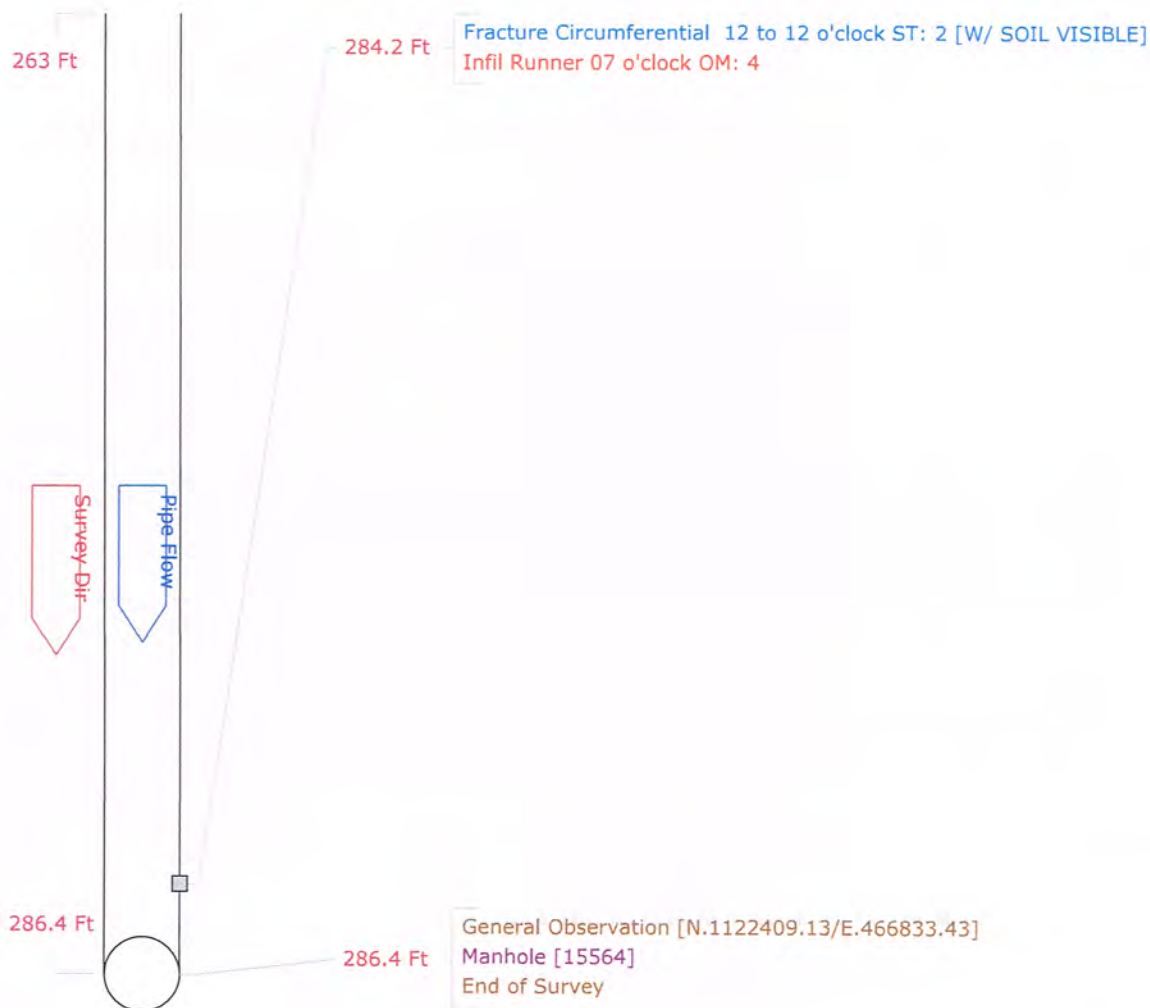


Setup 31	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/04	Time 16:06	Street MARINA DR
City MANATEE COUNTY	Further location details 15980.1 6806 MARINA DR		
Start 15980	Rim to invert 5.00	Grade to invert	Rim to grade Ft
Finish 15564	Rim to invert 6.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 15980.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/06/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 286.4	Ft Length Surveyed 286.40
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST	Structural Miscellaneous O&M Hydraulic Constructional		
Location Easement/Right of Way	Work Order		
Project INITIAL CCTV SANITARY			
Northing 1122411.17	Easting 466550.88	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)	GPS Accuracy		



for TRAILER ESTATES INITIAL CCTV SANIT

Setup	31	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/06/04	Time	16:06	Street	MARINA DR
City	MANATEE COUNTY	Further location details	15980.1 6806	MARINA DR			
Start	15980	Rim to invert	5.00	Grade to invert		Rim to grade	Ft
Finish	15564	Rim to invert	6.80	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Downstream	Flow control		Media No	15980.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/06/04
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	286.4	Ft	Length Surveyed 286.40
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY						Constructional
Northing	1122411.17	Easting	466550.88	Elevation		Work Order	
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

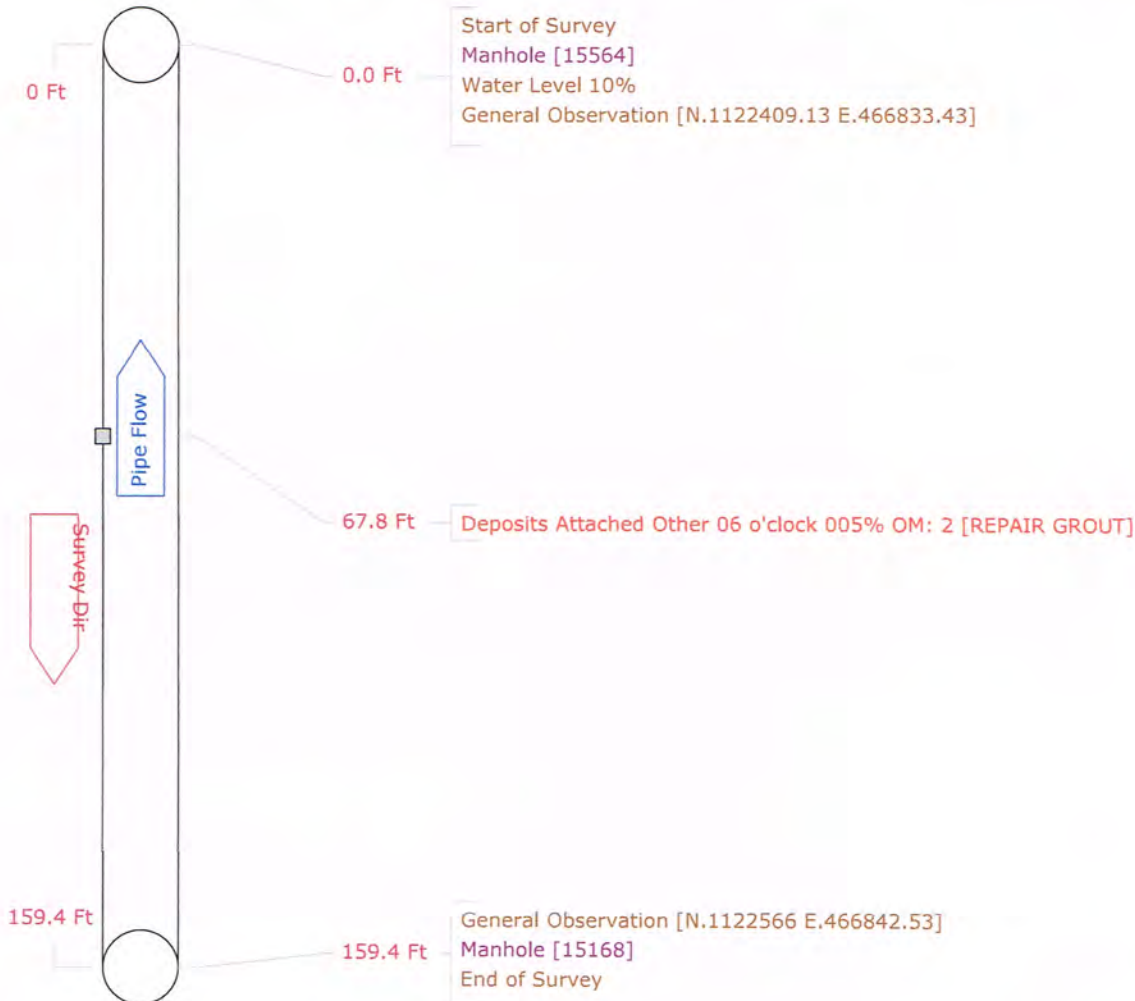


Pipe Graphic Report of PSR 15168

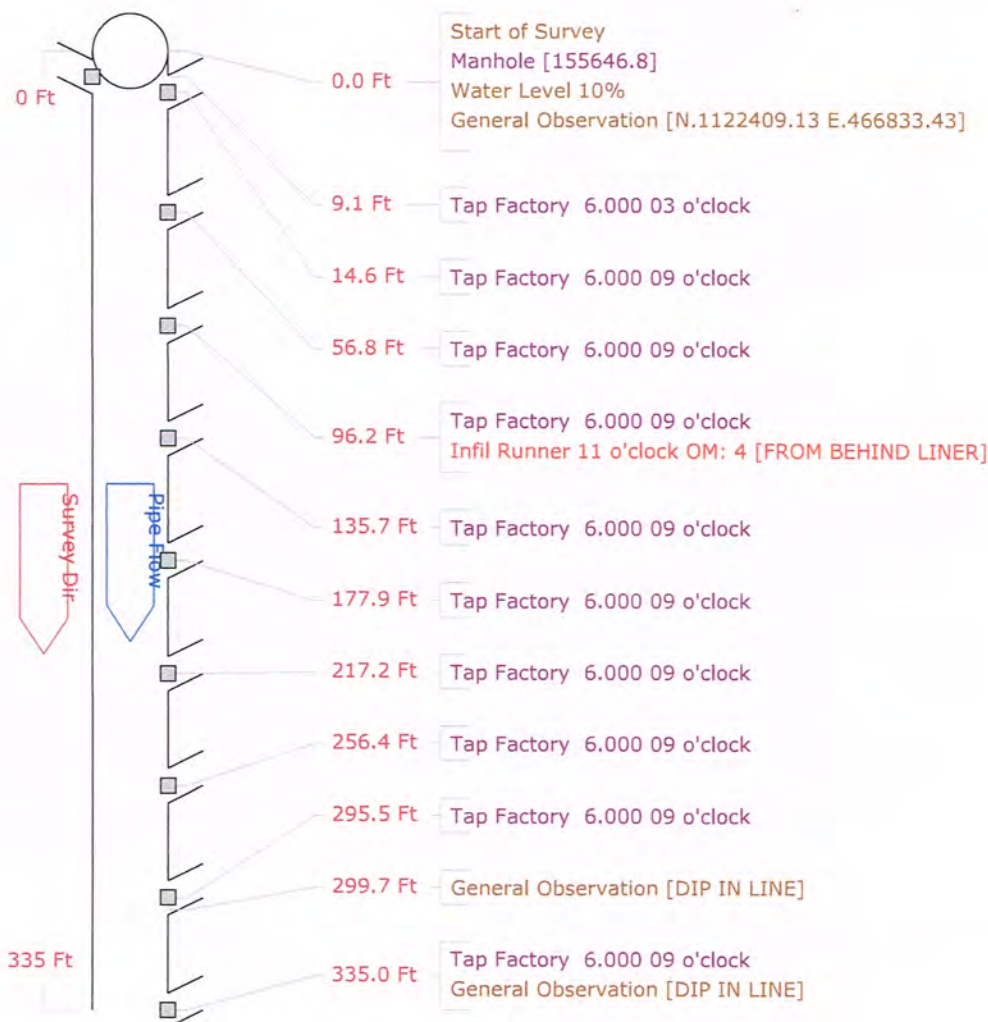
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for TRAILER ESTATES INITIAL CCTV SANIT

Setup 32	Surveyor TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES	
Drainage	Survey Customer		TRAILER ESTATES			
P/O #	Date	2012/06/05	Time	9:17	Street	MARINA DR
City	MANATEE COUNTY		Further location details 15168.1 2115 IOWA AVE.			
Start	15564		Rim to invert	6.80	Grade to invert	Rim to grade Ft
Finish	15168		Rim to invert	8.00	Grade to invert	Rim to grade Ft
Use	Sanitary		Direction	Upstream	Flow control	Media No 15168.1
Shape	Circular		Height	8	Width ins Preclean J	Year Cleaned 2012/06/05
Material	Vitrified Clay Pipe		Joint length	Ft	Total length 159.4	Ft Length Surveyed 159.40
Lining			Year laid	Year rehabilitated		Weather Dry
Purpose			Cat			
Additional info	NORTH				Structural	O&M Constructional
Location	Easement/Right of Way				Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY				Work Order	
Northing	1122566.95		Easting	466842.53		
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)				Elevation	
				GPS Accuracy		



Setup	33	Surveyor	TIM	Certificate #	U-307-1521		System Owner	TRAILER ESTATES	
Drainage	Survey Customer			TRAILER ESTATES					
P/O #	Date		2012/06/05		Time	10:32		Street	MARINA DR
City	MANATEE COUNTY			Further location details		15564.1 2116 IOPWA AVE			
Start	15564			Rim to invert	8.00		Grade to invert	Rim to grade	Ft
Finish	17797			Rim to invert	7.20		Grade to invert	Rim to grade	Ft
Use	Sanitary			Direction	Downstream		Flow control	Media No	15564.1
Shape	Circular			Height	8		Width	ins Preclean J	Year Cleaned 2012/06/05
Material	Vitrified Clay Pipe			Joint length	Ft		Total length	340.1 Ft	Length Surveyed 340.10
Lining	Cured in Place			Year laid	Year rehabilitated		Weather	Dry	
Purpose				Cat					
Additional info	EAST						Structural	O&M	Constructional
Location	Easement/Right of Way						Miscellaneous	Hydraulic	
Project	INITIAL CCTV SANITARY						Work Order		
Northing	1122409.13			Easting	466833.43		Elevation		
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)						GPS Accuracy		

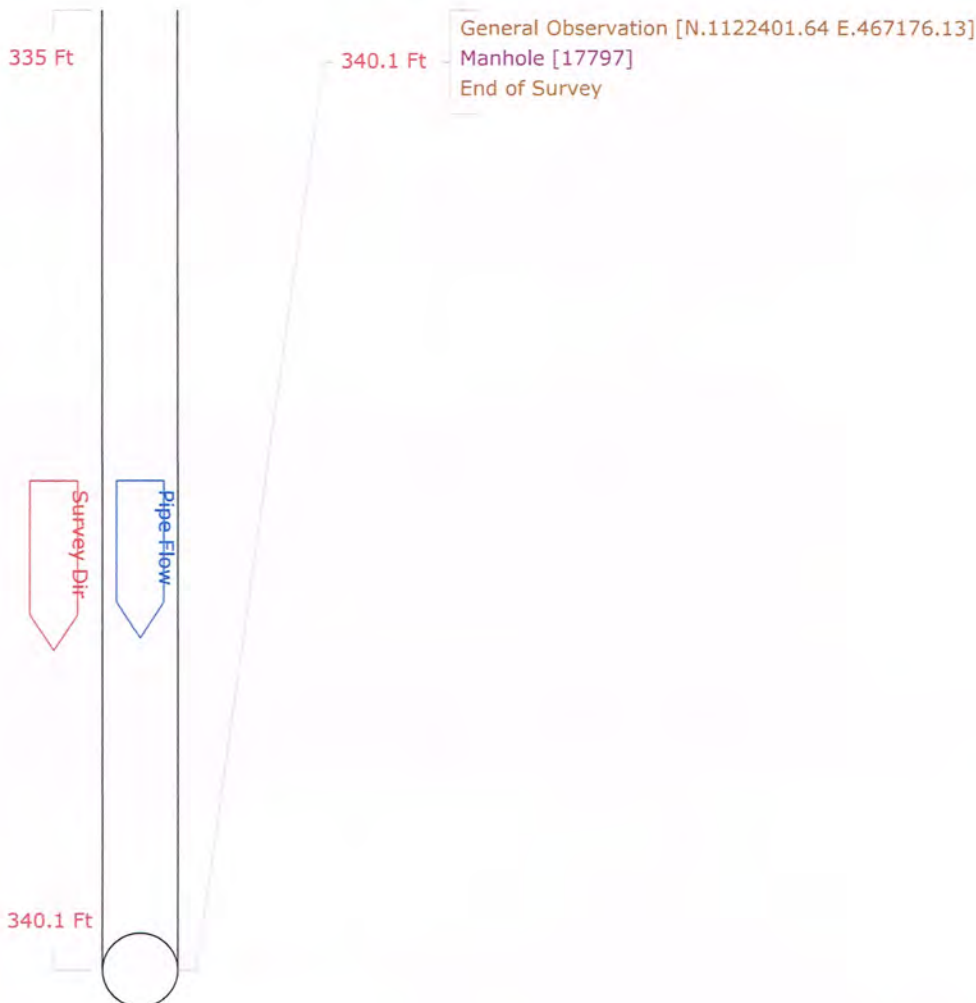


Pipe Graphic Report of PSR 15564.1

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 33	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/05	Time 10:32	Street MARINA DR
City MANATEE COUNTY	Further location details	15564.1 2116 IOPWA AVE	
Start 15564	Rim to invert 8.00	Grade to invert	Rim to grade Ft
Finish 17797	Rim to invert 7.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 15564.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/06/05
Material Vitrified Clay Pipe	Joint length Ft	Total length 340.1 Ft	Length Surveyed 340.10
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info EAST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122409.13	Easting 466833.43	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

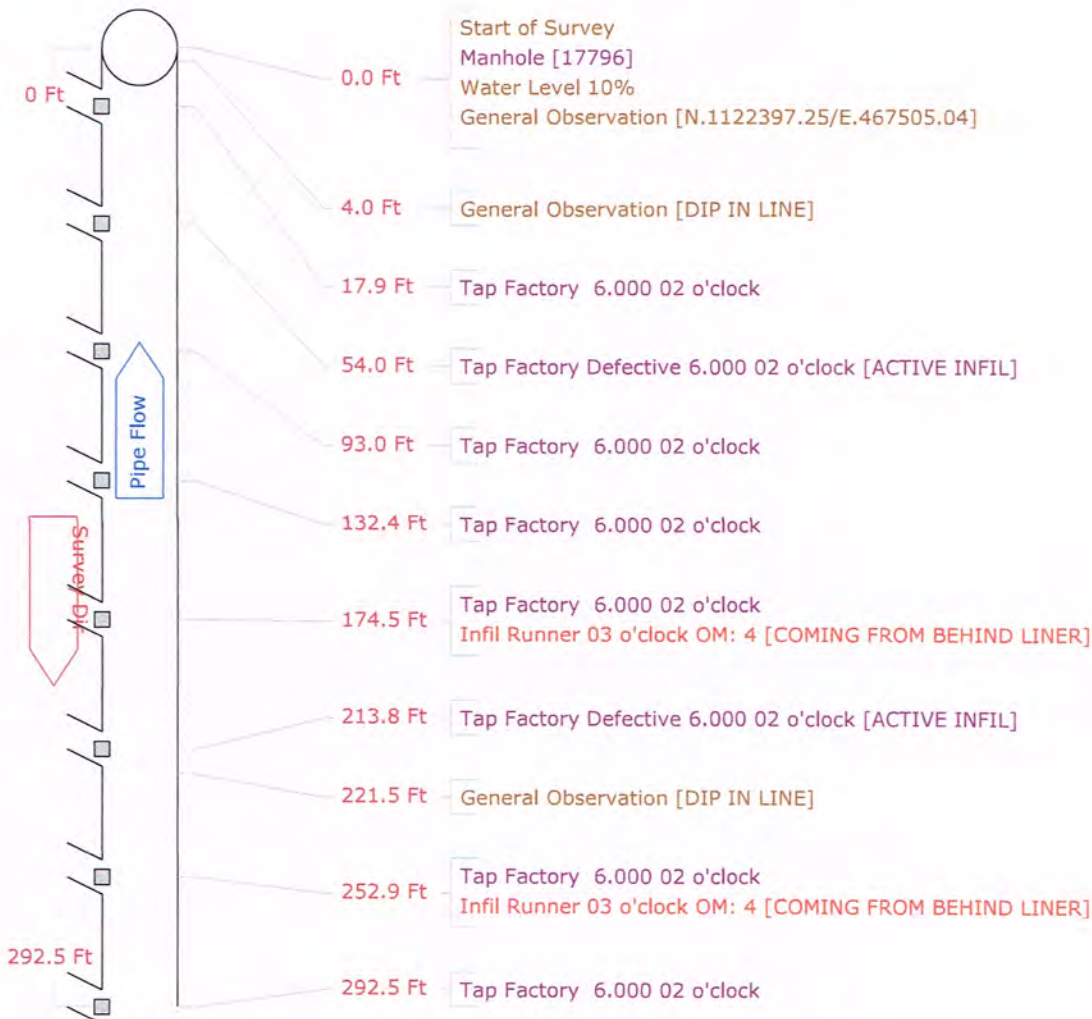


Pipe Graphic Report of PSR 17797

X

for TRAILER ESTATES INITIAL CCTV SANIT

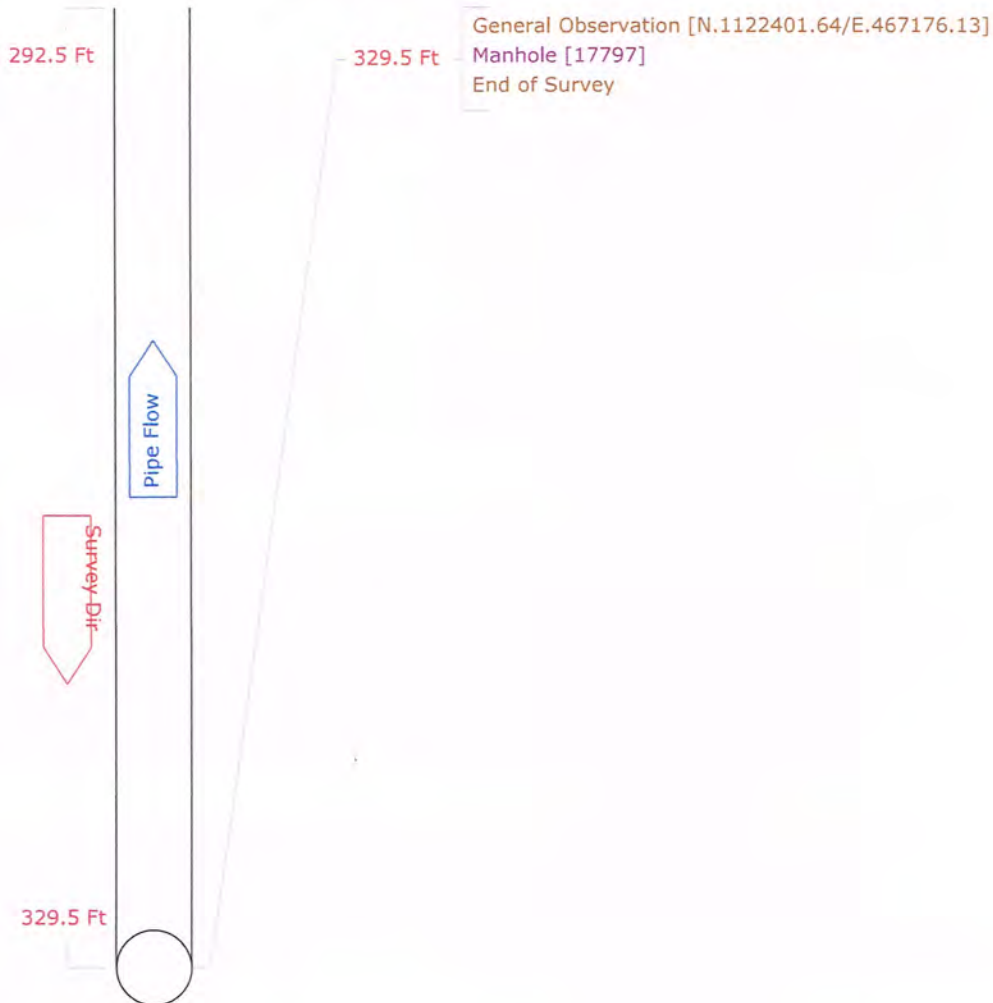
Setup 34	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/05	Time 13:25	Street IOWA AVE
City MANATEE COUNTY	Further location details	17797.1 2016 IOWA AVE	
Start 17796	Rim to invert 10.00	Grade to invert	Rim to grade Ft
Finish 17797	Rim to invert 7.20	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 17797.1
Shape Circular	Height 8	Width ins Preclean J	Year Cleaned 2012/06/05
Material Vitrified Clay Pipe	Joint length	Ft Total length 329.5	Ft Length Surveyed 329.50
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info WEST		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122401.64	Easting 467176.13	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	



X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	34	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/06/05	Time	13:25	Street	IOWA AVE
City	MANATEE COUNTY	Further location details	17797.1	2016 IOWA AVE			
Start	17796	Rim to invert	10.00	Grade to invert		Rim to grade	Ft
Finish	17797	Rim to invert	7.20	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control		Media No	17797.1
Shape	Circular	Height	8	Width	ins Preclean J	Year Cleaned	2012/06/05
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	329.5	Ft Length Surveyed	329.50
Lining	Cured in Place	Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	WEST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY					Work Order	
Northing	1122401.64	Easting	467176.13	Elevation			
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			

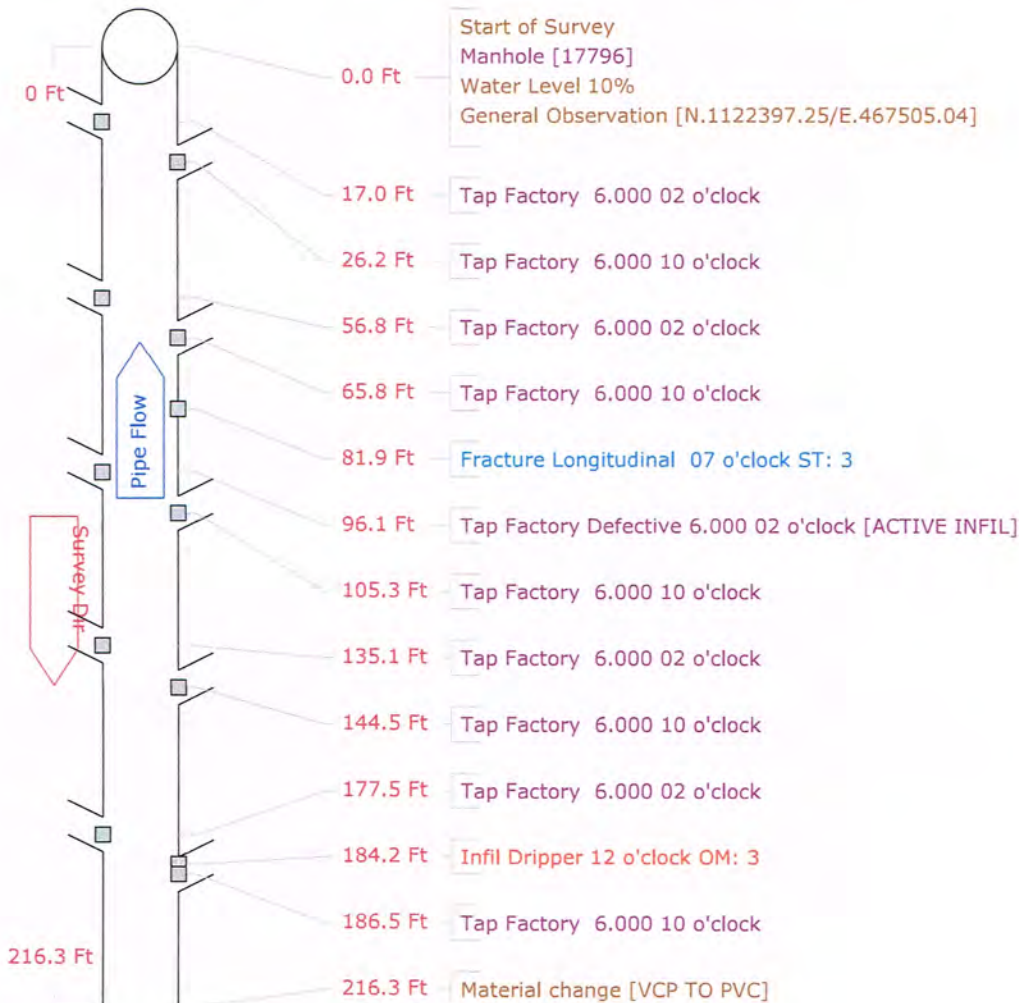


Pipe Graphic Report of PSR 17795

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 35	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/05	Time 14:55	Street IOWA AVE
City MANATEE COUNTY	Further location details	17795.1 1818 IOWA AVE	
Start 17796	Rim to invert 10.00	Grade to invert	Rim to grade Ft
Finish 17795	Rim to invert 6.80	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control Plugged	Media No 17795.1
Shape Circular	Height 8	Width ins	Preclean J Year Cleaned 2012/06/05
Material Vitrified Clay Pipe	Joint length	Ft Total length 333.0	Ft Length Surveyed 333.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info EAST			Structural O&M Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic
Project INITIAL CCTV SANITARY			Work Order
Northing 1122390.00	Easting 467834.17	Elevation	
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

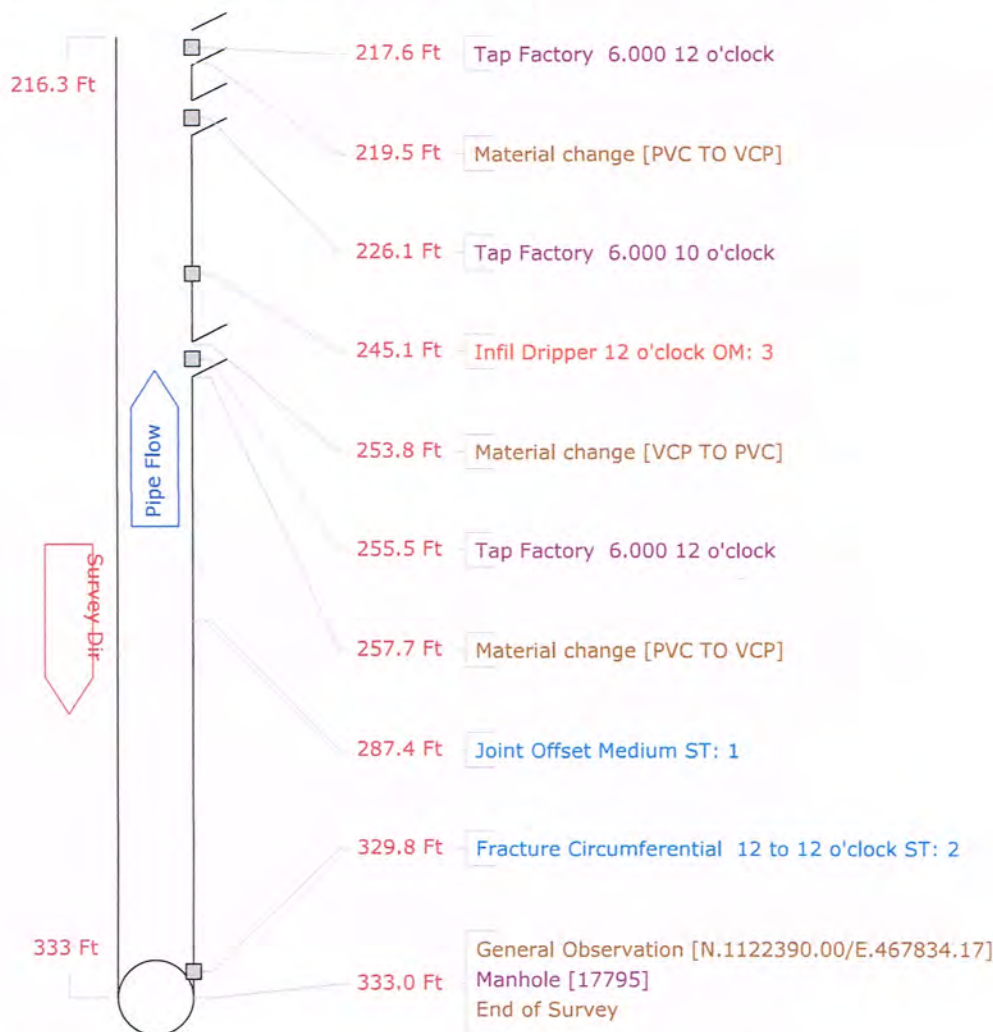


Pipe Graphic Report of PSR 17795

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup	35	Surveyor	TIM	Certificate #	U-307-1521	System Owner	TRAILER ESTATES
Drainage		Survey Customer	TRAILER ESTATES				
P/O #		Date	2012/06/05	Time	14:55	Street	IOWA AVE
City	MANATEE COUNTY	Further location details	17795.1	1818 IOWA AVE			
Start	17796	Rim to invert	10.00	Grade to invert		Rim to grade	Ft
Finish	17795	Rim to invert	6.80	Grade to invert		Rim to grade	Ft
Use	Sanitary	Direction	Upstream	Flow control	Plugged	Media No	17795.1
Shape	Circular	Height	8	Width	ins	Preclean J	Year Cleaned 2012/06/05
Material	Vitrified Clay Pipe	Joint length	Ft	Total length	333.0	Ft	Length Surveyed 333.00
Lining		Year laid		Year rehabilitated		Weather	Dry
Purpose				Cat			
Additional info	EAST					Structural	O&M
Location	Easement/Right of Way					Miscellaneous	Hydraulic
Project	INITIAL CCTV SANITARY						Constructional
						Work Order	
Northing	1122390.00	Easting	467834.17	Elevation			
Coordinate System	U.S. STATE PLANE 1983 (NAD 1983)			GPS Accuracy			



Pipe Graphic Report of PSR 17796

X

for TRAILER ESTATES INITIAL CCTV SANIT

Setup 36	Surveyor TIM	Certificate # U-307-1521	System Owner TRAILER ESTATES
Drainage	Survey Customer TRAILER ESTATES		
P/O #	Date 2012/06/05	Time 15:53	Street IOWA AVE
City MANATEE COUNTY	Further location details	17796.1 1916 IOWA AVE	
Start 17796	Rim to invert 10.00	Grade to invert	Rim to grade Ft
Finish 15156	Rim to invert 12.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	Flow control Plugged	Media No 17796.1
Shape Circular	Height 10	Width ins Preclean J	Year Cleaned 2012/06/05
Material Vitrified Clay Pipe	Joint length	Ft Total length 260.6	Ft Length Surveyed 260.60
Lining Cured in Place	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		
Additional info SOUTH		Structural	O&M
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project INITIAL CCTV SANITARY		Constructional	
Northing 1122397.64	Easting 467505.04	Elevation	Work Order
Coordinate System U.S. STATE PLANE 1983 (NAD 1983)		GPS Accuracy	

