Tabular Report of PSR 9029 (1-1)

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for COLONY COVE INITIAL CCTV SANITARY 201

Setup 43 Surveyor TIM	Certificate #	U-307-1521 Sy s	tem Owner COLONY COVE
Drainage Survey Cus	tomer COLONY COVE		
P/O # Date 20°	12/04/16 Time 9:46	Street AMELO AVE	
City ELLENTON	Further location details	9029.1 214 AMELO AVE	
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Finish 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No 9029.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 165.4	Ft Length Surveyed 165.4
Lining	Year laid	ear rehabilitated	Weather Dry
Purpose	Cat		Pressure
Additional info SOUTHWEST		Struct	ıral O&M Constructiona
Location Easement/Right of Way		Miscel	aneous Hydraulic
Project		<u> </u>	Work Order
Northing 1163452.33	Easting 497461.06	Elevation	
Coordinate System US STATE PLAN	E1983 (NAD 1983)	GPS Accu	racy

Scores

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

Setup 44 Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage Survey Customer C	COLONY COVE	
P/O # Date 2012/04/16	Time 12:03 Street AMEL	O AVE
City ELLENTON Further I	ocation details CO96060.1 214 Al	MELO AVE
Start 9029 (1-1) Rim to in	nvert 5.10 Grade to invert	Rim to grade Ft
Finish CO96060 Rim to it	nvert Grade to invert	Rim to grade Ft
Use Sanitary Direction	n Up Flow control	Media No CO96060.1
Shape Circular Heigh	t 8 Width ins Precle	an J Year Cleaned 2012/04/16
Material Vitrified Clay Pipe Joint	t length Ft Total length	137.9 Ft Length Surveyed 137.9
Lining Year	laid Year rehabilitated	Weather Dry
Purpose	Cat	Pressure
Additional info SOUTH		Structural O&M Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic
Project	·	Work Order
Northing 1163192.089 Easting	497323.355 Eleva	tion
Coordinate System US STATE PLANE1983 (NA	AD 1983) GP	S Accuracy

Count Video	CD Code		In1	ln2	%	Jn	tFr	То	ImRef	Remarks
-0.1	MG	O General Observation				1				N.1163293.12/E.497239.82
0.0	ST	Start of Survey								
0.0	AMH	H Manhole							9	9029 (1-1)
0.0	MW	L Water Level			10					
16.7	RFJ	Roots Fine Joint				J	12	12		
18.5	TF	Tap Factory	4.000				12			1
39.1	łW	Infil Weeper					10			
41.2	CS	Crack Spiral						06		
44.0	FM	Fracture Multiple					03	09		
44.5	FL	Fracture Longitudinal					03			
49.4	IW	Infil Weeper					05			
59.2	IW	Infil Weeper				1_	12			
70.5	TF	Tap Factory	4.000				10			
76.0	IW	Infil Weeper					12			
81.0	1W	Infil Weeper					12			
122.5	TF	Tap Factory	4.000				11			
137.9	MG	O General Observation								N.1163192.089/E.497323.355
137.9	AMH	H Manhole							(CO96060
137.9	FH	End of Survey								

137.9 Ft Total Length Surveyed

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

Setup 45	Survey	or T	M Ce	rtificate	# U-3	307-15	21		S	yste	m Ov	vner	COLO	NY COV	Έ
Drainage			rvey Customer COLO	NY COVE											
P/O #				ne 11:04		Street	DE	NM/	ARK	DR					
City ELL	ENTON		Further locati	on detai	ls 1-8.1	1 189 D	ENN	IAR	K DF	₹					
Start 11066	(1-7)		Rim to invert			ade to					Rim	to g	rade		Ft
Finish 1-8	(, ,		Rim to invert			ade to						to g			Ft
Use Sanitary			Direction U			ow co	-					9	Media	No	1-8.1
Shape Circula	or		Height 8	Width		ins			n J				Year C	leaned	2012/04/17
Material ^{Vitri}		Pipe	Joint leng		Ft	Total				7	Ft	Len	gth Sur		
			Year laid	jui		rehabil	_		100.		· · Veath		Dry	rcycu .	
Lining			rear iaid	Cat	i edi i	TIIDUII	ı ud Ut	·u		۳	• ca li	ıcı	J.,	Press	euro
Purpose	- \A(E)			Cat				$\overline{}$	Stru	oturo	ı.		&M		nstructiona
Additional info	_										ii 1eous		/draulic	C	JIISH UCHONA
Location Eas	ement/Rio	gnt of \	<i>r</i> vay					L	IVIIO						
Project		_									worl	c Ord	er		
	62479.40			556.477			Ele								
Coordinate Sy	/stem l	JS ST	ATE PLANE1983 (NAD 19	83)				SPS	Acc	cura	су				
Count Video	CD Co	ode			ln1	ln2	%	Jnt	Fr	το Ιι	mRef	Re	marks		
0.0		ST	Start of Survey												
0.0		AMH	Manhole									11066	6 (1-7)		
0.0	r	MWL	Water Level				10			_			0.450.50	T 1007	25.40
0.0			General Observation				_		10	_	_	N.116	2459.56	/E.496/	55.19
21.3	1	RFJ	Roots Fine Joint				-		12	+					
26.4		RFJ	Roots Fine Joint				-		08	+	\dashv	110			
11.1	 		Material shares		-				1016	+		VCP :	TO PVC		
55.2 57.9	1	MMC TF	Material change		6.000	l			02	+					
57.9	+ +	TF	Tap Factory Tap Factory		6.000		 		10	+					
	+ +	RFJ	Roots Fine Joint				 	J	08	+					
61.3	+				-					\top		PVC	TO VCP		
61.3	1 1 1	VMC	Material change			1				_					
61.3 61.3	+	MMC TFC	Material change Tap Factory Capped		4.000	<u> </u>	 		00						
61.3					4.000										
61.3 63.5		TFC	тар наскогу Саррес		4.000			J	09						
61.3 63.5 68.3		JOM	Joint Offset Medium		4.000			J	09						
61.3 63.5 68.3 68.4	, ,	JOM RFJ	Joint Offset Medium Roots Fine Joint		4.000				09 08 05	07					
61.3 63.5 68.3 68.4 73.4		JOM RFJ RFJ	Joint Offset Medium Roots Fine Joint Roots Fine Joint						09 08 05 02						1.0
61.3 63.5 68.3 68.4 73.4 73.6		JOM RFJ RFJ FM	Joint Offset Medium Roots Fine Joint Roots Fine Joint Fracture Multiple		4.000			J	09 08 05 02 12	07					
61.3 63.5 68.3 68.4 73.4 73.6 78.6		JOM RFJ RFJ FM	Joint Offset Medium Roots Fine Joint Roots Fine Joint Fracture Multiple Fracture Multiple					J	09 08 05 02 12	07					
61.3 63.5 68.3 68.4 73.4 73.6 78.6 79.5		JOM RFJ RFJ FM FM TB RFJ	Joint Offset Medium Roots Fine Joint Roots Fine Joint Fracture Multiple Fracture Multiple Tap Break-in					J	09 08 05 02 12	07					

RFJ

FL

TBI

FL

RFJ

MMC

JOM

MMC

TF

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103.9

107.5

107.6

108.2

108.0

118.6

118.6

118.6

120.1

151.3

Roots Fine Joint

Roots Fine Joint

Material change

Material change

Tap Factory

Joint Offset Medium

Fracture Longitudinal

Tap Break-in Intruding

Fracture Longitudinal

10

12

12

01

02

12

VCP TO PVC

PVC TO VCP

J 12

4.000 1.000

6.000

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 45	Surveyor	IIM		Cert	ificate	# U∹	307-1	521		S	yst	em U	wner	COLOR	IY COV	<u> </u>
Drainage		Survey C	ustomer (COLON	Y COVE											
P/O #		Date 2	2012/04/17	Time	e 11:04	4 5	Street	DE	NMA	ARK	DR					
City ELL	ENTON		Further	locatio	n detai	ls 1-8.	1 189	DENN	/AR	K DF	₹					
Start 11066	(1-7)		Rim to i	invert	2.40	Gr	ade to	inve	ert			Rin	n to gr	ade		Ft
Finish 1-8			Rim to i	invert		Gra	ade to	inve	ert			Rin	n to gr	ade		Ft
Use Sanitary			Directio	n Up		FI	ow co	ontro	ı					Media N	lo	1-8.1
Shape Circula	ar		Heiat	nt 8	Width)	ins	Pred	:lea	n J				Year Cl	eaned	2012/04/17
Material Vitr		е	- 5	t lengt	h	Ft	Total					Ft	Leno	ıth Surv	eved 1	99.7
Lining				r laid	••	Yearı		_				Weat	_	Dry	-,	
Purpose			ı çal	·aiu	Cat	. cui i	J.IUD							,	Press	ure
Additional inf	A MEST		-		Jai				Т	Stru	ctur	-al	08	2.N/I		nstructiona
	•	-£18/										ai ineous		draulic	00	matructiona
Location Eas	emenvkigni	or vvay							L		,0,110					
Project												Wor	k Orde	er		
	62479.400		Easting	49655					vati							
Coordinate S			ANE1983 (N	AD 1983	3)					Acc		•				
Count Video	CD Code	!			!	n1	In2	_%_	Jnt	Fr]	Го	ImRe	f Ren	narks		
151.3	JOI	/ Joint C	ffset Medium	l			!									
161.1	l l pr						ļ	+	-							
	RF	Roots	Fine Joint						$\perp \perp$	03						
	RF		Fine Joint Fine Joint						J	12	12					
166.3 171.2	1	Roots							J	12 09						
166.3	RF	Roots Roots	Fine Joint						1	12 09 12	12					
166.3 171.2	RF.	Roots Roots Roots	Fine Joint Fine Joint						1 1	12 09 12 03	12 09				100	
166.3 171.2 176.4	RF.	Roots Roots Roots Roots Roots	Fine Joint Fine Joint Fine Joint						1 1 1	12 09 12 03 12	12 09 12				- 10	
166.3 171.2 176.4 181.4 186.6	RF.	Roots Roots Roots Roots Roots Roots Roots	Fine Joint Fine Joint Fine Joint Fine Joint						1 1 1 1	12 09 12 03 (12 12 12 12 12 12 12 1	12 09 12 12					
166.3 171.2 176.4 181.4 186.6	RF. RF. RF. RF.	Roots Roots Roots Roots Roots Roots Roots Roots	Fine Joint Fine Joint Fine Joint Fine Joint Fine Joint						1 1 1	12 09 12 03 (12 12 12 12 12 12 12 1	12 09 12 12					
166.3 171.2 176.4 181.4 186.6 191.3 196.4	RFC RFC RFC RFC RFC	Roots Roots Roots Roots Roots Roots Roots Roots	Fine Joint			4.000			1 1 1	12 09 12 03 (12 12 12 12 12 12 12 1	12 09 12 12					
166.3 171.2 176.4 181.4 186.6 191.3 196.4	RF. RF. RF. RF. RF. RF.	Roots Roots Roots Roots Roots Roots Roots Roots Roots Tap Fa	Fine Joint	n		4.000			1 1 1	12 09 12 03 (12 12 12 12 12 12 12 1	12 09 12 12			2479.400	/E.496	556.477
166.3 171.2 176.4 181.4 186.6 191.3 196.4 198.7	RF. RF. RF. RF. RF. TF	Roots Roots Roots Roots Roots Roots Roots Roots Roots Comparison Roots Roots Comparison Comparison Roots Comparison Comparison Roots Comparison	Fine Joint actory al Observatio	n		4.000			1 1 1	12 09 12 03 (12 12 12 12 12 12 12 1	12 09 12 12		N.1162 1-8	2479.400	VE.496	556.477

199.7 Ft Total Length Surveyed

JTV INC. Phone: (727)528-1998

	Scores	Structural:	Pipe Rating 19	Pipe Ratings Index 2.4	Peak 4	Mean Pipe 0.1
Notes	000,00	O&M:	Pipe Rating 21	Pipe Ratings Index 1.1	Peak 3	Mean Pipe 0.1
Notes						

LINE WAS ROOT CUT

Setup	46	Surveyor	TIM		Certi	ficate #	U-307-1	521	System (Owner	COLON	Y COVE
Draina	ge		Survey	Customer	COLONY	COVE						
P/O #			Date	2012/04/17	Time	12:35	Street	DENM	IARK DR			
City	ELL	ENTON		Further	location	n details	CO 11846	1 200 D	ENMARK DR	IVE		
Start	10421	(1-6-2)		Rim to	invert	3.30	Grade to	invert	Ri	m to g	rade	Ft
Finish	CO 11	1846		Rim to	invert		Grade to	invert	Ri	m to g	rade	Ft
Use S	anitary			Directi	on Up		Flow co	ontrol			Media No	CO 11846.1
Shape	Circula	ar		Heig	ht 6	Width	ins	Preclea	an J		Year Cle	eaned 2012/04/17
Materia	i Vitr	ified Clay Pip	ре	Joi	nt length	1	Ft Total	length	136.1 Ft	Leng	gth Surve	eyed 136.6
Lining				Yea	r laid	•	Year rehab	ilitated	Wea	ther	Dry	
Purpos	se					Cat						Pressure
Additio	nal inf	NORTH							Structural	0	&M	Constructional
Locatio	on Yar	d							Miscellaneo	us Hy	ydraulic	
Project	t INITI	AL CCTV SA	ANITARY	2012					Wo	rk Ord	er	
Northir	ng 11	63038.685		Easting	496644	4.031		Eleva	tion			
Coordi	nate S	ystem US	STATE	PLANE1983 (N	IAD 1983)		GP	S Accuracy			

Count Video	CD Code		In1	ln2	%	Jnt	Fr	To imi	Ref	Remarks
0.0	ST	Start of Survey							1	
0.0	AMH	Manhole								10421 (1-6-2)
0.0	MWL	Water Level			10					
0.0	MGO	General Observation								N.1162927.90/E.496560.81
12.6	TFC	Tap Factory Capped	4.000				09			
42.8	RFJ	Roots Fine Joint				J	09			
48.7	TF	Tap Factory	4.000				01			
48.7	RFC	Roots Fine Connection					03			
49.9	RFC	Roots Fine Connection					11			
50.2	TFD	Tap Factory Defective	4.000				11			50% BLOCKED W/ ROOTS
52.2	BSV	Broken Soil Visible			1		12	12		DUE TO TB
52.7	ТВ	Tap Break-in	4.000				01			
121.3	TF	Tap Factory	4.000				03			
122.9	TF	Tap Factory	4.000				11			
128.3	RFJ	Roots Fine Joint				J	80			
136.0	MGO	General Observation			1		1),3			N.1163038.685/E.496644.031
136.1	MMC	Material change]	VCP TO PVC
100.1	Mec	Shape or Size Change	4.000							
136.1	MGO	General Observation								PIPE IS LATERAL TO REMAINING
136.1	AMH	Manhole			T					CO 11846
136.1	FH	End of Survey							T	

136.1 Ft Total Length Surveyed

Mata-	Notes	Scores	Structural: O&M:	Pipe Rating 5 Pipe Rating 6	Pipe Ratings Index 5 Pipe Ratings Index 1	Peak 5 Peak 2	Mean Pipe 0 Mean Pipe 0
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LINE WAS ROOT CUT

Tabular Report of PSR 10421 (1-6-2) X for COLONY COVE INITIAL CCTV SANITARY 201

Setup	47	Surveyor	TIM		Cert	tificate #	# U-307-15	521	System O	wner COLO	NY COVE
Drainag	je		Survey	Customer	COLON	Y COVE					
P/O #			Date	2012/04/17	Time	e 13:33	Street	DENM	IARK DR		
City	ELL	ENTON		Furthe	r locatio	n detail	s 10421.1 20	0 DENN	MARK DR		
Start	10421	(1-6-2)		Rim to	invert	3.30	Grade to	invert	Rim	to grade	Ft
Finish	11064	(1-6-1)		Rim to	invert	3.70	Grade to	invert	Rin	ı to grade	Ft
Use Sa	anitary			Direct	ion Do	wn	Flow co	ntrol		Media	No 10421.1
Shape	Circula	ar		Heiç	ght 6	Width	ins	Preclea	an J	Year C	leaned 2012/04/17
Materia	l Vitri	ified Clay Pip	pe	Joi	int lengt	h	Ft Total	length	204.6 Ft	Length Sur	veyed 204.6
Lining				Ye	ar laid		Year rehabi	litated	Weath	ner Dry	
Purpose	е					Cat					Pressure
Addition	nal inf	o SOUTH							Structural	O&M	Constructional
Locatio	n Eas	ement/Right	of Way						Miscellaneous	Hydraulic	
Project								_	Worl	k Order	
Northin	g 11	62927.90		Easting	49656	80.81		Elevat	tion		
Coordin	nate Sy	ystem US	STATE F	PLANE1983 (I	NAD 1983	3)		GPS	S Accuracy		

Count Video	CD	Code		ln1	ln2	%	Jn	tFr	То	lmRef	Remarks
0.0	1	ST	Start of Survey				1				
0.0		AMH	Manhole								10421 (1-6-2)
0.0		MWL	Water Level			10					
0.0		MGO	General Observation							1 1	N.1162927.90/E.496560.81
1.5		FC	Fracture Circumferential					1	12		
6.4		RFJ	Roots Fine Joint		1	1	J	02	10		
7.7		CC	Crack Circumferential					01	09		
11.4		RFJ	Roots Fine Joint				J	03			
21.2		RFJ	Roots Fine Joint				J	03			
26.1		RFJ	Roots Fine Joint				J	09			
33.5		CC	Crack Circumferential					12	12		
35.8		FM	Fracture Multiple					12	12		
40.9		IW	Infil Weeper					01			
41.6		TF	Tap Factory	4.000				02			
44.5		TF	Tap Factory	4.000				12	L		
53.2		CL	Crack Longitudinal					06			
55.4		LD	Alignment Down			10					
60.0		LU	Alignment Up			10					
94.1		TF	Tap Factory	4.000			L	01			
95.9		TF	Tap Factory	4.000				11			
96.7		RFJ	Roots Fine Joint				J	03			
101.5		RFJ	Roots Fine Joint			\perp	J	09			
106.5		RFJ	Roots Fine Joint				J	03			
151.2		RFJ	Roots Fine Joint				J	09			
152.0		TF	Tap Factory	4.000				02			
157.7		RFJ	Roots Fine Joint				J	03			
158.4		TF	Tap Factory	4.000				10			
164.1		RFJ	Roots Fine Joint				J	03			
168.9		CM	Crack Multiple						02		
184.2		RFJ	Roots Fine Joint				J	09			
184.2		IW	Infil Weeper					12			

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 4	7	Surv	eyor T	!M			Cer	tificate	# (J-307-1	521		Sy	/ster	m Ov	ner	COLO	NY CC	OVE
Drainage			Sı	ırvey	Custo	ner (COLON	IY COVE	Ξ										
P/O #				Date	2012/	04/17	Tim	e 13:3	3	Street	DE	NM/	ARK I	DR					
City	ELL	ENTO	N		F	urther	locatio	on detai	ils 10)421.1 2	00 DI	ENM	ARK	DR					
Start 1	0421	(1-6-2))		F	Rim to	invert	3.30	(Grade to	o inv	ert			Rim	to gr	ade		Ft
Finish 1	1064	(1-6-1))		F	Rim to	invert	3.70	(Grade to	inv	ert			Rim	to gr	ade		Ft
Use Sar	itary					Directio	n Do	wn		Flow c	ontro	ol		•	•		Media I	No	10421.1
Shape C	ircula	ır				Heigl	nt 6	Widtl	h	ins	Pre	clea	n J				Year C	leane	d 2012/04/17
Material	Vitri	fied Cla	ay Pipe			Join	t lengi	th	Ft	Tota	l leng	gth	204.0	6 F	Ft	Leng	th Sur	veyed	204.6
Lining						Yea	r laid		Yea	r rehab	ilitat	ed		W	eath	er	Dry	-	
Purpose								Cat										Pres	ssure
Additiona	al info	so	UTH										Struc	tural		08	M	(Constructional
Location	Ease	ement/	Right of	Way									Misc	ellan	eous	Ну	draulic		
Project												_		٧	Nork	Orde	r		
Northing	116	32927.	90		E	sting	4965	60.81			Ele	vati	on						
Coordina	te Sy	stem	US ST	ATE F	LANE1	983 (N	AD 198	3)			(GPS	Acc	urac	:у				
Count Vid	eo	CD	Code						ln1	ln2	%	Jnt	Fr T	o In	nRef	Ren	narks		
194.2			RFJ	Root	s Fine 、	loint						J	01						
200.5			CC	Crac	k Circui	nferent	ial							2					
202.6			CC	Сгас	k Circui	nferent	ial				\perp	Ш	12 1	2	\perp				
204.6			MGO	Gene	eral Obs	ervatio	п					Щ		\perp			727.00	/E.496	573.75
204.6			AMH	Manl								Щ	\perp	_	1	1064	(1-6-1)		
204.6			FH	End (of Surve	ey													

204.6 Ft Total Length Surveyed

JTV INC. Phone: (727)528-1998

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

LINE WAS ROOT CUT

Setup 48 Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage Survey Customer	COLONY COVE	
P/O # Date 2012/04/1	8 Time 10:11 Street ROTTE	ERDAM AVE
City ELLENTON Furth	er location details CO96085.1 310 RO	TTERDAM AVE
Start 11064 (1-6-1) Rim	to invert 3.70 Grade to invert	Rim to grade Ft
Finish CO 96085 Rim	to invert Grade to invert	Rim to grade Ft
Use Sanitary Dire	ction Up Flow control	Media No CO96085.1
Shape Circular He	eight 6 Width ins Preclea	n J Year Cleaned 2012/04/18
Material Vitrified Clay Pipe	oint length Ft Total length	109.5 Ft Length Surveyed 109.5
Lining	ear laid Year rehabilitated	Weather Dry
Purpose	Cat	Pressure
Additional info SOUTH		Structural O&M Constructional
Location Easement/Right of Way	i	Miscellaneous Hydraulic
Project		Work Order
Northing 1162625.857 Easti	ng 496586.664 Elevat	ion
Coordinate System US STATE PLANE1983	(NAD 1983) GPS	Accuracy

Count Video	CD	Code		In1	ln2	%	Jnt	Fr	То	ImRe	f Remarks
0.0		ST	Start of Survey								
0.0	1	AMH	Manhole			1					11064 (1-6-1)
0.0		MWL	Water Level			10					
6.2		MGO	General Observation								N 1162727.00/E.496573.75
10.2		IVV	Infil Weeper		ĺ			12			
11.4		TF	Tap Factory	4.000				10			
11.4	ĺ	FL	Fracture Longitudinal					03			
12.7		ТВ	Tap Break-in	4.000				01			
23.0		CM	Crack Multiple					12	03		
42.8	1	IW	Infil Weeper					03			
42.8		FL	Fracture Longitudinal				8	04			
47.7		RFJ	Roots Fine Joint				J	12	03		
63.8		TF	Tap Factory	4.000			2 	10			
65.5		TF	Tap Factory	4.000				01			
65.8		RFJ	Roots Fine Joint				J	80			
70.8		IW	Infil Weeper					12			
75.6		IW	Infil Weeper					12			
80.6		RFJ	Roots Fine Joint				J	80	10		
85.3		IW	Infil Weeper					01		115	
90.3		IW	Infil Weeper					12			
100.2		IW	Infil Weeper					10			
105.2		RFJ	Roots Fine Joint				J	11			
106.3		TF	Tap Factory	4.000				03			
107.8		TFC	Tap Factory Capped	4.000				09			
109.1		TF	Tap Factory	4.000				12			
109.5		MGO	General Observation								N.1162625.857/E.496586.644
109.5		AMH	Manhole								CO 96085
109.5		FH	End of Survey								

109.5 Ft Total Length Surveyed

for COLONY COVE INITIAL CCTV SANITARY 201

Setup	48	Surveyor	TIM		Certific	cate #	U-307-1	521	Sys	tem Ov	vner	COLONY	COVE
Draina	ge		Survey	Customer	COLONY	COVE							
P/O#			Date	2012/04/18	Time	10:11	Street	ROTT	ERDAM	AVE			
City	EL	LENTON		Further	location	details	CO96085.	1 310 R	OTTERE	OAM AV	E		
Start	11064	4 (1-6-1)		Rim to	invert 3	3.70	Grade to	invert		Rim	to gra	de	Ft
Finish	CO 9	6085		Rim to	invert		Grade to	invert		Rim	to gra	de	Ft
Use S	anitary	,		Directi	on Up		Flow co	ontrol			M	ledia No	CO96085.1
Shape	Circul	lar		Heig	ht 6 V	Vidth	ins	Precle	an J		Υ	ear Clea	aned 2012/04/18
Materia	al Vitr	rified Clay Pi	oe .	Join	nt length	F	t Total	length	109.5	Ft	Lengt	h Surve	yed 109.5
Lining				Yea	r laid	Ye	ear rehab	ilitated		Weath	er D	ry	
Purpos	e				C	at						ı	Pressure
Additio	nal in	fo SOUTH							Structu	ıral	O&N	Л	Constructional
Locatio	n Eas	sement/Right	t of Way						Miscell	aneous	Hyd	raulic	
Project	t									Work	Order		-
Northin	ng 11	162625.857		Easting	496586.6	664		Eleva	tion				
Coordi	nate S	ystem US	STATE F	PLANE1983 (N	AD 1983)			GP.	S Accui	racy			

Scores

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

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

Setup 49	Surveyor	TIM		Certi	ficate #	U-307-1	521	System	Owner	COLONY	COVE
Drainage		Survey	Customer	COLONY	COVE						
P/O #		Date	2012/04/18	Time	12:04	Street	AMST	ERDAM AVE	Ξ		
City	ELLENTON		Further	location	ı details	CO EOL 3	1.1 217	AMSTERDA	M AVE		
Start 90	31 (1-2-A)		Rim to	invert	5.90	Grade to	invert	F	Rim to g	rade	Ft
Finish CC	EOL 31 (1-2-1))	Rim to	invert		Grade to	invert	F	Rim to g	rade	Ft
Use Sanit	ary		Directi	on Up		Flow c	ontrol			Media No	CO EOL31.1
Shape Cir	cular		Heig	ht 6	Width	ins	Precle	an J		Year Clea	aned 2012/04/02
Material	Vitrified Clay Pip	е	Joi	nt length	1	Ft Tota	length	395.0 Ft	Leng	gth Surve	yed 395.0
Lining			Yea	r laid	١	ear rehab	ilitated	We	ather	Dry	
Purpose					Cat					1	Pressure
Additional	info NORTH	WEST						Structural	0	&M	Constructional
Location	Easement/Right	of Way						Miscellaneo	ous Hy	ydraulic	
Project							•	W	ork Ord	er	
Northing	1163565.944		Easting	49693	5.981		Eleva	tion			
Coordinate	System US	STATE F	PLANE1983 (N	AD 1983)		GP:	S Accuracy			

Count Video	CD	Code		ln1	ln2	%	Jni	tFr	To	ImRef	Remarks
0.0		ST	Start of Survey			1	1				
0.0		AMH	Manhole							1	9031 (1-2-A)
0.0		MWL	Water Level			10					
0.0		MGO	General Observation	Ì							N.1163228.94/E.497150.50
17.8		TF	Tap Factory	4.000				02			
53.2		FL	Fracture Longitudinal					06			
53.3		FL	Fracture Longitudinal					01			
54.2		TF	Tap Factory	4.000				02			
54.4		FM	Fracture Multiple					12	12		
84.4		RFJ	Roots Fine Joint				J	11			
94.3		FM	Fracture Multiple					06	09		
110.3		TF	Tap Factory	4.000				01			
115.7		FM	Fracture Multiple					05	07		
171.8		TF	Tap Factory	4.000				01			
192.2		RFJ	Roots Fine Joint				J	12			
192.2		IW	Infil Weeper					12			
222.6		CL	Crack Longitudinal					09			
224.8		CL	Crack Longitudinal	i i				80	<u> </u>		
228.7		TF	Tap Factory	4.000				02			
232.5		FM	Fracture Multiple			_		80	12		
234.4		FM	Fracture Multiple					04	07		
253.3		FL	Fracture Longitudinal					80	<u> </u>		
254.3		FM	Fracture Multiple					03	09		
262.8		CL	Crack Longitudinal					03	<u> </u>		
285.6		TF	Tap Factory	4.000				02			
285.9		FL	Fracture Longitudinal					03			
309.2		CL	Crack Longitudinal					09			
310.4		FL	Fracture Longitudinal					03			
311.0		FM	Fracture Multiple					80	03		
342.3		TF	Tap Factory	4.000				02			
342.3		CL	Crack Longitudinal					01			

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

Setup 49	Surveyor	TIM		Cert	ificate :	# U-	307-1	521	Sy	stem C	wner	COLONY	COVE
Drainage		Survey	Customer	COLON	Y COVE								
P/O #		Date	2012/04/18	Time	e 12:04	؛ ا	Street	AMS	STERDA	M AVE			
City El	LENTON		Furthe	r locatio	n detail	s CO	EOL 3	1.1 21	7 AMST	ERDAM	AVE		
Start 9031	(1-2-A)		Rim to	o invert	5.90	Gr	ade to	o inve	rt	Rir	n to g	rade	Ft
Finish CO	EOL 31 (1-2-1)	1	Rim to	o invert		Gr	ade to	inve	rt	Rin	n to g	rade	Ft
Use Sanitar	y		Direct	tion Up		F	low c	ontrol				Media No	CO EOL31.
Shape Circu	ılar		Hei	ght 6	Width		ins	Prec	lean J			Year Clear	ned 2012/04/02
Material Vi	trified Clay Pip	е	Jo	int lengt	h	Ft	Tota	l lengi	h 395.0	Ft	Leng	th Survey	ed 395.0
Lining			Ye	ar laid		Year	rehab	ilitate	d	Weat	her	Dry	
Purpose					Cat							P	ressure
Additional in	fo NORTH	WEST							Struc	tural	30	M	Constructional
Location Ea	sement/Right	of Way							Misce	ellaneou	s Hy	draulic	
Project										Wor	k Ord	er	
Northing 1	163565.944		Easting	g 49693	35.981			Elev	ation/				
Coordinate :	System US	STATE F	PLANE1983 (NAD 1983	3)			_	PS Acc	•			
Count Video	CD Code	•		·	ŀ	n1	ln2	% .	JntFr T	o ImRe	f Rer	narks	
343.1	FL	Frac	ture Longitud	inal					04				- 10 fb-1
394.3	TF	Тар	Factory			4.000			02				
395.0	MG	O Gene	eral Observat	ion									496935.981
395.0	AM	H Mani	hole				.6				COE	DL 31 (1-2-1)
395.0	FH	End	of Survey										

395.0 Ft Total Length Surveyed

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

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

Setup 50 Surveyor TIM	Certificate #	# u-307-1521 Sy	stem Owner COLON	IY COVE
Drainage Survey Cu	stomer COLONY COVE			
P/O # Date 2	012/04/20 Time 8:25	Street HOLLAND A	/E	
City ELLENTON	Further location detail	s 101 HOLLAND AVE		
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft
Finish CO9038 (1-3-6)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Up	Flow control	Media N	o CO9038
Shape Circular	Height 6 Width	ins Preclean J	Year Cl	eaned 2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft Total length 248.1	Ft Length Surv	eyed 248.1
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose	Cat			Pressure
Additional info NORTHEAST		Struct	ural O&M	Constructional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project			Work Order	
Northing 1163891.66	Easting 496718.02	Elevation		
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS Accu	racy	

Count Video	CD	Code		In1	ln2	%	Jn	tFr	To	ImRef	Remarks
0.0		ST	Start of Survey								
0.0		AMH	Manhole							All No.	9033 (1-3-5)
0.0		MGO	General Observation				1				N 1163763 77/E. 496503 04
26.8		TF	Tap Factory	4.000				03			
27.5		CL	Crack Longitudinal					10			
47.8		CL	Crack Longitudinal					01			
52.0		RFJ	Roots Fine Joint				J	09	03		
62.4		RFJ	Roots Fine Joint				J	09			
67.2		RFJ	Roots Fine Joint				J	09	03		
83.3		TF	Tap Factory	4.000			Г	03			
87.5		MWL	Water Level			10					
104.8		FL	Fracture Longitudinal			-		01			
143.9		FM	Fracture Multiple		ĺ		8	04	06		
145.4		TF	Tap Factory	4.000				03			
145.4		JOM	Joint Offset Medium	ĺ							
195.3		TF	Tap Factory	4.000				03			PARTIALLY BLOCKED
200.9		IW	Infil Weeper			Ī		12			
205.7		IW	Infil Weeper					12			
227.5		FL	Fracture Longitudinal					12			
228.9		TF	Tap Factory	4.000				12			
229.0		FL	Fracture Longitudinal					12			
241.3		TF	Tap Factory	4.000				03			
248.1		TF	Tap Factory	4.000				12			
248.1		MGO	General Observation								N. 1163891.66/E. 496718.02
248.1		AMH	Manhole							(CO9038 (1-3-6)
248.1		FH	End of Survey								

248.1 Ft Total Length Surveyed

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

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

Setup 51 Surveyor T	IM Certificate	# U-307-1521 S	ystem Owner COLONY COVE
Drainage Su	rvey Customer COLONY COVE		
P/O #	Date 2012/04/20 Time 9:45	Street HOLLAND	AVE
City ELLENTON	Further location detail	Is CO 9039.1 100 HOLLAN	ND AVE
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade Ft
Finish CO 9039 (1-3-7)	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO9039.1
Shape Circular	Height 6 Widtl	n ins Preclean J	Year Cleaned 2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft Total length 185	.9 Ft Length Surveyed 185.9
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose	Cat		Pressure
Additional info SOUTHWE	ST	Stru	ctural O&M Constructional
Location Easement/Right of	Way	Misc	cellaneous Hydraulic
Project			Work Order
Northing 1163679.351	Easting 496339.883	Elevation	
Coordinate System US ST.	ATE PLANE1983 (NAD 1983)	GPS Acc	curacy

Count Video	CD	Code		in1	ln2	%	Jnt	Fr	То	ImRe	f Remarks
0.0		ST	Start of Survey								
0.0		AMH	Manhole								9033 (1-3-5)
0.0		MWL	Water Level			10	9				
0.0		MGO	General Observation								N 1163763.77/E 496503 04
27.3		FM	Fracture Multiple		2			02	09		
28.8		RFC	Roots Fine Connection					09			
28.8		TBD	Tap Break-in Defective	4.000				10			75% BLOCKED W/ ROOTS
28.8		CL	Crack Longitudinal					12			DUE TO TB
29.3		RFJ	Roots Fine Joint				J	05			
29.5		FM	Fracture Multiple					08	01		
29.5		RFB	Roots Fine Barrel					04			FROM FRACTURE
31.0		TB	Tap Break-in	4.000				12			
31.0		FS	Fracture Spiral					07	11		
44.6		FL	Fracture Longitudinal					12			
84.6		MMC	Material change								VCP TO PVC
86.8	1	TF	Tap Factory	6.000				09			
88.3		JSM	Joint Separated Medium								
88.3		MMC	Material change								PVC TO VCP
141.7		TF	Tap Factory	4.000				ΙŲ			
147.3		RFJ	Roots Fine Joint				J	09			
152.5		FM	Fracture Multiple					09	12		
156.9		RFJ	Roots Fine Joint				J	04			
162.4		RFJ	Roots Fine Joint				J	04			
167.1		RFJ	Roots Fine Joint				J		09		
171.9		RFJ	Roots Fine Joint				J	05			
177.8		TF	Tap Factory	4.000				09			
178.5		RFJ	Roots Fine Joint				J	12	12		
170.8		TE	Tap Factory	4 000				03			
183.4		MMC	Material change								VCP TO PVC
183.4		JSM	Joint Separated Medium								
185.0		TF	Tap Factory	4.000				12			

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 51	Surveyor	TIM		Certi	ificate #	ŧ U-	-307-1	521		Sys	tem O	wner	COLO	NY COVE	7
Drainage	5	Survey	Customer	COLON	Y COVE										
P/O #		Date	2012/04/20	Time	9:45		Street	HC	LLAN	D AV	E				
City ELL	ENTON		Further	locatio	n detail	s CO	9039.1	100	HOLL	AND.	AVE				
Start 9033	1-3-5)		Rim to	invert	5.90	Gı	rade to	inve	ert		Rir	n to gr	ade		Ft
Finish CO 90	39 (1-3-7)		Rim to	invert		Gı	rade to	inve	ert		Rir	n to gr	ade		Ft
Use Sanitary			Direction	on Up		F	low co	ontro	I				Media N	io C	O9039.1
Shape Circula	ar		Heig	ht 6	Width		ins	Pred	lean	J			Year Cl	eaned 2	012/04/20
Material Vitr	ified Clay Pipe	•	Joir	nt lengti	h	Ft	Total	leng	jth 18	35.9	Ft	Leng	jth Surv	eyed 18	5.9
Lining			Yea	r laid		Year	rehab	ilitate	ed		Weat	her	Dry		
Purpose					Cat									Pressu	re
Additional inf	o SOUTHW	/EST							St	ructu	ral	08	kM	Con	structional
Location Eas	ement/Right o	of Way							М	iscell	aneou	s Hy	draulic		
Project											Wor	k Orde	er		
Northing 11	63679.351		Easting	49633	9.883			Ele	vatio	п					
Coordinate S	ystem USS	STATE F	LANE1983 (N	AD 1983	3)			(SPS A	ccur	асу				
Count Video	CD Code				İı	11	ln2	%	JntFi	т То	ImRe	f Ren	narks		
185.9	AME	Manl	nole									CO 90	39 (1-3-	7)	
185.9	FH	End	of Survey												
185.9	MGC) Gene	eral Observation	n								N.116	3679.351	I/E.49633	9.883

185.9 Ft Total Length Surveyed

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

Notes

LINE WAS ROOT CUT

Y for COLONY COVE INITIAL CCTV SANITARY 201

Setup	52	Surveyor	TIM		Certif	ficate #	# U-307-1	521	Syste	m Owner	COLON	NY COVE
Draina	ge		Survey	Customer	COLONY	COVE						19
P/O #			Date	2012/04/20	Time	11:58	Street	HOLL	AND ST			
City	E	LLENTON		Further	location	details	s CO96088.	1 109 H	OLLAND S	T.		
Start	903	7 (1-3-5A)	(2)	Rim to	invert	7.00	Grade to	invert		Rim to g	grade	Ft
Finish	COS	96088		Rim to	invert		Grade to	invert		Rim to g	grade	Ft
Use S	anita	гу		Direction	on Up		Flow co	ontrol			Media N	lo CO96088.1
Shape	Circ	ular		Heigl	ht 6	Width	ins	Precle	an J		Year Cl	eaned 2012/04/20
Materia	al V	itrified Clay Pi	pe	Joir	ıt length		Ft Total	length	185.7	Ft Len	igth Surv	eyed 185.7
Lining				Yea	r laid		Year rehab	ilitated	V	Veather	Dry	
Purpos	e					Cat						Pressure
Additio	nal i	nfo SOUTH	WEST						Structura	I C	0&M	Constructional
Locatio	on E	asement/Right	t of Way						Miscellar	ieous H	lydraulic	
Project	t									Work Ord	ier	
Northin	ng '	1163509.238		Easting	496393	.786		Eleva	tion			
Coordi	nate	System US	STATE	PLANE1983 (N	AD 1983)		-	GP	S Accura	су		

Count Video	CD	Code		in1	in2	%	Jnt	Fr	То	ImRe	f Remarks
0.0		ST	Start of Survey								
0.0		AMH	Manhole								9037 (1-3-5A)
0.0	1	MWL	Water Level			10					
0.0	Î	MGO	General Observation			ĺ					N.1163598.73/E496557.31
17.0		IW	Infil Weeper					12			
22.0		IW	Infil Weeper					02			
23.0		TF	Tap Factory	4.000				10			
24.5		TF	Tap Factory	4.000		T		01			
40.0		IW	Infil Weeper					12			
60.1		IW	Infil Weeper					04	10		
64.1		CL	Crack Longitudinal					09			
65.1		IW	Infil Weeper					12			
66.1		TF	Tap Factory	4.000		T		10			
66.4		CL	Crack Longitudinal					09			
67.6		TF	Tap Factory	4.000		1		02			
88.0		CL	Crack Longitudinal					01			
88.1		IW	Infil Weeper					12			
88.3		FM	Fracture Multiple					07	01		
124.1	Ì	TF	Tap Factory	4.000		10		10			
125.6	Ì	TF	Tap Factory	4.000				02			
141.2		IW	Infil Weeper					08			
162.2		TF	Tap Factory	4.000				10			
163.8		TF	Tap Factory	4.000				02			
169.4		IVV	Infil Weeper					12			5.7.4.2
184.8		FM	Fracture Multiple					12	12		
185.5		ТВ	Tap Break-in	4.000				12			
185.7		MGO	General Observation							1	N.1163509.238/E.496393.786
185.7		AMH	Manhole								CO96088
185.7		FH	End of Survey								

185.7 Ft Total Length Surveyed

Υ

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 52	Surveyor	TIM		Certi	ficate a	# U-307-1	521	System C)wner (COLONY CO	VE
Drainage		Survey	Customer	COLONY	COVE						
P/O #		Date	2012/04/20	Time	11:58	Street	HOLL	AND ST			
City E	LLENTON		Further	location	detail	s CO96088.	1 109 HC	OLLAND ST.			
Start 903	7 (1-3-5A)		Rim to	invert	7.00	Grade to	invert	Riı	m to grad	de	Ft
Finish CO	96088		Rim to	invert		Grade to	invert	Rii	m to grad	de	Ft
Use Sanita	ry		Direction	on Up		Flow co	ontrol		M	edia No	CO96088.1
Shape Circ	cular		Heigl	nt 6	Width	ins	Preclea	an J	Y	ear Cleaned	2012/04/20
Material V	itrified Clay Pip	e	Join	t length	l	Ft Total	length	185.7 Ft	Length	Surveyed	185.7
Lining			Yea	r laid		Year rehabi	ilitated	Weat	her Dr	у	
Purpose					Cat					Pres	sure
Additional i	info SOUTHV	NEST						Structural	O&M	C	Constructional
Location E	asement/Right	of Way						Miscellaneou	s Hydr	aulic	
Project								Woi	k Order		
Northing	1163509.238		Easting	496393	3.786		Eleva	tion			
Coordinate	System US	STATE F	PLANE1983 (N.	AD 1983))		GP:	S Accuracy			

Scores

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

Tabular Report of PSR CO96089 Y for COLONY COVE INITIAL CCTV SANITARY 201

Setup 53 Surveyor TIM	Certificate :	# U-307-1521 Sy	stem Owner COLON	Y COVE
Drainage Survey Cu	stomer COLONY COVE			
P/O # Date 2	012/04/20 Time 13:39	Street ROTTERDAM	1 AVE	
City ELLENTON	Further location detail	s CO96089.1 201 ROTTER	DAM AVE	
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft
Finish CO96089	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Up	Flow control	Media No	CO96089.1
Shape Circular	Height 6 Width	ins Preclean J	Year Cle	aned 2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length 199.1	Ft Length Surve	yed 199.1
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose	Cat			Pressure
Additional info SOUTHWEST		Struct	ural O&M	Constructional
Location Easement/Right of Way		Misce	laneous Hydraulic	
Project			Work Order	
Northing 1163315.215	Easting 496384.081	Elevation		
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Accu	racy	

Count Video	CD	Code		ln1	ln2	%	.IntFr	To	ImRe	f Remarks
0.0		ST	Start of Survey	1		70	Jiti i	Ι.		7
0.0	1	AMH	Manhole	<u> </u>	<u> </u>	+		1		9034 (1-3-8)
0.0		MWL	Water Level		<u> </u>	10		+		3004 (1 0 0)
0.0	1	† 			l I	10.		-		N.1163412.36/E.496564.76
7.0	1	MGO	General Observation	-		-	12			14.1103412.30/E.430304.70
11.7	-	IW	Infil Weeper		<u> </u>		09			
	 	 	Infil Weeper				12			
16.7	ļ	IW	Infil Weeper			_	12			
21.9	 	IW	Infil Weeper			+	12	ļ		
26.9	-	IW	Infil Weeper	4.000		-				
37.9		TF	Tap Factory	4.000		-	03			
										VCP TO PVC
40.0	-	MMC	Material change			4		-		VCP TO PVC
40.0		JOL	Joint Offset Large			 	_	<u> </u>		DV0 70 V0D
41.5		MMC	Material change							PVC TO VCP
41.5		JSL	Joint Separated Large							***
45.0		IVV	Infil Weeper			\perp	12			
46.5		FM	Fracture Multiple					08		
60.0	<u> </u>	IW	Infil Weeper				12			
65.0		IW	Infil Weeper				12	_		
75.0		CL	Crack Longitudinal				04			
85.0		IW	Infil Weeper				12			
88.5		В	Broken				04			
88.5		IW	Infil Weeper				12			COMING FROM BROKEN PIPE
89.5		ТВ	Tap Break-in	4.000			12			
101.2		TF	Tap Factory	4.000			02			
102.5		TF	Tap Factory	4.000			10			
108.2		IW	Infil Weeper				12			
113.1		IW	Infil Weeper				12			
118.1		IW	Infil Weeper				03	09		
133.1	İ	IW	Infil Weeper	1			03	09		
150.8	Ī	FL	Fracture Longitudinal			1	09			

for COLONY COVE INITIAL CCTV SANITARY 201

•	01.01.01.	T114			4504					Y COVE
Setup 53	Surveyor		ificate #	U-30/-	1521	;	byst	tem Owner	COLON	T COVE
Drainage	S	urvey Customer COLON								
P/O #			13:39		t ROT					
City ELL	ENTON	Further location	n details (096089	9.1 201 I	ROTTE	RD	AM AVE		
Start 9034 (1-3-8)	Rim to invert	6.30	Grade 1	to inver	t		Rim to	grade	Ft
Finish CO960	089	Rim to invert		Grade 1	to inver	t		Rim to g	grade	Ft
Use Sanitary		Direction Up		Flow	control				Media No	CO96089.1
Shape Circula	ar	Height 6	Width	ins	Preci	ean .	j		Year Cle	aned 2012/03/28
Material Vitri		Joint length			al lengt	h 199	9.1	Ft Ler	gth Surve	yed 199.1
Lining		Year laid		ar reha	_			Weather	Dry	-
Purpose		Tour fatur	Cat		J	-			•	Pressure
Additional info	o SOUTHWI	FST				Stri	uctui	ral C	0&M	Constructional
Location Eas									ydraulic	Constructional
	emeni/Right o	i vvay								
Project								Work Ord	ier	
	63315.215	Easting 49638				ation				
		TATE PLANE1983 (NAD 1983	•			PS Ac				
Count Video	CD Code		In1	In2	% J			ImRef Re	marks	
152.0	TB	Tap Break-in	4.0	00		12				
152.3	FL	Fracture Longitudinal				02	-			
158.1	IW	Infil Weeper			4	_	09			
163.2	CL	Crack Longitudinal		-	-	07				
164.2	TF	Tap Factory	4.0		+	02	_	000/	BLOCKED	
165.7	TFD	Tap Factory Defective	4.0	00	\rightarrow	10	-	90%	BLOCKED	
171.2	IW	Infil Weeper		-	++		-	_		
181.2	IW	Infil Weeper	_		+	12	-			
186.2	IW	Infil Weeper			+	12	\dashv			
196.3	IW	Infil Weeper	4.0	00	+	11	+			<u> </u>
197.1	TF	Tap Factory	4.0		+	12	-	11000	BLOCKE)
198.6	TFD	Tap Factory Defective	4.0	00	+	12	\dashv	CO96		
199.1	AMH	Manhole		_	+	+	-	COat	0009	
199.1 199.1	AMH FH MGO	End of Survey								E.496384.081

199.1 Ft Total Length Surveyed

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

JTV INC. Phone: (727)528-1998 Page 2 of 2

Tabular Report of PSR CO69136 (1-3-10) X for COLONY COVE INITIAL CCTV SANITARY 201 Setup 54 Surveyor TIM Certificate # U-307-1521 System Owner COLONY COVE

Setup 54 Surveyor TIM	Certificate # U-307-1	521 System Owner COLONY C	COVE
Drainage Survey C	ustomer COLONY COVE		
P/O # Date	2012/04/26 Time 8:16 Street	EMDEN WAY	
City ELLENTON	Further location details CO69136.	1 200 EMDEN WAY	
Start 9042 (1-3-9)	Rim to invert 4.60 Grade to	invert Rim to grade	Ft
Finish CO69136 (1-3-10)	Rim to invert Grade to	invert Rim to grade	Ft
Use Sanitary	Direction Up Flow co	ontrol Media No	CO69136.1
Shape Circular	Height 6 Width ins	Preclean J Year Clean	ed 2012/04/26
Material Vitrified Clay Pipe	Joint length Ft Total	length 256.6 Ft Length Surveye	d 256.6
Lining	Year laid Year rehab	ilitated Weather Dry	
Purpose	Cat	Pr	essure
Additional info SOUTHWEST		Structural O&M	Constructional
Location Yard		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1163130.922	Easting 496427.925	Elevation	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accuracy	

Count Video	CD	Code		In1	ln2	%	Jn	tFr	То	ImRe	f Remarks
0.0		ST	Start of Survey								
0.0		АМН	Manhole			AL.					9042 (1-3-9)
0.0		MWL	Water Level			10					
0.0		MGO	General Observation								N.1163254.72/E.496654.91
11.2		IW	Infil Weeper					12			
21.2		IW	Infil Weeper					01			
27.3		TFD	Tap Factory Defective	4.000				10			100% BLOCKED BY ROOTS
37.8		RFJ	Roots Fine Joint				J	10	12		
37.8		IW	Infil Weeper					12		o	# I
42.8		IW	Infil Weeper					10			
52.9		IW	Infil Weeper					12			
67.9		IW	Infil Weeper					11			A Cally I Salva
73.9		TF	Tap Factory	4.000				02			
74.5		IW	Infil Weeper					02	10		
84.3		IW	Infil Weeper					12			
85.6		TFD	Tap Factory Defective	4.000				10			50% BLOCKED
85.8		CL	Crack Longitudinal		1			11			
91.0		IVV	Infil Weeper					12			200
101.1		IW	Infil Weeper					12			
126.0		IW	Infil Weeper					02			
126.2		CL	Crack Longitudinal					04			24 12 12 12 12 12 12 12 12 12 12 12 12 12
131.0		IW	Infil Weeper					80			
132.0		TFC	Tap Factory Capped	4.000				02	9010		
137.6		IW	Infil Weeper					03	09		
143.0		RFJ	Roots Fine Joint				J	08	03		12.12
143.0		IW	Infil Weeper					12			
143.7		TF	Tap Factory	4.000				09			
169.2		IW	Infil Weeper					12			
179.3		IW	Infil Weeper					12			
189.1		IW	Infil Weeper					12			
190.1		TF	Tap Factory	4.000				03			

JTV INC. Phone: (727)528-1998 Page 1 of 2

Tabular Report of PSR CO69136 (1-3-10) X for COLONY

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 54	Surveyor	TIM Cer	rtificate	# U-	307-1	521		Svs	stem O	wner	COLONY	COVE
Drainage	<u>-</u>	Survey Customer COLO	NY COV	E								
P/O #		•	ne 8:16		Street	EM	DEN	WAY				
	.ENTON	Further location										
Start 9042 (Rim to invert			ade to					n to gra	ade	Ft
Finish CO69	•	Rim to invert			ade to					n to gra		Ft
Use Sanitary	,	Direction U			low co				1 (11)		Vledia No	
Shape Circula	ar.	Height 6	Widt	_	ins		-			-		aned 2012/04/26
Material Vitri		_							F4			
	noa olay r ipo	•	tn	Ft		_		0.00	Ft	_		yed 256.6
Lining -		Year laid	_	Year	renab	ilitate	ed		Weat	ner L	Dry	_
Purpose			Cat									Pressure
Additional inf		EST						tructi		O&I		Constructiona
Location Yard	t	No.					IV	iscei	laneous	Hyc	draulic	
Project									Wor	k Orde	r	
Northing 11	63130.922	Easting 4964	27.925			Ele	vatio	n				
Coordinate Sy	stem USS	STATE PLANE1983 (NAD 198	33)			G	PS A	\ccu	racy			
Count Video	CD Code			in1	in2	%	JntF	r To	ImRe	Rem	arks	
200.6	IW	Infil Weeper					1	1				
201.7	TF	Tap Factory		4.000			1	1				
213.0	MGC	General Observation								DIP IN	PIPE	
222.1	IW	Infil Weeper					1					
223.1	TFC	Tap Factory Capped		4.000			1	1				
228.8	IW	Infil Weeper					0					
233.8	IVV	Infil Weeper					1					
238.8	IVV	Infil Weeper					0	_				
243.9	IVV	Infil Weeper					1	2				
249.7	TFC	Tap Factory Capped		4.000			0	1				
255.5	IW	Infil Weeper					1	2				
256.3	TF	Tap Factory		4.000			1	2				
256.6	MGC	General Observation								N.1163	130.922/E	.496427.925
256.6	AMH	Manhole								CO691	36 (1-3-10))
256.6	FH	End of Survey										

256.6 Ft Total Length Surveyed

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

JTV INC. Phone: (727)528-1998 Page 2 of 2

Tabular Rep	ort of	PSR	CO9	6086	;		Υ			for	COL	10.	YV	CO	VE II	AITIN	L CC	CTV S	SAN	ITARY 20'
Setup 55	Surve	eyor T	IM				Cer	tifica	ate#	U-307-	1521		:	Sys	tem C	wner	CO	LONY	cov	Έ
Drainage		Sı	ırvey	Cust	omer	С	OLON	IY CC	OVE											
P/O #			Date	201	2/04/26	;	Tim	e 8	:06	Stree	t DE	NM	ARK	C DF	₹.					
City ELL	ENTO	١			Furthe	er lo	ocatio	on de	etails C	O96086	3.1 208	DE	NM	ARI	CDR.					
Start 11845	(1-3-10	0)			Rim to	o ir	nvert			Grade 1	to inv	ert			Riı	n to g	rade			Ft
Finish CO960	086				Rim to	o ir	vert			Grade 1	o inv	ert			Rii	n to g	rade			Ft
Use Sanitary					Direct	tior	ր Մբ)		Flow	ontro	ol .					Medi	a No		CO96086.1
Shape Circula	ar				Hei	ght	t 6	Wi	idth	ins	Pre	clea	ın .	J			Year	r Clea	ned	2012/04/26
Material Vitri		y Pipe				_	leng	th	Ft	Tota	ıl leng	ıth	97.	0	Ft	Len	ath S	urvey	ed 9	7.0
Lining							laid			ar rehal	_	-			Weat		Dry	- 3		
Purpose								Ca									•	Р	ress	ure
Additional inf	o SO	UTHWE	ST	-					-			Т	Stri	uctu	ıral	0	&M		Сс	nstructional
Location Eas													Mis	cell	aneou	s H	ydraul	ic		
Project												L			Woi	k Ord	ler			
_	63090.9	20									E1.		ion							
		70			Eastine	0	4967	94.62	<u> </u>		EIE	·va:	иоп							
			ATE F		E astin g E1983 (3	4967 D 198		•						racv					
Coordinate Sy	/stem	US ST	ATE F			3				ln?	(3PS	S Ac	cu	racy ImRe	f Re	mark			
Count Video	/stem	US ST		PLANE	E1983 (3			In1	ln2	(3PS	S Ac	cu		f Re	mark			
Count Video	/stem	US ST Code ST	Start	of Su	E1983 (3				in2	(3PS	S Ac	cu						
Count Video 0.0 0.0	/stem	US ST Code ST AMH	Start	of Su	E1983 (3				In2	(3PS	S Ac	cu			mark : 5 (1-3-			
Coordinate Sy Count Video 0.0 0.0 0.0	/stem	US ST Code ST AMH MWL	Start Mani Wate	of Su	E1983 ((NA	D 198			In2	%	3PS	S Ac	cu		11845	5 (1-3-		9687	73.16
Count Video 0.0 0.0	/stem	US ST Code ST AMH	Start Mani Wate Gene	of Su hole er Leve	E1983 ((NA	D 198			In2	%	3PS	S Ac	cu		11845 N.116	5 (1-3-	10) 63/E.4	9687	73,16
Count Video 0.0 0.0 0.0 0.0 0.0	/stem	US ST Code ST AMH MWL MGO	Start Mani Wate Gene Gene	of Su hole er Leve	E1983 (rvey el bservat	(NA	D 198			In2	%	3PS	S Ac	cu		11845 N.116	5 (1-3- 63144.	10) 63/E.4	9687	73.16
Coordinate Sy Count Video 0.0 0.0 0.0 0.0 0.0 0.0	/stem	US ST Code ST AMH MWL MGO MGO	Start Mani Wate Gene Gene Joint	of Su hole er Leve eral O	E1983 (rvey el bservat	tion	D 198			ln2	%	3PS	tFr	cu		11845 N.116	5 (1-3- 63144.	10) 63/E.4	9687	73.16
Count Video 0.0 0.0 0.0 0.0 0.0 0.0 6.0	/stem	US ST Code ST AMH MWL MGO MGO JOM	Start Manh Wate Gene Gene Joint Fract	of Su hole er Leve eral O	el bservat bservat t Mediu	tion	D 198			ln2	%	Jni	10 10	cu		11845 N.116	5 (1-3- 63144.	10) 63/E.4	9687	73.16
Coordinate Sy Count Video 0.0 0.0 0.0 0.0 0.0 0.0 24.1	/stem	US ST Code ST AMH MWL MGO MGO JOM FL	Start Manl Wate Gene Gene Joint Fract Root	of Su hole er Leve eral O offse ture Le	el bservat bservat t Mediu ongitud	tion	D 198			In2	%	Jn	tFr	cu		11845 N.116	5 (1-3- 63144.	10) 63/E.4	9687	73.16
Coordinate Sy Count Video 0.0 0.0 0.0 0.0 0.0 6.0 24.1 24.1 54.0	/stem	US ST Code ST AMH MWL MGO JOM FL RFJ RFJ	Start Manl Wate Gene Gene Joint Fract Root	of Su hole er Leve eral O eral O Offse ture Les s Fine s Fine	el bservat bservat t Mediu ongitud e Joint	(NA tion tion um	D 198			In2	%	Jni	10 10	To		N.116	5 (1-3- 33144. AT ST	10) 63/E.4 ART		73.16
Coordinate Sy Count Video 0.0 0.0 0.0 0.0 0.0 6.0 24.1 24.1 54.0 59.0 60.0	/stem	US ST Code ST AMH MWL MGO JOM FL RFJ RFJ MMC	Start Manl Wate Gene Gene Joint Fract Root Root Mate	of Su hole er Leve eral O eral O offse ture Le s Fine erial ch	el bservat bservat t Mediu ongitud e Joint e Joint aange	(NA tion tion um	D 198			In2	%	Jni J	10 10 10	To	ImRe	N.116	5 (1-3- 33144. AT ST	10) 63/E.4		73.16
Coordinate Sy Count Video 0.0 0.0 0.0 0.0 0.0 6.0 24.1 24.1 54.0 59.0 60.0 73.6	/stem	US ST Code ST AMH MWL MGO JOM FL RFJ RFJ MMC RFJ	Start Manl Wate Gene Gene Joint Fract Root Root Mate Root	of Su hole er Leve eral O eral O Offse ture Les s Fine s Fine s Fine s Fine	el bservat bservat Mediu ongitud ongit	(NA tion tion um	D 198			In2	%	Jn J J J J J	10 10 10 09	To	ImRe	N.116	5 (1-3- 33144. AT ST	10) 63/E.4 ART		73.16
Coordinate Sy Count Video 0.0 0.0 0.0 0.0 0.0 6.0 24.1 24.1 54.0 59.0 60.0 73.6 78.7	/stem	US ST Code ST AMH MWL MGO MGO JOM FL RFJ RFJ MMC RFJ RFJ RFJ	Start Manil Wate Gene Gene Joint Fract Root Root Mate Root Root	of Surhole er Level eral Offseture Los Fines	el bservat bservat t Mediu ongitud e Joint e Joint e Joint e Joint e Joint e Joint e Joint e Joint	(NA tion tion um	D 198			In2	%	J	10 10 10 10 09 08	70 	ImRe	N.116	5 (1-3- 33144. AT ST	10) 63/E.4 ART		73.16
Coordinate Sy Count Video 0.0 0.0 0.0 0.0 0.0 6.0 24.1 24.1 54.0 59.0 60.0 73.6	/stem	US ST Code ST AMH MWL MGO JOM FL RFJ RFJ MMC RFJ	Start Manl Wate Gene Gene Joint Fract Root Root Mate Root Root Root Root	of Suchole er Level eral Offseture Los Fines s	el bservat bservat t Medic ongitud e Joint e Joint e Joint e Joint e Joint e Joint e Joint e Joint e Joint	(NA tion tion um	D 198			In2	%	J	10 10 10 09	70 	ImRe	N.116 PVC	5 (1-3- 33144. AT ST	10) 63/E.4 ART	CP	73.16

97.0 Ft **Total Length Surveyed**

LU

MGO

AMH

Alignment Up

End of Survey

Manhole

General Observation

88.5

97.0

97.0

97.0

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

10

JTV INC. Phone: (727)528-1998

N.1163090.98/E.49674.62

CO96086

Tabular Report of PSR CO96071 Y for COLONY COVE INITIAL CCTV SANITARY 201

Setup	56	Surveyor	TIM		Certif	ficate #	U-307-15	21	Sys	tem Ov	ner COLO	NY COVE
Drainag	ge		Survey	Customer	COLONY	COVE						
P/O #			Date	2012/04/26	Time	10:51	Street	ALKN	IAAR ST			
City	ELL	ENTON		Further	location	details	CO96071.1	303 AI	LKMAAF	ST		
Start	8863	(1-11-2)		Rim to	invert	7.00	Grade to	invert		Rim	to grade	Ft
Finish	CO96	071 (1-11-2-	1)	Rim to	invert		Grade to	invert		Rim	to grade	Ft
Use S	anitary			Direction	on Up		Flow co	ntrol			Media N	lo CO96071.1
Shape	Circul	ar		Heig	ht 6	Width	ins	Precie	an J		Year C	leaned 2012/04/26
Materia	ıl Vitr	ified Clay Pip	ре	Joi	nt length	ı	Ft Total	length	297.1	Ft	Length Surv	eyed 297.1
Lining				Yea	r laid	Y	'ear rehabi	litated		Weath	er Dry	
Purpos	е					Cat						Pressure
Additio	nal inf	NORTH							Structu	ral	O&M	Constructional
Locatio	n Eas	ement/Right	of Way						Miscell	aneous	Hydraulic	
Project								•		Work	Order	
Northin	ıg 11	64561.402		Easting	497795	.990		Eleva	tion			
Coordin	nate S	ystem US	STATE F	PLANE1983 (N	AD 1983)			GP:	S Accui	racy		

				2-11-21							
Count Video	CD	Code		in1	In2	%	Jn	tFr	То	ImRe	f Remarks
0.0		ST	Start of Survey								
0.0		AMH	Manhole								8863 (1-11-2)
0.0		MWL	Water Level			10					
0.0		MGO	General Observation							1 1	N.1164293.90/E.498102.34
0.8		FM	Fracture Multiple					12	12		
1.0		FL	Fracture Longitudinal					12			
27.0		RFJ	Roots Fine Joint				J	12			
33.0		TF	Tap Factory	4.000				12			
68.9		CL	Crack Longitudinal					04			
73.6		IW	Infil Weeper					04			
84.4		TF	Tap Factory	4.000				12			
135.0		RFJ	Roots Fine Joint				J	05			
140.6		CC	Crack Circumferential					12	04		
143.1		RFJ	Roots Fine Joint				J	11			
143.2		TF	Tap Factory	4.000				12			
155.4		RFJ	Roots Fine Joint				J	04			
170.2		RFJ	Roots Fine Joint				J	09			
181.1		MGO	General Observation								ROOTS FROM CUTTING
200.5		FM	Fracture Multiple					01	05		
202.2		FM	Fracture Multiple					12	06		
202.4		TF	Tap Factory	4.000				12			
203.9		RMJ	Roots Medium Joint		9450.000-500.0	10	J	09			AFTER ROOT CUTTING LINE
203.9		В	Broken					04			
212.1		RFJ	Roots Fine Joint				J	08			
220.8		RMB	Roots Medium Barrel			20		06			
224.3		RTJ	Roots Tap Joint			5	J	05			
228.3		CL	Crack Longitudinal				38	06			
243.0		RFJ	Roots Fine Joint				J	07			
252.7		CL	Crack Longitudinal					07			
253.8		RFJ	Roots Fine Joint				J	08			
262.9		FL	Fracture Longitudinal					09			

Υ

for COLONY COVE INITIAL CCTV SANITARY 201

Setup 56	Surve	yor T	1M		Certi	ficate #	U-	307-1	521		Sys	stem Ov	vner	COLONY	COVE
Drainage		Sı	rvey Custon	er CO	LONY	COVE									
P/O #			Date 2012/0	4/26	Time	10:51	;	Street	AL	KMAAI	R ST	Г			
City E	LLENTON	I	Fu	rther lo	cation	details	COS	96071.	1 303	ALKN	IAA F	RST			
Start 886	3 (1-11-2)		R	im to inv	ert	7.00	Gr	ade to	inve	ert		Rim	to gr	ade	Ft
Finish CO	96071 (1-1	1-2-1)	R	im to inv	ert		Gr	ade to	inve	ert		Rim	to gr	ade	Ft
Use Sanita	гу		D	irection	Up		F	low c	ontro	ol .			ı	Vledia No	CO96071.1
Shape Circ	ular			Height	6	Width		ins	Pre	clean	J			Year Clea	ned 2012/04/26
	itrified Cla	y Pipe		Joint le	ength	1	Ft	Total	leng	jth 29	7.1	Ft	Leng	th Survey	ed 297.1
Lining				Year la	ıid	Υ	ear ı	rehab	ilitate	ed		Weath	er l) Dry	
Purpose						Cat								Р	ressure
Additional i	nfo NO	RTH								St	ructu	ıral	0&	M	Constructional
Location E	asement/F	Right of	Way							Mi	scel	laneous	Hyd	draulic	
Project										·		Work	Orde	r	
Northing	1164561.4	02	Eas	sting 4	97795	.990			Ele	vatior	1				
Coordinate	System	US ST	ATE PLANE19	983 (NAD	1983)				(SPS A	ccu	racy			
Count Video	CD	Code				In	1	in2	%	JntFr	To	ImRef	Rem	arks	
269.0		TF	Tap Factory			4	.000			12	I				
274.5		IW	Infil Weeper							01					
295.4		TF	Tap Factory			4	.000			09					
297.1		TF	Tap Factory			4	.000			12					
297.1		MGO	General Obse	ervation									DEBRI	S IN LINE J	ETTER COULD
297.1		MGO	General Obse	ervation		0.000							V.1164	561.402/E	497975.990
297.1		AMH	Manhole										CO960	71	
297.1		FH	End of Surve	/											

297.1 Ft Total Length Surveyed

Scores
Structural: Pipe Rating 28 Pipe Ratings Index 2.8 Peak 4 Mean Pipe 0.1

Notes

Structural: Pipe Rating 28 Pipe Ratings Index 2.8 Peak 4 Mean Pipe 0.1

Pipe Ratings Index 1.6 Peak 4 Mean Pipe 0.1

LINE WAS ROOT CUT

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for COLONY COVE INITIAL CCTV SANITARY 201

Setup	57	Surveyor	TIM		Certi	ificate	# U	-307-1	521	System C	wner C	COLONY CC	VE
Drainag	ge		Survey	Customer	COLONY	COVE	•						
P/O #			Date	2012/04/27	Time	9:02		Street	ALKN	IAAR ST.			
City	ELI	LENTON		Further	location	n detai	is CO	96072.	1 319 Ai	LKMAAR ST.			
Start	8863	(1-11-2)		Rim to	invert	7.00	G	rade to	invert	Rir	n to grad	le	Ft
Finish	CO96	072 (1-11-2-	2)	Rim to	invert		G	rade to	invert	Rir	n to grad	le	Ft
Use S	anitary			Directi	on Up		F	low c	ontrol		Me	edia No	CO96072.1
Shape	Circul	ar		Heig	ht 6	Width	1	ins	Precle	an J	Ye	ear Cleane	2012/04/27
Materia	l Vitr	ified Clay Pip	e	Join	nt length	1	Ft	Tota	length	161.5 Ft	Length	Surveyed	161.5
Lining				Yea	r laid		Year	rehab	ilitated	Weat	her Dr	y	
Purpos	е					Cat						Pres	sure
Additio	nal inf	o SOUTH								Structural	O&M	(Constructional
Locatio	n Eas	sement/Right	of Way							Miscellaneous	Hydra	aulic	
Project									,	Wor	k Order		
Northin	g 11	64153.408		Easting	498162	2.887			Eleva	tion			
Coordi	nate S	ystem US	STATE P	LANE1983 (N	AD 1983)			GP	S Accuracy			
Count V	ideo	CD Code	•		UGSS	1	n1	in2	% Jn	tFr To ImRe	f Rema	rks	

Count Video	CD Code		ln1	ln2	%	Jni	tFr	То	ImRe	f Remarks
0.0	ST	Start of Survey	1							
0.0	AMH	Manhole	1 1							8863 (1-11-2)
0.0	MWL	Water Level			10					
0.0	MGO	General Observation								N.1164293.90/E.498102.34
7.2	RFJ	Roots Fine Joint				J	03	09		
17.0	CL	Crack Longitudinal					09			J ne man
18.0	TF	Tap Factory	4.000				12			
38.4	CL	Crack Longitudinal			1		05			
38.4	IW	Infil Weeper					03	09		
43.4	IVV	Infil Weeper					12			
48.5	IVV	Infil Weeper					03			
63.4	СМ	Crack Multiple					02	03		
63.5	CL	Crack Longitudinal					03			7101
73.7	FL	Fracture Longitudinal					05			
79.6	TF	Tap Factory	4.000				12			
121.1	TE	Top Factory	4.000				12			
160.9	MMC	Material change					17.25			VCP TO PVC
101.5	IVIGO	General Observation								N.1184158.488/E.498162.887
161.5	AMH	Manhole								CO96072
161.5	FH	End of Survey								

161.5 Ft Total Length Surveyed

Scores [Structural:	Pipe Rating 12	Pipe Ratings Index 2.4	Peak 3	Mean Pipe 0.1
Notes	O&M:	Pipe Rating 7	Pipe Ratings Index 1.8	Peak 2	Mean Pipe 0

LINE WAS ROOT CUT

Tabular Report of PSR CO EOL96070 X for COLONY COVE INITIAL CCTV SANITARY 201

Setup 58 Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage Survey Cu	stomer COLONY COVE	
P/O # Date 2	2012/04/27 Time 10:04 Street ALK	MAAR ST.
City ELLENTON	Further location details COEOL96070.1	300 ALKMAAR ST.
Start 8865 (1-1-13)	Rim to invert 5.10 Grade to inver	rt Rim to grade Ft
Finish CO EOL96070 (1-1-14)	Rim to invert Grade to inver	rt Rim to grade Ft
Use Sanitary	Direction Up Flow control	Media No CO96070.1
Shape Circular	Height 6 Width ins Precl	ean J Year Cleaned 2012/04/27
Material Vitrified Clay Pipe	Joint length Ft Total lengt	h 118.0 Ft Length Surveyed 118.0
Lining	Year laid Year rehabilitate	d Weather Dry
Purpose	Cat	Pressure
Additional info NORTH		Structural O&M Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic
Project		Work Order
Northing 1164467.153	Easting 497811.395 Elev	ation
Coordinate System US STATE PLA	ANE1983 (NAD 1983) G	PS Accuracy

Oool ulliate	oystein		7 (12 1 B (142 1000 (14 15 1000)				3F 0		vu	acy	
Count Video	CD	Code		In1	ln2	%	Jnt	Fr	То	lmRe	f Remarks
0.0		ST	Start of Survey								
0.0		AMH	Manhole			T					8865 (1-1-13)
0.0		MWL	Water Level	l		10					
0.0		MGO	General Observation								N.1164361.54/E.497875.85
1.0		FM	Fracture Multiple			1		12	12		
3.0		RFJ	Roots Fine Joint				J	08			
3.1		FM	Fracture Multiple					12	12		
3.5		TB	Tap Break-in	4.000				02			
0.3	+	LOL	Crack Longitudinal			\vdash		٥7			
9.3		MMC	Material change	Î		1					VCP TO PVC
25.0		MMC	Material change								PVC TO VCP
34.6		IVV	ımıı vveeper					09			
39.5		RFJ	Roots Fine Joint				J	07			
44.5		IW	Infil Weeper					10			
49.5		IW	Infil Weeper					12			
50.5		TF	Tap Factory	4.000				03			
85.5		RFJ	Roots Fine Joint				J	02	05		
90.5		IW	Infil Weeper					12			
106.2		TF	Tap Factory	4.000				03			
111.7		IW	Infil Weeper					12			
117.8		TF	Tap Factory	4.000				12			
118.0		MGO	General Observation								N.1164467.153/E.497811.395
118.0		AMH	Manhole]		CO EOL96070
118.0		FH	End of Survey								

118.0 Ft Total Length Surveyed

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

LINE WAS ROOT CUT

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

Certificate #	U-307-1521 Sy :	stem Owner COLONY COVE
customer COLONY COVE		
2012/04/27 Time 10:48	Street ALKMAAR S	г.
Further location details	8865.1 302 ALKMAAR ST	
Rim to invert 5.10	Grade to invert	Rim to grade Ft
Rim to invert 7.40	Grade to invert	Rim to grade Ft
Direction Down	Flow control	Media No 8865.1
Height 6 Width	ins Preciean J	Year Cleaned 2012/04/2
Joint length F	t Total length 170.9	Ft Length Surveyed 170.9
Year laid Ye	ear rehabilitated	Weather Dry
Cat		Pressure
	Struct	ural O&M Construction
	Misce	laneous Hydraulic
		Work Order
Easting 497875.85	Elevation	
_ANE1983 (NAD 1983)	GPS Accu	racy
	Customer COLONY COVE 2012/04/27 Time 10:48 Further location details Rim to invert 5.10 Rim to invert 7.40 Direction Down Height 6 Width Joint length F Year laid Ye Cat	Further location details 8865.1 302 ALKMAAR ST. Rim to invert 5.10 Grade to invert Rim to invert 7.40 Grade to invert Direction Down Flow control Height 6 Width ins Preclean J Joint length Ft Total length 170.9 Year laid Year rehabilitated Cat Easting 497875.85 Elevation

Count Video	CD	Code		in1	ln2	%	Jn	tFr	To	ImRef Remarks	
0.0		ST	Start of Survey				Π	Π			
0.0		AMH	Manhole							8865 (1-1-13)	
0.0		MWL	Water Level	i	Ì	10					
0.0		MGO	General Observation			Ī				N.1164361.54/E.497875.8	5
10.5		FL	Fracture Longitudinal					11			
10.8		FL	Fracture Longitudinal					11			
20.6		RFJ	Roots Fine Joint				J	01	04		
25.4		RFJ	Roots Fine Joint				J	09	02		
28.1		FL	Fracture Longitudinal					08			
29.8		RFB	Roots Fine Barrel					08			
29.8		CM	Crack Multiple					05	07		
45.2		RFJ	Roots Fine Joint				J	12	03		
48.6		CL	Crack Longitudinal					09			
49.8		FM	Fracture Multiple		İ			07	08		
50.2		RFJ	Roots Fine Joint				J	12	12		
50.4		FM	Fracture Multiple					05	08		
63.8		CL	Crack Longitudinal					08			
70.2		CL	Crack Longitudinal					05			
72.3		FM	Fracture Multiple					07	04		
89.8		FM	Fracture Multiple					12	12		
94.8		CL	Crack Longitudinal					03			
159.4		CL	Crack Longitudinal					11			
170.9		MGO	General Observation							N.1164210.45/E.497959.5	2
170.9		AMH	Manhole							8864 (1-11-1)	
170.9	1	FH	End of Survey	-							

170.9 Ft Total Length Surveyed

	Scores	Structural:	Pipe Rating 38	Pipe Ratings Index 2.9	Peak 4	Mean Pipe 0.2
Notes	000.00	O&M:	Pipe Rating 6	Pipe Ratings Index 1.2	Peak 2	Mean Pipe 0

LINE WAS ROOT CUT DUE TO MH 8865 BEING SURCHARGED

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for COLONY COVE INITIAL CCTV SANITARY 201

Setup	60	Surveyor	TIM		Certif	ficate #	# U-307-	1521	System O	wner C	OLONY CO	VE
Drainag	je		Survey	Customer	COLONY	COVE						
P/O #			Date	2012/04/27	Time	12:10	Stree	t DORE	DRECHT ST			
City	EL	LENTON		Further	location	detail	s CO96073	3.1 220 D	ORDRECHT ST	Г		
Start	8865	(1-1-13)		Rim to	invert	5.10	Grade 1	o invert	Rin	to grad	е	Ft
Finish	CO96	6073		Rim to	invert		Grade t	o invert	Rin	to grad	е	Ft
Use Sa	anitary	1		Directi	on Up		Flow	ontrol		Me	dia No	CO96073.1
Shape	Circu	lar		Heig	ht 6	Width	ins	Precle	an J	Ye	ar Cleaned	2012/04/27
Materia	l Vit	rified Clay Pi	pe	Joi	nt length		Ft Tota	ıl length	132.5 Ft	Length	Surveyed	132.6
Lining				Yea	ır laid	•	Year reha	bilitated	Weati	ner Dry	1	
Purpos	е					Cat					Pres	sure
Additio	nal in	fo WEST							Structural	O&M	C	Constructional
Locatio	n Ea	sement/Right	t of Way						Miscellaneous	Hydra	ulic	
Project									Worl	k Order		
Northin	g 1	164298.274		Easting	497755	.798		Eleva	tion			
Coordin	nate S	ystem US	STATE F	PLANE1983 (N	IAD 1983)			GP	S Accuracy			
			i de la composición del composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la compos						· ImPai		1	

Count Video	CD Code	D Code		in2	%	Jn	tFr	To	ImRef	Remarks
0.0	ST	Start of Survey			1		Π		1 1	
0.0	AMH	Manhole			İ		İ		88	365 (1-1-13)
0.0	MWI	Water Level			10					
0.0	MGC	General Observation			1				N.	.1164361.54/E.497875.85
1.0	FC	Fracture Circumferential					12	12		
5.0	RFJ	Roots Fine Joint				J	12	12		
11.6	RFJ	Roots Fine Joint				J	12	12		
16.3	MMC	Material change							V	CP TO PVC
22.3	MMC	Material change							P\	VC TO VCP
26.6	RFJ	Roots Fine Joint			1	J	12	12		
32.6	TF	Tap Factory	4.000		Ī		10			
38.0	IW	Infil Weeper					12			2019.5
82.5	IW	Infil Weeper					12			
87.4	IVV	Infil Weeper					12			
93.6	TF	Tap Factory	4.000				10			
98.9	IVV	Infil Weeper					12			se AMO M
123.5	RFJ	Roots Fine Joint				J	12	03		
129.3	TF	Tap Factory	6.000				03			3,000
130.9	TF	Tap Factory	4.000				09			
132.4	MGC	General Observation							N.	1164298.274/E.497755.798
132.5	AMH	Manhole							CC	D96073
132.5	FH	End of Survey								
132.6	TF	Tap Factory	4.000				12			
132.6	MGC								DE	BRIS IN LINE JETTER COULD!

132.6 Ft Total Length Surveyed

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

LINE WAS ROOT CUT

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for COLONY COVE INITIAL CCTV SANITARY 201

VCP TP PVC

CO96065

N.1163555.857/E.497426.917

MAP LENGTH 213.7

. abaiai itop	0		0000	, ,				-	-01	•••	-	V 1	141117			WINIT 2
Setup 61	Surveyo	r TIM		Cert	ificate #	U-	307-1	521	-	•	Sys	tem C)wner	COLO	NY CO	VE
Drainage		Survey	Customer	COLON	Y COVE											
P/O #		Date	2012/04/27	Time	13:31		Street	HE	RLE	EEN	AV	E				
City ELI	ENTON		Furthe	er location	n details	CO!	96065.	1 201	N.	UTF	REC	HT ST	Γ			
Start 9017	(1-1-4)		Rim t	o invert	6.00	Gr	ade to	inv	ert			Ri	m to g	rade		Ft
Finish CO96	065 (1-1-5)		Rim t	o invert		Gr	ade to	inv	ert			Ri	m to g	rade		Ft
Use Sanitary			Direc	tion Up		F	low c	ontro	ol					Media N	No.	CO96065.1
Shape Circula	ar		Hei	ght 6	Width		ins	Pre	clea	n J	J			Year C	leanec	2012/04/27
Material Vitr	ified Clay P	ipe	Jo	int lengtl	'n	Ft	Total	leng	yth	40.	9	Ft	Leng	gth Surv	eyed	40.9
Lining			Ye	ear laid	,	Year	rehab					Weat	her	Dry	•	
Purpose					Cat										Pres	sure
Additional inf	o EAST									Stru	uctu	ral	08	&IVI	C	onstructiona
Location Eas	ement/Righ	t of Way								Mis	cella	aneou	s Hy	draulic		
Project												Woi	k Orde			
Northing 11	63555.857		Easting	49742	6.917			Ele	vati	ion						
Coordinate S	ystem US	STATE F	PLANE1983 (NAD 1983	3)			(3PS	Ac	cur	acy				
Count Video	CD Cod	lo.			In	4	In2	0/_	Int	Er	To	ImRe	f Rer	narks		
0.0	ST		of Survey		- i	•	<u> </u>	1		1	1	i e	l ^o			
0.0	I AN											575	9017 (1-1-4)		
0.0	M\	VL Wate	r Level					10								
0.0	Mo	GO Gene	eral Observat	ion									N.116	3532.57/	E.4973	97,47
12.4	RF	J Roots	s Fine Joint	- qun					J	08	11					
28.3	TF	Tap F	actory		4	.000				02						
28.8	RF	J Roots	s Fine Joint						J	10						

40.9 Ft Total Length Surveyed

RFJ

AMH

FH

Tap Factory
Roots Fine Joint

MGO General Observation

MGO General Observation

End of Survey

MMC Material change

Manhole

29.8

35.4

40.1

40.9

40.9

40.9

40.9

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

4.000

Setup 62 Surveyor TIM	Certificate # U-307-1521	System Owner COLONY COVE
Drainage Survey Custon	mer COLONY COVE	
P/O # Date 2012/	04/27 Time 14:45 Street HERLEE	N AVE
City ELLENTON F	urther location details CO9021.1 229 ENDH	OVEN ST
Start 9016 (1-1-2)	Rim to invert 6.90 Grade to invert	Rim to grade Ft
Finish CO9021	Rim to invert Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up Flow control	Media No CO9021.1
Shape Circular	Height 6 Width ins Preclean	J Year Cleaned 2012/04/27
Material Vitrified Clay Pipe	Joint length Ft Total length 2	38.3 Ft Length Surveyed 238.3
Lining	Year laid Year rehabilitated	Weather Dry
Purpose	Cat	Pressure
Additional info NORTHEAST	S	tructural O&M Constructional
Location Easement/Right of Way	N	liscellaneous Hydraulic
Project		Work Order
Northing 1163523.636 Ea	asting 497714.880 Elevatio	n
Coordinate System US STATE PLANE1	983 (NAD 1983) GPS A	Accuracy

Ocordinate o	youn		71.21 21.121000 (10.12 1000)				<u> </u>		···	acy	
Count Video	CD	Code		In1	ln2	%	Jnt	Fr	То	ImRef	Remarks
0.0		ST	Start of Survey			1					5
0.0		AMH	Manhole								9016
0.0		MWL	Water Level			10					
0.0		MGO	General Observation	ĺ							N.1163388.75/E.497510.81
11.6		IW	Infil Weeper					10			
11.6		DAZ	Deposits Attached Other			5		10			MINERAL DEPOSIT
27.6		TFD	Tap Factory Defective	4.000				02			50% BLOCKED
28.2		IW	Infil Weeper					01			
29.2		TF	Tap Factory	4.000				11			
29.9		IVV	Infil Weeper					12			
29.9		DAZ	Deposits Attached Other			5		09			MINERAL DEPOSIT
44.9		IW	Infil Weeper					11			***
65.2		IW	Infil Weeper					02	10		
75.4		IW	Infil Weeper					12			
86.3		TFD	Tap Factory Defective	4.000				02			50% BLOCKED
86.8		RFJ	Roots Fine Joint				J	01	05		
87.8		TF	Tap Factory	4.000				10			
92.2		FM	Fracture Multiple					07	10		
92.9		ТВ	Tap Break-in	4.000				01			
92.9		FM	Fracture Multiple					12	12	I	FROM BREAK-IN TAP
113.5	1	CL	Crack Longitudinal			T		02			
123.4		RFJ	Roots Fine Joint				J	04			
124.6		TF	Tap Factory	4.000				12			
125.0		RMJ	Roots Medium Joint			10	J	02	05		
126.0		TFD	Tap Factory Defective	4.000				12			95% BLOCKED W/ ROOTS
146.5		RFJ	Roots Fine Joint				J	05	07		
146.5		IW	Infil Weeper					12			
166.3		IW	Infil Weeper					01	10		
171.2		IW	Infil Weeper					10			
177.3		TF	Tap Factory	4.000				12			2
178.9		TFC	Tap Factory Capped	4.000				12			

for COLONY COVE INITIAL CCTV SANITARY 201

	Surveyor		rtificate# l		•	၁၂	stem C			
Drainage	Si	urvey Customer COLON	NY COVE							
P/O #		Date 2012/04/27 Tim	ne 14:45	Street H	HERL	EEN A	VE			
City ELL	ENTON	Further location	on details Co	09021.1 22	9 EN	DHOV	EN ST			
Start 9016 ((1-1-2)	Rim to invert	6.90	rade to in	vert		Rin	n to gr	ade	Ft
Finish CO90	21	Rim to invert	G	rade to in	vert		Rir	n to gr	ade	Ft
Use Sanitary	•	Direction Up)	Flow cont	trol				Media No	CO9021.1
Shape Circula	ar	Height 6	Width	ins Pr	recle	an J			Year Clea	aned 2012/04/27
Material Vitri		Joint leng	th Ft	Total le	nath	238.3	3 Ft			ved 238.3
Lining		Year laid		r rehabilit	_		Weat	_	Dry	,
Purpose			Cat						-	Pressure
Additional inf	n NORTHEA	ST			Т	Struc	tural	08		Constructional
Location Eas	•	-					ellaneou		draulic	Constructional
Project	ement tight of	**ay			Ł			k Orde		
-							AAOL	k Orde	r	
		Eastine 4077	14 000	-		4:				
_	63523.636	Easting 4977		E	Eleva					
Coordinate Sy	ystem US ST	Easting 4977 FATE PLANE1983 (NAD 198	33)		GP:	S Acc		f Dom	arke	***
Coordinate Sy Count Video	vstem US ST	TATE PLANE1983 (NAD 198			GP:	S Acc tFr T	uracy o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1	CD Code	FATE PLANE1983 (NAD 198	33)		GP:	S Acc		f Rem	narks	
Coordinate Sy Count Video 184.1 186.7	vstem US ST CD Code IW CL	Infil Weeper Crack Longitudinal	33) In1	in2 %	GP:	S Acc tFr T		f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7	vstem US ST CD Code IW CL TB	Infil Weeper Crack Longitudinal Tap Break-in	33)	in2 %	GP:	S Acc tFr T 12 01 12	o ImRe	f Ren	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0	CD Code W CL TB CS	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral	in1	in2 %	GP:	S Acc tFr T 12 01 12 08 1	o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0	CD Code W CL TB CS	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper	in1	in2 %	GP:	S Acc tFr T 12 01 12	o ImRe	f Ren	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0 208.8	CD Code W CL TB CS	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper Roots Fine Joint	in1	in2 %	GPS	S Acc tFr T 12 01 12 08 1 12	o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0 208.8 209.0	CD Code IW CL TB CS IW RFJ	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper	in1	in2 %	GPS	S Acc tFr T 12 01 12 08 1 12 09	o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0	VSTEM US STORM CD COde IW CL TB CS IW RFJ IW	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper Roots Fine Joint Infil Weeper	in1	in2 %	GPS	S Acc tFr T 12 01 12 08 1 12 09 12	o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0 208.8 209.0 213.9 223.8	CD Code IW CL TB CS IW RFJ IW	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper Roots Fine Joint Infil Weeper Infil Weeper	in1	In2 %	GP:	S Acc tFr T 12 01 12 08 1 12 09 12 12	o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0 208.8 209.0 213.9 223.8 234.9	CD Code IW CL TB CS IW RFJ IW RFJ IW RFJ RF	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper Roots Fine Joint Infil Weeper Infil Weeper Roots Fine Joint	33) In1 4.000	in2 %	GP:	S Acc tFr T 12 01 12 08 1 12 09 12 12 12	o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0 208.8 209.0 213.9	CD Code W CL TB CS W RFJ W RFJ TFC	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper Roots Fine Joint Infil Weeper Infil Weeper Roots Fine Joint Tap Factory Capped	4.000 4.000	In2 %	GP:	S Acc tFr T 12 01 12 08 1 12 09 12 12 12 12 12 12 12 12 12 12 12 12 12	o ImRe	f Rem	narks	
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0 208.8 209.0 213.9 223.8 234.9 236.5	CD Code W CL TB CS W RFJ W RFJ W RFJ TFC TF	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper Roots Fine Joint Infil Weeper Infil Weeper Roots Fine Joint Tap Factory Capped Tap Factory	4.000 4.000 4.000	In2 %	GP:	S Acc tFr T 12 01 12 08 1 12 09 12 12 12 12 12 12 12 1	o ImRe			.497714.880
Coordinate Sy Count Video 184.1 186.7 187.7 188.0 194.0 208.8 209.0 213.9 223.8 234.9 236.5 237.9	CD Code IW CL TB CS IW RFJ IW IW RFJ TFC TF	Infil Weeper Crack Longitudinal Tap Break-in Crack Spiral Infil Weeper Roots Fine Joint Infil Weeper Infil Weeper Roots Fine Joint Tap Factory Capped Tap Factory Tap Factory	4.000 4.000 4.000	In2 %	GP:	S Acc tFr T 12 01 12 08 1 12 09 12 12 12 12 12 12 12 1	o ImRe		523.636/E	.497714.880

238.3 Ft Total Length Surveyed

	Scores	Structural:	Pipe Rating 14	Pipe Ratings Index 2.8	Peak 4	Mean Pipe 0.1
Notes	-	O&M:	Pipe Rating 44	Pipe Ratings Index 1.7	Peak 4	Mean Pipe 0.2

LINE WAS ROOT CUT

JTV INC. Phone: (727)528-1998 Page 2 of 2

Υ

for COLONY COVE INITIAL CCTV SANITARY 201

Setup	63	Survey	or/	TIM		Cert	tificate	# U	-307-1	521		Syst	tem O	wner	COLO	NY CO	VE
Drainag	ge		;	Survey	Customer	COLON	Y COVE										
P/O #				Date	2012/04/30	Time	e 9:26		Street	: AM	ELO A	VE					
City	ELL	ENTON			Furthe	r locatio	n detai	ls CC	96079.	1 211	AMEL	.O A\	/E.				
Start	22875	(1-1)		•	Rim t	o invert	7.30	G	rade to) inve	ert		Rin	ı to gr	ade		Ft
Finish	CO96	079			Rim t	o invert		G	rade to	inve	ert		Rin	n to gr	ade		Ft
Use Sa	anitary				Direc	ion Up		ı	Flow c	ontro	i			1	Media N	lo	CO96079.1
Shape	Circula	аг			Hei	ght 6	Width		ins	Pred	lean	J			Year Cl	eanec	2012/04/30
Materia	_I Vitri	fied Clay	Pipe	В	Jo	int lengt	h	Ft	Tota	i leng	th 92	2.8	Ft	Leng	th Surv	eyed	92.8
Lining					Υe	ar laid		Year	rehab	ilitate	ed		Weati	ner	Dry		
Purpos	е						Cat									Pres	sure
Additio	nal inf	o NOR	THV	VEST							St	ructu	ral	O&	M	С	onstructional
Locatio	n Eas	ement/R	ight d	of Way							Mi	scella	aneous	Hy	draulic		
Project													Worl	(Orde	r		
Northin	g 11	63470.21	15		Easting	49731	8.600			Ele	vatior	1					
Coordin	nate Sy	/stem	บร ร	STATE F	PLANE1983 (NAD 1983	3)			C	SPS A	ccur	асу				
Count Vi	ideo	CD C	ode				l	n1	ln2	%	JntFr	То	ImRef	Ren	arks		

Count Video	CD Co	ode		ln1	ln2	%	Jn	tFr	То	ImRe	f Remarks
0.0	8	ST	Start of Survey				Π				
0.0	A	AMH	Manhole					Ī			22875 (1-1)
0.0	1	VIVVL	Water Level			10					
0.0	P	MGO	General Observation	Ì							N.1163387.77/E.497377.53
20	7	ΤĒ	Tan Factory	6.000				12			
7.5	1	VMC	Material change								FROM PVC TO VCP
16.9		VV	ımıı vveeper					12			
31.8	P	W	Infil Weeper					10			
31.8	F	RFJ	Roots Fine Joint				J	09			
38.2	7	ΓF	Tap Factory	4.000				10			
38.3	F	RFJ	Roots Fine Joint				J	09			
39.7	Т	ΓF	Tap Factory	4.000				02			
83.9	1	ГВІ	Tap Break-in Intruding	4,000	1.000			10			•
86.5	E	3	Broken					09			
87.5	E	3SV	Broken Soil Visible					12			
88.0	F	M	Fracture Multiple					12	12		
88.9	F	С	Fracture Circumferential	i i				12	12	ĺ	
90.9	Т Т	TF	Tap Factory	4.000				10		Î	
92.5	Т	F	Tap Factory	4.000				02			
92.8	١	/IGO	General Observation						Ī		N.1163470.215/E.497318.600
92.8	A	ΝН	Manhole								CO96079
92.8	F	Н	End of Survey								

92.8 Ft Total Length Surveyed

Scores Structural: Pipe Rating 14 Pipe Ratings Index 3.5 Peak 5 Mean Pipe 0.2

Notes Pipe Rating 9 Pipe Ratings Index 1.8 Peak 3 Mean Pipe 0.1

JTV INC. Phone: (727)528-1998 Page 1 of 1

Tabular Rep	ort of P	SR COS	6079	Υ		fo	r C	OL	ON	/ C(OVE II	AITIA	L CCTV	SANITARY 2
Setup 63	Surveyo	r TIM		Cert	ificate #	U-30	7-152	21		Sy	stem C	wner	COLON	Y COVE
Drainage		Survey	Customer	COLON	Y COVE									
P/O #		Date	2012/04/30	Time	9:26	St	reet	AMI	ELO.	AVE				
City ELI	LENTON		Furthe	r locatio	n details	CO96	079.1	211	AME	LO A	WE.			
Start 22875	5 (1-1)		Rim to	o invert	7.30	Grad	le to i	inve	rt		Riı	n to g	rade	Ft
Finish CO96	079		Rim to	o invert		Grad	le to i	nve	rt		Rii	n to g	rade	Ft
Use Sanitary			Direct	tion Up		Flo	w cor	itrol					Media No	CO96079.
Shape Circui	ar		Hei	ght 6	Width	iı	ns F	rec	lean	J			Year Cle	aned 2012/04/3
Material Vitr	ified Clay F	Pipe		int lengti	n F	t T	otal l	enat	th 9	2.8	Ft	Lend	th Surve	ved 92.8
Lining				ar laid		ear re		_			Weat		Dry	,
Purpose					Cat				_				•	Pressure
Additional in	NORT	HWEST							S	truct	ural	08	ЗМ	Construction
Location Eas	sement/Rig	ht of Way							N	lisce	llaneou	s Hy	draulic	
Project									_		Wor	k Orde	er	
•	63470.215	i	Easting	49731	8.600			Elev	vatio	n				
Coordinate S			_	•				G	PS A	\ccu	ιгасγ			
ount Video	CD Co	de			in1	ir	12	% .	JntF	r To	ImRe	f Rer	narks	
0.0	Is	T Star	t of Survey						1					
0.0	A	MH Man								T		22875	(1-1)	
0.0	M	WL Wate	er Level					10						
2.0	Т	F Tan	Factory		6.0	000			1	2				
7.5	M	MC Mate	erial change									FROM	PVC TO	VCP
16.9	IV	V Infil '	Weeper							2				
31.8	IV	V Infil '	Weeper						1					
31.8	+ + -		ts Fine Joint						J 0					
38.2	TI	Тар	Factory		4.0	000			1					
38.3	1 1 -					200	- 1		J 0	9				
	R	FJ Root	s Fine Joint						337					
39.7	TI		s Fine Joint Factory		- 9	000			0	2				
		Тар		ding	- 9		.000		0	2				
39.7	Т	Тар	Factory Break-in Intru	ding	- 9		.000		0 1 0	2				
39.7 83.9	TI TI B	Tap Tap Brok	Factory Break-in Intru		- 9		.000		0 1 0	2				~

92.8 Ft Total Length Surveyed

FM

FC

TF

TF

MGO

AMH

FH

Fracture Multiple

Tap Factory

Tap Factory

End of Survey

Manhole

Fracture Circumferential

General Observation

88.0

88.9

90.9

92.5

92.8

92.8

92.8

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

4.000

4.000

12 12

12 12

N.1163470.215/E.497318.600

CO96079

10

02

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

JTV INC. Phone: (727)528-1998 Page 1 of 1

Setup 64 Surveyor TIM	Certificate #	U-307-1521 Sys	tem Owner COLONY COVE
Drainage Survey C	ustomer COLONY COVE		
P/O # Date	2012/04/30 Time 10:15	Street AMELO AVE	
City ELLENTON	Further location details	CO96081.1 210 AMELO AV	/E
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade Ft
Finish CO96081	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Up	Flow control	Media No CO9608
Shape Circular	Height 6 Width	ins Preclean J	Year Cleaned 2012/04/
Material Vitrified Clay Pipe	Joint length	Ft Total length 139.7	Ft Length Surveyed 139.7
Lining	Year laid Y	ear rehabilitated	Weather Dry .
Purpose	Cat		Pressure
Additional info NORTHWEST		Structu	ral O&M Constructio
Location Easement/Right of Way		Miscella	aneous Hydraulic
Project			Work Order
Northing 1163420.541	Easting 497168.813	Elevation	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accur	асу

Count Video	CD Co	de		ln1	ln2	%	JntF	r	To In	nRe	f Remarks
0.0	S	Т	Start of Survey					-	-		
0.0	A	МН	Manhole					7			9029 (1-1)
0.0	IV	1WL	Water Level			10					
0.0	IV	1GO	General Observation		1			1			N 1163293 12/E 497239.82
7.0	IV.	N	Infil Weeper					10			
12.3	١٧	N	Infil Weeper				()9			
22.5	C	L	Crack Longitudinal				0	05			
32.2	15	GT	Intruding Sealing Grout			5	C)2	03		
33.0	T	F	Tap Factory	4.000	ĺ	ĺ	1	12			
58.4	IV	٧	Infil Weeper					12			
59.3	С	L	Crack Longitudinal				C)3			
63.2	F	L	Fracture Longitudinal					0			
69.2	С	С	Crack Circumferential					2	12		*
69.2	F	L	Fracture Longitudinal					6			
73.0	F	L	Fracture Longitudinal)2			
77.8	F	L	Fracture Longitudinal					9			
83.6	TI	FD	Tap Factory Defective	4.000			1	2	11.00		100% BLOCKED
84.2	FI	L	Fracture Longitudinal				0)2			
88.9	R	FJ	Roots Fine Joint				JC)2			
88.9	С	L	Crack Longitudinal				C)2			
94.0	FI	L	Fracture Longitudinal				0)4			
97.5	FI	M	Fracture Multiple				1	2	12		
103.8	FI	L	Fracture Longitudinal					9			
108.2	F	M	Fracture Multiple					2			
112.1	FI	M	Fracture Multiple			52,000,000	1	2	12		
113.7	FL		Fracture Longitudinal					8			
118.6	FL		Fracture Longitudinal				1 -	8			
122.6	F	0	Fracture Circumferential					2	12		
129.1	TF	=	Tap Factory	4.000			1	2			
129.8	CI	L	Crack Longitudinal				0				
131.0	FC	0	Fracture Circumferential				1	2	12		

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for COLONY COVE INITIAL CCTV SANITARY 201

Setup	64	Surve	yor 1	IM			Cert	ificate	#_L	J- 307-1	521		Sys	stem O	wner	COLO	NY COVE	
Drainage	е		Sı	ırvey	Custome	r C	DLON'	Y COVE	=									
P/O #				Date	2012/04	/30	Time	e 10:1	5	Street	t AN	/ELC	AVE					
City	ELLE	ENTON	1		Fur	ther io	catio	n detai	ls CC	096081	.1 210	MA C	ELO A	VE				
Start	9029 (1	-1)			Rir	n to in	vert	5.10	G	rade to	o inv	ert		Rin	n to g	rade	Ft	
Finish	C O960 8	81			Rir	n to in	vert		G	rade to	o inv	ert		Rin	n to g	rade	Ft	
Use Sa	nitary				Dir	ection	Up			Flow c	ontro	ol				Media N	lo CO	96081.1
Shape	Circular	·			ı	leight	6	Widti	1	ins	Pre	clea	n J			Year Cl	leaned 201	2/04/30
Material	Vitrifi	ed Cla	y Pipe			Joint	iengti	h	Ft	Tota	l leng	gth	139.7	Ft	Leng	gth Surv	reyed 139.7	7
Lining						Year I	aid		Year	r rehab	ilitat	ed		Weat	her	Dry		
Purpose	<u> </u>							Cat									Pressure	
Addition	al info	NO	RTHWE	ST				_					Structi	ural	08	M.S	Constr	uctiona
Location	ı Ease	ment/F	Right of	Way									Miscel	laneous	s Hy	draulic		
Project														Wor	k Ord	er		
Northing	116	3420.5	541		East	ing ·	49716	8.813			Ele	evati	on					
Coordina	ate Sys	stem	US ST	ATE F	LANE198	3 (NAE	1983	3)			(GPS	Accu	racy				
Count Vic	deo	CD (Code						ln1	in2	%	Jnt	Fr To	imRe	f Rer	narks		
134.7			IW	Infil V	Veeper								12					
139.7			MGO	Gene	ral Obser	vation						Ш	\perp	! !			/E.497168.8	313
139.7			AMH	Manh	ole										CO96	081		
139.7			FH	End of	of Survey													

139.7 Ft Total Length Surveyed

c	_	_	-	
0	C	U	re	5

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

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Page 2 of 2

Setup 65 Surveyor TIM	Certificate # U-307-1521	System Owner COLONY	COVE
Drainage Survey Customer	COLONY COVE		
P/O # Date 2012/04/30	Time 12:22 Street DEN	HELDER AVE	
City ELLENTON Further	location details CO9015.1 327 DE	EN HELDER AVE	
Start 9024 (1-1-19) Rim to	invert 6.50 Grade to inver	t Rim to grade	Ft
Finish CO EOL 9015 Rim to	invert Grade to inver	t Rim to grade	Ft
Use Sanitary Directi	on Up Flow control	Media No	CO9015.1
Shape Circular Heig	ht 6 Width ins Precle	ean J Year Clea	ned 2012/04/30
Material Vitrified Clay Pipe Joi	nt length Ft Total lengtl	h 298.4 Ft Length Survey	red 298.4
Lining Yea	ır laid Year rehabilitated	Weather Dry	
Purpose	Cat	F	ressure
Additional info SOUTHEAST		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1163659.636 Easting	498174.107 Elev a	ation	
Coordinate System US STATE PLANE1983 (N	IAD 1983) GF	PS Accuracy	

Count Video	CD	Code		In1	ln2	%	Jn	tFr	То	imRe	f Remarks
0.0		ST	Start of Survey								
0.0		AMH	Manhole								9024 (1-1-19)
0.0		MWL	Water Level			10					
0.0		MGO	General Observation								N 1163813.59/E 497928.47
7.0		CL	Crack Longitudinal					09			
7.3		RFJ	Roots Fine Joint				J	10			
7.8		CL	Crack Longitudinal					09			
11.4		FC	Fracture Circumferential			T		12	12		
28.1		TF	Tap Factory	4.000				02			
29.7		TFC	Tap Factory Capped	4.000				10			
35.2		ID	Infil Dripper					12			
45.1		IW	Infil Weeper					11			
50.0		IW	Infil Weeper					01			
60.3		CM	Crack Multiple					03	09		
65.3		CL	Crack Longitudinal					03			
70.1		ID	Infil Dripper					11			
70.2		CL	Crack Longitudinal					09			
75.2		IW	Infil Weeper					02			
80.2		IW	Infil Weeper					12			
85.1		IW	Infil Weeper					10			
90.3		FL	Fracture Longitudinal					01			
91.1		TF	Tap Factory	4.000			L 33	02		11/2/5	
91.3		FM	Fracture Multiple					12			
91.9		FS	Fracture Spiral					01	03		
92.8		TFC	Tap Factory Capped	4.000	6			10			
98.2		IW	Infil Weeper					12			
113.3		IW	Infil Weeper					12			
118.3		ID	Infil Dripper					12			
128.1		IW	Infil Weeper					09			
133.1		IW	Infil Weeper					02			
133.3		FM	Fracture Multiple					05	07		

Setup 65		eyor '	TIM Cert	ificate	# U-							wner COLON	Y COVE
Drainage		S	urvey Customer COLON	Y COV	E								
P/O #			•	12:2		Street	DE	N F	HELD	ER A	VE		
	ENTO	N	Further location	=									
Start 9024			Rim to invert	6.50		ade to			****			to grade	Ft
Finish CO E	-	•		0.50								•	
		10	Rim to invert			ade to		_			Kim	to grade	Ft
Use Sanitary			Direction Up			low co						Media N	_
Shape Circula			Height 6	Widt	h	ins							eaned 2012/04/30
Material Vitri	mea C	iay Pipe	Joint lengtl	h	Ft	Total	leng	yth	298	.4	Ft	Length Surv	eyed 298.4
Lining			Year laid		Year	rehabi	litat	ed		V	eath/	er Dry	
Purpose				Cat									Pressure
Additional inf	o sc	DUTHEA	ST						Stru	ctura		O&M	Constructiona
Location Eas	ement	/Right of	· Way						Misc	cellan	eous	Hydraulic	
Project		_	-					L.			Nork	Order	
•	63659	.636	Easting 49817	4.107			Fle	vəf	tion	,			
			FATE PLANE1983 (NAD 1983							curac	•••		
Count Video		Code	1711 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		In1	In2						Remarks	
139.2	I	TF	Tap Factory	3	4.000		1	ı	02	1	1		
140.8	1	TFC	Tap Factory Capped		4.000		+	-	10	-	-		
151.2	1	IW	Infil Weeper		1.000		+	\vdash	09	+	+		
171.3		IW	Infil Weeper				+		12	+	-		
176.2	1	RFJ	Roots Fine Joint				+	J	08	12	\dashv		
181.5	1	FM	Fracture Multiple				+	-	04		+		
186.7	-	FL	Fracture Longitudinal						04	1	_		
188.1		FC	Fracture Circumferential				†		08	03	\rightarrow		
190.2		FC	Fracture Circumferential						07	03			
192.0		TF	Tap Factory		4.000		1		02	\top			
193.6		TF	Tap Factory	- 2020 - 1	4.000				10	T	\neg		
194.0		IW	Infil Weeper				Ī		12	T			
199.0		CL	Crack Longitudinal						07				
200.9		CL	Crack Longitudinal						01				
209.0		FL	Fracture Longitudinal						09				
214.4		FL	Fracture Longitudinal						06				
217.2		FM	Fracture Multiple						05	10			14
218.5		IW	Infil Weeper						12				
218.6		FL	Fracture Longitudinal						01				
223.5		CL	Crack Longitudinal						80	\perp	_		
238.4		FL	Fracture Longitudinal					ļ.,	04	\perp	_		
241.7		FC	Fracture Circumferential						07 (1		
243.2		RFJ	Roots Fine Joint		4.000			J		12	_		
253.9		TF	Tap Factory		4.000	<u> </u>			02	+	+		
255.6		TFC	Tap Factory Capped		4.000				11	+	+		
260.9		IW	Infil Weeper		4.000				12	-	+		
276.8		TFC	Tap Factory Capped		4.000			Н	12	+	+		
			Tup I dotory		1 1 11 1						IV.	CP TO CAS	
298.4		MMC	Material change							-		H109059.000/E	498174 107
200.4		AMI	Manholo							+		O EOL 9015	
298.4		AMH	Manhole End of Suprey			V.	H	-	+	+	-	O LOL 30 13	
298.4		FH	End of Survey										

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

Setup 65 Surveyor TIM	Certificate	# U-307-1521 Sy	stem Owner COLON	IY COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/30 Time 12:2	2 Street DEN HELDE	R AVE	
City ELLENTON	Further location detail	ils CO9015.1 327 DEN HELI	DER AVE	
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade	Ft
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Up	Flow control	Media N	o CO9015.1
Shape Circular	Height 6 Width	n ins Preclean J	Year Cle	eaned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 298.4	Ft Length Surve	eyed 298.4
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose	Cat			Pressure
Additional info SOUTHEAST		Struct	ural O&M	Constructional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project		American de la constitución de l	Work Order	
Northing 1163659.636	Easting 498174.107	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Accu	ıracy	

298.4 Ft Total Length Surveyed

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

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for COLONY COVE INITIAL CCTV SANITARY 201

Setup 66 Surveyor TIM	Certificate #	U-307-1521 S	stem Owner COLONY C	OVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/30 Time 14:09	Street AMELAND	ST	
City ELLENTON	Further location details	CO96064.4 307 AMELAI	ID ST	
Start CO96064A (1-39)	Rim to invert 5.70	Grade to invert	Rim to grade	Ft
Finish 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Down	Flow control	Media No	CO96064.1
Shape Circular	Height 6 Width	ins Preclean J	Year Cleane	ed 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 230.	Ft Length Surveyed	230.0
Lining	Year laid Y	ear rehabilitated	Weather Dry	
Purpose	Cat		Pre	ssure
Additional info EAST		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1163906.486	Easting 498112.229	Elevation		
Coordinate System US STATE PL	.ANE1983 (NAD 1983)	GPS Acc	uracy	
Count Video CD Code	ln	1 In2 % JntFr T	o ImRef Remarks	

Count Video	CD Code		in1	ln2	%	Jni	tFr	То	ImRef	Remarks
0.0	ST	Start of Survey			1					
0.0	AMH	Manhole			1					CO96064
0.0	MWL	Water Level			10					
0.0	MGO	General Observation		ĺ						N.1163906.486/E.498112.229
28.0	TF	Tap Factory	4.000		T		12			
66.0	TF	Tap Factory	4.000	ĺ			09			
83.0	TF	Tap Factory	4.000				12			
114.0	LL	Alignment Left			45					
117.0	TF	Tap Factory	4.000				03			
184.0	RFJ	Roots Fine Joint			Ī	J	03			
188.0	MSC	Shape or Size Change	8.000							
230.0	MGO	General Observation							1	N.1164034.008/E.498338.244
230.0	AMH	Manhole							9	96074 (1-1-25)
230.0	FH	End of Survey	1							

230.0 Ft Total Length Surveyed

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

CLEAN-OUT WAS INSTALL TO ALLOW ACCES TO THIS LINE

JTV INC. Phone: (727)528-1998 Page 1 of 1

Tabular Report of PSR 22875 X for COLONY COVE INITIAL CCTV SANITARY 201

Setup	67	Surveyor	TIM		Certif	ficate #	U-307-15	21	Sys	tem Owr	er COLO	NY COVE
Draina	ge		Survey	Customer	COLONY	COVE						
P/O #			Date	2012/05/01	Time	12:04	Street	AMEL	O AVE			
City	ELI	LENTON		Further	location	details	22875.1 21	9 AMEI	O AVE			
Start	22875	5 (1-1)		Rim to	invert	7.30	Grade to	invert		Rim to	o grade	Ft
Finish	LS 51	7 (1)		Rim to	invert		Grade to	invert		Rim to	o grade	Ft
Use S	anitary			Directi	on Dow	n	Flow co	ntrol			Media I	No 22875.1
Shape	Circul	ar		Heig	ht 8	Width	ins	Precle	an J		Year C	leaned 2012/04/30
Materia	ıl Vitr	rified Clay Pip	oe .	Joi	nt length		Ft Total	length	133.0	Ft L	ength Sur	veyed 133.0
Lining				Yea	r laid	Y	ear rehabil	itated		Weather	r Dry	
Purpos	e					Cat						Pressure
Additio	nal in	o SOUTH							Structu	ıral	O&M	Constructional
Locatio	n Eas	sement/Right	of Way						Miscell	aneous	Hydraulic	
Project										Work C)rder	
Northin	ıg 11	63387.77		Easting	497377	.53		Eleva	tion			
Coordii	nate S	ystem US	STATE F	PLANE1983 (N	AD 1983)	l		GP:	S Accui	racy		

Good and Good and Good							91 O A		ilacy	
Count Video	CD	Code		ln1	In2	%	JntFr	To	lmRef	Remarks
-0.1		MGO	General Observation			1		1	1 1	N 1163387 77/E.497377 53
0.0		ST	Start of Survey							
0.0		AMH	Manhole							22875
0.0		MWL	Water Level			10		Ī		
2.0		FS	Fracture Spiral	1			01	04	4	
11.6		CL	Crack Longitudinal				10			
22.8		TF	Tap Factory	4.000			10			
23.4		ID	Infil Dripper				03	3		
23.4	5. 2100	IW	Infil Weeper				10			
24.8		TF	Tap Factory	4.000		1	02	2		
35.4		CL	Crack Longitudinal				10			
42.9		CL	Crack Longitudinal				01			
45.2	Ī	CL	Crack Longitudinal				12			
51.5		TF	Tap Factory	4.000			10			
51.9		CL	Crack Longitudinal				02			
53.5		TF	Tap Factory	4.000			02			
56.1		CC	Crack Circumferential				09	03	3	
59.0		IW	Infil Weeper				12			
64.1		FL	Fracture Longitudinal				10			
66.1		FL	Fracture Longitudinal				12			
68.9		CL	Crack Longitudinal				10			
89.0		FM	Fracture Multiple				02	10		
99.2		IW	Infil Weeper				09			
109.1		CL	Crack Longitudinal				10			
109.3		CL	Crack Longitudinal				02			
109.4		ISGT	Intruding Sealing Grout			5	11	01		
110.8		TEC	Tan Factory Canned	8.000			09			
112.2		MMC	Material change						1	/CP TO CAS
112.2	S01	SCP	Surface Corrosion Metal Pipe				12	12		
124.3		MGO	General Observation					N.	I N	I.1163270.82/E.497440.57
124.8		TF	Tap Factory	4.000			12			

Tabular Report of PSR 22875

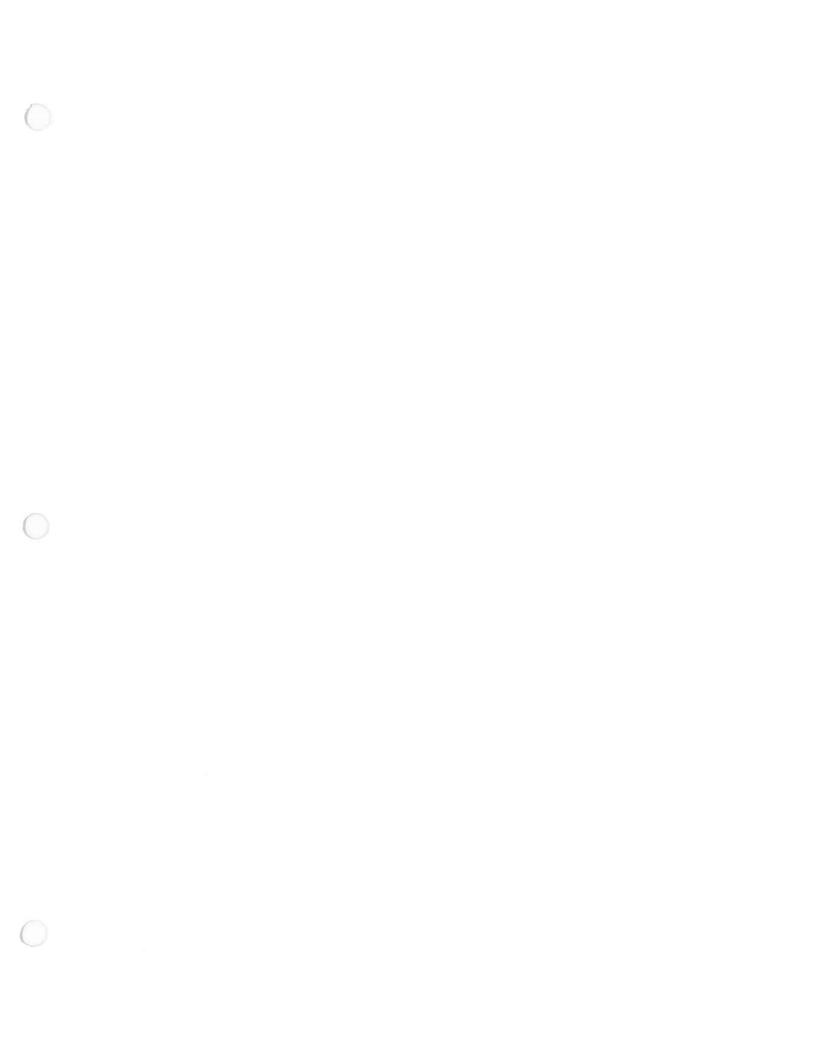
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for COLONY COVE INITIAL CCTV SANITARY 201

Setup 6	57	Surve	yor 7	MIT			Cert	tificate	# L	J-307-1	521		Sys	stem C	wner	COLC	DNY COVI	≣
Drainage	•		Sı	ırvey	Custo	mer (COLON	Y COVE	•									
P/O #				Date	2012	/05/01	Time	e 12:0	4	Street	: AN	MELO	AVE					
City	ELLE	ENTON			F	- urther	locatio	n detai	ls 22	875.1 2	19 A	MELO	AVE					
Start 2	2875	(1-1)				Rim to i	nvert	7.30	G	rade to	inv	ert		Rir	n to g	rade		Ft
Finish L	S 517	(1)			1	Rim to i	nvert		G	rade to	inv	ert		Rir	n to g	rade		Ft
Use San	itary					Directio	n Do	wn		Flow c	ontro	əf				Media	No 2	22875.1
Shape C	ircula	г				Heigh	t 8	Width	1	ins	Pre	clean	J			Year C	Cleaned 2	2012/04/30
Material	Vitrif	ied Clay	Pipe			Join	t lengt	h	Ft	Total	len	gth 1	33.0	Ft	Leng	gth Sur	veyed 13	33.0
Lining						Year	laid		Year	r rehab	ilitat	eđ		Weat	her	Dry		
Purpose								Cat									Pressi	ıre
Additiona	al info	SOU	TH									5	Structi	ıral	08	3M	Cor	structional
Location	Ease	ment/R	ight of	Way								I N	/liscel	laneou	s Hy	draulic		
Project												_		Wor	k Orde	er .		
Northing	116	3387.7	7		E	asting	49737	7.53			Ele	evatio	n					
Coordina	te Sy	stem	US ST	ATE P	LANE	1983 (NA	AD 1983	3)				GPS A	Accu	racy				
Count Vid		CD C	odo						n1	ln2	0/_	JntF	r To	ImRe	f Rer	narks		_
COULT AIG	eo	CDC	oue							****	/0	0111						
133.0	eo	F01	SCP	Surfa	ce Cor	rrosion N	letal Pip						2 12					
1	eo	-		Surfa		rrosion N	letal Pip								LS 51			

133.0 Ft Total Length Surveyed

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



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

Setup 1 - 9 DVS PACP Tabular Inspections Setup 1 - 9 DVS PACP Graphic Inspections

Setup 1 - 9 Reports Setup 1 - 9 Still shots

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

Setup 10 - 17 DVS PACP Tabular Inspections

Setup 10 - 17 DVS PACP Graphic Inspections

Setup 10 - 17 Reports

Setup 10 - 17 Still shots

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

Setup 18 - 22 DVS PACP Tabular Inspections

Setup 18 - 22 DVS PACP Graphic Inspections

Setup 18 - 22 Reports

Setup 18 - 22 Still shots

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

Setup 23 - 36 DVS PACP Tabular Inspections

Setup 23 - 36 DVS PACP Graphic Inspections

Setup 23 - 36 Reports

Setup 23 - 36 Still shots

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

Setup 37 - 50 DVS PACP Tabular Inspections

Setup 37 - 50 DVS PACP Graphic Inspections

Setup 37 - 50 Reports

Setup 37 - 50 Still shots

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

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

Setup 51 - 58 Still shots

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

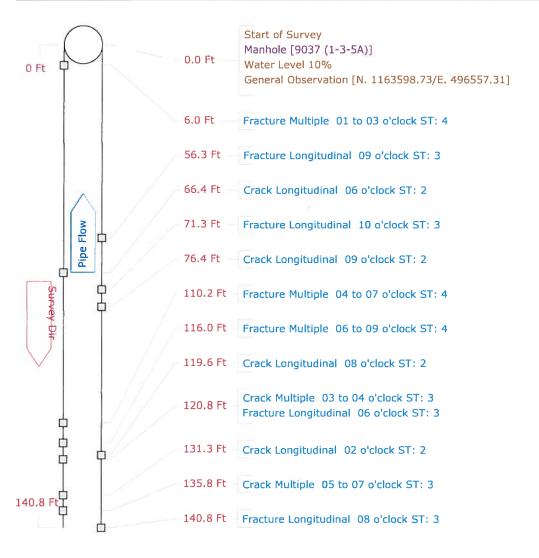
Setup 59 - 66 DVS PACP Tabular Inspections Setup 59 - 66 DVS PACP Graphic Inspections Setup 59 - 66 Reports Setup 59 - 66 Still shots

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

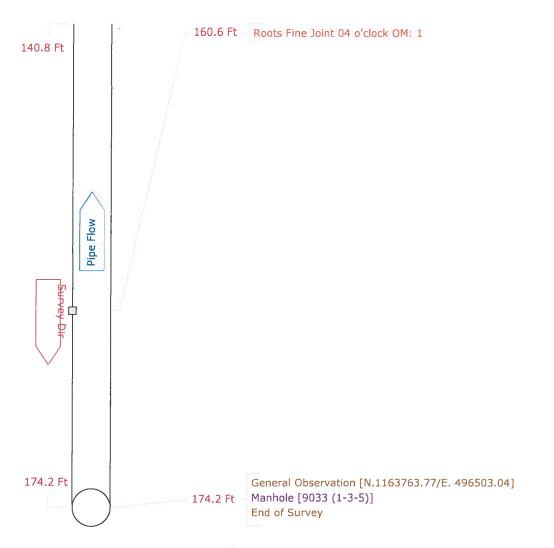
Setup 67 DVS PACP Tabular Inspections Setup 67 DVS PACP Graphic Inspections Setup 67 Reports Setup 67 Still shots

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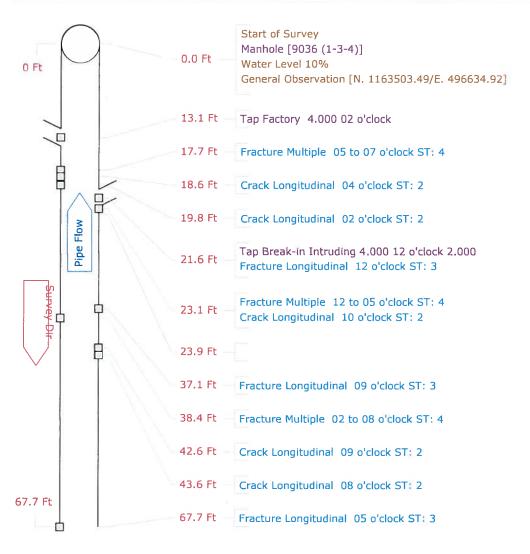
Setup 1 Surveyor TIM	Certificate	# U-307-1521 Sys	stem Owner COLONY COVE	
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/03/28 Time 14:56	Street HOLLAND ST	•	
City ELLENTON	Further location detail	ls 9033.1 106 HOLLAND ST.		
Start 9037 (1-3-5A)	Rim to invert 7.00	Grade to invert	Rim to grade F	
Finish 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade F	t
Use Sanitary	Direction Upstream	Flow control	Media No 903	33.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 20°	12/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length 174.2	Ft Length Surveyed 174.	20
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST		Structu	ıral O&M Const	ructiona
Location Easement/Right of Way		Miscel	laneous Hydraulic	
Project			Work Order	
Northing 1163763.77	Easting 496503.04	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accu	racy	



	-			0000 (1.0				-					
Setup	1	Surveyor	TIM		Certi	ificate#	U-307-1	521	Sys	stem O	wner	COLONY	COVE
Drainag	ge		Survey	Customer	COLONY	COVE							
P/O #			Date	2012/03/28	Time	14:56	Stree	t HOLL	AND ST	Γ			
City	ELI	ENTON		Further	location	n details	s 9033.1 10	06 HOLL	AND ST				
Start	9037	(1-3-5A)		Rim to	invert	7.00	Grade t	o invert		Rin	to gr	ade	Ft
Finish	9033	(1-3-5)		Rim to	invert	5.90	Grade t	o invert		Rin	ı to gr	ade	Ft
Use S	anitary			Directi	on Ups	tream	Flow o	ontroi			1	Media No	9033.1
Shape	Circul	ar		Heig	ht 8	Width	ins	Precle	an J			Year Clea	ned 2012/03/28
Materia	l Vitr	ified Clay Pip	oe	Joii	nt length	1	Ft Tota	al length	174.2	Ft	Leng	th Survey	ed 174.20
Lining				Yea	r laid	•	Year rehal	oilitated		Weath	ner [Ory	
Purpos	e						Cat						
Additio	nal inf	NORTH	WEST						Struct	ural	0&	M	Constructional
Locatio	n Eas	sement/Right	of Way						Miscel	llaneous	Hyd	draulic	
Project	t									Worl	(Orde	r	
Northin	ng 11	63763.77		Easting	496503	3.04		Eleva	tion				
Coordi	nate S	ystem US	STATE F	PLANE1983 (N	AD 1983)		GP	S Accu	racy			

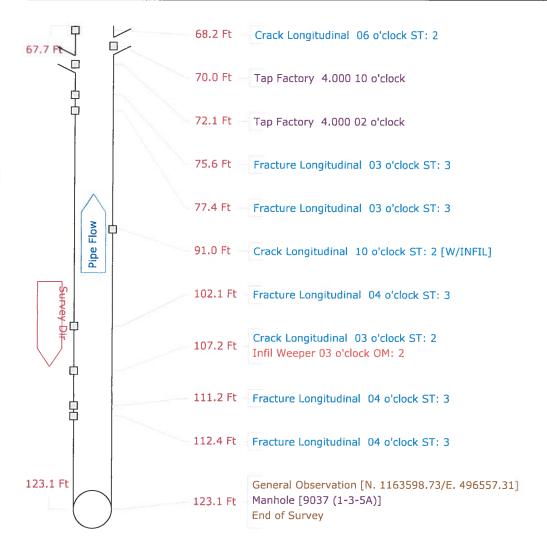


Setup	2	Surveyor	TIM		Cer	tificate :	# U	-307-15	21	Sys	stem O	wner	COLONY	COVE
Drainag	ge		Survey	Customer	COLON	Y COVE								
P/O #			Date	2012/03/28	Tim	e 10:30)	Street	HOLL	AND S	Γ			
City	ELL	ENTON		Further	locatio	n detail	s 903	37.1 10	9 HOLLA	ND ST	•			
Start	9036 (1-3-4)		Rim to	invert	7.40	G	rade to	invert		Rin	n to g	rade	Ft
Finish	9037 (1-3-5A)		Rim to	invert	7.00	G	rade to	invert		Rin	n to g	rade	Ft
Use S	Sanitary			Directi	on Up	stream	F	low c	ontrol				Media No	9037.1
Shape	Circula	ar		Heig	ht 8	Width		ins	Precle	an J			Year Clear	ned 2012/03/28
Materia	al Vitri	fied Clay Pip	е	Joi	nt lengt	h	Ft	Total	length	123.1	Ft	Len	gth Surveye	ed 123.10
Lining				Yea	r laid		Year	rehab	ilitated		Weat	her	Dry	
Purpos	se						Cat	t						
Additio	nal inf	NORTH	WEST							Struct	ural	O	&M	Constructional
Locatio	on Eas	ement/Right	of Way							Misce	llaneous	s Hy	/draulic	
Project	t								·		Wor	k Ord	er	
Northin	ng 11	63598.73		Easting	4965	57.31			Eleva	tion				
Coordi	nate Sy	stem US	STATE F	PLANE1983 (N	AD 198	3)1			GP:	S Accu	гасу			

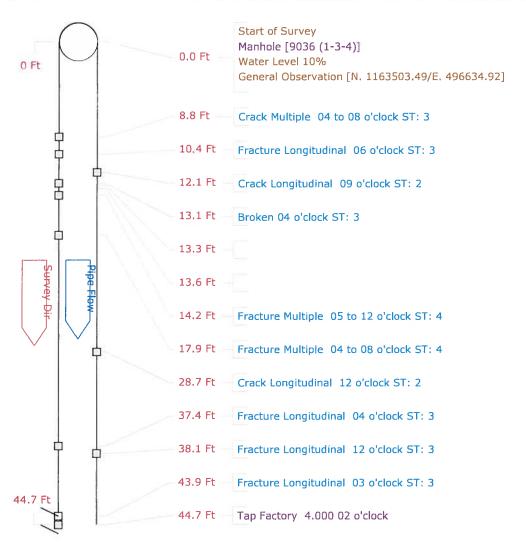


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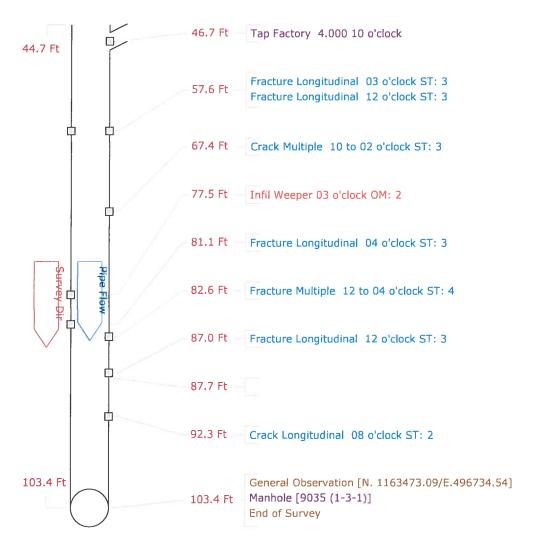
Setup	2	Surveyor	TIM		Certi	ificate #	¥ U-:	307-15	21	Sys	stem O	wner	COLONY	COVE
Drainag	ge		Survey	Customer	COLONY	COVE				•				
P/O #			Date	2012/03/28	Time	10:30) ;	Street	HOLL	AND ST	Γ			
City	ELLI	ENTON		Furthe	r locatio	n detail	s 903	7.1 109	HOLLA	AND ST				
Start	9036 (*	1-3-4)		Rim to	invert	7.40	Gr	ade to	invert		Rin	n to g	rade	Ft
Finish	9037 (1	1-3-5A)		Rim to	invert	7.00	Gr	ade to	invert		Rin	n to g	rade	Ft
Use S	anitary			Direct	i on Ups	tream	F	low co	ontrol				Media No	9037.1
Shape	Circula	r		Heig	jht 8	Width		ins	Precle	an J			Year Clean	ed 2012/03/28
Materia	1 Vitrif	ied Clay Pip	е	Joi	nt length	1	Ft	Total	length	123.1	Ft	Leng	gth Surveye	d 123.10
Lining				Ye	ar laid		Year ı	rehabi	ilitated		Weat	her	Dry	
Purpos	e						Cat							
Additio	nal info	NORTH	WEST							Structi	ural	08	3M	Constructional
Locatio	n Ease	ement/Right	of Way							Miscel	laneous	з Ну	draulic	
Project	:								•		Wor	k Orde	er	
Northin	ng 116	3598.73		Easting	49655	7.31			Eleva	tion				
Coordin	nate Sy	stem US	STATE	PLANE1983 (I	NAD 1983)1			GP:	S Accu	racy			



Setup	3	Surveyor	TIM		Cert	ificate #	U-307-1	521	Sys	stem O	wner	COLONY	COVE
Drainag	ge		Survey	Customer	COLON	Y COVE							
P/O #			Date	2012/03/28	Time	e 2:06	Stree	HOLL	AND ST	Γ			-
City	ELL	ENTON		Further	locatio	n details	s 9036.1 11	5 HOLLA	AND ST				
Start	9036 (1-3-4)		Rim to	invert	7.40	Grade to	invert		Rin	to gra	ade	Ft
Finish	9035 (1-3-1)		Rim to	invert	6.70	Grade to	invert		Rin	ı to gra	ade	Ft
Use S	anitary			Directi	on Do	wnstream	Flow c	ontrol			1	/ledia No	9036.1
Shape	Circula	ar		Heig	ht 8	Width	ins	Precle	an j		•	Year Clea	ned 2012/03/28
Materia	l Vitri	fied Clay Pip	e	Joi	nt lengt	h	Ft Tota	l length	103.4	Ft	Leng	th Survey	ed 103.40
Lining				Yea	ır laid	,	Year rehab	ilitated		Weatl	ner [Ory	
Purpos	e						Cat						
Additio	nal inf	o SOUTH	EAST						Structi	ural	0&	M	Constructional
Locatio	n Eas	ement/Right	of Way						Miscel	laneous	Hyd	Iraulic	
Project	:							,		Worl	k Orde	r	
Northin	ng 116	63503.49		Easting	49663	4.92		Eleva	tion				
Coordir	nate Sv	stem US	STATE F	PLANE1983 (N	IAD 1983	3)		GP	S Accu	racy			

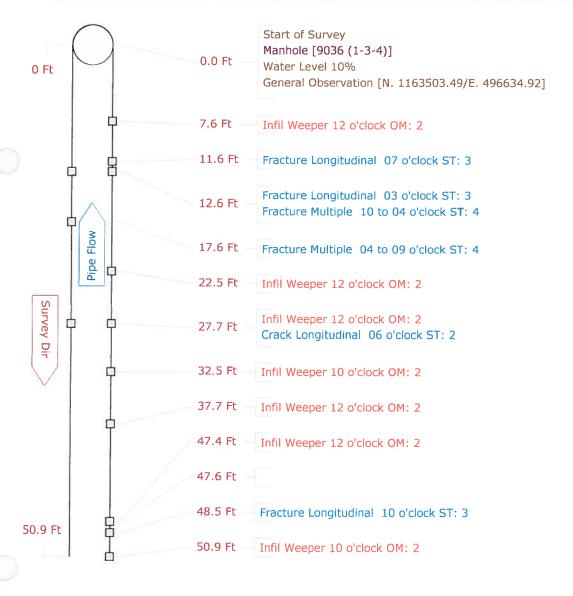


Setup 3 Surve	eyor TIM	Certificate #	# U-307-1521	System Owner COLONY	COVE
Drainage	Survey Customer	COLONY COVE			
P/O #	Date 2012/03/2	8 Time 2:06	Street HOLL	AND ST	
City ELLENTO	N Furti	ner location detail	s 9036.1 115 HOLLA	ND ST.	
Start 9036 (1-3-4)	Rim	to invert 7.40	Grade to invert	Rim to grade	Ft
Finish 9035 (1-3-1)	Rim	to invert 6.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Dire	ction Downstream	Flow control	Media No	9036.1
Shape Circular	H	eight 8 Width	ins Preclea	in J Year Clea	aned 2012/03/28
Material Vitrified Cla	ay Pipe .	oint length	Ft Total length	103.4 Ft Length Survey	yed 103.40
Lining	١	'ear laid	Year rehabilitated	Weather Dry	
Purpose			Cat		
Additional info SO	UTHEAST			Structural O&M	Constructional
Location Easement/	Right of Way			Miscellaneous Hydraulic	
Project				Work Order	-
Northing 1163503.	49 Easti	ng 496634.92	Elevat	ion	
Coordinate System	US STATE PLANE1983	(NAD 1983)	GPS	S Accuracy	



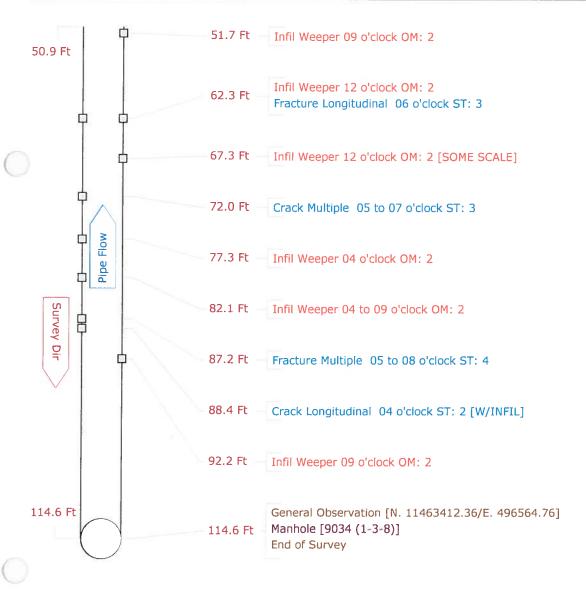
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Setup	4	Surveyor	TIM	`	Cert	tificate	# U	-307-15	521	Svs	stem O	wner	COLONY	COVE
Drainag	ge			Customer	COLON	Y COVE				-,				
P/O #			Date	2012/03/28	Time	e 3:04		Street	HOLL	AND ST	Γ			
City	ELI	ENTON		Further	locatio	n detai	ls 90:	34.1 20	5 HOLLA	AND ST				
Start	9036	(1-3-4)		Rim to	invert	7.40	G	rade to	invert		Rin	n to g	rade	Ft
Finish	9034	(1-3-8)		Rim to	invert	6.30	G	rade to	invert		Rin	n to g	rade	Ft
Use Sa	anitary			Directi	on Up:	stream	Ī	Flow c	ontrol				Media No	9034.1
Shape	Circul	ar		Heig	ht 8	Width	1	ins	Precle	an J			Year Clear	red 2012/03/28
Materia) Vitr	ified Clay Pip	ре	Joi	nt lengt	h	Ft	Tota	length	114.6	Ft	Leng	gth Surveye	ed 114.60
Lining				Yea	r laid		Year	rehab	ilitated		Weat	her	Dry	
Purpos	е						Car	t						
Additio	nal inf	o SOUTH	WEST							Structi	ural	08	3M	Constructional
Locatio	n Eas	ement/Right	of Way							Miscel	laneous	ь Ну	draulic	
Project											Wor	k Orde	er	
Northin	g 11	63412.36		Easting	49656	4.76			Eleva	tion				
Coordin	nate S	ystem US	STATE F	PLANE1983 (N	AD 1983	3)			GP	S Accu	гасу			

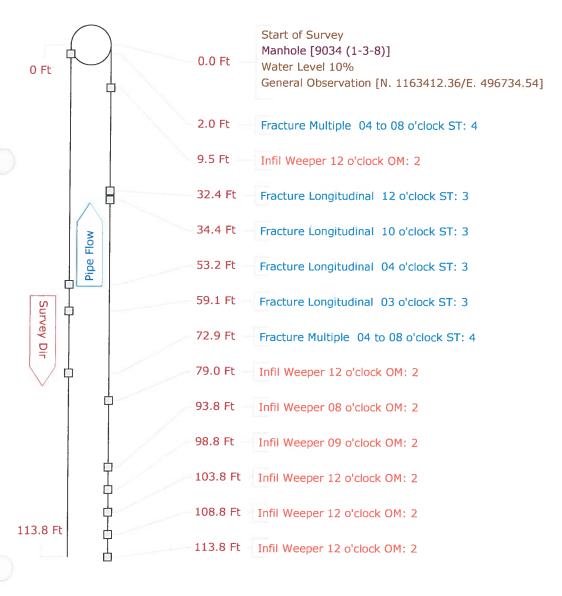


Pipe Graphic Report of PSR	9034 (1-3-8)	Υ	for	COLONY COVE INITIAL CCTV SANITAR
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Setup 4 Surveyor TIM	Certificate a	# U-307-1521 Sys	tem Owner COLONY COVE
Drainage Survey Cu	stomer COLONY COVE		
P/O # Date 2	012/03/28 Time 3:04	Street HOLLAND ST	
City ELLENTON	Further location detail	s 9034.1 205 HOLLAND ST.	
Start 9036 (1-3-4)	Rim to invert 7.40	Grade to invert	Rim to grade Ft
Finish 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9034.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length 114.6	Ft Length Surveyed 114.60
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info SOUTHWEST		Structu	iral O&M Constructional
Location Easement/Right of Way		Miscel	aneous Hydraulic
Project			Work Order
Northing 1163412.36	Easting 496564.76	Elevation	
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS Accu	racy

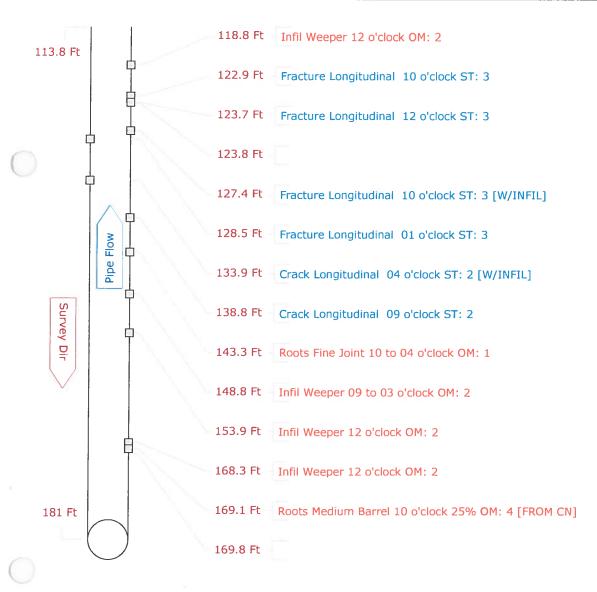


Setup 5 S	urveyor TiM		Certificate	# U-307-1521	System Owne	COLONY C	OVE
Drainage	Survey	Customer (COLONY COV	E			
P/O #	Date	2012/03/28	Time 14:3	Street EMD	EN WAY		
City ELLEN	ITON	Further	location deta	ils 9042.1 210 EMDE	N WAY		
Start 9034 (1-3	3-8)	Rim to	invert 6.30	Grade to invert	Rim to	grade	Ft
Finish 9042 (1-3	3-9)	Rim to	invert 4.60	Grade to invert	Rim to	grade	Ft
Use Sanitary		Directio	n Upstream	Flow control		Media No	9042.1
Shape Circular		Heigt	nt 8 Widt	h ins Precle	an J	Year Cleane	ed 2012/03/28
Material Vitrified	d Clay Pipe	Join	t length	Ft Total length	181.0 Ft Ler	ngth Surveyed	170.00
Lining		Year	r laid	Year rehabilitated	Weather	Dry	
Purpose				Cat			
Additional info	SOUTH				Structural C	D&M	Constructional
Location Easem	ent/Right of Way				Miscellaneous F	iydraulic	
Project					Work Or	der	
Northing 11632	254.72	Easting	496654.91	Eleva	tion		
Coordinate System US STATE PLANE 1983 (NAD 1983)				GP	S Accuracy		

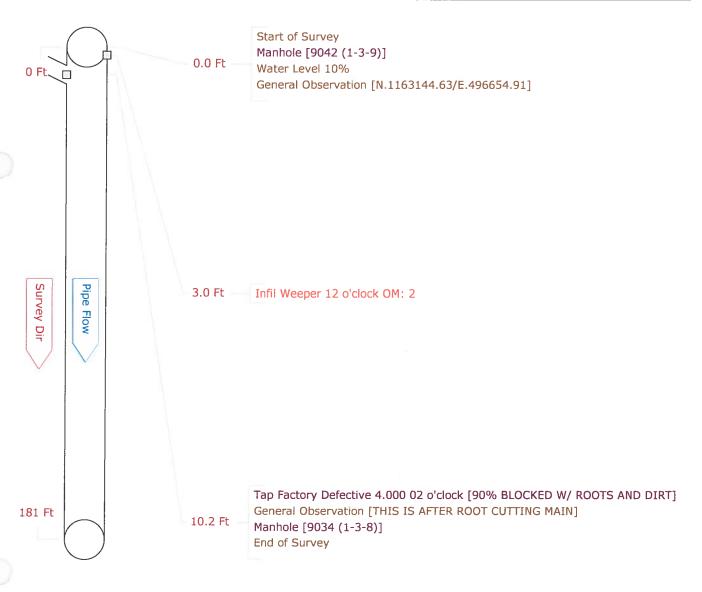


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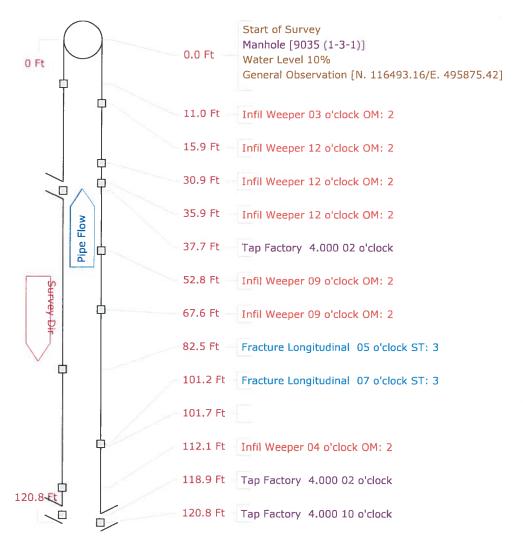
Setup 5 Surveyor TIM	Certificate	# U-307-1521 Sys	tem Owner COLONY CO	√ E
Drainage Survey Co	ustomer COLONY COVE	2		
P/O # Date 2	2012/03/28 Time 14:38	Street EMDEN WAY		
City ELLENTON	Further location detail	s 9042.1 210 EMDEN WAY		
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft
Finish 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9042.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned	2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length 181.0	Ft Length Surveyed	170.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Structu	ıral O&M C	onstructional
Location Easement/Right of Way		Miscel	aneous Hydraulic	
Project			Work Order	
Northing 1163254.72	Easting 496654.91	Elevation		
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Accu	racy	



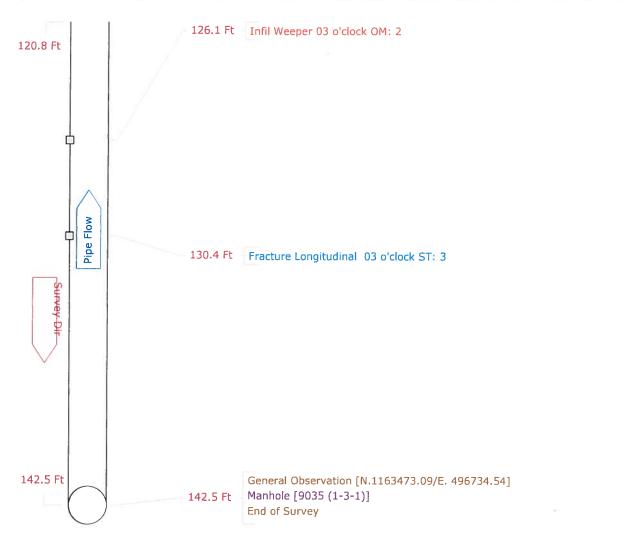
Setup 6 Surveyor TIM	Certificate #	t U-307-1521	System Owner COLONY (COVE
Drainage Survey Cus	tomer COLONY COVE			
P/O # Date 20	12/03/28 Time 15:15	Street EMDEN	WAY	
City ELLENTON	Further location detail	s 9042.1 210 EMDEN V	NAY	
Start 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade	Ft
Finish 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	9042.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clear	red 2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length 1	81.0 Ft Length Surveye	ed 10.20
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info Reverse set up on she	eet:5	S	tructural O&M	Constructional
Location Easement/Right of Way		M	liscellaneous Hydraulic	
Project			Work Order	
Northing 1163144.63	Easting 496654.91	Elevatio	n	
Coordinate System US STATE PLAN	NE1983 (NAD 1983)	GPS A	Accuracy	



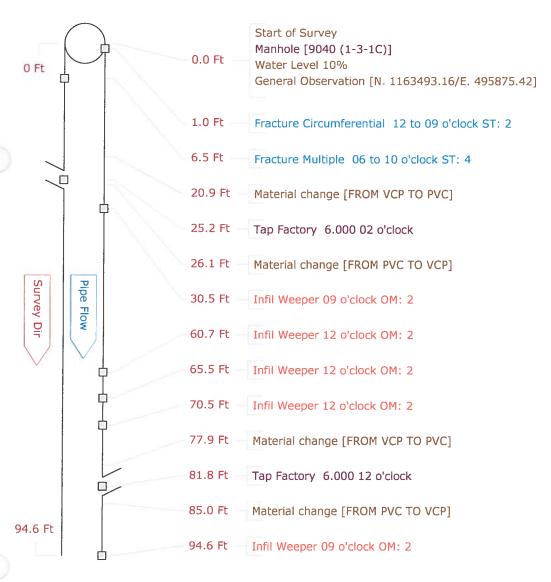
Setup 7 Surveyor TIM	Certificate a	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/03/29 Time 9:36	Street HOLLAN	DST	
City ELLENTON	Further location detail	s 9035.1 117 HOLLAND	ST.	
Start 9040 (1-3-1C)	Rim to invert 7.60	Grade to invert	Rim to grade	Ft
Finish 9035 (1-3-1)	Rim to invert 6.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9035.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clear	ned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 14	12.5 Ft Length Survey	ed 142.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info EAST		St	ructural O&M	Constructiona
Location Easement/Right of Way		Mi	scellaneous Hydraulic	
Project			Work Order	
Northing 1163473.09	Easting 496734.54	Elevation	า	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	ccuracy	



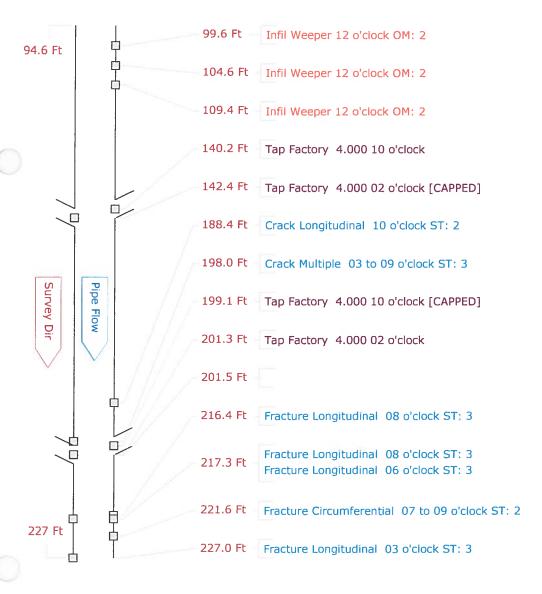
ripe Grapilic Report of Pa	SK 9033 (1-3-1) A	IOF COLOR	IT COVE INITIAL CCTV SANITA
Setup 7 Surveyor TIM	Certificate	# U-307-1521 Sys	tem Owner COLONY COVE
Drainage Surv	vey Customer COLONY COVE		
P/O # Da	ate 2012/03/29 Time 9:36	Street HOLLAND ST	
City ELLENTON	Further location detai	Is 9035.1 117 HOLLAND ST.	
Start 9040 (1-3-1C)	Rim to invert 7.60	Grade to invert	Rim to grade Ft
Finish 9035 (1-3-1)	Rim to invert 6.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9035.1
Shape Circular	Height 8 Width	n ins Preclean J	Year Cleaned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 142.5	Ft Length Surveyed 142.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info EAST		Structu	ral O&M Constructiona
Location Easement/Right of Wa	ay	Miscell	aneous Hydraulic
Project			Work Order
Northing 1163473.09	Easting 496734.54	Elevation	
Coordinate System US STAT	TE PLANE1983 (NAD 1983)	GPS Accui	acy



Setup 8	Surveyor	TIM		Cert	ificate	# U-	-307-15	21	Sy	stem O	wner	COLONY C	OVE
Drainage)	Survey	Customer	COLON.	Y COVE	:							
P/O #		Date	2012/03/29	Time	e 10:15	5	Street	HOLL	AND S	Γ			
City	ELLENTON		Further	locatio	n detail	s 904	10.1 20	2 HOLLA	AND ST	-			
Start 9	9040 (1-3-1C)		Rim to	invert	7.60	G	rade to	invert		Rin	n to gra	ade	Ft
Finish 9	0028 (1-3-B)		Rim to	invert	5.70	Gı	rade to	invert		Rin	n to gra	ade	Ft
Use San	nitary		Directi	on Dov	wnstrear	n F	low co	ontrol			N	/ledia No	9040.1
Shape C	Circular		Heig	ht 8	Width		ins	Precle	an J		•	Year Clean	ed 2012/03/29
Material	Vitrified Clay Pip	е	Joi	nt lengti	h	Ft	Total	length	287.9	Ft	Lengi	th Surveye	d 287.90
Lining			Yea	r laid		Year	rehab	ilitated		Weat	her [Ory	
Purpose						Cat	t						
Additiona	al info SOUTH								Struct	ural	O&I	M	Constructional
Location	Easement/Right	of Way							Misce	laneous	Hyd	Iraulic	
Project								,		Wor	k Orde	r	
Northing	1163493.16		Easting	49687	5.42			Eleva	tion				
Coordina	ite System US	STATE F	PLANE1983 (N	AD 1983	3)			GP	S Accu	racy			

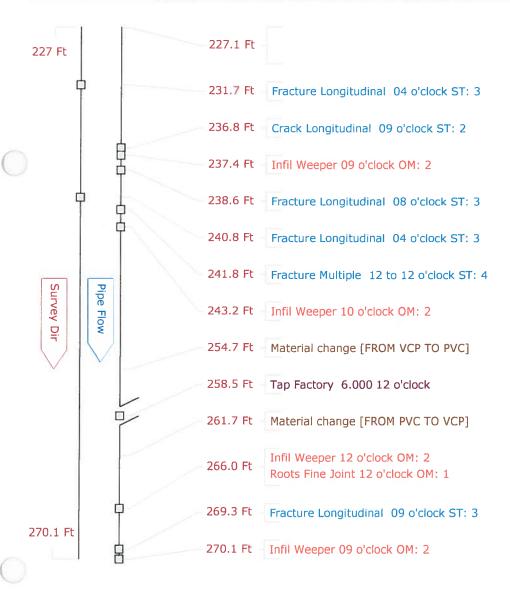


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Setup 8 Surveyor TIM	Certificate a	# U-307-1521	System Owner COLONY (COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/03/29 Time 10:15	Street HOLLAND	ST	
City ELLENTON	Further location detail	s 9040.1 202 HOLLAND	ST.	
Start 9040 (1-3-1C)	Rim to invert 7.60	Grade to invert	Rim to grade	Ft
Finish 9028 (1-3-B)	Rim to invert 5.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	n Flow control	Media No	9040.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clear	ed 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 287	7.9 Ft Length Surveye	ed 287.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Stru	uctural O&M	Constructional
Location Easement/Right of Way		Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1163493.16	Easting 496875.42	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Ac	curacy	

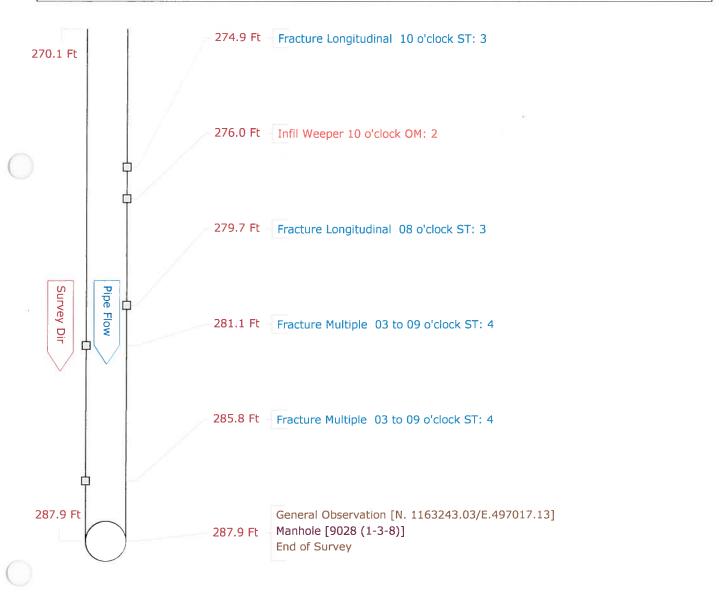


Pipe Graphic Report of PSR 9040 (1-3	1C) X	for COLONY COVE INITIAL CCTV SANITAR
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Setup 8 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Co	ustomer COLONY COVE			
P/O # Date 2	2012/03/29 Time 10:15	Street HOLLAN	ND ST	
City ELLENTON	Further location detail	s 9040.1 202 HOLLAN	D ST.	
Start 9040 (1-3-1C)	Rim to invert 7.60	Grade to invert	Rim to grade	Ft
Finish 9028 (1-3-B)	Rim to invert 5.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	n Flow control	Media No	9040.1
Shape Circular	Height 8 Width	ins Preclean	ı J Year Clea	ned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 2	287.9 Ft Length Survey	ed 287.90
Liņing	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		5	Structural O&M	Constructional
Location Easement/Right of Way		, n	Miscellaneous Hydraulic	
Project		_	Work Order	
Northing 1163493.16	Easting 496875.42	Elevation	on	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS /	Accuracy	

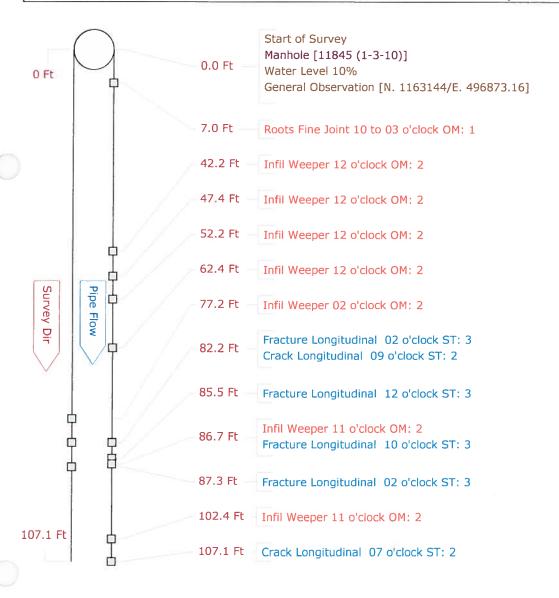


Pipe Graphic Report of PSR	9040 (1-3-1C)	X for	COLONY COVE INITIAL CO	CTV SANITAR
Setup 8 Surveyor TIM	Certifica	te # U-307-1521	System Owner COLONY	COVE
Drainage Survey 0	Customer COLONY CO	VE		
P/O # Date	2012/03/29 Time 10	:15 Street HOLI	LAND ST	
City ELLENTON	Further location de	tails 9040.1 202 HOLL	AND ST.	
Start 9040 (1-3-1C)	Rim to invert 7.6	Grade to invert	t Rim to grade	Ft
Finish 9028 (1-3-B)	Rim to invert 5.7	Grade to invert	t Rim to grade	Ft
Use Sanitary	Direction Downstr	eam Flow control	Media No	9040.1
Shape Circular	Height 8 Wid	lth ins Precle	ean J Year Clear	ned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length	n 287.9 Ft Length Surveyo	ed 287.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1163493.16	Easting 496875.42	Eleva	ation	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GP	S Accuracy	



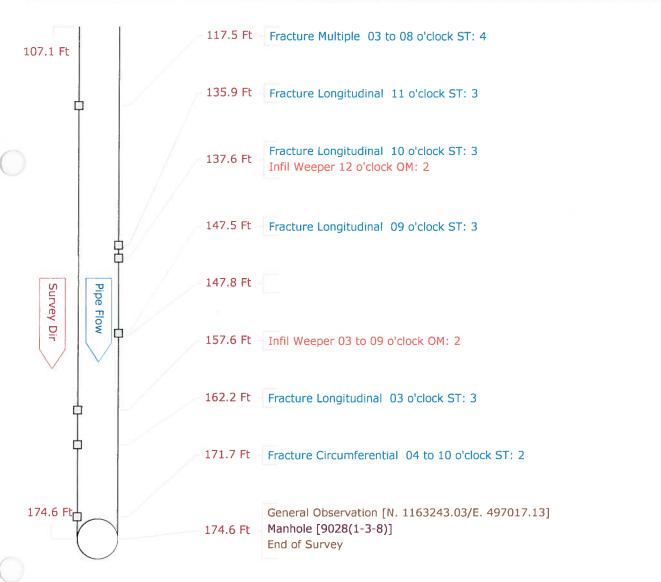
Pipe Graphic Report of PSR 11845 (1-3-10)	(for	COLONY COVE INITIAL CCTV SANITAR
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Setup	9 Surveyo	r TIM		Cert	ificate	# U-30	7-1521	Sys	stem O	wner	COLONY	COVE
Drainag	ge	Survey	Customer	COLON	Y COVE			•				
P/O #		Date	2012/03/29	Tim	e 11:5	4 St	reet DEN	MARK D	R.			
City	ELLENTON		Further	locatio	n detai	is 11845	.1 212 DEN	MARK D	R.			
Start	11845 (1-3-10)		Rim to	invert	6.70	Grad	le to inver	t	Rin	n to gr	ade	Ft
Finish	9028(1-3-B)		Rim to	invert	5.70	Grad	le to inver	t	Rin	n to gr	ade	Ft
Use S	anitary		Directi	on Do	wnstrea	m Flo	w control				Media No	11845.1
Shape	Circular		Heig	ht 8	Width	i i	ns Preci	ean J			Year Clear	ned 2012/03/29
Materia	Vitrified Clay F	Pipe	Join	nt lengt	h	Ft T	otal lengt	h 174.6	Ft	Leng	th Surveye	ed 174.60
Lining			Yea	r laid		Year re	habilitated	i	Weat	her	Dry	
Purpos	e	. <u>.</u>	_			Cat						
Additio	nal info NORT	HEAST						Structi	ural	08	M	Constructional
Locatio	n Easement/Rig	ht of Way						Miscel	laneous	. Hy	draulic	
Project	:								Wor	k Orde	r	
Northin	ıg 1163144.63		Easting	49687	3.16		Elev	ation				
Coordin	nate System U	S STATE I	PLANE1983 (N	AD 1983	3)		GI	PS Accu	racy			

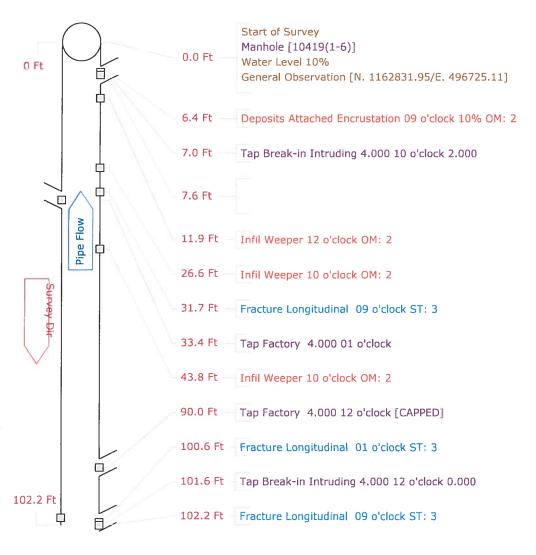


Pipe Graphic Report of PSR	11845 (1-3-10)	Х	for COLONY COVE INITIAL CCTV SANITAR®
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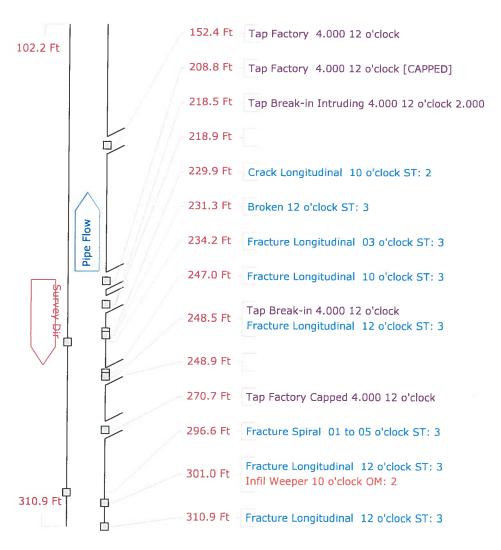
Setup	9 Surveyor	TIM		Cert	ificate #	# U-3	807-15	21	Sys	stem O	wner	COLONY	COVE
Draina	ge	Survey	Customer	COLON	Y COVE								
P/O #		Date	2012/03/29	Time	11:54	S	Street	DENN	IARK D	R.			
City	ELLENTON		Further	locatio	n detail	s 1184	5.1 21	2 DEN	MARK D	R.			
Start	11845 (1-3-10)		Rim to	invert	6.70	Gra	ide to	invert		Rin	n to g	rade	Ft
Finish	9028(1-3-B)		Rim to	invert	5.70	Gra	de to	invert		Rin	n to g	rade	Ft
Use S	anitary		Directio	n Dov	vnstrean	n Fi	ow co	ntroi				Media No	11845.1
Shape	Circular		Heigl	nt 8	Width		ins	Precle	an J			Year Clear	ned 2012/03/29
Materia	I Vitrified Clay Pip	oe	Join	t lengtl	h	Ft	Total	length	174.6	Ft	Leng	gth Surveye	ed 174.60
Lining			Yea	r laid		Year n	ehabi	litated		Weat	her	Dry	
Purpos	e					Cat							
Additio	nal info NORTH	EAST							Structi	ıral	O	M.	Constructional
Locatio	n Easement/Right	of Way							Miscel	laneous	s Hy	/draulic	
Project	:							·		Wor	k Ord	er	
Northin	ig 1163144.63		Easting	49687	3.16			Eleva	tion				
Coordi	nate System US	STATE I	PLANE1983 (N.	AD 1983	3)			GP:	S Accu	racy			



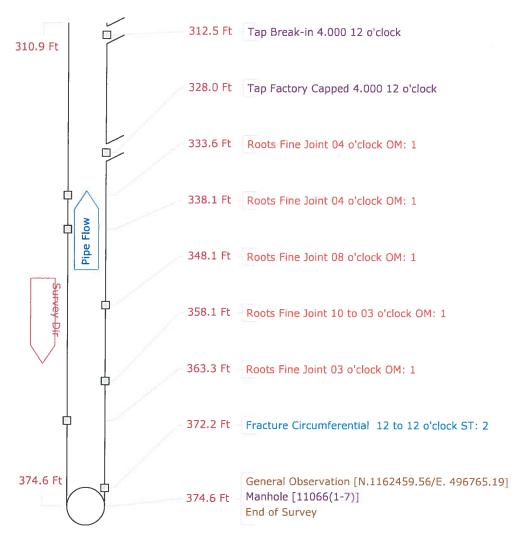
Pipe Graphic Report of PSR	11000(1-7) A	TOP COLUMY COVE INTTIAL CC	V SANTAP
Setup 10 Surveyor TIM	Certificate	# U-307-1521 System Owner COLONY CO	OVE
Drainage Survey C	Customer COLONY COVE		
P/O # Date	2012/03/29 Time 13:10	Street DENMARK DR.	
City ELLENTON	Further location detail	s 11066.1 187 DENMARK DR.	
Start 10419(1-6)	Rim to invert 3.90	Grade to invert Rim to grade	Ft
Finish 11066(1-7)	Rim to invert 2.40	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media No	11066.1
Shape Circular	Height 8 Width	ins Preclean J Year Cleane	d 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 374.6 Ft Length Surveyed	374.60
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info SOUTH	1	Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1162459.56	Easting 496765.19	Elevation	
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS Accuracy	



the enabling trapert of Lord	11000(17)	TOT OCCUPATION LIMITIAL COLV	OMINITAL
Setup 10 Surveyor TIM	Certificate	# U-307-1521 System Owner COLONY COVE	
Drainage Survey 0	Customer COLONY COVE		
P/O # Date	2012/03/29 Time 13:10	Street DENMARK DR.	
City ELLENTON	Further location detai	Is 11066.1 187 DENMARK DR.	
Start 10419(1-6)	Rim to invert 3.90	Grade to invert Rim to grade	Ft
Finish 11066(1-7)	Rim to invert 2.40	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media No 1	1066.1
Shape Circular	Height 8 Width	ins Preclean J Year Cleaned 2	012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 374.6 Ft Length Surveyed 37	4.60
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info SOUTH		Structural O&M Con	structional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1162459.56	Easting 496765.19	Elevation	
Coordinate System US STATE Pl	LANE1983 (NAD 1983)	GPS Accuracy	

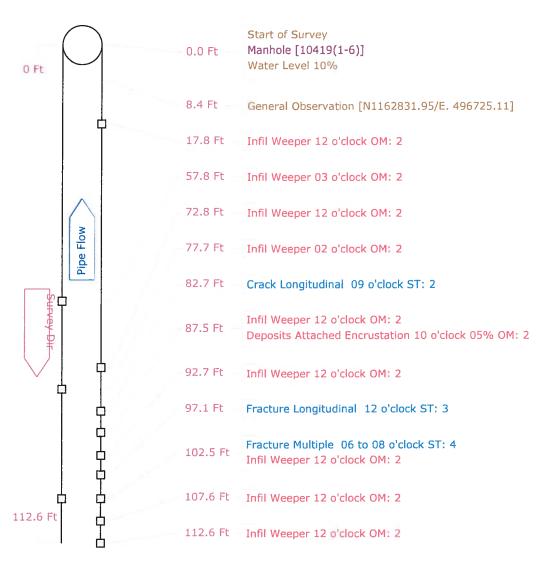


the Grapine Report of Fore	11000(1-7)	101 COLONI COVI	- HALLINE COLA OPIALIA
Setup 10 Surveyor TIM	Certificate	# U-307-1521 System Own	er COLONY COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/03/29 Time 13:10	Street DENMARK DR.	
City ELLENTON	Further location detail	s 11066.1 187 DENMARK DR.	
Start 10419(1-6)	Rim to invert 3.90	Grade to invert Rim to	grade Ft
Finish 11066(1-7)	Rim to invert 2.40	Grade to invert Rim to	grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 11066.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 374.6 Ft Le	ength Surveyed 374.60
Lining	Year laid	Year rehabilitated Weather	Dry
Purpose		Cat	
Additional info SOUTH		Structural	O&M Constructiona
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work O	rder
Northing 1162459.56	Easting 496765.19	Elevation	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Accuracy	

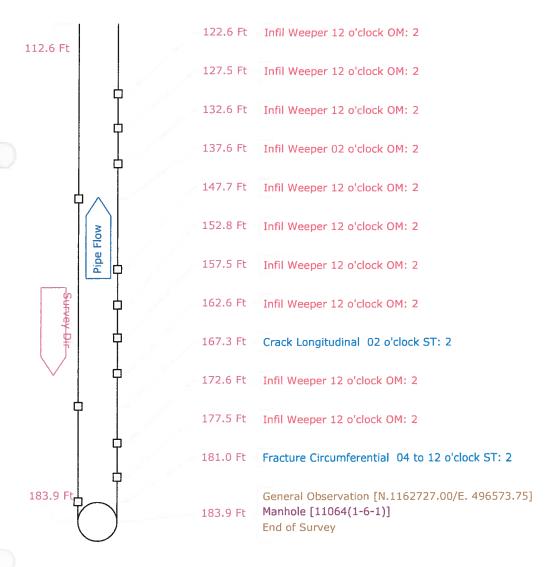


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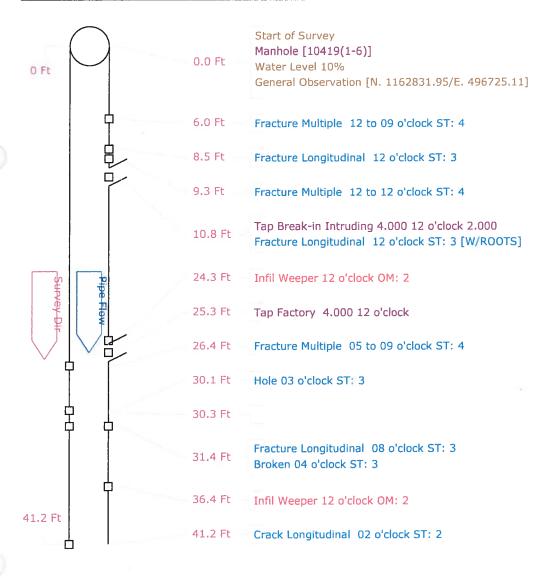
	11001(101)			
Setup 11 Surveyor TiM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey (Customer COLONY COVE			
P/O # Date	2012/03/29 Time 14:27	Street ROTTE	ERDAM AVE	
City ELLENTON	Further location detail	s 11064,1310 ROTTE	RDAM AVE	
Start 10419(1-6)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Finish 11064(1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	11064,1
Shape Circular	Height 8 Width	ins Preclea	n J Year Clea	ned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length	183.9 Ft Length Survey	red 183.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST			Structural O&M	Constructiona
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		_	Work Order	
Northing 1162727.00	Easting 496573.75	Elevat	ion	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS	Accuracy	



Setup 11 Surveyor TIM	Certificate	# U-307-1521 S	ystem Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/03/29 Time 14:23	Street ROTTERDA	M AVE	
City ELLENTON	Further location detail	s 11064.1310 ROTTERDA	M AVE	
Start 10419(1-6)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Finish 11064(1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	11064.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clea	ned 2012/03/29
Material Vitrified Clay Pipe	Joint length	Ft Total length 183	9 Ft Length Survey	red 183.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Stru	ctural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1162727.00	Easting 496573.75	Elevation		
Coordinate System US STATE F	PLANE1983 (NAD 1983)	GPS Acc	uracy	

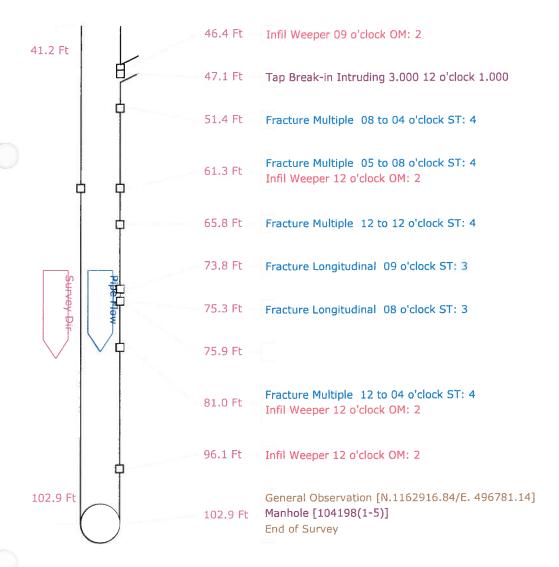


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Setup 12 Surveyor TIM	Certificate #	U-307-1521	System Owner COLONY	COVE
Drainage Survey C	customer COLONY COVE			
P/O # Date	2012/04/02 Time 8:14	Street DENMARI	KDR.	
City ELLENTON	Further location details	10419.1 199 DENMAR	K DR.	
Start 10419(1-6)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Finish 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	10419.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clea	ned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length 10	2.9 Ft Length Survey	ed 102.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Str	uctural O&M	Constructiona
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project		 -	Work Order	
Northing 1162831.95	Easting 496725.11	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	ccuracy	

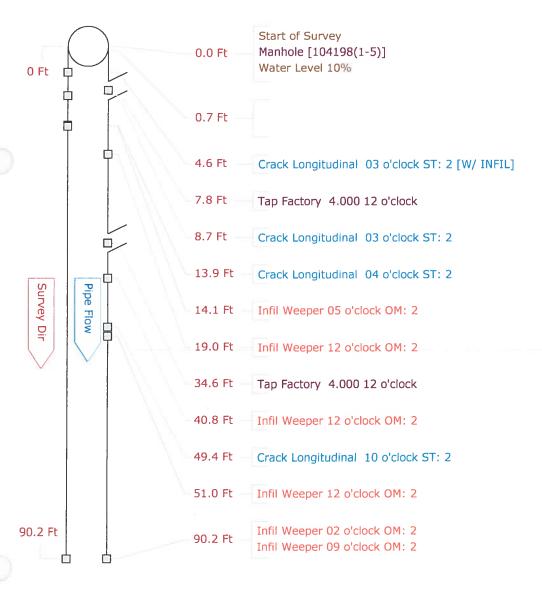


JTV INC. Phone: (727)528-1998

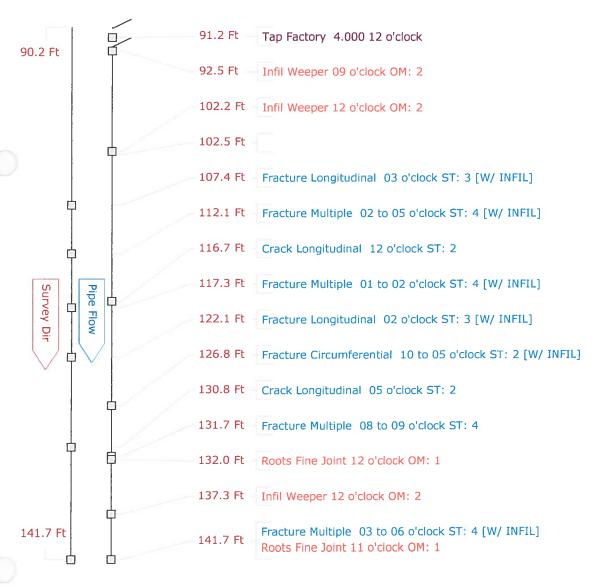
the etablic trapert at t etc	10110(10)			
Setup 12 Surveyor TiM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey (Customer COLONY COVE			
P/O # Date	2012/04/02 Time 8:14	Street DENMA	ARK DR.	
City ELLENTON	Further location detail	s 10419.1 199 DENMA	ARK DR.	
Start 10419(1-6)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Finish 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	n Flow control	Media No	10419.1
Shape Circular	Height 8 Width	ins Preclear	n J Year Clea	ned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length	102.9 Ft Length Survey	ed 102.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST			Structural O&M	Constructiona
Location Easement/Right of Way		1	Miscellaneous Hydraulic	
Project			Work Order	
Northing 1162831.95	Easting 496725.11	Elevati	on	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS	Accuracy	



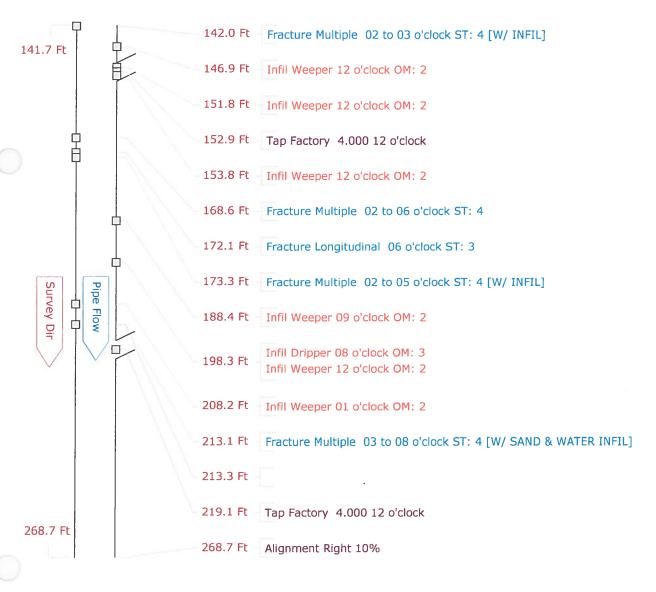
Setup	13/14 Surveyor	TiM		Cert	ificate #	# U-307	-1521	Sys	stem Ov	vner COLON	Y COVE
Drainag	ge	Survey	Customer (COLON	COVE						
P/O #		Date	2012/04/02	Time	12:01	Str	eet DENI	MARK D	R.		
City	ELLENTON		Further	locatio	n detail	s 104198	.1 203 DEI	NMARK	DR.		
Start	104198(1-5)		Rim to i	nvert	3.90	Grad	to invert		Rim	to grade	Ft
Finish	11847		Rim to i	nvert	5.20	Grad	to invert	•	Rim	to grade	Ft
Use S	anitary		Directio	n Dov	vnstrean	n Flov	control			Media No	104198.1
Shape	Circular		Heigh	it 8	Width	in	s Precie	an J		Year Cle	aned 2012/04/02
Materia	I Vitrified Clay Pi	ре	Join	t lengtl	1	Ft To	tal length	443.0	Ft	Length Surve	yed 276.00
Lining			Year	laid		Year reh	abilitated		Weath	er Dry	
Purpos	е					Cat					
Additio	nal info NORTH	EAST						Structi	ural	O&M	Constructional
Locatio	n Easement/Right	of Way						Miscel	laneous	Hydraulic	
Project									Work	Order	
Northin	g 1162916.84		Easting	49678	1.14		Eleva	ition			
Coordin	n ate System US	STATE F	PLANE1983 (NA	AD 1983	3)		GP	S Accu	гасу		



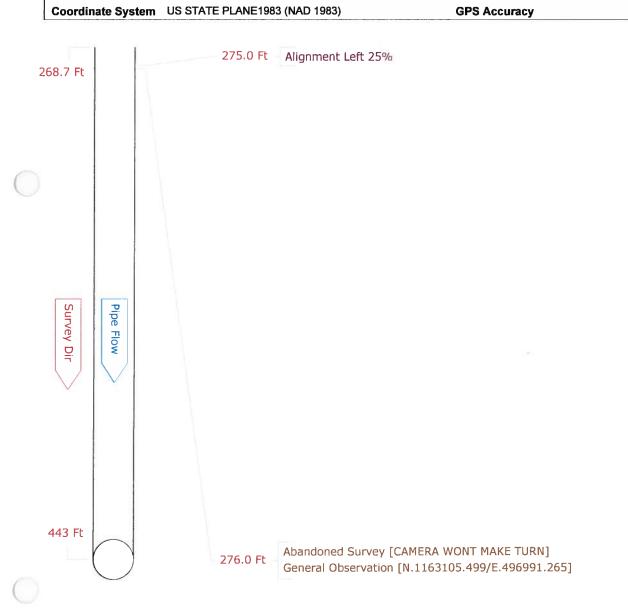
Setup 13/14 Surveyor TIM	M Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Sur	vey Customer COLONY COV	E		
P/O #	ate 2012/04/02 Time 12:0	1 Street DENM	MARK DR.	
City ELLENTON	Further location deta	ils 104198.1 203 DEN	IMARK DR.	
Start 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Finish 11847	Rim to invert 5.20	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrea	m Flow control	Media No	104198.1
Shape Circular	Height 8 Widt	h ins Precle	an J Year Clea	ned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length	443.0 Ft Length Survey	red 276.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAS	Γ		Structural O&M	Constructional
Location Easement/Right of W	/ay		Miscellaneous Hydraulic	
Project			Work Order	
Northing 1162916.84	Easting 496781.14	Eleva	tion	
Coordinate System US STA	TE PLANE1983 (NAD 1983)	GP.	S Accuracy	



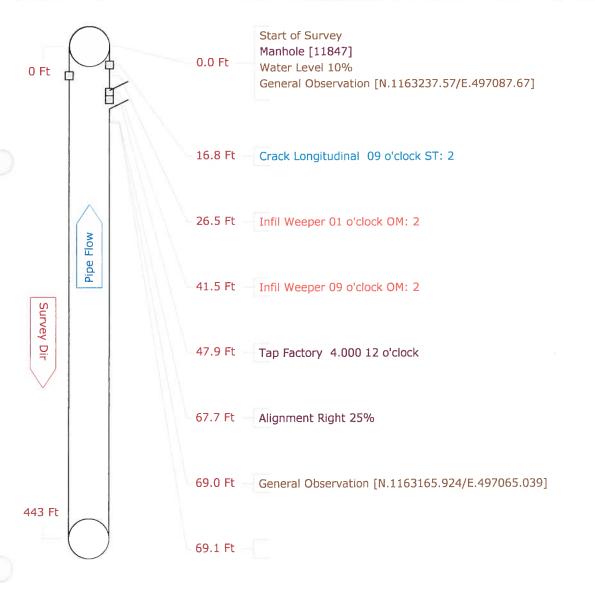
Setup 13/14 Surveyor TIM	Certificate #	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Co	ustomer COLONY COVE			
P/O # Date 2	2012/04/02 Time 12:01	Street DENMAR	RK DR.	
City ELLENTON	Further location detail	s 104198.1 203 DENM	ARK DR.	
Start 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Finish 11847	Rim to invert 5.20	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	104198.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clear	ned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length 4	43.0 Ft Length Survey	ed 276.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		S	tructural O&M	Constructional
Location Easement/Right of Way		l M	iscellaneous Hydraulic	
Project		<u> </u>	Work Order	
Northing 1162916.84	Easting 496781.14	Elevatio	n	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	Accuracy	



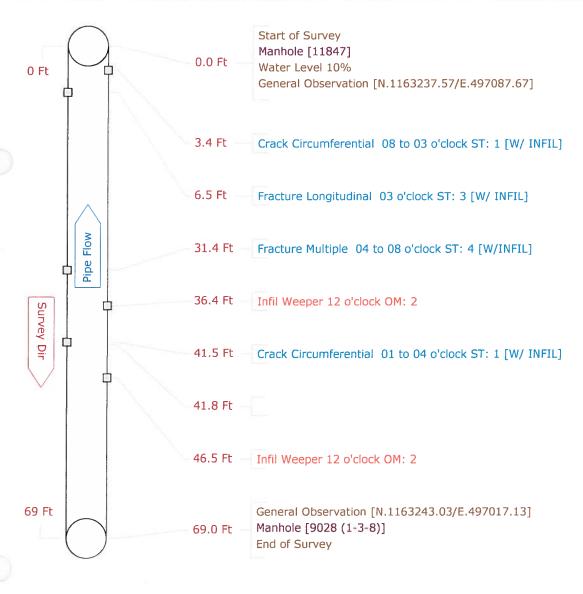
Pipe Graphic Report of PSF	R 104198(1-5) X	for COLON	IY COVE INITIAL C	CTV SANITA
Setup 13/14 Surveyor TIM	Certificate #	U-307-1521 Sys	tem Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/02 Time 12:01	Street DENMARK DI	₹.	
City ELLENTON	Further location details	104198.1 203 DENMARK I	DR.	
Start 104198(1-5)	Rim to invert 3.90	Grade to invert	Rim to grade	Ft
Finish 11847	Rim to invert 5.20	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	104198.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clea	ned 2012/04/02
Material Vitrified Clay Pipe	Joint length F	t Total length 443.0	Ft Length Survey	ed 276.00
Lining	Year laid Y	ear rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Structu	ral O&M	Constructiona
Location Easement/Right of Way		Miscell	aneous Hydraulic	
Project			Work Order	
Northing 1162916.84	Easting 496781.14	Elevation		



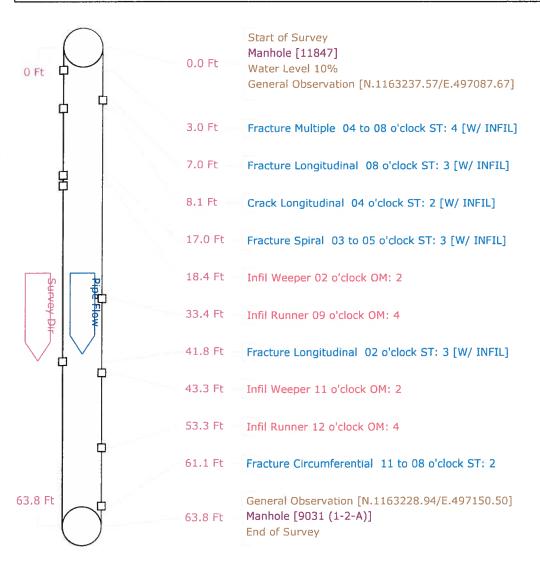
.60	. цр			101100(1	-/				101					
Setup	14/13	Surveyor	TIM		Cert	tificate	# U	-307-15	521	Sys	stem O	wner	COLONY	COVE
Draina	ge		Survey	Customer (COLON	Y COVE								
P/O #			Date	2012/04/02	Tim	e 13:07	7	Street	DENM	IARK D	R.			
City	ELL	ENTON		Further	locatio	n detai	ls 10	4198.1	203 DEN	MARK	DR.			
Start	11847			Rim to	invert	5.20	G	rade to	invert		Rir	n to g	rade	Ft
Finish	104198	3(1-5)		Rim to	invert	3.90	G	rade to	invert		Rir	n to g	rade	Ft
Use S	anitary			Directio	n Up	stream		Flow c	ontrol				Media No	104198.1
Shape	Circula	Γ		Heigl	nt 8	Width	1	ins	Precie	an J			Year Clea	ned 2012/04/02
Materia	I Vitril	ied Clay Pip	е	Join	t lengt	h	Ft	Tota	length	443.0	Ft	Len	gth Survey	ed 69.10
Lining				Yea	r laid		Year	r rehab	ilitated		Weat	her	Dry	
Purpos	e						Ca	t						
Additio	nal info	Reverse	set up o	n sheet:13						Struct	ural	0	&M	Constructional
Locatio	on Ease	ement/Right	of Way							Misce	llaneou	s H	ydraulic	
Project	t										Wor	k Ord	er	
Northin	ng 116	52916.84		Easting	49678	31.14			Eleva	tion				
Coordi	nate Sy	stem US	STATE I	PLANE1983 (N	AD 198	3)			GP	S Accu	racy			



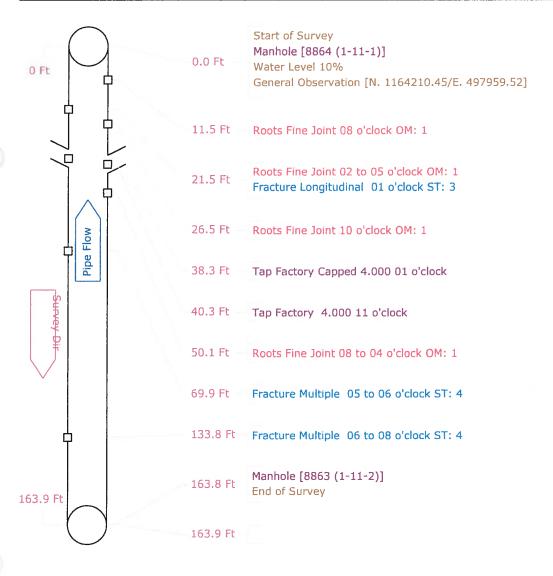
Setup 15 Surveyor TIM	Certificate	¥ U-307-1521 S y	stem Owner COLONY Co	OVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date 2	2012/04/02 Time 14:00	Street DENMARK	DR.	
City ELLENTON	Further location detail	s 9028.1 212 AMSTERDAN	AVE	
Start 11847	Rim to invert 5.20	Grade to invert	Rim to grade	Ft
Finish 9028 (1-3-B)	Rim to invert 5.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9028.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleane	d 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length 69.0	Ft Length Surveyed	69.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info WEST		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project			Work Order	
Northing 1163243.03	Easting 497017.13	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	ıracy	



ipo Grapino Roport Or i Ort	110-17	10: 0020	INT OOVE MATERIAL COTA	
Setup 16 Surveyor TIM	Certificate	‡ U-307-1521 Sy	stem Owner COLONY COVE	
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/02 Time 14:26	Street DENMARK	R.	
City ELLENTON	Further location detail	s 11847.1 219 DENMARK i	DR.	
Start 11847	Rim to invert 5.20	Grade to invert	Rim to grade	Ft
Finish 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	n Flow control	Media No 1	1847.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2	012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length 63.8	Ft Length Surveyed 63	.80
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info EAST		Struc	ural O&M Con	structional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project		\	Work Order	
Northing 1163237.57	Easting 497087.67	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Acci	ігасу	

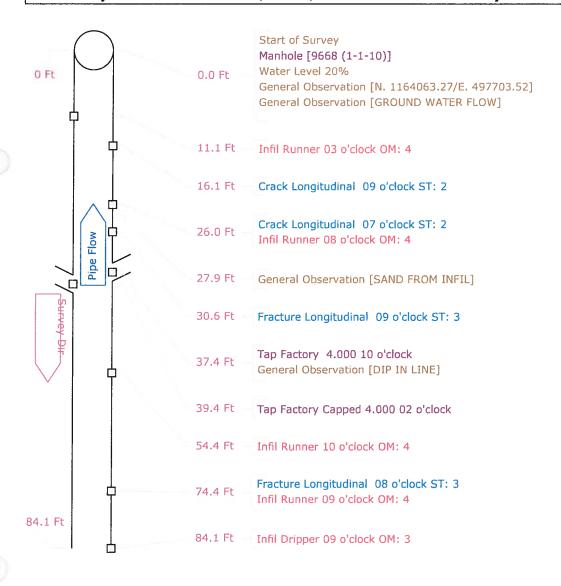


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Setup	17 Surveyor	TIM		Cert	ificate i	# U-307-15	21	Syste	m Owne	r COLONY (COVE
Drainag	je	Survey	Customer	COLON	COVE						
P/O #		Date	2012/04/03	Time	11:13	3 Street	: ALKM	IAAR ST.			
City	ELLENTON		Further	locatio	n detail	ls 8863.1 31	1 ALKM/	AAR ST.			
Start	8864 (1-11-1)		Rim to	invert	7.40	Grade to	invert		Rim to	grade	Ft
Finish	8863 (1-11-2)		Rim to	invert	7.00	Grade to	invert		Rim to	grade	Ft
Use S	anitary		Direction	on Ups	tream	Flow c	ontrol			Media No	8863.1
Shape	Circular		Heigi	ht 8	Width	ins	Precle	an J		Year Clean	ed 2012/04/03
Materia	Vitrified Clay Pip	oe .	Joir	nt lengtl	1	Ft Total	length	163.8	Ft Lei	ngth Surveye	d 163.90
Lining			Yea	r laid		Year rehab	ilitated	W	eather/	Dry	
Purpos	e					Cat					
Additio	nal info EAST							Structura	1 0	0&M	Constructional
Locatio	n Easement/Right	of Way						Miscellan	eous F	lydraulic	
Project							•		Work Or	der	
Northin	g 1164293.90		Easting	49810	2.34		Eleva	tion			
Coordin	nate System US	STATE	PLANE1983 (N	AD 1983	3)		GP	S Accurac	су		



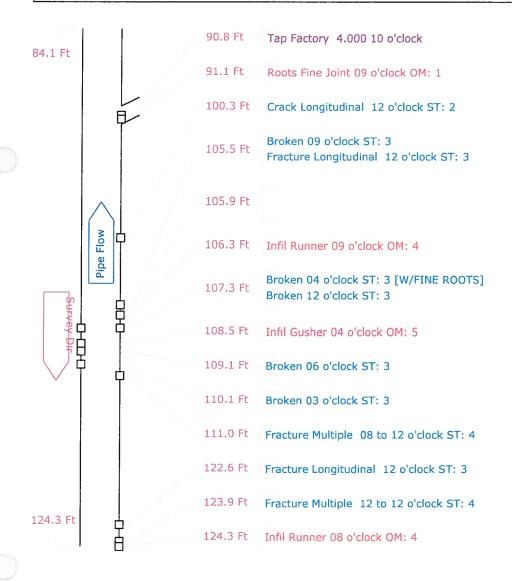
Pipe G	raphic	Report of PSR	CO 90670(1-1-10-1)	X	for	COLONY COVE INITIAL CCTV SANITAR'	
Satur	18	Surveyor TIM	Cortificato	# II-307-1	521	System Owner COLONY COVE	

Setup 18 Surveyor TIM	Certificate	# U-307-1521	System Owner	COLONY COVE
Drainage Survey C	customer COLONY COVE			
P/O # Date	2012/04/03 Time 13:18	Street DORE	RECHT ST	
City ELLENTON	Further location detai	Is CO 96070.1 DORE	RECHT ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to g	rade Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to g	rade Ft
Use Sanitary	Direction Upstream	Flow control		Media No CO 96070,1
Shape Circular	Height 8 Width	ins Precle	an J	Year Cleaned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length	332.4 Ft Len	gth Surveyed 332.40
Lining	Year laid	Year rehabilitated	Weather	Dry
Purpose		Cat		
Additional info NORTH			Structural O	&M Constructional
Location Easement/Right of Way			Miscellaneous H	ydraulic
Project		•	Work Ord	ler
Northing 1164359.20	Easting 497551.48	Eleva	tion	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	S Accuracy	



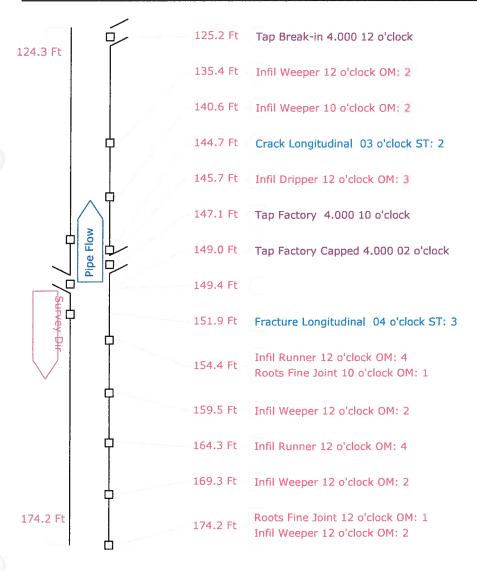
Pipe Graphic Report of PSR	CO 90670(1-1-10-1)	X	for	COLONY COVE INITIAL CCTV SANITAR
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Setup 18 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Cu	stomer COLONY COVE			
P/O # Date 2	012/04/03 Time 13:18	Street DORD	RECHT ST	
City ELLENTON	Further location detail	ls CO 96070.1 DORD	RECHT ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade	Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96070.1
Shape Circular	Height 8 Width	ins Preclea	n J Year Clea	ned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length	332.4 Ft Length Survey	ed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		_	Work Order	
Northing 1164359.20	Easting 497551.48	Elevat	ion	
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS	Accuracy	



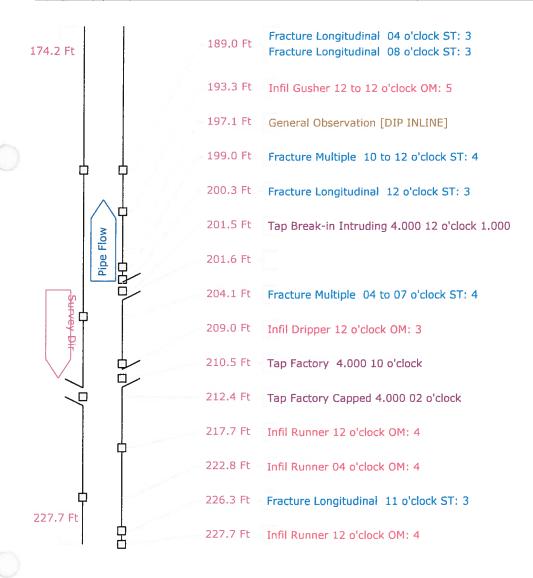
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X for COLONY COVE INITIAL CCTV SANITAR'

Setup 18 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE	:		
P/O # Date	2012/04/03 Time 13:18	Street DORDR	ECHT ST	
City ELLENTON	Further location detail	Is CO 96070.1 DORDR	ECHT ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade	Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96070.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clear	ned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length 3	332.4 Ft Length Survey	ed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH		S	Structural O&M	Constructional
Location Easement/Right of Way		N	Aiscellaneous Hydraulic	
Project		_	Work Order	
Northing 1164359.20	Easting 497551.48	Elevation	วก	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS /	Accuracy	



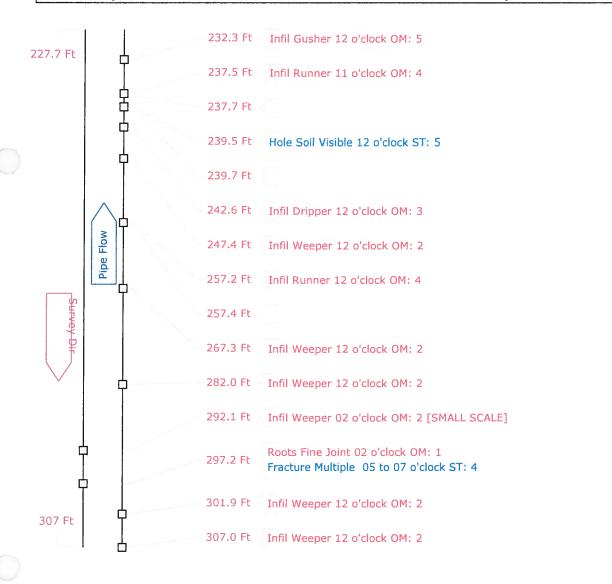
Pipe Graphic Report of PSR CO 90670(1-1-10-1) X for COLONY COVE INITIAL CCTV SANITAR

Setup 18 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date 2	2012/04/03 Time 13:18	Street DORDRE	CHT ST	
City ELLENTON	Further location detail	s CO 96070.1 DORDRE	CHT ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade	Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96070.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clea	ned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length 33	2.4 Ft Length Survey	ed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH		Str	uctural O&M	Constructional
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1164359.20	Easting 497551.48	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	ccuracy	



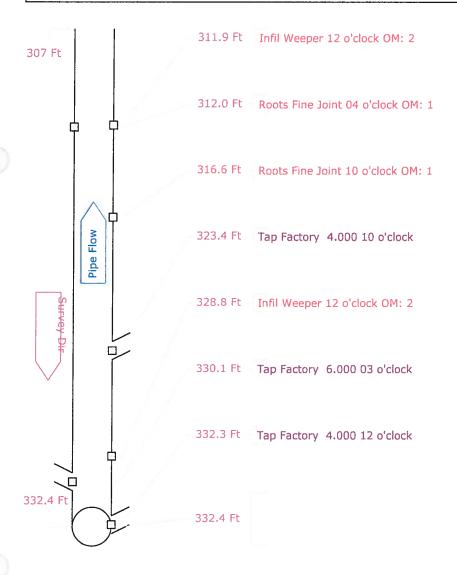
Pipe	Graphic Repo	rt of PSR	CO 90670(1-1-10-1)	Χ	for	COLONY COVE	E INITIAL CCTV SANITAR

Setup 18 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Cเ	stomer COLONY COVE			
P/O # Date 2	012/04/03 Time 13:18	Street DORD	RECHT ST	
City ELLENTON	Further location detail	Is CO 96070.1 DORD	RECHT ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade	Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96070.1
Shape Circular	Height 8 Width	ins Preclea	an J Year Clea	aned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length	332.4 Ft Length Survey	yed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		•	Work Order	
Northing 1164359.20	Easting 497551,48	Eleva	tion	
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS	S Accuracy	



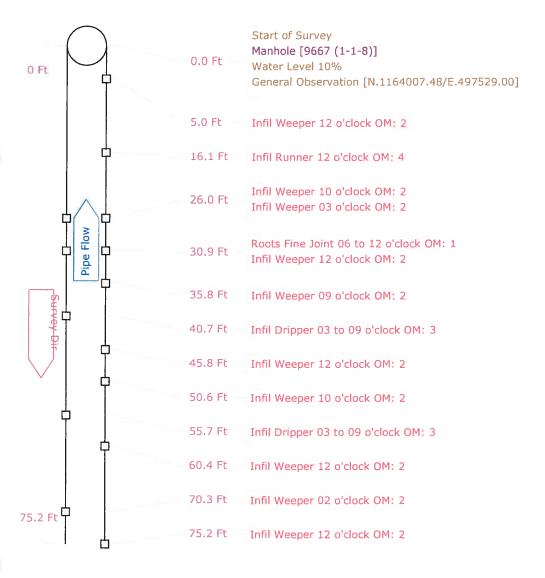
Pipe Graphic Report of PSR	CO 90670(1-1-10-1)	Χ	for	COLONY COVE INITIAL CCTV SANITAR
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Setup 18 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Cu	stomer COLONY COVE			
P/O # Date 2	012/04/03 Time 13:18	Street DORE	DRECHT ST	
City ELLENTON	Further location detail	Is CO 96070.1 DORE	DRECHT ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade	Ft
Finish CO 96069(1-1-10-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96070.1
Shape Circular	Height 8 Width	ins Precle	an J Year Clea	ned 2012/04/03
Material Vitrified Clay Pipe	Joint length	Ft Total length	332.4 Ft Length Survey	ed 332.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		,	Work Order	
Northing 1164359.20	Easting 497551.48	Eleva	tion	
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GP	S Accuracy	

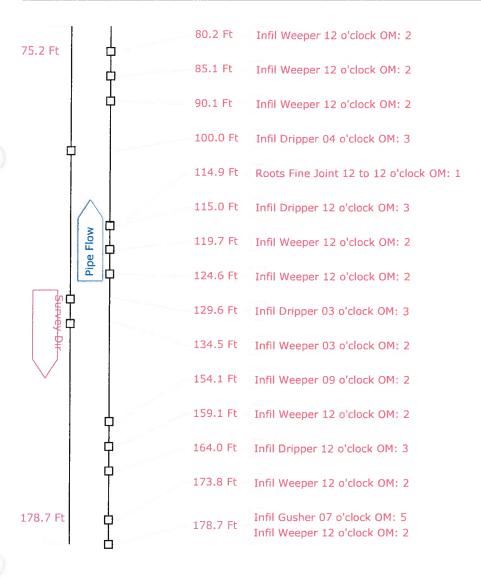


JTV INC. Phone: (727)528-1998 Page 6 of 6

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Setup 19 Surveyor TIM	Certificate a	¥ U-307-1521 S	ystem Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/04 Time 9:40	Street DEN HELD	ER AVE	
City ELLENTON	Further location detail	s 9668.1 201 DEN HELDE	R AVE	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9668,1
Shape Circular	Height 8 Width	ins Preclean J	Year Clear	red 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 183	2 Ft Length Surveye	ed 183.20
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info EAST	, , , , , , , , , , , , , , , , , , , 	Stru	ctural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1164063.27	Easting 497703.52	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	uracy	

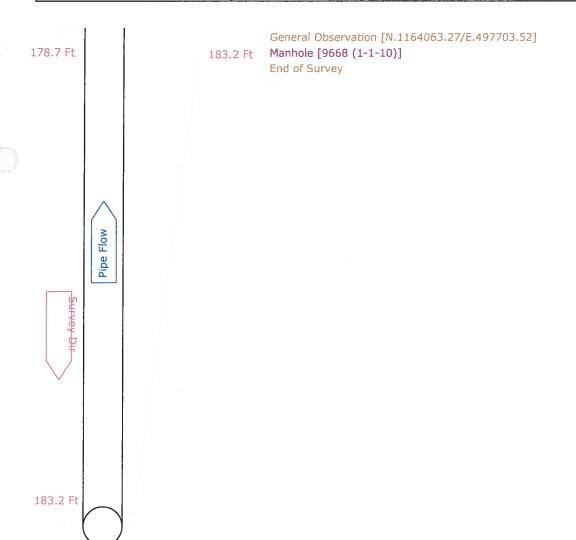


Setup 19 Surveyor TI	M Certific	cate # U-307-1521	System Owner COLONY	COVE
Drainage Sur	rvey Customer COLONY (COVE	•	
P/O #	Date 2012/04/04 Time	9:40 Street DEN	HELDER AVE	
City ELLENTON	Further location (details 9668.1 201 DEN H	ELDER AVE	
Start 9667 (1-1-8)	Rim to invert 6	6.60 Grade to invert	Rim to grade	Ft
Finish 9668 (1-1-10)	Rim to invert 7	7.90 Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstre	eam Flow control	Media No	9668.1
Shape Circular	Height 8 V	Width ins Precle	an J Year Clea	ned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length	183.2 Ft Length Survey	/ed 183.20
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat	,	
Additional info EAST			Structural O&M	Constructional
Location Easement/Right of V	Nay		Miscellaneous Hydraulic	
Project		•	Work Order	
Northing 1164063.27	Easting 497703.5	52 Eleva	tion	
Coordinate System US STA	ATE PLANE1983 (NAD 1983)	GP:	S Accuracy	

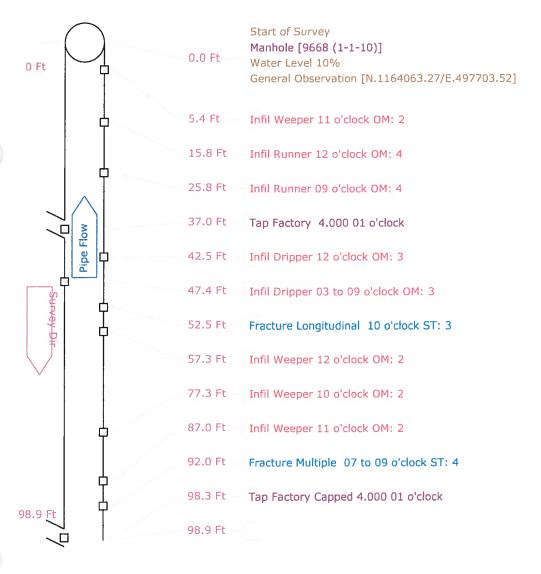


Pipe Graphic Report of PSR	9668 (1-1-10)	Χ	for	COLONY COVE INITIAL CCTV SANITAR

Setup 19 Surveyor TIM	Certificate #	U-307-1521 System Owne	r COLONY COVE
Drainage Survey Cu	ustomer COLONY COVE		
P/O # Date 2	2012/04/04 Time 9:40	Street DEN HELDER AVE	
City ELLENTON	Further location details	9668.1 201 DEN HELDER AVE	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert Rim to	grade Ft
Finish 9668 (1-1-10)	Rim to invert 7.90	Grade to invert Rim to	grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9668,1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length F	Ft Total length 183.2 Ft Le	ngth Surveyed 183.20
Lining	Year laid Y	ear rehabilitated Weather	Dry
Purpose		Cat	
Additional info EAST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work O	der
Northing 1164063.27	Easting 497703.52	Elevation	
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Accuracy	

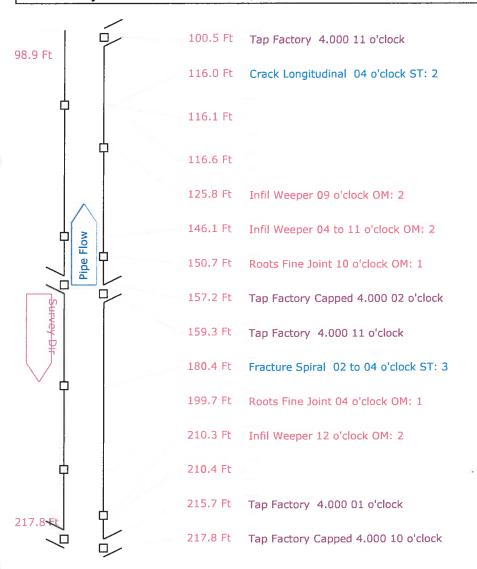


the Grapine Report of Cox	0004 (1-11-1) X			1 7 0/ 11111/11
Setup 20 Surveyor TIM	Certificate a	# U-307-1521 S រ	stem Owner COLONY C	OVE
Drainage Survey 0	Customer COLONY COVE			
P/O # Date	2012/04/04 Time 10:52	Street HOLLAND S	Т	
City ELLENTON	Further location detail	s 8864.1 310 HOLLAND S	Г	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade	Ft
Finish 8864 (1-11-1)	Rim to invert 7.40	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	8864.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleane	ed 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 294.	7 Ft Length Surveyed	294.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info EAST		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1164210,45	Easting 497959.52	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Acc	uracy	



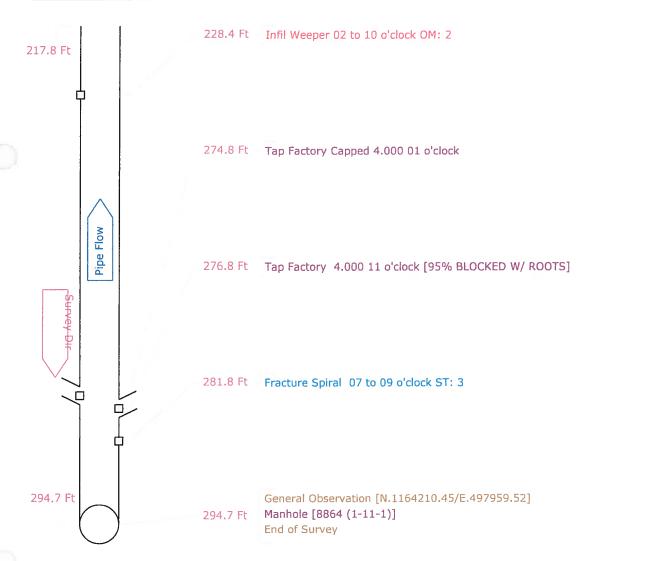
ranhic	Report	of PSR	8864	(1_11_1)
apilic	Leboir	ULFSK	0004	. 1-1 1-17

Setup 20 Surveyor TIM	Certificate #	U-307-1521 Syst	em Owner COLONY COVE
Drainage Survey C	Sustomer COLONY COVE		
P/O # Date	2012/04/04 Time 10:52	Street HOLLAND ST	
City ELLENTON	Further location details	8864.1 310 HOLLAND ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert	Rim to grade Ft
Finish 8864 (1-11-1)	Rim to invert 7.40	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 8864.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 294.7	Ft Length Surveyed 294.70
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info EAST		Structu	al O&M Constructional
Location Easement/Right of Way		Miscella	neous Hydraulic
Project			Work Order
Northing 1164210.45	Easting 497959.52	Elevation	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accur	асу

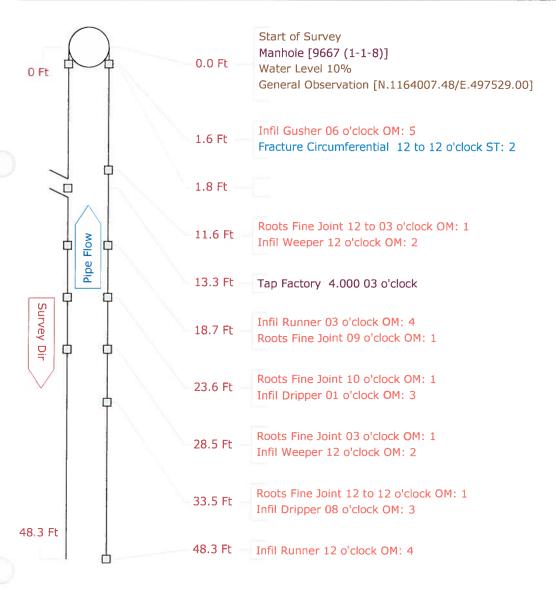


JTV INC. Phone: (727)528-1998

the Grapine Report of Fort	2001(1111)		
Setup 20 Surveyor TIM	Certificate #	U-307-1521 System Owner COL	ONY COVE
Drainage Survey C	Customer COLONY COVE		
P/O # Date	2012/04/04 Time 10:52	Street HOLLAND ST	
City ELLENTON	Further location details	s 8864.1 310 HOLLAND ST	
Start 9668 (1-1-10)	Rim to invert 7.90	Grade to invert Rim to grade	Ft
Finish 8864 (1-11-1)	Rim to invert 7.40	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Medi	a No 8864.1
Shape Circular	Height 8 Width	ins Preclean J Year	Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 294.7 Ft Length S	urveyed 294.70
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info EAST		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydrauli	С
Project		Work Order	
Northing 1164210.45	Easting 497959.52	Elevation	
Coordinate System US STATE PL	_ANE1983 (NAD 1983)	GPS Accuracy	

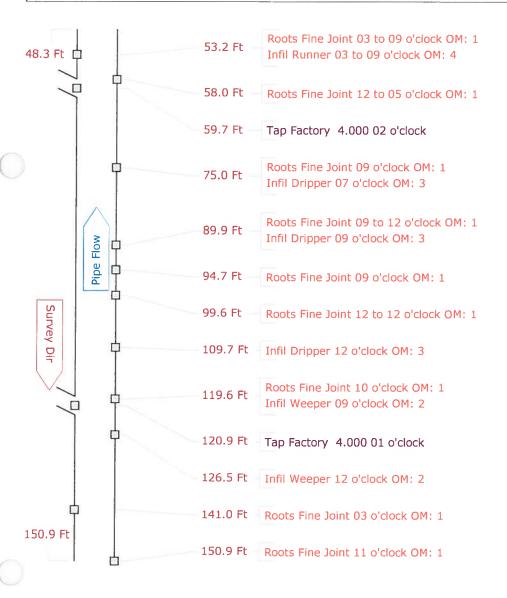


Setup 21 Surveyor TIM	Certificate	# U-307-1521 S y	stem Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/16 Time 14:40	Street DEN HELDE	R AVE	
City ELLENTON	Further location detail	Is CO 96068.1 208 DEN HE	LDER AVE	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish CO 96068 (1-1-9)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96068.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clear	ned 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 250.4	Ft Length Survey	ed 250.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misce	ellaneous Hydraulic	
Project			Work Order	
Northing 1164231.044	Easting 497400.797	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	uracy	

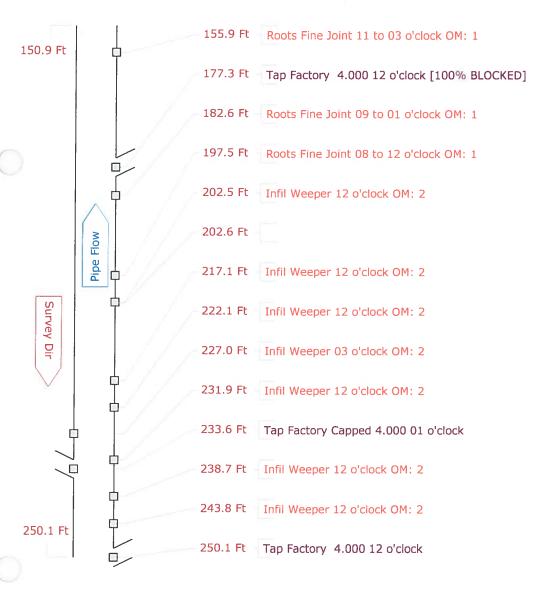


for	COLONY COVE II	NITIAL CCTV SANITAR	
521	System Owner	COLONY COVE	

Setup 21 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE	-		
P/O # Date	2012/04/16	O Street DEN H	IELDER AVE	
City ELLENTON	Further location detai	Is CO 96068.1 208 D	EN HELDER AVE	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish CO 96068 (1-1-9)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96068.1
Shape Circular	Height 8 Width	ins Preclea	ın J Year Clea	ned 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length	250.4 Ft Length Survey	ed 250.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1164231.044	Easting 497400.797	Elevat	ion	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS	S Accuracy	



Setup 21 Surveyor TIM	Certificate	# U-307-1521 S y	stem Owner COLON	Y COVE
Drainage Survey C	customer COLONY COVE			
P/O # Date	2012/04/16 Time 14:40	Street DEN HELDE	R AVE	
City ELLENTON	Further location detai	Is CO 96068.1 208 DEN HE	LDER AVE	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish CO 96068 (1-1-9)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96068.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cle	eaned 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 250.4	Ft Length Surve	eyed 250.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1164231.044	Easting 497400.797	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	uracy	

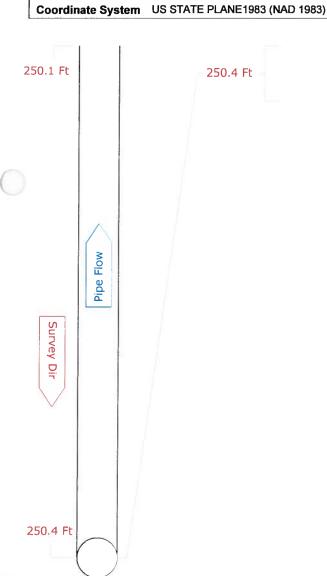


Pipe Gr	raphic Report	of PSR	CO 9606	8 (1-1-9)) <i>F</i>	4	1	for (COLON	AA CC	VE IN	NITIAL C	CTV SANITAR
Setup	21 Surveyo	r TIM		Certi	ificate #	# U-:	307-152	1	Sys	tem O	wner	COLONY	COVE
Drainag	je	Survey	Customer	COLONY	COVE								
P/O #		Date	2012/04/16	Time	14:40) ;	Street	DEN H	HELDER	AVE			
City	ELLENTON		Furthe	r locatio	n detail	s CO	96068.1	208 D	EN HEL	DER A	VΕ		
Start	9667 (1-1-8)		Rim to	invert	6.60	Gr	ade to i	invert		Rim	to gr	ade	Ft
Finish	CO 96068 (1-1-9)	Rim to	invert		Gr	ade to i	invert		Rim	to gr	ade	Ft
Use Sa	anitary		Direct	ion Ups	tream	F	low cor	ntrol			ı	Media No	CO 96068.1
Shape	Circular		Heig	ght 8	Width		ins F	Precle:	an J			Year Clea	aned 2012/04/16
Materia	Vitrified Clay P	ipe	Joi	int length	1	Ft	Total I	ength	250.4	Ft	Leng	th Survey	yed 250.40
Lining			Ye	ar laid		Year ı	rehabili	itated		Weath	er [Ory	
Purpose	e					Cat							
Additio	nal info NORTI	1							Structu	ıral	0&	М	Constructional
Locatio	n Easement/Righ	nt of Way							Miscell	aneous	Hyd	draulic	
Project										Work	(Orde	r	

Elevation

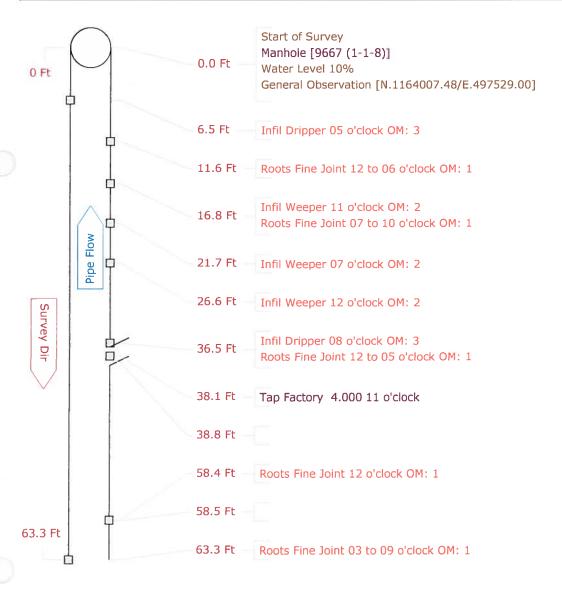
GPS Accuracy

Easting 497400.797

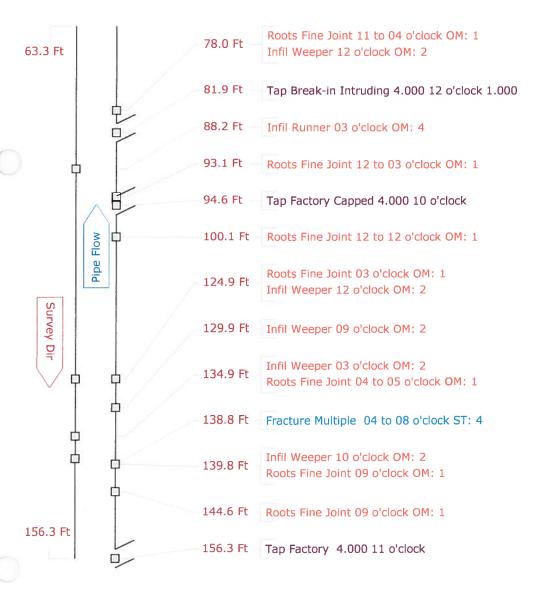


Northing 1164231.044

Tipe Grapinic Report of For	CO 30000 X	IOI OOLO	THE COVE INTEREST OF CAMERA
Setup 22 Surveyor TIM	Certificate	# U-307-1521 Sy	stem Owner COLONY COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/04/04 Time 12:58	S Street HOLLAND S	т
City ELLENTON	Further location detail	Is CO 96066.1 202 HOLLAN	ID ST
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade Ft
Finish CO 96066	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO 96066.
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 277.9	Ft Length Surveyed 277.90
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info SOUTHWEST		Struc	tural O&M Constructional
Location Easement/Right of Way		Misce	ellaneous Hydraulic
Project			Work Order
Northing 1163873.352	Easting 497285.200	Elevation	
Coordinate System US STATE P	PLANE1983 (NAD 1983)	GPS Acc	игасу

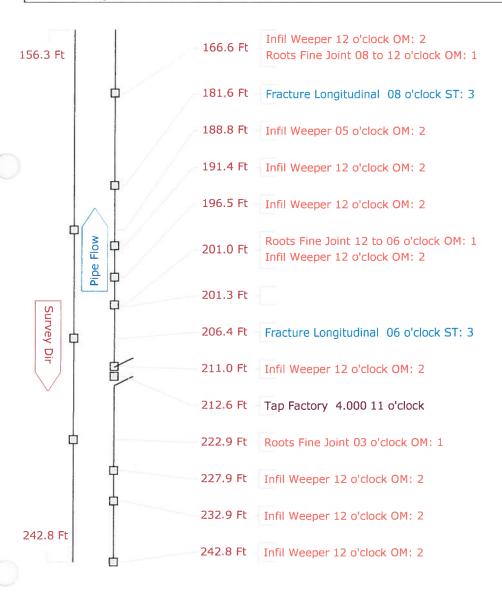


ripe Grapilic Report of PSR	CC 90000 X	IOI COLONI COVE INITIAL	OOTV OAITITAL
Setup 22 Surveyor TIM	Certificate	# U-307-1521 System Owner COLON	IY COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/04/04 Time 12:5	8 Street HOLLAND ST	
City ELLENTON	Further location detai	Is CO 96066.1 202 HOLLAND ST	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert Rim to grade	Ft
Finish CO 96066	Rim to invert	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media N	o CO 96066.1
Shape Circular	Height 8 Width	n ins Preclean J Year Cl	eaned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 277.9 Ft Length Surv	eyed 277.90
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info SOUTHWEST		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1163873.352	Easting 497285.200	Elevation	
Coordinate System US STATE F	PLANE1983 (NAD 1983)	GPS Accuracy	

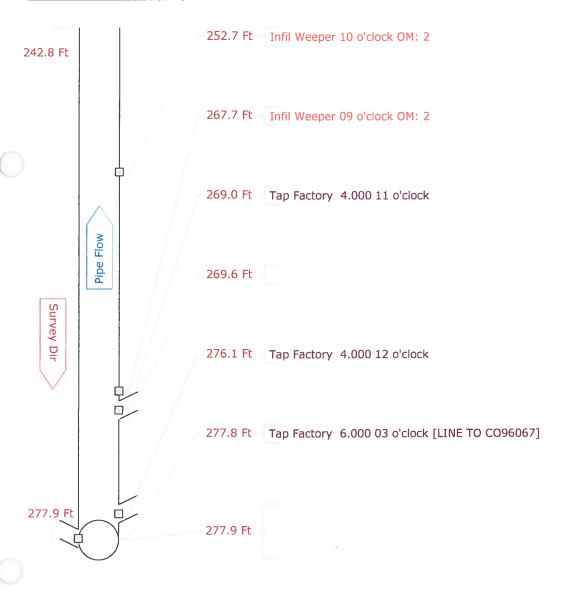


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Setup 22 Surveyor TIM	Certificate	# U-307-1521 \$	System Owner COLONY (COVE
Drainage Survey C	ustomer COLONY COVE	:		
P/O # Date 2	2012/04/04 Time 12:5	Street HOLLAND	ST	
City ELLENTON	Further location detail	Is CO 96066.1 202 HOLL	AND ST	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish CO 96066	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96066.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clear	ed 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 277	7.9 Ft Length Surveye	ed 277.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Stru	uctural O&M	Constructional
Location Easement/Right of Way		Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1163873.352	Easting 497285.200	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Ac	curacy	

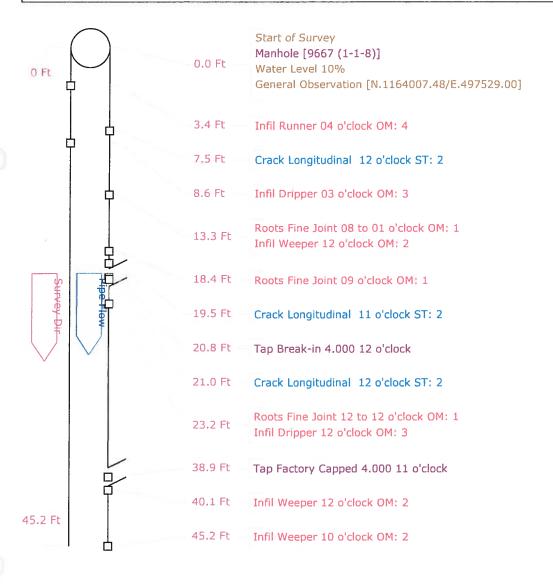


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Setup 22 Surveyor TIM	Certificate	# U-307-1521 Sy :	stem Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/04 Time 12:58	Street HOLLAND S	Γ	
City ELLENTON	Further location detai	Is CO 96066.1 202 HOLLAN	D ST	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish CO 96066	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 96066.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clear	ned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 277.9	Ft Length Surveye	ed 277.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Struct	ural O&M	Constructional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project		L	Work Order	
Northing 1163873.352	Easting 497285.200	Elevation		
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS Acci	ігасу	



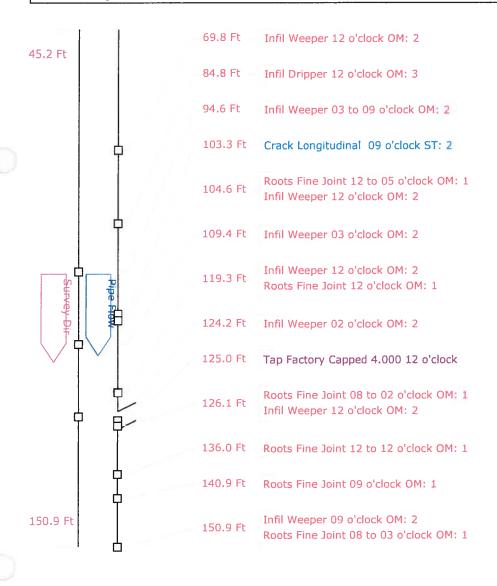
JTV INC. Phone: (727)528-1998

Setup	23	Surveyor	TIM		Cert	tificate	# U-	307-15	21	Sys	stem O	wner	COLONY	COVE
Drainag	je		Survey	Customer	COLON	Y COVE								
P/O #			Date	2012/04/04	Tim	e 14:18	3	Street	HOLL	AND ST	-			
City	ELL	ENTON		Further	locatio	n detail	Is 966	7.1 212	HOLLA	AND ST				
Start	9667 ((1-1-8)	·	Rim to	invert	6.60	Gr	ade to	invert		Rin	n to gr	ade	Ft
Finish	9027 ((1-1-7)		Rim to	invert	5.00	Gr	ade to	invert		Rin	n to gr	ade	Ft
Use S	anitary			Directi	on Do	wnstrear	n F	low co	ntrol				Media No	9667.1
Shape	Circula	ar		Heig	ht 8	Width	ı	ins	Precle	an J			Year Clear	ned 2012/04/04
Materia	l Vitri	ified Clay Pip	е	Joi	nt lengt	h	Ft	Total	length	166.6	Ft	Leng	th Survey	ed 166.60
Lining				Yea	r laid		Year	rehab	ilitated		Weat	her	Dry	
Purpos	e						Cat							
Additio	nal inf	o SOUTHE	EAST							Structu	ural	08	kM	Constructional
Locatio	n Eas	ement/Right	of Way							Miscel	laneous	Ну	draulic	
Project									,		Wor	k Orde	er	
Northin	g 11	64007.48		Easting	49752	9.00			Eleva	tion				
Coordir	nate Sy	ystem US	STATE F	PLANE1983 (N	IAD 198	3)			GP	S Accu	racy			

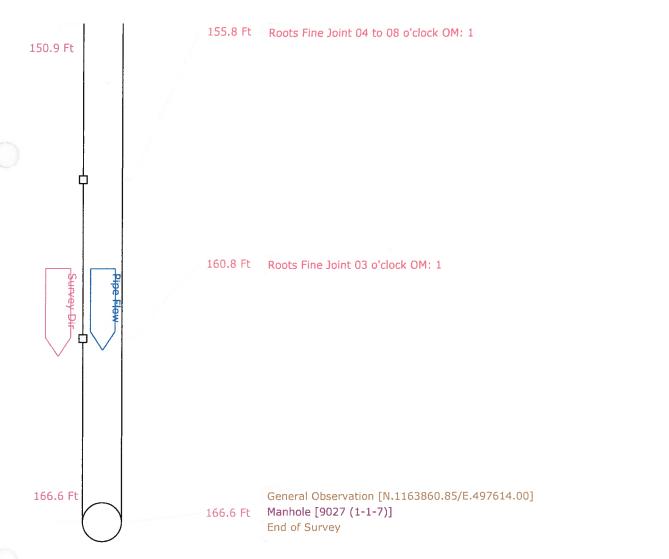


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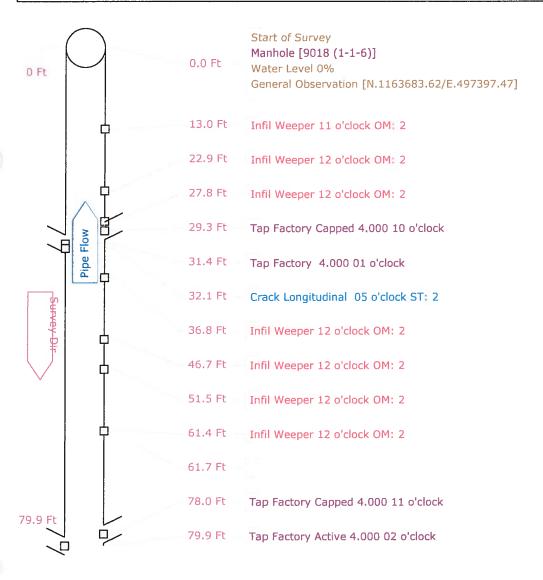
C. C. C. Thi		11.007.4504	COLONY CO	
Setup 23 Surveyor TIM	Certificate #	# U-307-1521	System Owner COLONY CO)VE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date 2	2012/04/04 Time 14:18	Street HOLLAN	D ST	
City ELLENTON	Further location details	s 9667.1 212 HOLLAND	ST	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish 9027 (1-1-7)	Rim to invert 5.00	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrean	Flow control	Media No	9667:1
Shape Circular	Height 8 Width	ins Preclean	J Year Cleane	d 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 16	66.6 Ft Length Surveyed	166.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		St	ructural O&M	Constructiona
Location Easement/Right of Way		M	iscellaneous Hydraulic	
Project			Work Order	
Northing 1164007.48	Easting 497529.00	Elevation	n	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	ccuracy	



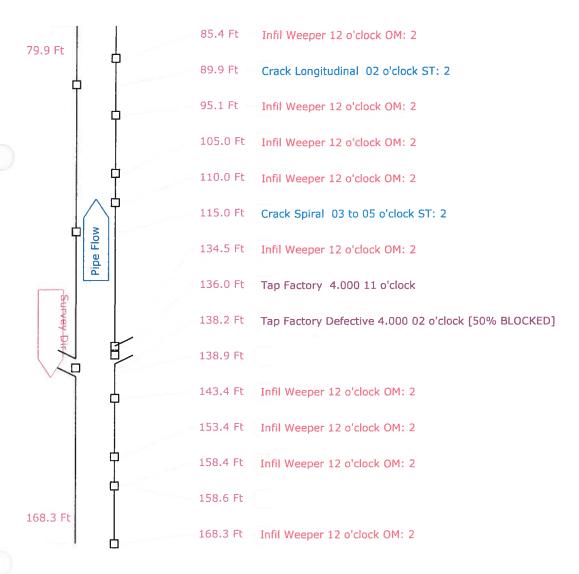
Setup 23 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/04 Time 14:18	Street HOLLANE	ST	
City ELLENTON	Further location detail	s 9667.1 212 HOLLAND	ST	
Start 9667 (1-1-8)	Rim to invert 6.60	Grade to invert	Rim to grade	Ft
Finish 9027 (1-1-7)	Rim to invert 5.00	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	n Flow control	Media No	9667.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clea	ned 2012/04/04
Material Vitrified Clay Pipe	Joint length	Ft Total length 16	6.6 Ft Length Survey	red 166.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		Str	uctural O&M	Constructiona
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1164007.48	Easting 497529.00	Elevation	1	
Coordinate System US STATE F	PLANE1983 (NAD 1983)	GPS A	ccuracy	



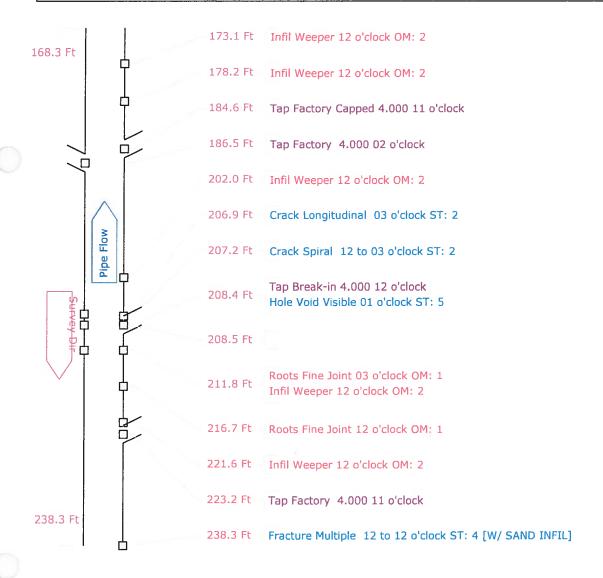
Setup 24 Surveyor TIM	Certificate	# U-07-1521	System Owner COLONY	COVE
•	Customer COLONY COVE		-,	
P/O # Date	2012/04/09 Time 8:59	Street HOLLANE) ST	
City ELLENTON	Further location detail	s 9027.1 213 HOLLAND	ST	
Start 9018 (1-1-6)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish 9027 (1-1-7)	Rim to invert 5.00	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9027.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clea	ned 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length 36	2.1 Ft Length Survey	ed 362.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Str	ructural O&M	Constructional
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1163860,85	Easting 497614.00	Elevation	1	
Coordinate System US STATE PL	_ANE1983 (NAD 1983)	GPS A	ccuracy	



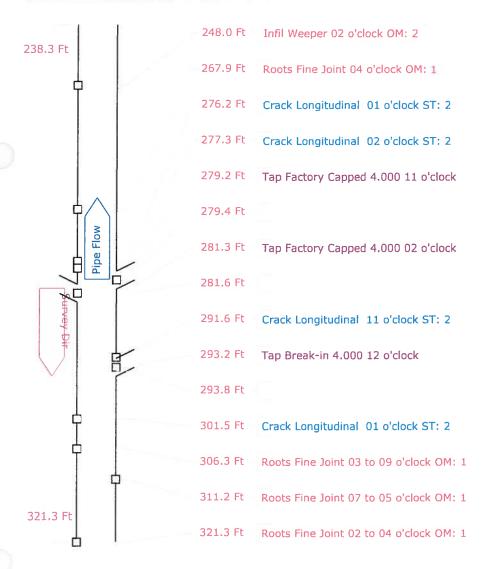
Setup 24 Surveyor TIM	Certificate	# U-07-1521 System Owner COLON	Y COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/04/09 Time 8:59	Street HOLLAND ST	
City ELLENTON	Further location detail	s 9027.1 213 HOLLAND ST	
Start 9018 (1-1-6)	Rim to invert 5.10	Grade to invert Rim to grade	Ft
Finish 9027 (1-1-7)	Rim to invert 5.00	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media No	o 9027.1
Shape Circular	Height 8 Width	ins Preclean J Year Cle	eaned 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length 362.1 Ft Length Surve	eyed 362,10
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info NORTHEAST		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1163860.85	Easting 497614.00	Elevation	
Coordinate System US STATE F	LANE1983 (NAD 1983)	GPS Accuracy	



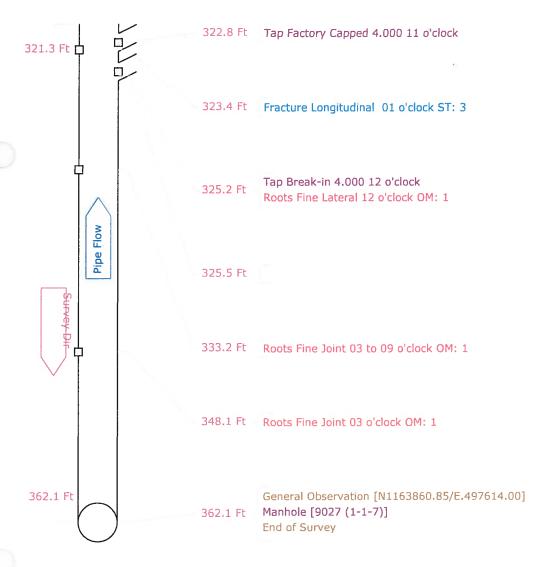
The Grapine Report of Folk Gozi (1 1 7)	
Setup 24 Surveyor TIM Certificate	e # U-07-1521 System Owner COLONY COVE
Drainage Survey Customer COLONY CO\	Æ
P/O # Date 2012/04/09 Time 8:5	9 Street HOLLAND ST
City ELLENTON Further location det	ails 9027.1 213 HOLLAND ST
Start 9018 (1-1-6) Rim to invert 5.10	Grade to invert Rim to grade Ft
Finish 9027 (1-1-7) Rim to invert 5.00	Grade to invert Rim to grade Ft
Use Sanitary Direction Upstream	Flow control Media No 9027.1
Shape Circular Height 8 Wid	th ins Preclean J Year Cleaned 2012/04/09
Material Vitrified Clay Pipe Joint length	Ft Total length 362.1 Ft Length Surveyed 362.10
Lining Year laid	Year rehabilitated Weather Dry
Purpose	Cat
Additional info NORTHEAST	Structural O&M Constructional
Location Easement/Right of Way	Miscellaneous Hydraulic
Project	Work Order
Northing 1163860.85 Easting 497614.00	Elevation
Coordinate System US STATE PLANE1983 (NAD 1983)	GPS Accuracy



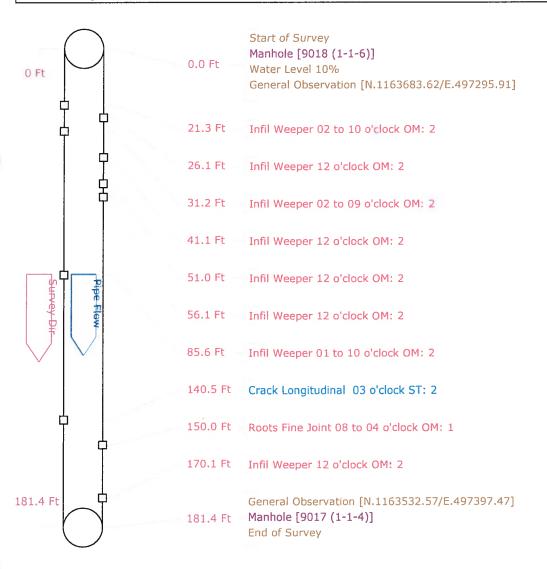
Setup 24 Surveyor TIM	Certificate	# U-07-1521 Sy !	stem Owner COLONY (COVE
Drainage Survey	Customer COLONY COVE	:		
P/O # Date	2012/04/09 Time 8:59	Street HOLLAND ST	-	
City ELLENTON	Further location detai	Is 9027.1 213 HOLLAND ST		
Start 9018 (1-1-6)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft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



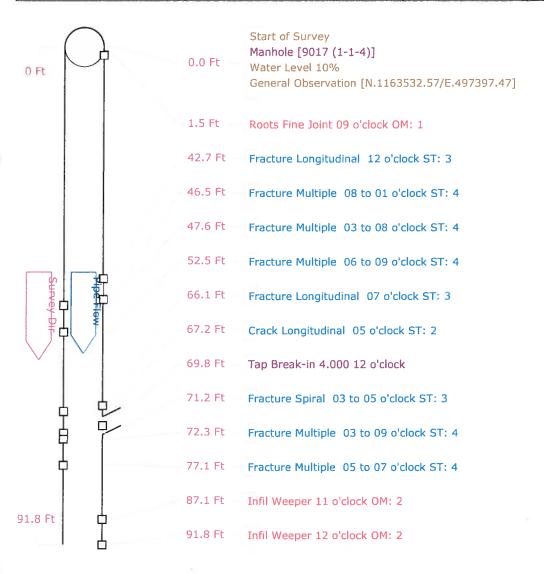
Pipe Graphic Report of PSR	027 (1-1-7)	for	COLONY COVE INITIAL CO	CTV SANITAF
Setup 24 Surveyor TIM	Certifica	te # U-07-1521	System Owner COLONY	COVE
Drainage Survey Cu	stomer COLONY CO	VE		
P/O # Date 2	012/04/09 Time 8:	59 Street HOL	LAND ST	
City ELLENTON	Further location de	tails 9027.1 213 HOLL	AND ST	
Start 9018 (1-1-6)	Rim to invert 5.1	Grade to inver	t Rim to grade	Ft
Finish 9027 (1-1-7)	Rim to invert 5.0	Grade to inver	t Rim to grade	Ft
Use Sanitary	Direction Upstream	n Flow control	Media No	9027.1
Shape Circular	Height 8 Wie	ins Precle	ean J Year Clea	ned 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length	n 362.1 Ft Length Survey	ed 362.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1163860.85	Easting 497614.00	Eleva	ation	
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GF	PS Accuracy	



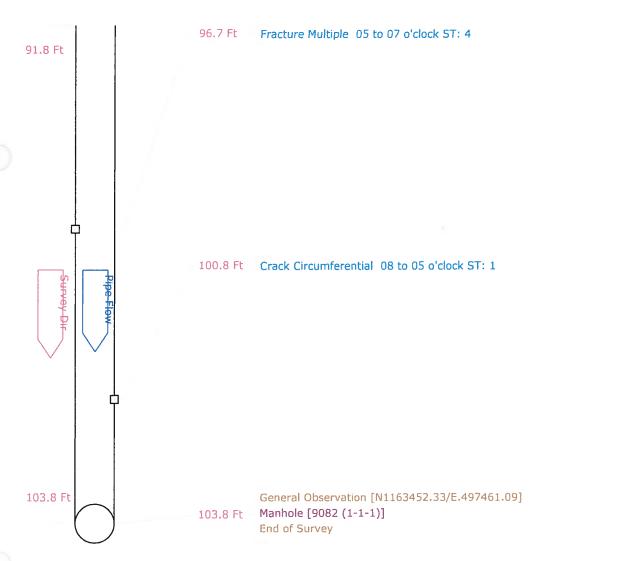
Pipe Graphic Report of	P3R 9016 (1-1-6	<u> </u>	101 0	OLONT COVE INITIAL C	OT V ONITIAL
Setup 25 Surveyor	TIM	Certificate #	U-07-1521	System Owner COLONY	COVE
Drainage S	urvey Customer C	OLONY COVE			
P/O #	Date 2012/04/09	Time 12:30	Street HERLE	EN ST	
City ELLENTON	Further I	ocation details	9018.1 202 HERLEE	EN ST	
Start 9018 (1-1-6)	Rim to i	nvert 5.10	Grade to invert	Rim to grade	Ft
Finish 9017 (1-1-4)	Rim to i	nvert 6.00	Grade to invert	Rim to grade	Ft
Use Sanitary	Directio	n Downstream	Flow control	Media No	9018.1
Shape Circular	Heigh	t 8 Width	ins Preclea	n J Year Clea	aned 2012/04/09
Material Vitrified Clay Pipe	Joint	length F	Ft Total length	181.4 Ft Length Surve	yed 181.40
Lining	Year	laid Y	ear rehabilitated	Weather Dry	
Purpose			Cat		
Additional info SOUTHEA	ST	, , , , , , , , , , , , , , , , , , , ,		Structural O&M	Constructional
Location Easement/Right of	f Way			Miscellaneous Hydraulic	
Project				Work Order	
Northing 1163683.62	Easting	497295.91	Elevati	on	
Coordinate System US S	TATE PLANE1983 (NA	D 1983)	GPS	Accuracy	



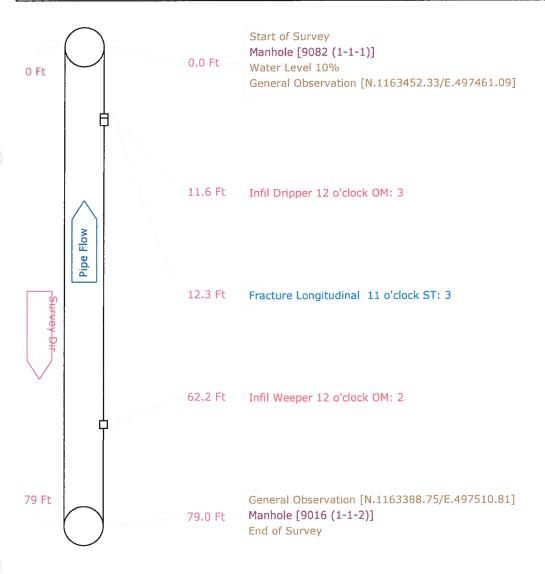
the graphic isobout or Lois	3017 (1-1 -4) X	IOI COLOIVI COVE II	ALLINE COLV ONIVITAL
Setup 26 Surveyor TIM	Certificate #	U-07-1521 System Owner	COLONY COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/04/09 Time 12:59	Street N. UTRECHT ST	
City ELLENTON	Further location details	9017.1 201 N. UTRECHT ST	
Start 9017 (1-1-4)	Rim to invert 6.00	Grade to invert Rim to gra	ade Ft
Finish 9082 (1-1-1)	Rim to invert 6.70	Grade to invert Rim to gra	ade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 9017.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length 103.8 Ft Leng	th Surveyed 103.80
Lining	Year laid	Year rehabilitated Weather	Ory
Purpose		Cat	
Additional info SOUTHEAST		Structural O&	M Constructional
Location Easement/Right of Way		Miscellaneous Hyd	fraulic
Project		Work Orde	r
Northing 1163532.57	Easting 497397.47	Elevation	
Coordinate System US STATE F	PLANE1983 (NAD 1983)	GPS Accuracy	



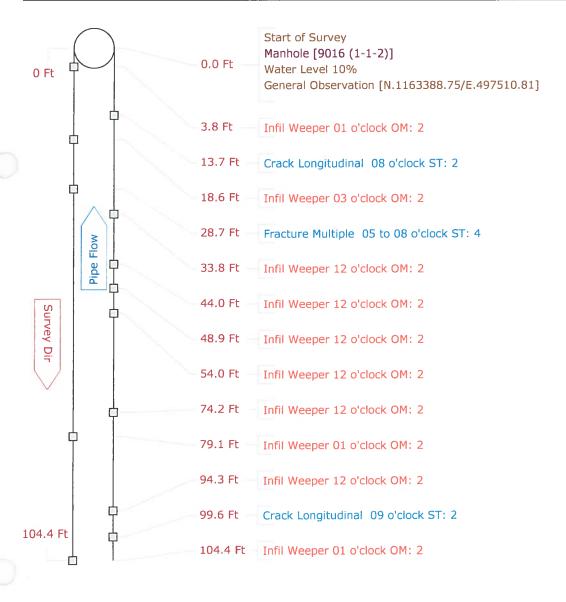
Setup 26 Surveyor TIM	Certificate	# U-07-1521	System Owner COLONY (OVE
•	customer COLONY COVE			
P/O # Date	2012/04/09 Time 12:59	Street N. UTRE	CHT ST	
City ELLENTON	Further location detail	s 9017.1 201 N. UTREC	CHT ST	
Start 9017 (1-1-4)	Rim to invert 6.00	Grade to invert	Rim to grade	Ft
Finish 9082 (1-1-1)	Rim to invert 6.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	n Flow control	Media No	9017.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clean	ed 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length 10	03.8 Ft Length Surveye	d 103.80
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		SI	tructural O&M	Constructional
Location Easement/Right of Way		M	iscellaneous Hydraulic	
Project			Work Order	
Northing 1163532.57	Easting 497397.47	Elevatio	n	
Coordinate System US STATE PL	_ANE1983 (NAD 1983)	GPS A	Accuracy	



Lihe Gi	apini	c Keboir	UIFOR	9010 (1-1-	<u> </u>				101	JOLO	IN I CO	J V L. 1	INITIAL CO	21 A OUINITUL
Setup	27	Surveyor	TIM		Cert	ificate	# U-	-07-152	1	Sy	stem C	wner	COLONY	COVE
Drainag	je		Survey	Customer	COLON	Y COVE								
P/O #			Date	2012/04/09	Time	e 14:18	3	Street	ENDH	IOVEN	ST			
City	ELL	ENTON		Further	locatio	n detai	is 901	16.1 223	B ENDH	OVENS	ST			
Start	9082 ((1-1-1)		Rim to	invert	6.70	G	rade to	invert		Rir	n to g	rade	Ft
Finish	9016 ((1-1-2)		Rim to	invert	6.90	G	rade to	invert		Rir	n to g	rade	Ft
Use Sa	anitary			Direction	n Up	stream	F	low co	ntrol				Media No	9016.1
Shape	Circula	ar		Heigl	nt 8	Width	1	ins	Precle	an J			Year Clear	ned 2012/04/09
Materia	l Vitri	ified Clay Pi	ре	Joir	t lengt	h	Ft	Total	length	79.0	Ft	Len	gth Survey	ed 79.00
Lining				Yea	r laid		Year	rehab	ilitated		Weat	her	Dry	
Purpos	e						Cat	t						
Addition	nal inf	o SOUTH	EAST							Struck	tural	0	&M	Constructional
Locatio	n Eas	ement/Right	t of Way							Misce	llaneou	s H	ydraulic	
Project									•		Wor	k Ord	er	
Northin	g 11	63388.75		Easting	49751	0.81			Eleva	tion				
Coordin	nate Sy	ystem US	STATE F	PLANE1983 (N	AD 198	3)			GP	S Accı	uracy			

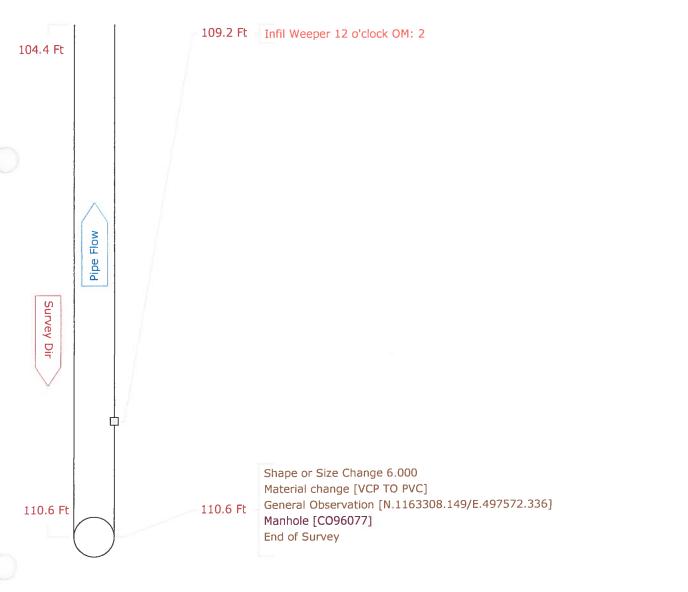


Setup 28 Surveyor TIM	Certificate	# U-307-1521 Sy s	stem Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/16	Street ENDHOVEN	ST	
City ELLENTON	Further location detai	Is CO96077.1 223 ENDHOV	EN ST	
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade	Ft
Finish CO96077	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96077.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clea	ned 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length 110.6	Ft Length Survey	ed 110.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		Struct	ural O&M	Constructional
Location Easement/Right of Way		Miscel	laneous Hydraulic	
Project		tomer	Work Order	
Northing 1163308.149	Easting 497572.336	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Accu	racy	

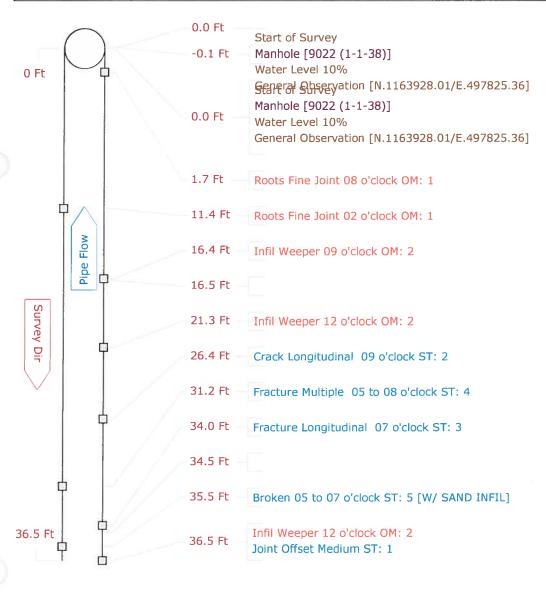


JTV INC. Phone: (727)528-1998

the Grapinie Report of Fort				
Setup 28 Surveyor TIM	Certificate :	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/16 Time 13:14	Street ENDHOVE	EN ST	
City ELLENTON	Further location detail	s CO96077.1 223 ENDH	OVEN ST	
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade	Ft
Finish CO96077	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96077.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clear	ned 2012/04/09
Material Vitrified Clay Pipe	Joint length	Ft Total length 11	0.6 Ft Length Surveye	ed 110.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		Str	uctural O&M	Constructiona
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1163308.149	Easting 497572.336	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS A	ccuracy	

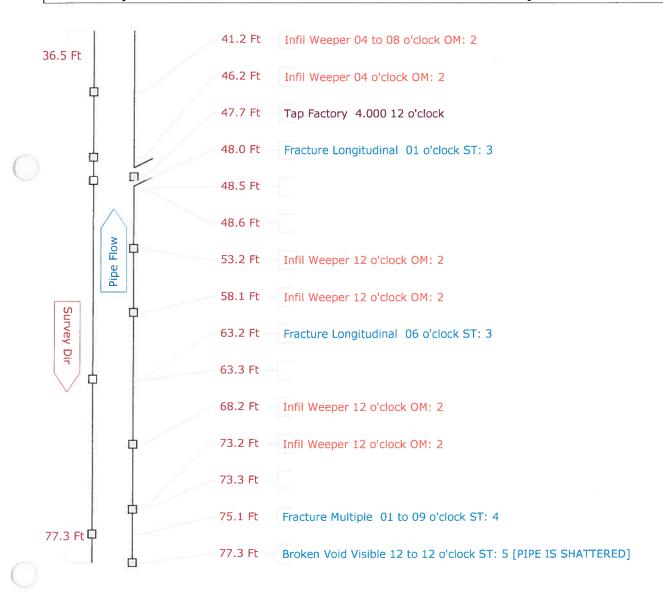


Setup 29 Surveyor TIM	Certificate:	# U-307-1521 S	ystem Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/10 Time 11:02	Street HAGUE DR		
City ELLENTON	Further location detail	s CO96063.1 319 ALKMA	AR ST	
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade	Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96063.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clear	ned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length 280	5 Ft Length Survey	ed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Stru	ctural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1164073.248	Easting 498065.311	Elevation		
Coordinate System US STATE PL	_ANE1983 (NAD 1983)	GPS Acc	curacy	

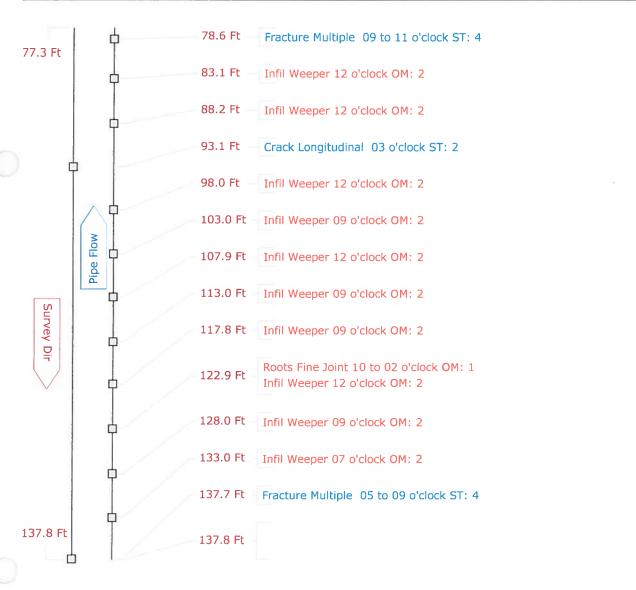


Pipe Grap	hic Report of PSR	CO96063 (1-1-40)	Х	for	COLONY COVE INITIAL CCTV SANITAR
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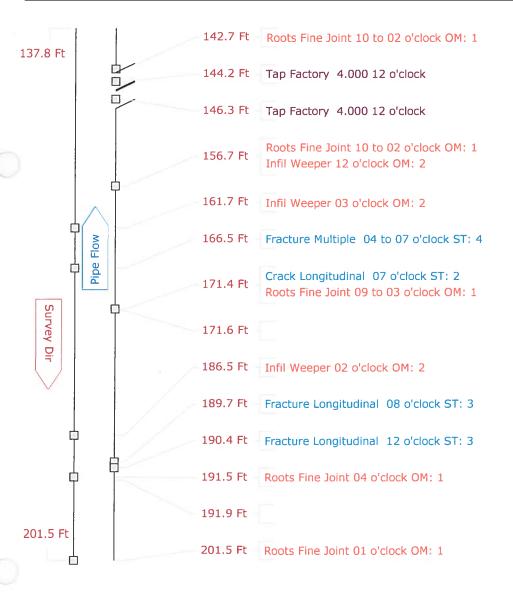
Setup	29 Surveyor	TIM		Certificate	e# U-307	-1521	System O	wner COLONY	COVE
Draina	ge :	Survey (Customer (COLONY COV	Æ				
P/O #		Date	2012/04/10	Time 11:	02 Str	eet HAG	UE DR		
City	ELLENTON		Further	location det	ails CO960	63.1 319 A	LKMAAR ST		
Start	9022 (1-1-38)		Rim to	invert 9.70	Grade	to invert	Rin	n to grade	Ft
Finish	CO96063 (1-1-40)		Rim to	invert	Grade	to invert	Rin	n to grade	Ft
Use S	anitary		Directio	n Upstream	Flow	control		Media No	CO96063.1
Shape	Circular		Heigh	nt 8 Wid	th in	s Precie	ean J	Year Clea	ned 2012/04/10
Materia	I Vitrified Clay Pipe	Э	Join	t length	Ft To	tal length	280.5 Ft	Length Survey	ed 280.50
Lining			Yea	r laid	Year reh	abilitated	Weatl	her Dry	
Purpos	e				Cat				
Additio	nal info NORTHE	AST					Structural	O&M	Constructional
Locatio	n Easement/Right	of Way					Miscellaneous	Hydraulic	
Project	:						Wor	k Order	
Northin	ıg 1164073.248		Easting	498065.311		Eleva	ation		
Coordi	nate System US S	STATE P	LANE1983 (N	AD 1983)		GF	S Accuracy		



Setup 29 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/10 Time 11:02	Street HAGU	E DR	
City ELLENTON	Further location detail	Is CO96063.1 319 AL	KMAAR ST	
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade	Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96063.1
Shape Circular	Height 8 Width	ins Preclea	n J Year Clea	ned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length	280.5 Ft Length Survey	ed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1164073.248	Easting 498065.311	Elevat	ion	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	Accuracy	

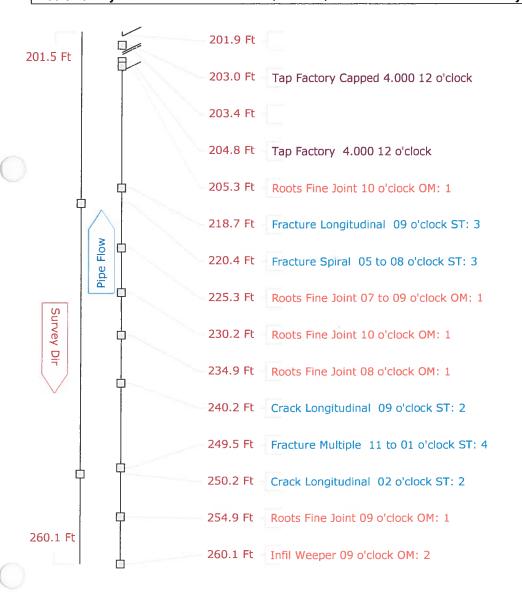


Setup 29 Surveyor TIM	Certificate	# U-307-1521 S	ystem Owner COLONY	COVE
Drainage Survey (Customer COLONY COVE			
P/O # Date	2012/04/10 Time 11:02	Street HAGUE DR	ł	
City ELLENTON	Further location detai	Is CO96063.1 319 ALKMA	AR ST	
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade	Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96063.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clean	ed 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length 280	.5 Ft Length Surveye	ed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Stru	ctural O&M	Constructional
Location Easement/Right of Way		Misc	cellaneous Hydraulic	
Project			Work Order	
Northing 1164073.248	Easting 498065.311	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Acc	curacy	

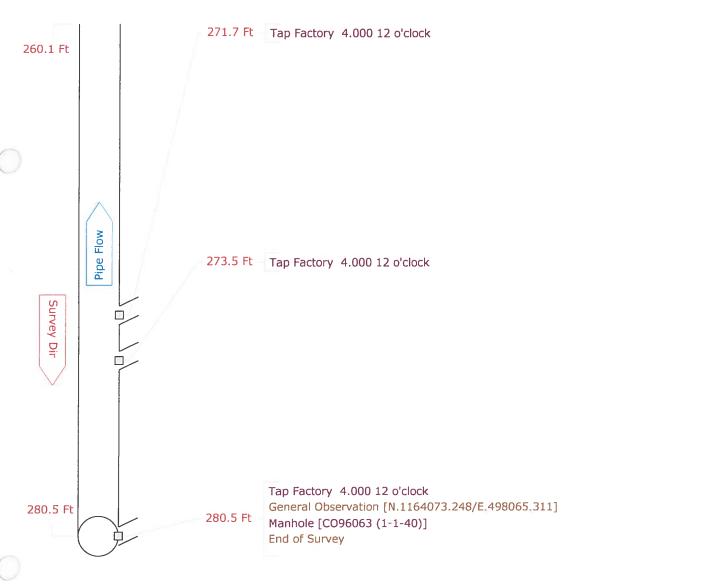


Pipe Graphic Report of PSR	CO96063 (1-1-40)	Х	for COLONY COVE INITIAL CCTV SANITAR
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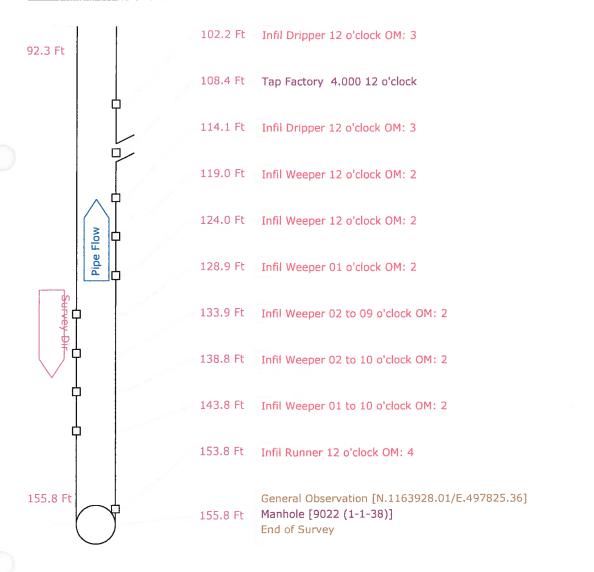
Setup 29 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Sustomer COLONY COVE			
P/O # Date	2012/04/10 Time 11:02	Street HAGU	E DR	
City ELLENTON	Further location detail	Is CO96063.1 319 AL	KMAAR ST	
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade	Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96063.1
Shape Circular	Height 8 Width	ins Preclea	n J Year Clea	ned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length	280.5 Ft Length Survey	ed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1164073.248	Easting 498065.311	Elevat	ion	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	Accuracy	



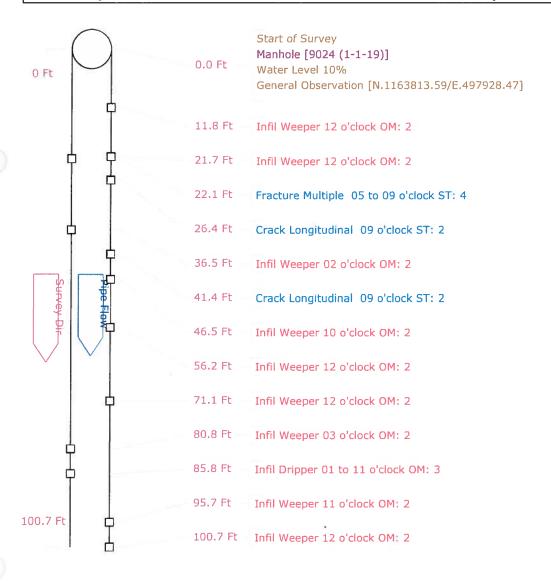
Setup 29 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Surve	y Customer COLONY COVE	:		
P/O # Date	e 2012/04/10 Time 11:0	2 Street HAGUE D	R	
City ELLENTON	Further location detai	Is CO96063.1 319 ALKM	AAR ST	
Start 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade	Ft
Finish CO96063 (1-1-40)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96063.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clea	ned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length 28	0.5 Ft Length Survey	ed 280.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Str	uctural O&M	Constructional
Location Easement/Right of Way	•	Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1164073.248	Easting 498065.311	Elevation		
Coordinate System US STATE	PLANE1983 (NAD 1983)	GPS A	ccuracy	



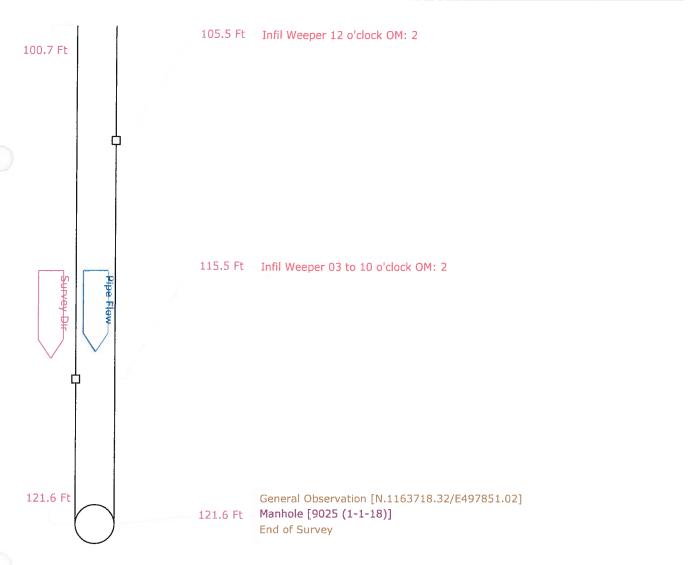
Setup 30 Surveyor TIM	Certificate i	# U-307-1521 Sy s	tem Owner COLONY COVE
Drainage Survey C	ustomer COLONY COVE		
P/O # Date	2012/04/10 Time 12:56	Street HAGUE DR	
City ELLENTON	Further location detail	s 9022.1 303 HOLLAND ST	
Start 9024 (1-1-19))	Rim to invert 6.50	Grade to invert	Rim to grade Ft
Finish 9022 (1-1-38)	Rim to invert 9.70	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No 9022.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/10
Material Vitrified Clay Pipe	Joint length	Ft Total length 155.8	Ft Length Surveyed 155.80
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info NORTHWEST		Structi	ral O&M Constructional
Location Easement/Right of Way		Miscel	aneous Hydraulic
Project			Work Order
Northing 1163928.01	Easting 497825.36	Elevation	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accu	racy



Pipe Grapine Report of	F3K 9024 (1-1-	19) ^	101 00	COVE INITIAL C	OT V ONIVITA
Setup 31 Surveyor	TIM	Certificate #	U-307-1521	System Owner COLONY	COVE
Drainage S	urvey Customer C	OLONY COVE			
P/O #	Date 2012/04/10	Time 13:49	Street HAGUE	DR	
City ELLENTON	Further I	ocation details	9024.1 314 HAGUE E	DR .	
Start 9024 (1-1-19)	Rim to i	nvert 6.50	Grade to invert	Rim to grade	Ft
Finish 9025 (1-1-18)	Rim to i	nvert 4.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Directio	n Downstream	Flow control	Media No	9024.1
Shape Circular	Heigh	t 8 Width	ins Preclean	J Year Clea	ned 2012/04/10
Material Vitrified Clay Pipe	Join	t length F	t Total length 1	21.6 Ft Length Survey	ed 121.60
Lining	Year	laid Ye	ear rehabilitated	Weather Dry	
Purpose			Cat		
Additional info SOUTHWI	EST		S	tructural O&M	Constructional
Location Easement/Right of	f Way		M	liscellaneous Hydraulic	
Project				Work Order	
Northing 1163813.59	Easting	497928.47	Elevatio	n	
Coordinate System US S	TATE PLANE1983 (NA	D 1983)	GPS A	Accuracy	

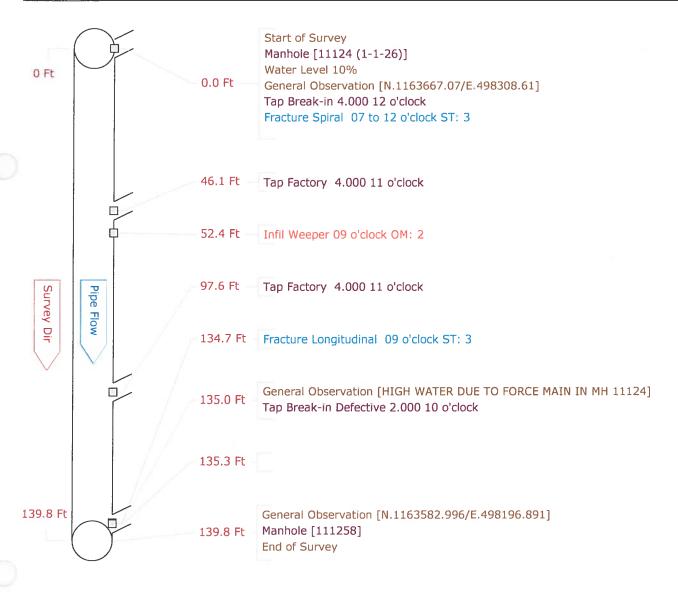


		p		002+(1 1	,									J 1 V O/ 11411/ 11
Setup	31	Surveyor	TIM		Cert	ificate	# U	I-307-15	21	Sy	stem O	wner	COLONY	COVE
Draina	ge		Survey	Customer	COLON'	Y COVE	:							
P/O #			Date	2012/04/10	Time	13:49	9	Street	HAGL	JE DR				
City	ELL	ENTON		Further	locatio	n detail	s 902	24.1 31	4 HAGU	E DR				
Start	9024	(1-1-19)		Rim to	invert	6.50	G	rade to	invert		Rin	n to gi	rade	Ft
Finish	9025	(1-1-18)		Rim to	invert	4.90	G	rade to	invert		Rin	n to gr	rade	Ft
Use S	anitary			Directio	n Dov	vnstrear	n I	Flow co	ontrol				Media No	9024.1
Shape	Circul	ar		Heigl	nt 8	Width		ins	Precle	an J			Year Clear	ned 2012/04/10
Materia	al Vitr	ified Clay Pip	e	Join	t lengti	h	Ft	Total	length	121.6	Ft	Leng	jth Surveye	ed 121.60
Lining				Yea	r laid		Year	rehab	ilitated		Weat	her	Dry	
Purpos	e						Ca	t						
Additio	nal inf	SOUTH	NEST							Struct	ural	08	kМ	Constructional
Locatio	n Eas	ement/Right	of Way							Misce	laneous	: Hy	draulic	
Project	i								,		Wor	k Orde	er	
Northin	ng 11	63813.59		Easting	49792	8.47			Eleva	tion				
Coordi	nate S	ystem US	STATE F	LANE1983 (N	AD 1983	3)			GP	S Accu	racy			

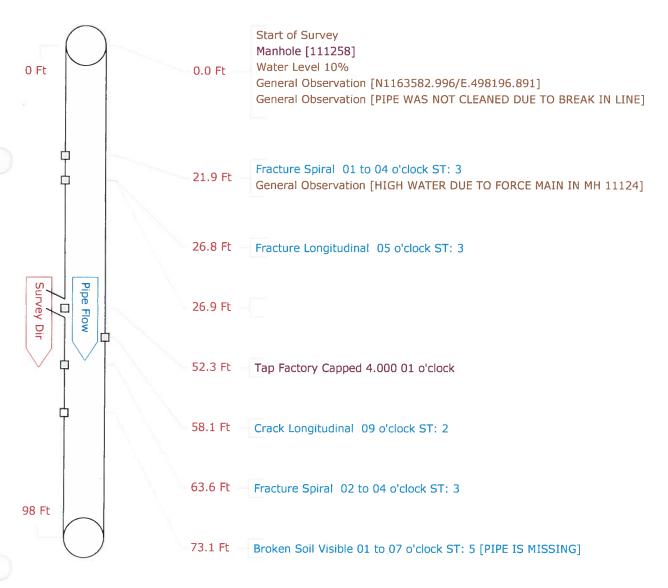


Pipe Graphic Report of PSR	11124 (1-1-26)	X	for COLONY COVE INITIAL CCTV SANITAR
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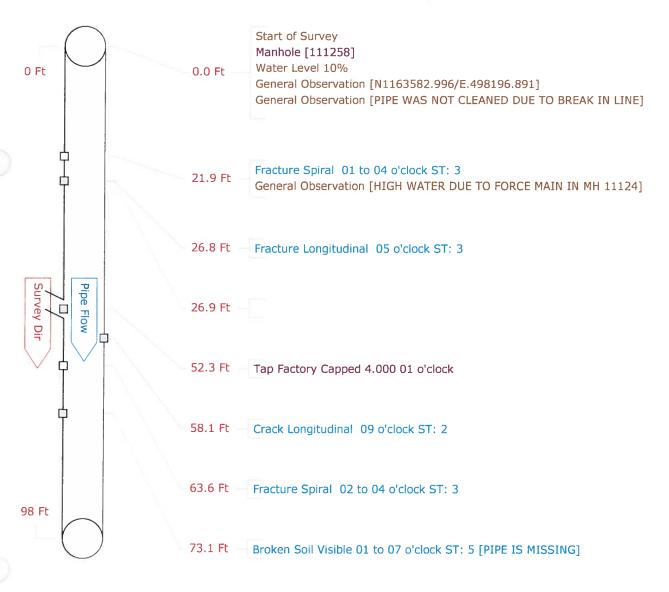
	• •			
Setup 32 Surveyor TIM	Certificate #	≠ U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/11 Time 14:48	Street DEN H	ELDER AVE	
City ELLENTON	Further location detail	s 11124.1 336 DEN H	ELDER AVE	
Start 11124 (1-1-26)	Rim to invert 2.90	Grade to invert	Rim to grade	Ft
Finish 11125B	Rim to invert 2.60	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	11124.1
Shape Circular	Height 8 Width	ins Preclea	n J Year Clear	ed 2012/04/11
Material Vitrified Clay Pipe	Joint length	Ft Total length	139.8 Ft Length Surveye	d 139.80
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1163667.07	Easting 498308.61	Elevati	on	
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS	Accuracy	



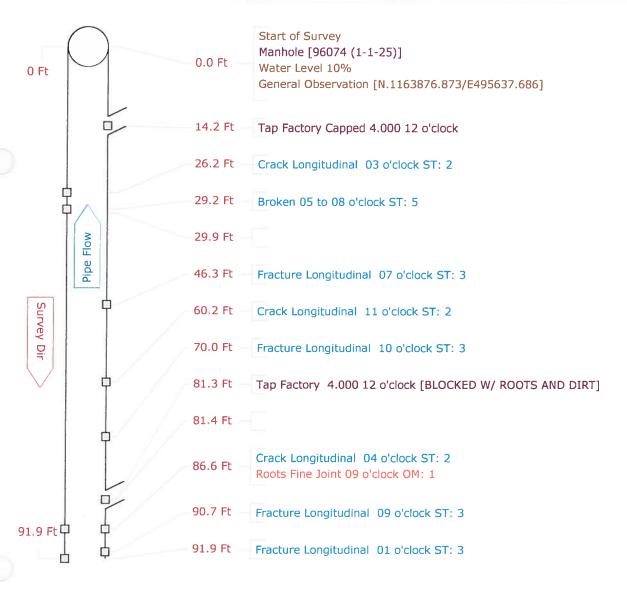
ipo Grapino Roport or i Gra				
Setup 33 Surveyor TIM	Certificate #	U-307-1521 Sy	stem Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/11 Time 15:49	Street DEN HELDE	R AVE	
City ELLENTON	Further location details	111258.1 332 DEN HELD	ER AVE	
Start 11125B	Rim to invert 2.60	Grade to invert	Rim to grade	Ft
Finish 96062 (1-1-24)	Rim to invert 2.60	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	111258.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clea	ned 2012/04/11
Material Vitrified Clay Pipe	Joint length	Ft Total length 98.0	Ft Length Survey	ed 73.10
Lining	Year laid	ear rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Struc	ural O&M	Constructional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project			Work Order	
Northing 1163582.996	Easting 498196.891	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acci	ıracy	



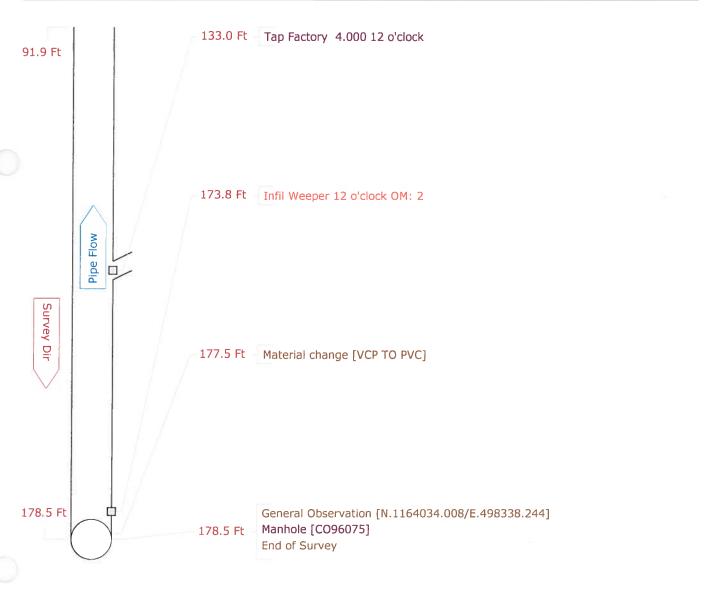
Pipe Graphic Report of PSR	111258 X	for COLONY COVI	E INITIAL CCTV SANITAR
Setup 33 Surveyor TIM	Certificate #	U-307-1521 System Own	er COLONY COVE
Drainage Survey C	Customer COLONY COVE		
P/O # Date	2012/04/11 Time 15:49	Street DEN HELDER AVE	
City ELLENTON	Further location details	111258.1 332 DEN HELDER AVE	
Start 11125B	Rim to invert 2.60	Grade to invert Rim to	grade Ft
Finish 96062 (1-1-24)	Rim to invert 2.60	Grade to invert Rim to	grade Ft
Use Sanitary	Direction Downstream	Flow control	Media No 111258.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/11
Material Vitrified Clay Pipe	Joint length	Ft Total length 98.0 Ft Le	ength Surveyed 73.10
Lining	Year laid	Year rehabilitated Weather	Dry
Purpose		Cat	
Additional info SOUTHWEST		Structural	O&M Constructional
Location Easement/Right of Way		Miscellaneous	Hydraulic
Project		Work O	rder
Northing 1163582.996	Easting 498196.891	Elevation	
Coordinate System US STATE PI	ANE1983 (NAD 1983)	GPS Accuracy	



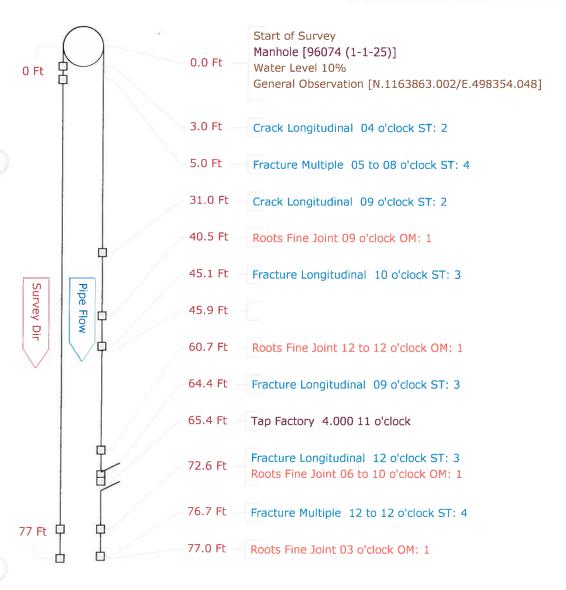
<u>'</u>			
Setup 34 Surveyor TIM	Certificate	# U-307-1521 Sy s	stem Owner COLONY COVE
Drainage Survey C	Sustomer COLONY COVE		
P/O # Date	2012/04/12	Street ALAKMAAR	ST
City ELLENTON	Further location detail	Is CO96075.1 327 ALAKMA	AR ST
Start 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Finish CO96075	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96075.
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/1
Material Vitrified Clay Pipe	Joint length	Ft Total length 178.5	Ft Length Surveyed 178.50
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info NORTH		Struct	ural O&M Construction
Location Easement/Right of Way		Misce	laneous Hydraulic
Project		<u> </u>	Work Order
Northing 1164034.008	Easting 498338.244	Elevation	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accu	racy



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Setup 34 Surveyor TIM	Certificate #	U-307-1521 Syste	m Owner COLONY COVE
Drainage Survey Cu	ustomer COLONY COVE		
P/O # Date 2	2012/04/12 Time 12:17	Street ALAKMAAR ST	
City ELLENTON	Further location detail	s CO96075.1 327 ALAKMAAR	ST
Start 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Finish CO96075	Rim to invert	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Upstream	Flow control	Media No CO96075.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/12
Material Vitrified Clay Pipe	Joint length	Ft Total length 178.5	Ft Length Surveyed 178.50
Lining	Year laid	Year rehabilitated W	leather Dry
Purpose		Cat	
Additional info NORTH		Structura	O&M Constructional
Location Easement/Right of Way		Miscellan	eous Hydraulic
Project			Work Order
Northing 1164034.008	Easting 498338.244	Elevation	
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Accura	ey .

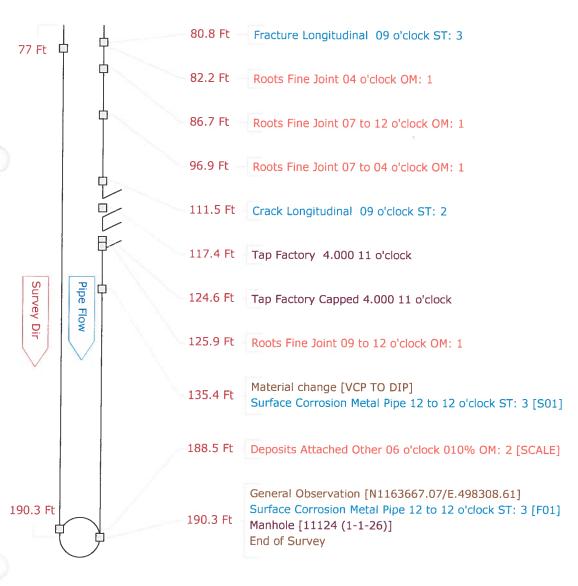


Setup 35 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY C	COVE
Drainage Survey C	ustomer COLONY COVE	:		
P/O # Date	2012/04/12 Time 13:1	Street ALAKMAA	AR ST	
City ELLENTON	Further location detai	ls 96074.1 333 ALAKMA	AR ST	
Start 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade	Ft
Finish 11124 (1-1-26)	Rim to invert 2.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrea	m Flow control	Media No	96074.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clean	ed 2012/04/12
Material Vitrified Clay Pipe	Joint length	Ft Total length 19	0.3 Ft Length Surveye	d 190.30
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Str	ructural O&M	Constructional
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1163863.002	Easting 498354.048	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	ccuracy	

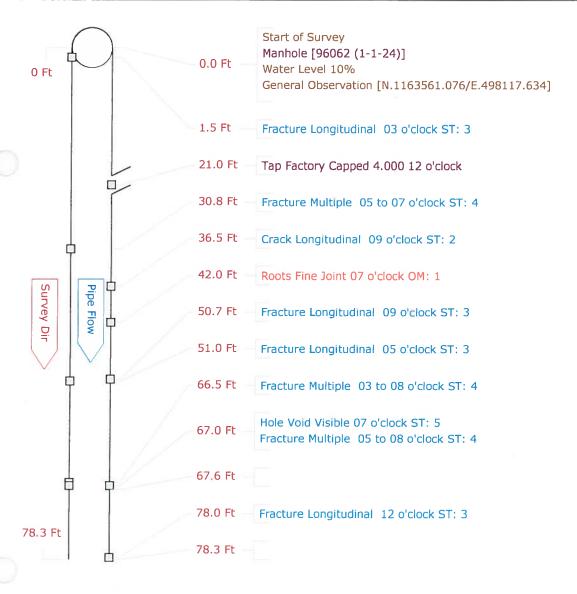


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Setup 35 Surveyor Ti	M Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Su	rvey Customer COLONY COV	E		
P/O #	Date 2012/04/12 Time 13:1	3 Street ALAKMAA	R ST	
City ELLENTON	Further location deta	ils 96074.1 333 ALAKMAA	AR ST	
Start 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade	Ft
Finish 11124 (1-1-26)	Rim to invert 2.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrea	m Flow control	Media No	96074.1
Shape Circular	Height 8 Widt	h ins Preclean	Year Clear	ned 2012/04/12
Material Vitrified Clay Pipe	Joint length	Ft Total length 190	0.3 Ft Length Surveye	ed 190.30
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Stru	uctural O&M	Constructional
Location Easement/Right of V	V ay	Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1163863.002	Easting 498354.048	Elevation		
Coordinate System US STA	ATE PLANE1983 (NAD 1983)	GPS Ac	curacy	

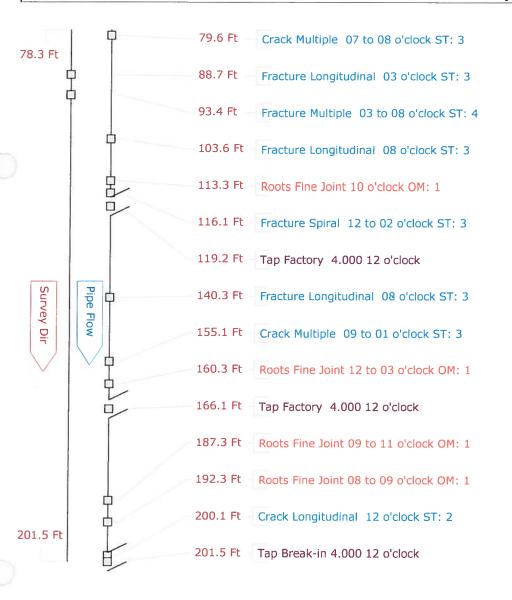


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Setup 36 Surveyor TIM	Certificate :	¥ U-307-1521	System Owner COLONY (COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/13 Time 8:55	Street DEN H	ELDER AVE	
City ELLENTON	Further location detail	s 96062.1 330 DEN H	IELDER AVE	
Start 96062 (1-1-24)	Rim to invert 2.60	Grade to invert	Rim to grade	Ft
Finish 9025 (1-1-18)	Rim to invert 4.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	n Flow control	Media No	96062.1
Shape Circular	Height 8 Width	ins Preclea	n J Year Clean	ed 2012/04/13
Material Vitrified Clay Pipe	Joint length	Ft Total length	306.2 Ft Length Surveye	d 306.20
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST			Structural O&M	Constructiona
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		La	Work Order	
Northing 1163561.076	Easting 498117.634	Elevati	on	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	Accuracy	

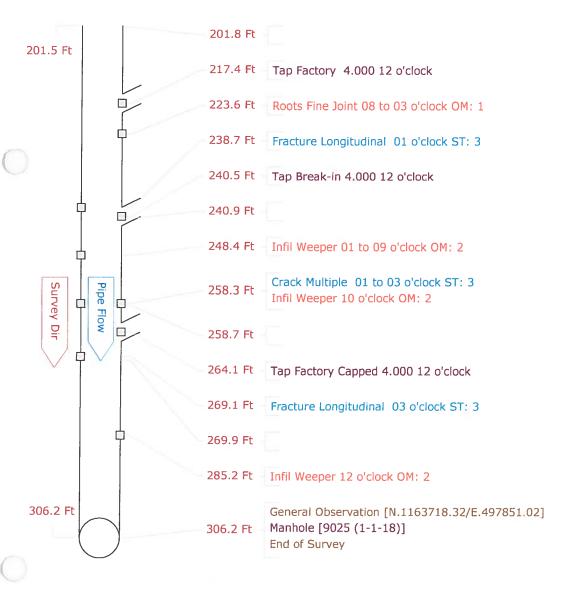


Pipe Graphic Report of PSR	96062 (1-1-24)	X	for COLONY COVE INITIAL CCTV SANITAR
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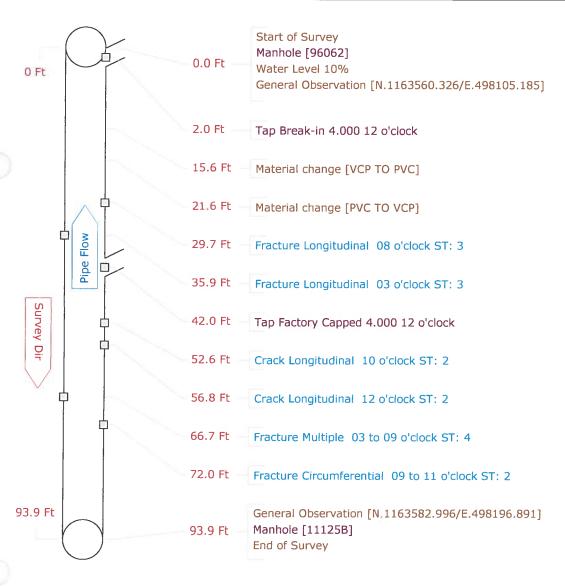
Setup 36 Surveyor TIM	Certificate :	# U-307-1521	System Owner COLONY C	OVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/13 Time 8:55	Street DEN HEL	DER AVE	
City ELLENTON	Further location detail	s 96062.1 330 DEN HEL	DER AVE	
Start 96062 (1-1-24)	Rim to invert 2.60	Grade to invert	Rim to grade	Ft
Finish 9025 (1-1-18)	Rim to invert 4.90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	Flow control	Media No	96062.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clean	ed 2012/04/13
Material Vitrified Clay Pipe	Joint length	Ft Total length 30	6.2 Ft Length Surveye	d 306.20
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST		Str	ructural O&M	Constructional
Location Easement/Right of Way		Mi	scellaneous Hydraulic	
Project			Work Order	
Northing 1163561.076	Easting 498117.634	Elevation	1	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	ccuracy	



	pont on ton	(
Setup 36 Su	rveyor TIM		Certificate	# U-307-1521	System Owner	COLONY COVE
Drainage	Survey C	ustomer (COLONY COVE	=		
P/O #	Date	2012/04/13	Time 8:55	Street DEN	HELDER AVE	
City ELLENT	ON	Further	location deta	ils 96062.1 330 DEN	HELDER AVE	
Start 96062 (1-1	-24)	Rim to i	nvert 2.60	Grade to inver	Rim to g	rade Ft
Finish 9025 (1-1-1	18)	Rim to i	nvert 4.90	Grade to inver	Rim to g	rade Ft
Use Sanitary		Directio	n Downstrea	m Flow control		Media No 96062.1
Shape Circular		Heigh	nt 8 Widtl	n ins Precle	ean J	Year Cleaned 2012/04/13
Material Vitrified	Clay Pipe	Join	t length	Ft Total length	306.2 Ft Leng	gth Surveyed 306.20
Lining		Year	laid	Year rehabilitated	Weather	Dry
Purpose				Cat		
Additional info	ORTHWEST				Structural O8	&M Constructiona
Location Easeme	nt/Right of Way				Miscellaneous Hy	/draulic
Project					Work Orde	er
Northing 116356	1.076	Easting	498117.634	Eleva	ntion	
Coordinate System	m US STATE PL	ANE1983 (NA	AD 1983)	GF	S Accuracy	

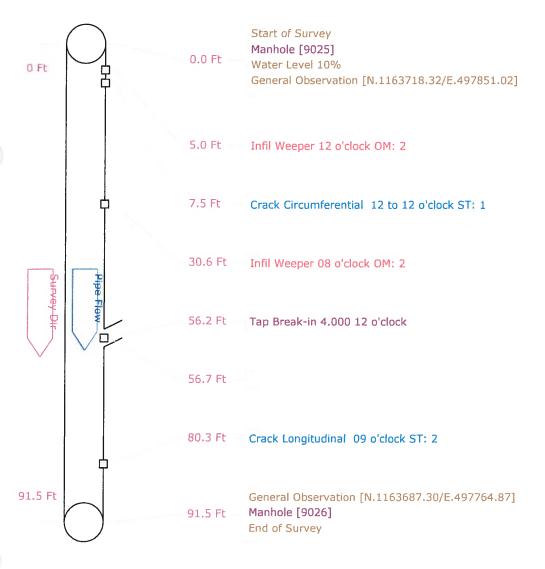


i ipe Grapine Report of Fort	111200 A	IOI COLONI COVE INITIAL C	JIV OKINITAI
Setup 37 Surveyor TIM	Certificate #	U-307-1521 System Owner COLONY	COVE
Drainage Survey C	Sustomer COLONY COVE		
P/O # Date	2012/04/13 Time 12:49	Street DEN HELDER AVE	
City ELLENTON	Further location details	s 111258.1 332 DEN HELDER AVE	
Start 96062 (1-1-24)	Rim to invert 2.60	Grade to invert Rim to grade	Ft
Finish 11125B	Rim to invert 2.60	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media No	111258.1
Shape Circular	Height 8 Width	ins Preclean J Year Clean	ned 2012/04/13
Material Vitrified Clay Pipe	Joint length	Ft Total length 93.9 Ft Length Surveyo	ed 93.90
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info NORTHEAST		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1163582.996	Easting 498196.891	Elevation	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accuracy	



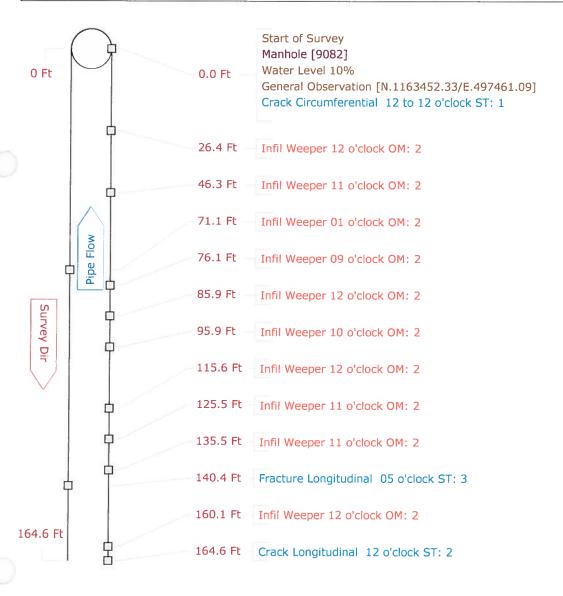
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Setup 38 Surveyor TIM	Certificate #	U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/13 Time 13:42	Street DEN HEL	DER AVE	
City ELLENTON	Further location details	s 9025.1 320 DEN HELD	DER AVE	
Start 9025 (1-1-18)	Rim to invert 4.90	Grade to invert	Rim to grade	Ft
Finish 9026 (1-1-16)	Rim to invert 5.00	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	9025.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clea	ned 2012/04/13
Material Vitrified Clay Pipe	Joint length	Ft Total length 91	.5 Ft Length Survey	ed 91.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info WEST		Str	ructural O&M	Constructional
Location Easement/Right of Way		Mi	scellaneous Hydraulic	
Project		L	Work Order	
Northing 1163718.32	Easting 497851.02	Elevation	1	
Coordinate System US STATE PL	_ANE1983 (NAD 1983)	GPS A	ccuracy	

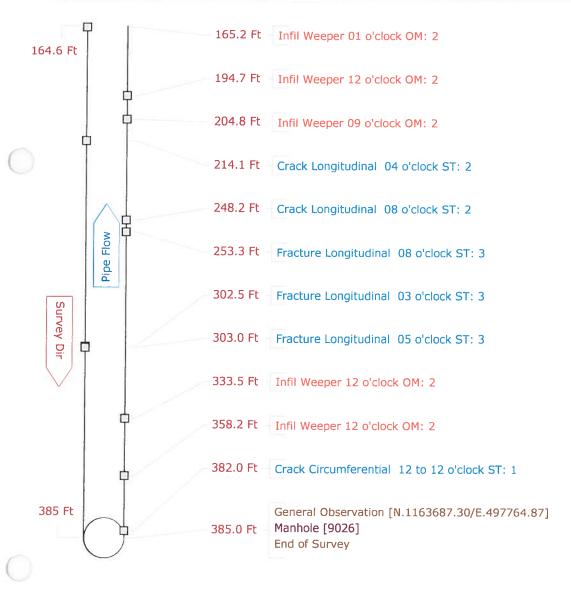


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Setup 39 Surveyor TIM	Certificate :	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Cu	ustomer COLONY COVE			
P/O # Date 2	2012/04/13 Time 14:19	Street SUTRECH	HT ST	
City ELLENTON	Further location detail	s 9026.1 313 S UTRECH	T ST	
Start 9082 (1-1-1)	Rim to invert 6.70	Grade to invert	Rim to grade	Ft
Finish 9026 (1-1-16)	Rim to invert 5.00	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9026.1
Shape Circular	Height 8 Width	ins Preclean	Year Clea	ned 2012/04/13
Material Vitrified Clay Pipe	Joint length	Ft Total length 385	5.0 Ft Length Survey	ed 385.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Str	uctural O&M	Constructional
Location Easement/Right of Way		Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1163687.30	Easting 497764.87	Elevation		
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Ac	curacy	

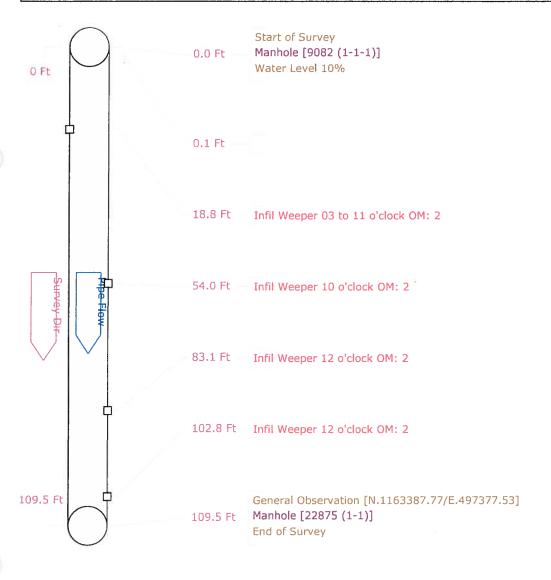


Setup 39 Surveyor TIM	Certificate #	U-307-1521 System Owner COL	ONY COVE
Drainage Survey Cu	ustomer COLONY COVE		
P/O # Date 2	2012/04/13 Time 14:19	Street S UTRECHT ST	
City ELLENTON	Further location details	s 9026.1 313 S UTRECHT ST	
Start 9082 (1-1-1)	Rim to invert 6.70	Grade to invert Rim to grade	Ft
Finish 9026 (1-1-16)	Rim to invert 5.00	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media	No 9026.1
Shape Circular	Height 8 Width	ins Preclean J Year	Cleaned 2012/04/13
Material Vitrified Clay Pipe	Joint length	Ft Total length 385.0 Ft Length Su	rveyed 385.00
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info NORTHEAST		Structural O&M	Constructiona
Location Easement/Right of Way		Miscellaneous Hydraulio	;
Project		Work Order	
Northing 1163687.30	Easting 497764.87	Elevation	
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Accuracy	



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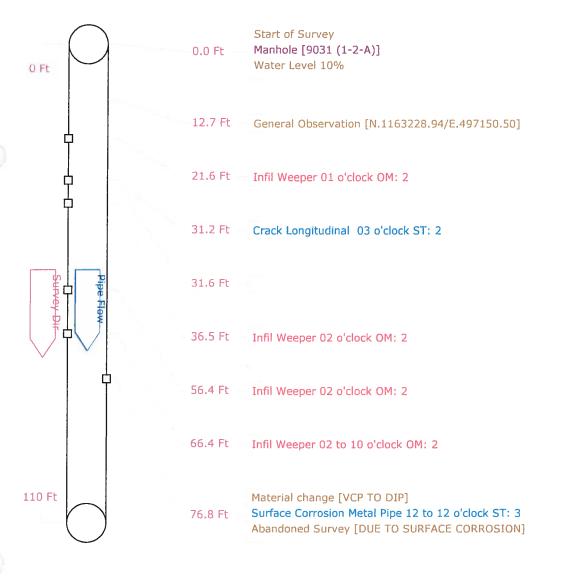
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Setup 40 Surveyor TIM	Certificate a	# U-307-1521 Syst e	em Owner COLONY COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/04/16	Street SUTRECHT ST	•
City ELLENTON	Further location detail	s 9026.1 202 S UTRECHT ST	
Start 9082 (1-1-1)	Rim to invert 6.70	Grade to invert	Rim to grade Ft
Finish 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstrear	Flow control	Media No 9082.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 109.5	Ft Length Surveyed 109.50
Lining	Year laid	Year rehabilitated V	Veather Dry
Purpose		Cat	
Additional info SOUTHWEST		Structura	I O&M Constructiona
Location Easement/Right of Way		Miscellar	neous Hydraulic
Project			Work Order
Northing 1163452.33	Easting 497461.06	Elevation	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Accura	су



Pipe Gra	phic Repo	rt of PSR	9031 (1-2-A)	X
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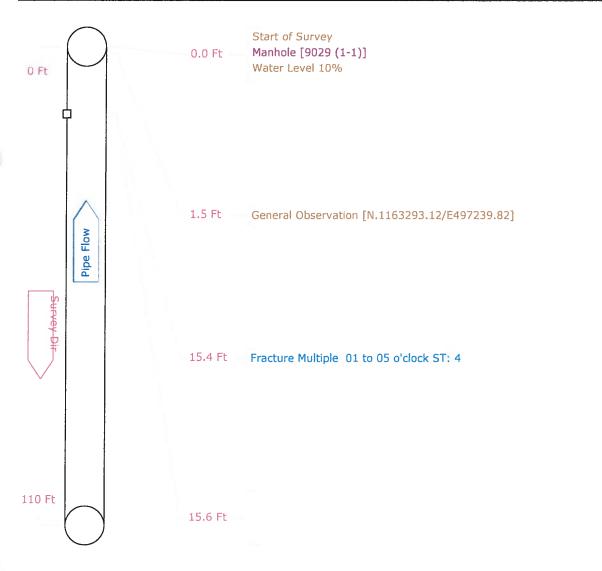
for COLONY COVE INITIAL CCTV SANITAR'

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Setup	41/42 Surveyo	r TIM		Certi	ificate #	# U-307-1	521	System	Owner	COLONY	COVE
Drainag	je	Survey	Customer	COLONY	COVE						
P/O #		Date	2012/04/16	Time	8:55	Stree	t AMS	TERDAM AV	Ξ		
City	ELLENTON		Further	location	n detail	s 9031.1 21	I7 AMST	ERDAM AVE			
Start	9031 (1-2-A)		Rim to	invert	5.90	Grade t	o invert	: F	Rim to g	rade	Ft
Finish	9029 (1-1)		Rim to	invert	5.30	Grade t	o invert	: F	Rim to g	rade	Ft
Use S	anitary		Directio	n Dow	vnstrean	n Flow o	ontroi			Media No	9031.1
Shape	Circular		Heigl	nt 8	Width	ins	Precle	an J		Year Clea	ned 2012/04/02
Materia	Vitrified Clay P	ipe	Join	t length	1	Ft Tota	ıl length	110.0 F 1	Len	gth Survey	ed 76.80
Lining			Yea	r iaid		Year rehat	oilitated	We	ather	Dry	
Purpos	e					Cat					
Additio	nai info NORTI	HEAST						Structural	O	&M	Constructional
Locatio	n Easement/Rigi	nt of Way						Miscellane	ous Hy	ydraulic	
Project								w	ork Ord	er	
Northin	g 1163228.94		Easting	497150	0.50		Eleva	ıtion			
Coordin	nate System U	S STATE F	PLANE1983 (N	AD 1983)		GP	S Accuracy			



JTV INC. Phone: (727)528-1998 Page 1 of 1

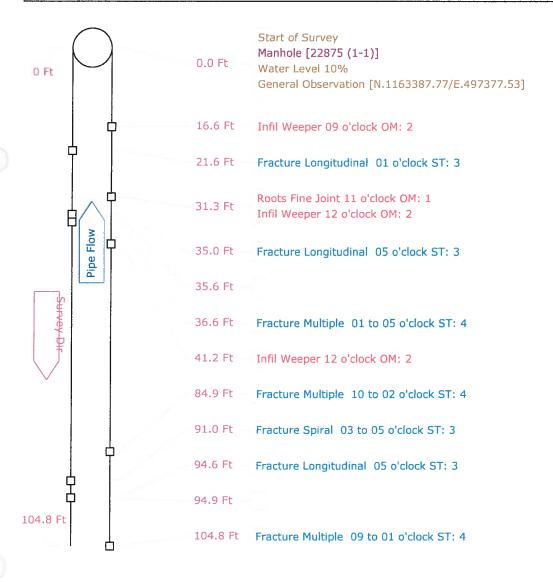
-po orapino raportori ori				
Setup 42/41 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/16 Time 9:19	Street AMST	ERDAM AVE	
City ELLENTON	Further location detai	is 9031,1 217 AMSTI	ERDAM AVE	
Start 9029 (1-1)	Rim to invert 5,30	Grade to invert	Rim to grade	Ft
Finish 9031 (1-2-A)	Rim to invert 5,90	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9031,1
Shape Circular	Height 8 Width	ins Precie	an J Year Clea	ned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length	110.0 Ft Length Survey	ed 15.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info Reverse set up or	sheet:41		Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		•	Work Order	
Northing 1163228,94	Easting 497150,50	Eleva	tion	
Coordinate System US STATE F	PLANE1983 (NAD 1983)	GP:	S Accuracy	



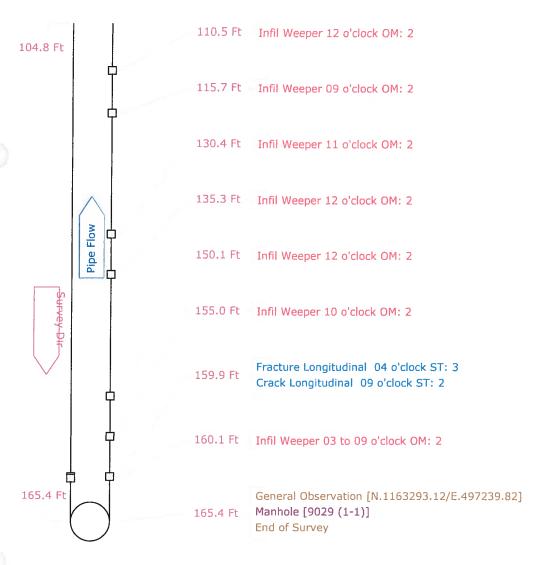
JTV INC. Phone: (727)528-1998 Page 1 of 1

Pipe Graphic Report of PSR	9029 (1-1)	X	for COLONY COVE INITIAL CCTV SANITAR'
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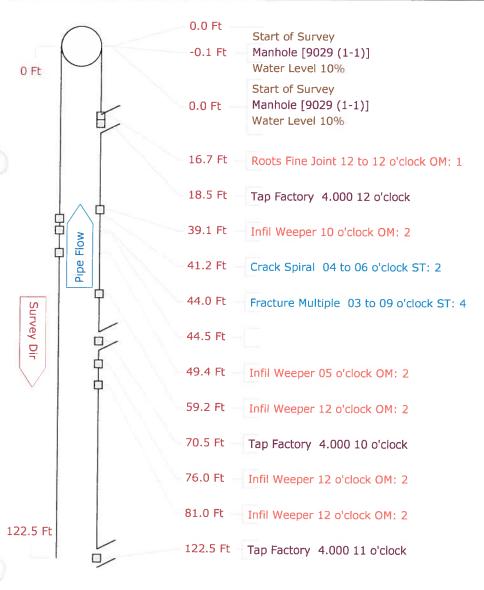
Setup 43 Surveyor TIM	Certificate #	U-307-1521 System Owner COL	ONY COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/04/16 Time 9:46	Street AMELO AVE	
City ELLENTON	Further location details	9029.1 214 AMELO AVE	
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert Rim to grade	Ft
Finish 9029 (1-1)	Rim to invert 5.10	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media	No 9029.1
Shape Circular	Height 8 Width	ins Preclean J Year	Cleaned 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 165.4 Ft Length St	irveyed 165.40
Lining	Year laid	fear rehabilitated Weather Dry	
Purpose		Cat	
Additional info SOUTHWEST		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydrauli	C
Project		Work Order	
Northing 1163452.33	Easting 497461.06	Elevation	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Accuracy	



Setup 43 Surveyor TIM	Certificate :	¥ U-307-1521 Sy	stem Owner COLONY CO	VE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/16 Time 9:46	Street AMELO AVE		
City ELLENTON	Further location detail	s 9029.1 214 AMELO AVE		
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade	Ft
Finish 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	9029.1
Shape Circular	Height 8 Width	ins Preclean J	Year Cleaned	2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 165.4	Ft Length Surveyed	165.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Struc	tural O&M C	onstructiona
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project		<u> </u>	Work Order	
Northing 1163452.33	Easting 497461.06	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Acc	ıracy	



			NOTE HATTINE OF	J . V O, VI
Setup 44 Surveyor TIM	Certificate	# U-307-1521 S y	stem Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE	:		
P/O # Date	2012/04/16 Time 12:03	Street AMELO AVE	.	
City ELLENTON	Further location detai	Is CO96060.1 214 AMELO	AVE	
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish CO96060	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96060.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clear	red 2012/04/16
Material Vitrified Clay Pipe	Joint length	Ft Total length 137.9	Ft Length Surveye	ed 137.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misce	ellaneous Hydraulic	
Project		<u> </u>	Work Order	
Northing 1163192.089	Easting 497323.355	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	uracy	

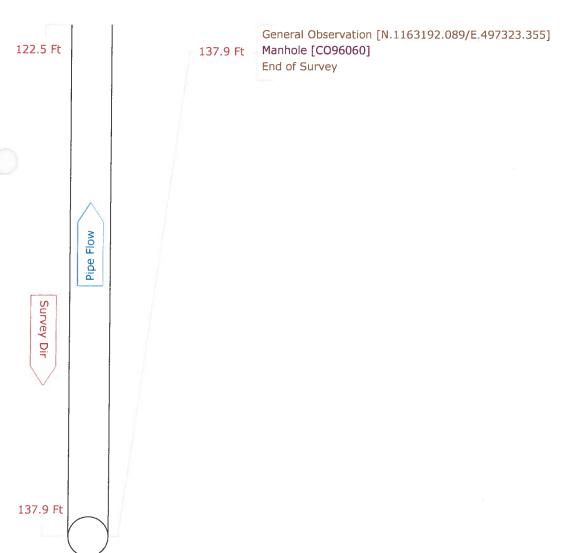


Pipe Graphic	Report of PS	R CO96060
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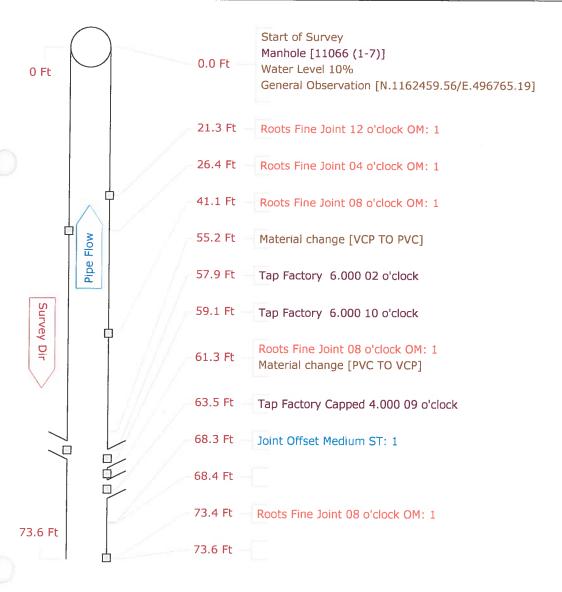
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for COLONY COVE INITIAL CCTV SANITAR

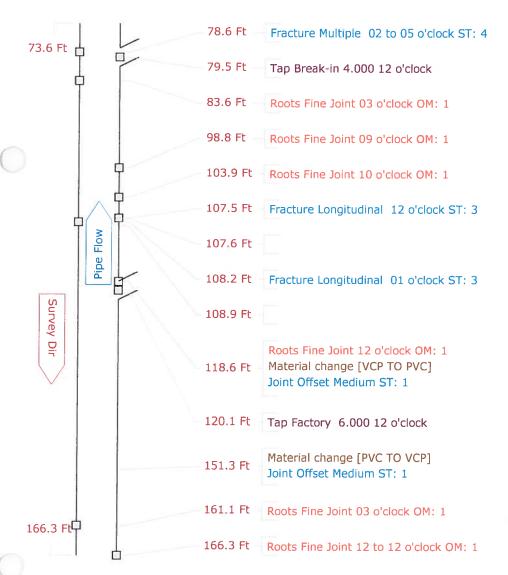
		<u>-</u>											
Setup	44	Surveyor	TIM		Certifi	icate #	U-307-1	521	Sys	stem O	wner	COLONY	COVE
Draina	ge		Survey	Customer	COLONY	COVE							
P/O #			Date	2012/04/16	Time	12:03	Street	AMEL	O AVE				
City	EL	LENTON		Further	location	details	s CO96060.	1 214 AI	MELO A	VE			
Start	9029	(1-1)		Rim to	invert (5.10	Grade to	invert		Rin	ı to gr	ade	Ft
Finish	CO96	8060		Rim to	invert		Grade to	invert		Rin	n to gr	ade	Ft
Use S	anitary	1		Directio	n Upstr	eam	Flow c	ontrol	, ,		- 1	Media No	CO96060.1
Shape	Circu	lar		Heigl	nt 8 \	Width	ins	Precie	an J			Year Clear	red 2012/04/16
Materia	al Vit	rified Clay Pip	е	Join	t length		Ft Total	length	137.9	Ft	Leng	th Surveye	ed 137.90
Lining				Yea	r laid	,	Year rehab	ilitated		Weat	ner	Dry	
Purpos	e						Cat						
Additio	nal in	fo SOUTH							Structi	ıral	08	M	Constructional
Locatio	n Ea	sement/Right	of Way						Miscel	laneous	Hy.	draulic	
Project	t							'		Worl	k Orde	r	
Northin	ng 1	163192.089		Easting	497323.	355		Eieva	tion				
Coordi	nate S	ystem US	STATE F	PLANE1983 (N	AD 1983)			GP	S Accu	racy			



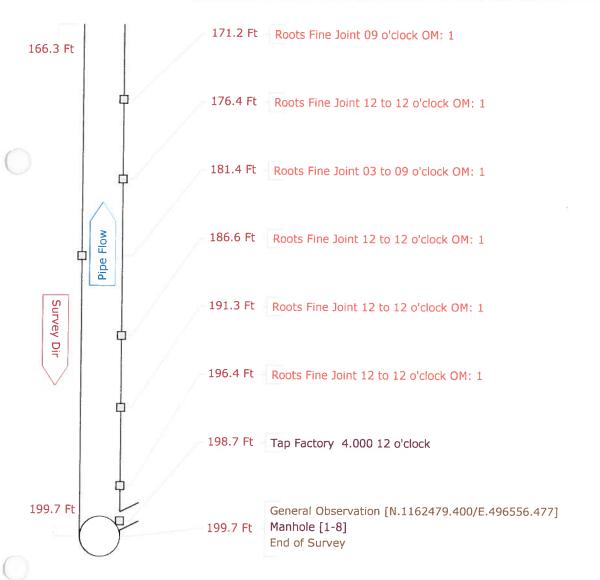
Setup 45 Surveyor TIM	Certificate :	# U-307-1521	System Owner COLONY C	OVE
Drainage Survey Cu	stomer COLONY COVE			
P/O # Date 2	012/04/17 Time 11:04	Street DENMAR	(DR	
City ELLENTON	Further location detail	s 1-8.1 189 DENMARK D)R	
Start 11066 (1-7)	Rim to invert 2.40	Grade to invert	Rim to grade	Ft
Finish 1-8	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	1-8.1
Shape Circular	Height 8 Width	ins Preclean	Year Cleane	ed 2012/04/17
Material Vitrified Clay Pipe	Joint length	Ft Total length 199	9.7 Ft Length Surveyed	199.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info WEST		Stru	uctural O&M	Constructional
Location Easement/Right of Way		Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1162479.400	Easting 496556.477	Elevation		
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS Ac	curacy	



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Setup 45 Surveyor TIM	Certificate #	# U-307-1521	System Owner COLONY Co	OVE
Drainage Survey Cu	stomer COLONY COVE			
P/O # Date 2	012/04/17 Time 11:04	Street DENMAR	KDR	
City ELLENTON	Further location detail	s 1-8.1 189 DENMARK I	OR .	
Start 11066 (1-7)	Rim to invert 2.40	Grade to invert	Rim to grade	Ft
Finish 1-8	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	1-8.1
Shape Circular	Height 8 Width	ins Preclean	J Year Cleane	d 2012/04/17
Material Vitrified Clay Pipe	Joint length	Ft Total length 19	9.7 Ft Length Surveyed	199.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info WEST		Str	uctural O&M	Constructiona
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1162479.400	Easting 496556.477	Elevation		
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS A	curacy	

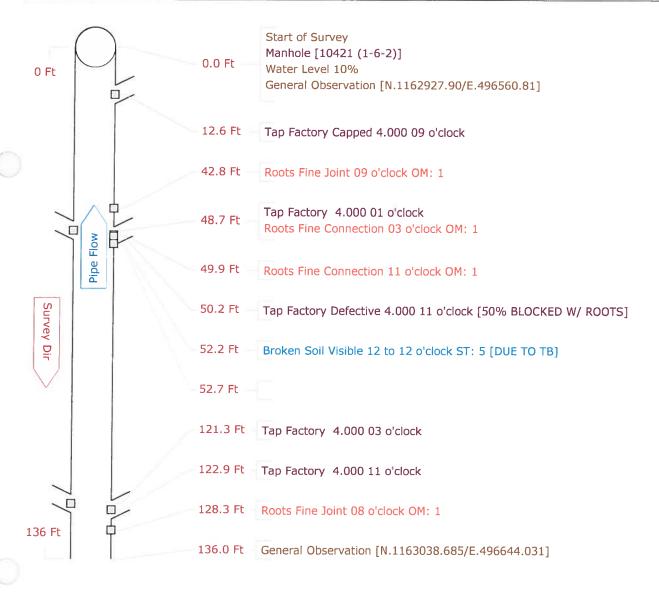


Setup 45 Surveyor TIM	Certificate	# U-307-1521 Sy	stem Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE	_		
P/O # Date	2012/04/17 Time 11:04	Street DENMARK D	R	
City ELLENTON	Further location detail	s 1-8.1 189 DENMARK DR		
Start 11066 (1-7)	Rim to invert 2.40	Grade to invert	Rim to grade	Ft
Finish 1-8	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	1-8.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clea	ned 2012/04/17
Material Vitrified Clay Pipe	Joint length	Ft Total length 199.7	Ft Length Survey	ed 199.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info WEST		Struct	ural O&M	Constructiona
Location Easement/Right of Way		Misce	laneous Hydraulic	
Project			Work Order	
Northing 1162479.400	Easting 496556.477	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accu	racy	

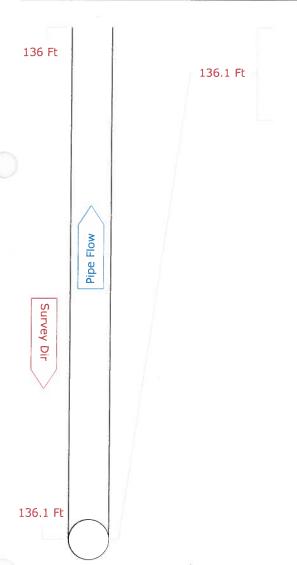


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Setup 46 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Cust	tomer COLONY COVE	E		
P/O # Date 201	2/04/17 Time 12:35	Street DENM	IARK DR	
City ELLENTON	Further location detail	ls CO 11846.1 200 D	ENMARK DRIVE	
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade	Ft
Finish CO 11846	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO 11846.1
Shape Circular	Height 6 Width	ins Preclea	an J Year Clear	ned 2012/04/17
Material Vitrified Clay Pipe	Joint length	Ft Total length	136.1 Ft Length Surveye	ed 136.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH			Structural O&M	Constructional
Location Yard			Miscellaneous Hydraulic	
Project INITIAL CCTV SANITARY 2012	!	L	Work Order	
Northing 1163038.685	Easting 496644.031	Eleva	tion	
Coordinate System US STATE PLAN	E1983 (NAD 1983)	GPS	S Accuracy	

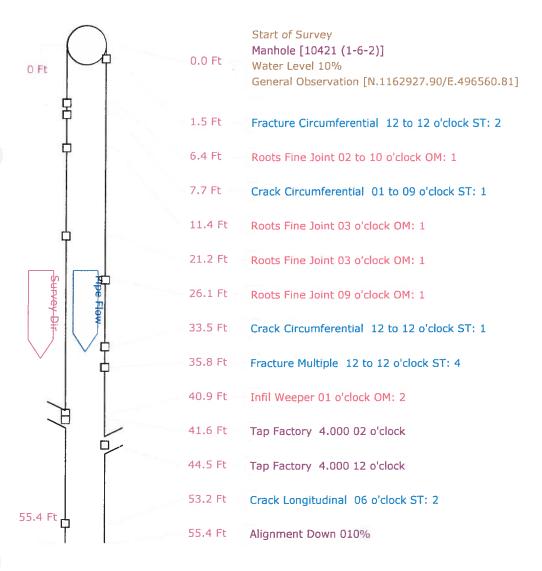


Setup	46 Survey	or TIM		Certificate	# U-307-	1521	System	Owner CO	LONY COVE
Drainaç	ge	Survey	Customer C	COLONY COV	Έ				
P/O #		Date	2012/04/17	Time 12:	35 Stre	et DENI	MARK DR		
City	ELLENTON		Further	ocation deta	ils CO 1184	16.1 200 E	DENMARK DR	IVE	
Start	10421 (1-6-2)		Rim to i	nvert 3.30	Grade	to invert	Ri	im to grade	Ft
Finish	CO 11846		Rim to i	nvert	Grade	to invert	: Ri	im to grade	Ft
Use S	anitary		Directio	n Upstream	Flow	control		Med	ia No CO 11846
Shape	Circular		Heigh	t 6 Widt	h ins	Precle	an J	Yea	r Cleaned 2012/04/1
Materia	I Vitrified Clay	Pipe	Join	t length	Ft Tot	al length	136.1 Ft	Length S	Surveyed 136.60
Lining			Year	laid	Year reha	bilitated	Wea	ther Dry	
Purpos	е				Cat				
Additio	nal info NOR	TH					Structural	O&M	Construction
Locatio	n Yard						Miscellaneou	ıs Hydraul	lic
Project	INITIAL CCTV	SANITARY	2012				Wo	rk Order	·
Northin	g 1163038.6	5	Easting	496644.031		Eleva	ition		
Coordir	nate System	US STATE	PLANE1983 (NA	D 1983)		GP	S Accuracy		



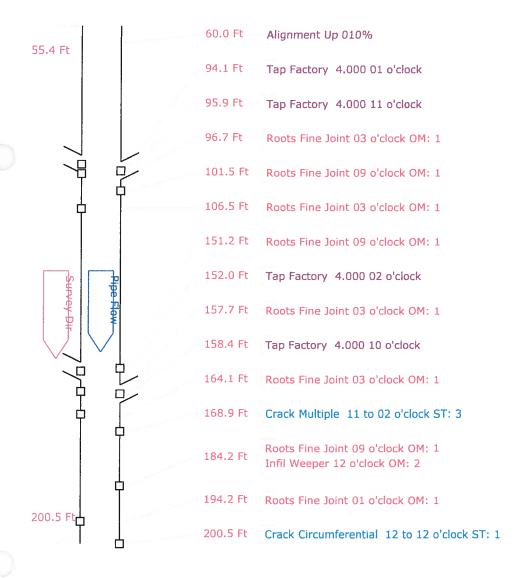
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ripe Gi	apıııc	Neport	JI FOR	10421 (1-6	-2)			101	COLOI	<u> </u>	A E 1141	HAL C	CIV SANITAR
Setup	47	Surveyor	TIM		Cert	tificate	# U-307-15	521	Sys	tem O	wner C	OLONY	COVE
Drainag	je		Survey	Customer (COLON	Y COVE							
P/O #			Date	2012/04/17	Tim	e 13:30	3 Street	DEN	MARK DI	₹			
City	ELL	ENTON		Further	locatio	n detail	ls 10421.1 2	00 DEN	MARK D	R			
Start	10421	(1-6-2)		Rim to	nvert	3.30	Grade to	inver	t	Rin	n to grac	le	Ft
Finish	11064	(1-6-1)		Rim to	nvert	3.70	Grade to	invert	t	Rin	to grad	le	Ft
Use Sa	anitary			Directio	n Do	wnstre a r	n Flow c	ontrol			Me	edia No	10421.1
Shape	Circula	ar		Heigh	nt 6	Width	ins	Precle	ean J		Ye	ear Clea	ned 2012/04/17
Materia	I Vitri	fied Clay Pip	e	Join	t lengt	h	Ft Total	length	204.6	Ft	Length	Survey	ed 204.60
Lining				Yea	laid		Year rehab	ilitated	l	Weat	her Dr	y	
Purpos	е						Cat						
Additio	nal inf	SOUTH							Structu	ıral	O&M		Constructional
Locatio	n Eas	ement/Right	of Way						Miscell	aneous	Hydra	aulic	
Project										Worl	k Order		
Northin	g 110	62927.90		Easting	49656	0.81		Eleva	ation				
Coordin	nate Sy	stem US	STATE P	LANE1983 (N	AD 1983	3)		GF	S Accu	racy			



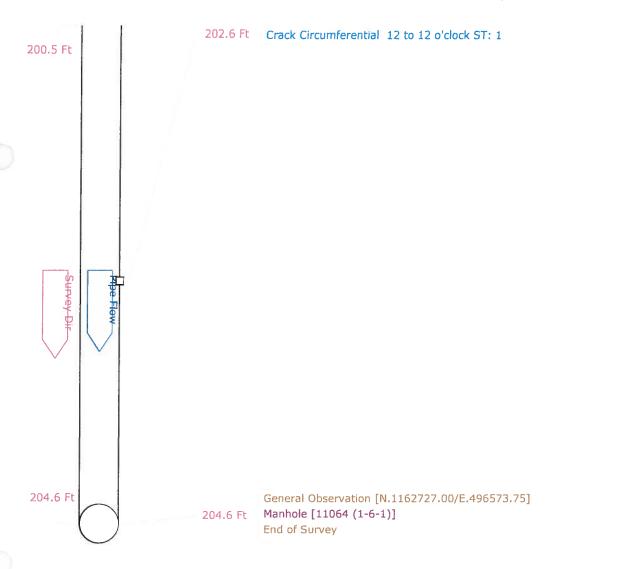
Pipe Graphic Report of PSR	10421 (1-6-	2) X	for	COLONY COVE INITIAL	. CCTV SANITAR'
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Setup 47 Surveyor TIM	Certificate #	U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/17 Time 13:33	Street DENMA	ARK DR	
City ELLENTON	Further location details	s 10421.1 200 DENMA	ARK DR	
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade	Ft
Finish 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	10421.1
Shape Circular	Height 6 Width	ins Preclear	n J Year Clea	ned 2012/04/17
Material Vitrified Clay Pipe	Joint length	Ft Total length	204.6 Ft Length Survey	ed 204.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		\$	Structural O&M	Constructional
Location Easement/Right of Way		ľ	Viscellaneous Hydraulic	
Project		<u></u>	Work Order	
Northing 1162927.90	Easting 496560.81	Elevation	on	
Coordinate System US STATE PL	.ANE1983 (NAD 1983)	GPS	Accuracy	

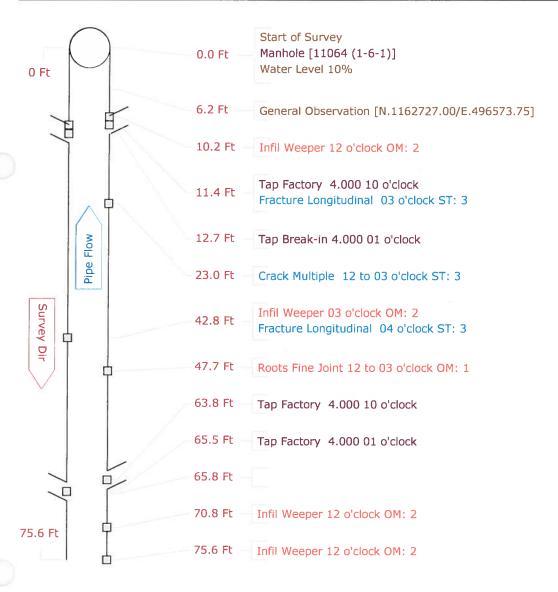


Pipe Graphic Report of PSR	10421 (1-6-2) X	for COLONY COVE INITIAL CCTV S	ANITAR'
i ipo Giapino Nopolico i Git	10-12 (1 0 2	, ,	IOI OCCOM COVE MAINAL COM VO	/// III // // // // // // // // // // //

Setup 47 Surveyor TIM	Certificate #	U-307-1521 Syst	em Owner COLONY C	OVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/17 Time 13:33	Street DENMARK DR		
City ELLENTON	Further location details	s 10421,1 200 DENMARK DR		
Start 10421 (1-6-2)	Rim to invert 3.30	Grade to invert	Rim to grade	Ft
Finish 11064 (1-6-1)	Rim to invert 3.70	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	Flow control	Media No	10421.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clean	ed 2012/04/17
Material Vitrified Clay Pipe	Joint length	Ft Total length 204.6	Ft Length Surveye	d 204.60
Lining	Year laid	Year rehabilitated \	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Structura	al O&M	Constructional
Location Easement/Right of Way		Miscella	neous Hydraulic	
Project		<u></u>	Work Order	
Northing 1162927.90	Easting 496560.81	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accura	су	

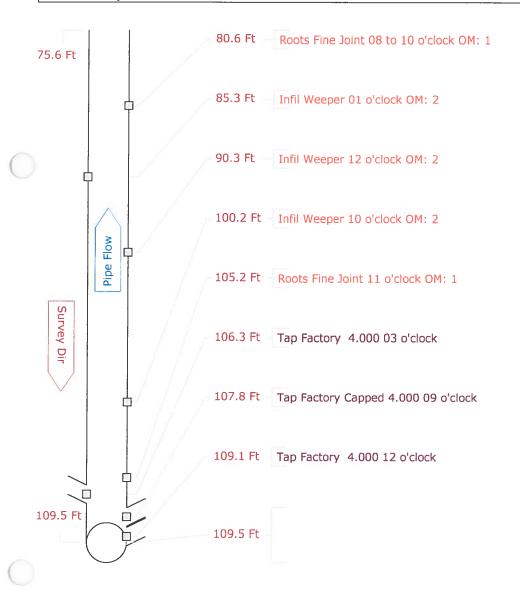


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Setup 48 Surveyor TIM	Certificate :	# U-307-1521 System Owner COLONY	COVE
Drainage Survey 0	Customer COLONY COVE		
P/O # Date	2012/04/18	Street ROTTERDAM AVE	
City ELLENTON	Further location detail	s CO96085.1 310 ROTTERDAM AVE	
Start 11064 (1-6-1)	Rim to invert 3.70	Grade to invert Rim to grade	Ft
Finish CO 96085	Rim to invert	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media No	CO96085.1
Shape Circular	Height 6 Width	ins Preclean J Year Clea	ned 2012/04/18
Material Vitrified Clay Pipe	Joint length	Ft Total length 109.5 Ft Length Survey	ed 109.50
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info SOUTH		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1162625.857	Easting 496586.664	Elevation	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Accuracy	



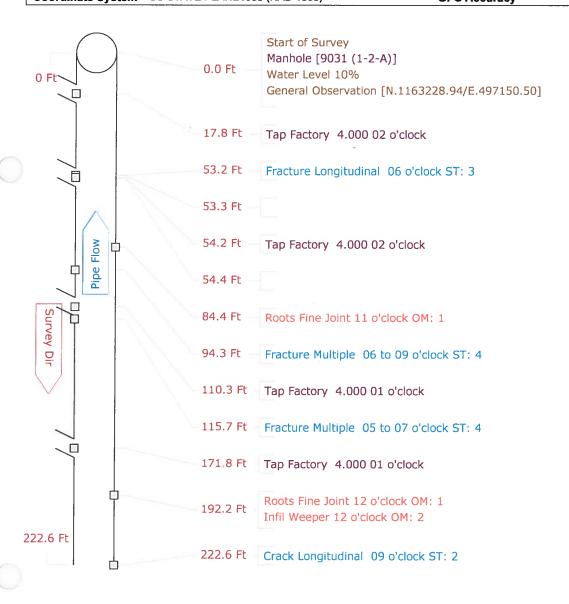
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Setup 48 Surveyor TIM	Certificate	# U-307-1521 System Owner COLON	Y COVE
Drainage Survey	Customer COLONY COVE		
P/O # Date	2012/04/18 Time 10:11	Street ROTTERDAM AVE	
City ELLENTON	Further location detai	Is CO96085.1 310 ROTTERDAM AVE	
Start 11064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



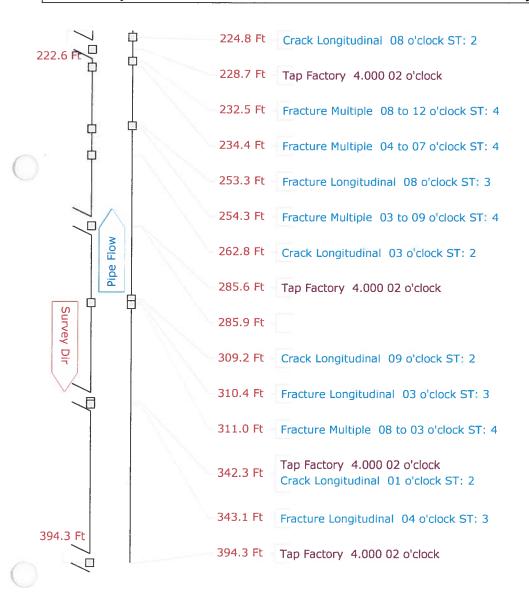
Pipe Graphic Report of PSR CO EOL	31 (1-2-1)	X	for	COLONY COVE INITIAL CCTV SANITAR
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Setup 49 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/18	4 Street AMST	ERDAM AVE	
City ELLENTON	Further location detail	Is CO EOL 31.1 217	AMSTERDAM AVE	
Start 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft
Finish CO EOL 31 (1-2-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO EOL31.1
Shape Circular	Height 6 Width	ins Preclea	n J Year Clea	aned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length	395.0 Ft Length Survey	yed 395.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1163565.944	Easting 496935.981	Elevat	ion	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS	Accuracy	

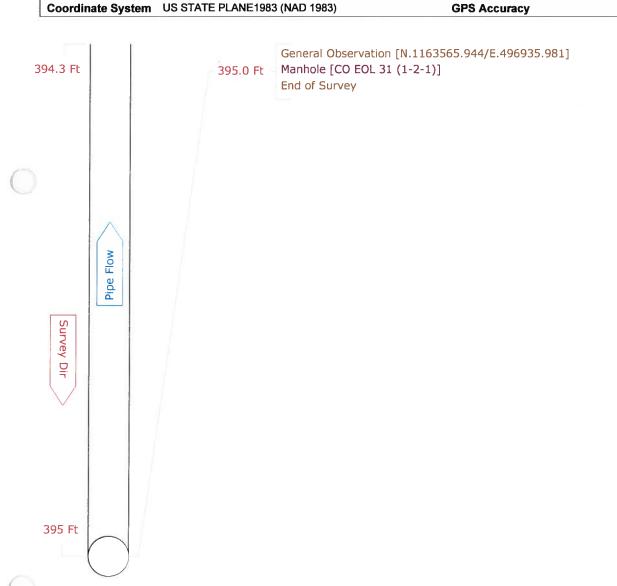


Pipe Graphic Report of PSR CO E	OL 31 (1-2-1) X	for COLONY	COVE INITIAL CCTV SANITAR
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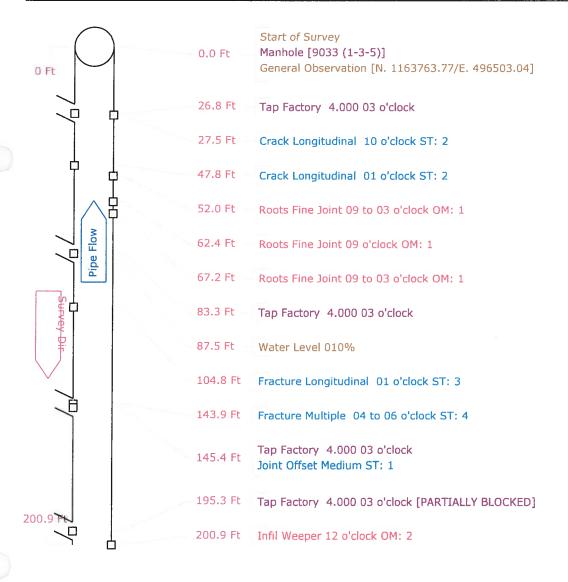
Setup 49 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey 0	Customer COLONY COVE			
P/O # Date	2012/04/18	4 Street AMST	ERDAM AVE	
City ELLENTON	Further location detai	Is CO EOL 31.1 217	AMSTERDAM AVE	
Start 9031 (1-2-A)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft
Finish CO EOL 31 (1-2-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO EOL31.1
Shape Circular	Height 6 Width	ins Precle	an J Year Clea	ned 2012/04/02
Material Vitrified Clay Pipe	Joint length	Ft Total length	395.0 Ft Length Survey	red 395.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		•	Work Order	
Northing 1163565.944	Easting 496935.981	Eleva	tion	
Coordinate System US STATE P.	LANE1983 (NAD 1983)	GP:	S Accuracy	



Pipe G	raphic Report o	of PSR	CO EOL 3	31 (1-2-	1))	K	for	COLONY CO	VE INITIAL C	CTV SANITAR
Setup	49 Surveyor	TIM		Certi	ficate #	U-307-1	1521	System Ov	vner COLONY	COVE
Drainag	је	Survey (Customer	COLONY	COVE					
P/O #		Date	2012/04/18	Time	12:04	Stree	et AMS	STERDAM AVE		
City	ELLENTON		Further	·location	n details	CO EOL	31.1 21	7 AMSTERDAM A	VE	
Start	9031 (1-2-A)		Rim to	invert	5.90	Grade '	to inve	rt Rim	to grade	Ft
Finish	CO EOL 31 (1-2-1)	Rim to	invert		Grade '	to inver	rt Rim	to grade	Ft
Use S	anitary		Directi	on Ups	tream	Flow	control		Media No	CO EOL31.1
Shape	Circular		Heig	ht 6	Width	ins	Preci	ean J	Year Clea	ned 2012/04/02
Materia	Vitrified Clay Pip	е	Joi	nt length	1	Ft Tota	al lengt	h 395.0 Ft	Length Survey	ed 395.00
Lining			Yea	ır laid	•	Year reha	bilitated	d W eath	er Dry	
Purpos	е					Cat				
Additio	nal info NORTH	WEST						Structural	O&M	Constructional
Locatio	n Easement/Right	of Way						Miscellaneous	Hydraulic	
Project								Work	Order	
Northin	g 1163565.944		Easting	49693	5.981		Elev	ation		

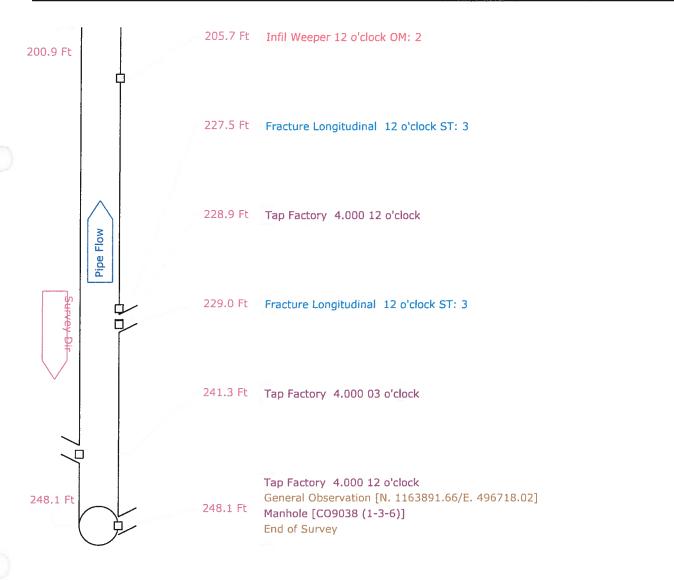


Setup 50 Surveyor TIM	Certificate	‡ u-307-1521 Sv s	tem Owner COLONY (COVE
Drainage Survey C	+			
P/O # Date	2012/04/20 Time 8:25	Street HOLLAND AV	Æ	
City ELLENTON	Further location detail	s 101 HOLLAND AVE		
Start 9033 (1-3-5)	Rim to invert 5,90	Grade to invert	Rim to grade	Ft
Finish CO9038 (1-3-6)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9038
Shape Circular	Height 6 Width	ins Preclean J	Year Clean	ed 2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft Total length 248.1	Ft Length Surveye	d 248.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Structi	ıral O&M	Constructional
Location Easement/Right of Way		Miscel	aneous Hydraulic	
Project			Work Order	
Northing 1163891.66	Easting 496718.02	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accu	racy	



Pipe Graphic Report of PSR CO90	38 (1-3-6) X	for	COLONY COVE INITIAL	CCTV SANITAR'
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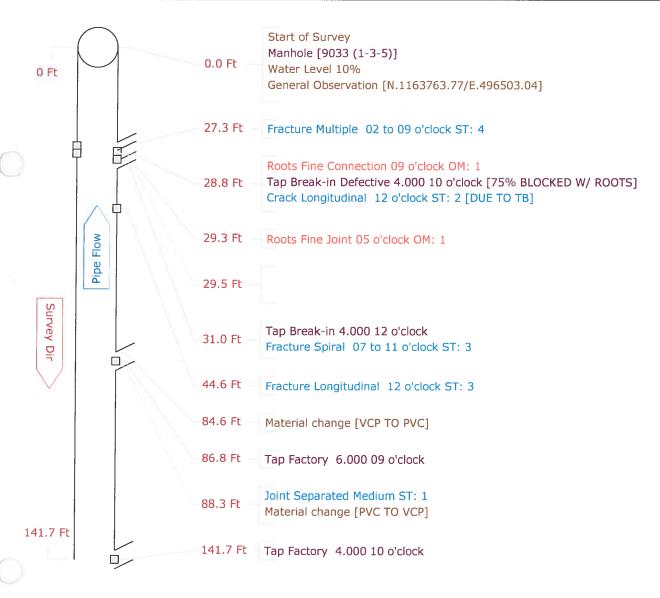
0.4 50 0 704	0 455 4	" 007.4504	0.1.0.000	201/5
Setup 50 Surveyor TIM	Certificate	# u-307-1521	System Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/20 Time 8:25	Street HOLLA	ND AVE	
City ELLENTON	Further location detai	Is 101 HOLLAND AVE		
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft
Finish CO9038 (1-3-6)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9038
Shape Circular	Height 6 Width	ins Preclea	n J Year Clea	ned 2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft Total length	248.1 Ft Length Survey	ed 248.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		_	Work Order	
Northing 1163891.66	Easting 496718.02	Elevati	on	
Coordinate System US STATE I	PLANE1983 (NAD 1983)	GPS	Accuracy	



JTV INC. Phone: (727)528-1998 Page 2 of 2

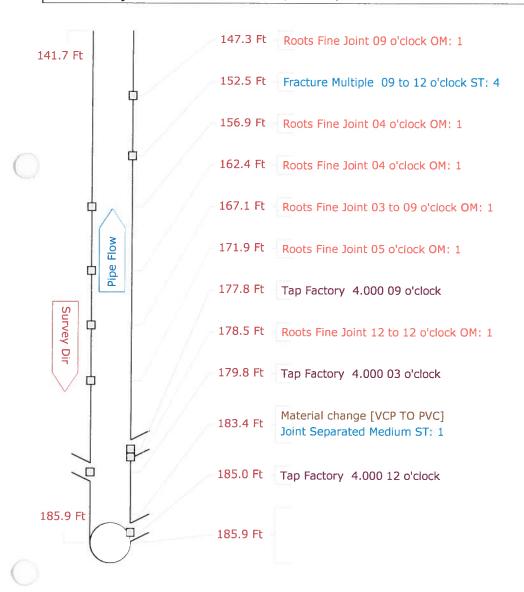
Pipe Graphic Report of PSR CO 9039	(1-3-7)	Υ	for	COLONY COVE INITIAL CCTV SANITAR
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Setup 51 Surveyor TIM	Certificate	# U-307-1521 S	ystem Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/20 Time 9:45	Street HOLLAND	AVE	
City ELLENTON	Further location detail	Is CO 9039.1 100 HOLLAN	ID AVE	
Start 9033 (1-3-5)	Rim to invert 5.90	Grade to invert	Rim to grade	Ft
Finish CO 9039 (1-3-7)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9039.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clear	ned 2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft Total length 185.	9 Ft Length Survey	ed 185.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Struc	ctural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1163679.351	Easting 496339.883	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	uracy	

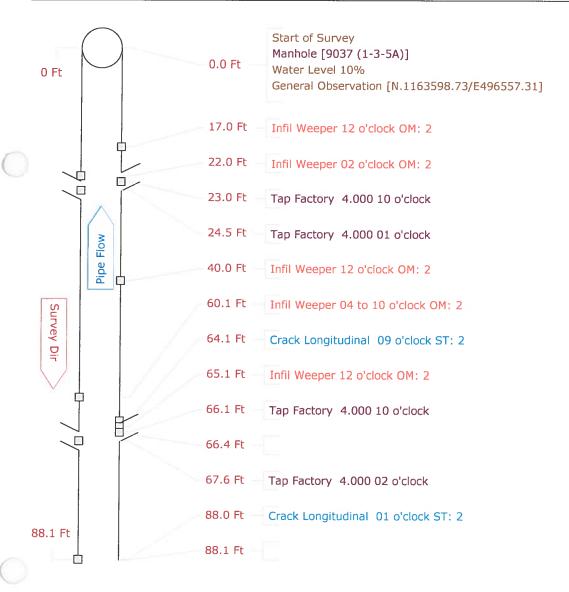


Pipe Graphic Report of PSR	CO 9039 (1-3-7	') Y	for	COLONY COVE INITIAL CCTV SANITAR
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Setup	51 Surveyor	TIM		Certif	ficate #	# U-307-152	21	System (Owner	COLONY	COVE
Draina	ge	Survey	Customer	COLONY	COVE						
P/O #		Date	2012/04/20	Time	9:45	Street	HOLL	AND AVE			
City	ELLENTON		Further	location	detail	s CO 9039.1	100 H	DLLAND AVE			
Start	9033 (1-3-5)		Rim to	invert	5.90	Grade to	invert	Ri	m to gr	ade	Ft
Finish	CO 9039 (1-3-7)		Rim to	invert		Grade to	invert	Ri	m to gr	ade	Ft
Use S	Sanitary		Directi	on Upst	ream	Flow co	ntrol			Media No	CO9039.1
Shape	Circular		Heig	ht 6	Width	ins	Precle	an J		Year Clear	ed 2012/04/20
Materia	Vitrified Clay Pip	е	Join	nt length		Ft Total	length	185.9 Ft	Leng	th Surveye	ed 185.90
Lining			Yea	r laid		Year rehabil	itated	Weat	ther	Dry	
Purpos	se					Cat					
Additio	onal info SOUTHV	VEST						Structural	08	M	Constructional
Locatio	n Easement/Right	of Way						Miscellaneou	s Hy	draulic	
Project	t						•	Wo	rk Orde	r	
Northin	ng 1163679.351		Easting	496339	.883		Eleva	tion			
Coordi	nate System US	STATE P	LANE1983 (N	AD 1983)	+		GP	S Accuracy			

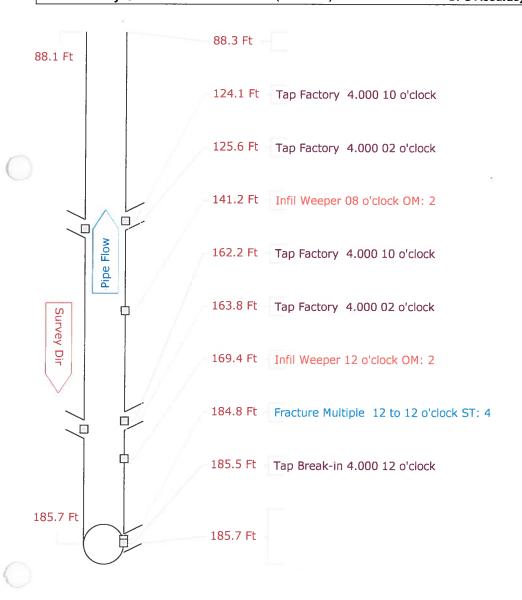


<u> </u>				
Setup 52 Surveyor TIM	Certificate a	# U-307-1521	System Owner COLONY (COVE
Drainage Survey Cus	stomer COLONY COVE			
P/O # Date 20	012/04/20 Time 11:58	Street HOLLAND	ST	
City ELLENTON	Further location detail	s CO96088.1 109 HOLL	AND ST.	
Start 9037 (1-3-5A)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft
Finish CO96088	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96088.1
Shape Circular	Height 6 Width	ins Preclean	J Year Clean	ed 2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft Total length 18	5.7 Ft Length Surveye	d 185.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Str	uctural O&M	Constructional
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project		<u> </u>	Work Order	
Northing 1163509.238	Easting 496393.786	Elevation		
Coordinate System US STATE PLAI	NE1983 (NAD 1983)	GPS Ac	curacy	

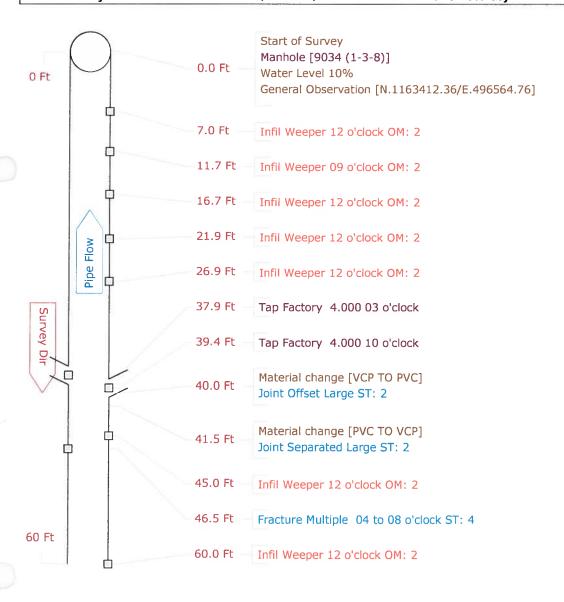


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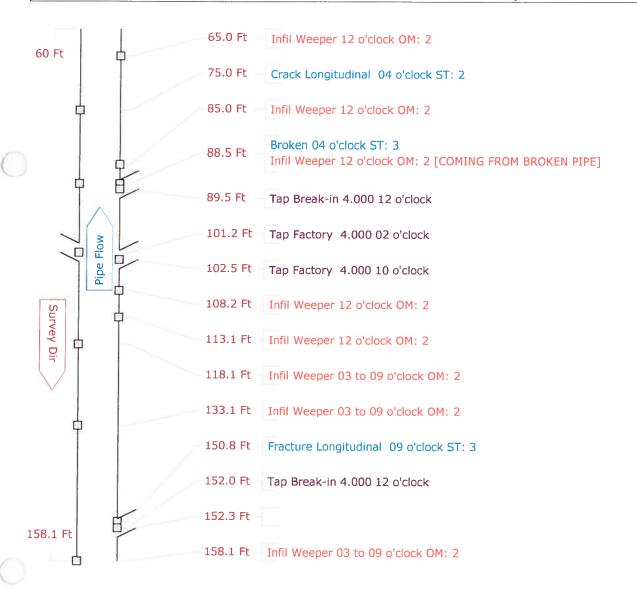
Setup 52 Surveyor TIM	Certificate:	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/20 Time 11:58	Street HOLLAND	ST	
City ELLENTON	Further location detail	s CO96088.1 109 HOLLA	AND ST.	
Start 9037 (1-3-5A)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft
Finish CO96088	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96088.1
Shape Circular	Height 6 Width	ins Preclean	Year Clea	ned 2012/04/20
Material Vitrified Clay Pipe	Joint length	Ft Total length 185	5.7 Ft Length Survey	ed 185.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Str	uctural O&M	Constructional
Location Easement/Right of Way		Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1163509.238	Easting 496393.786	Elevation		
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS Ad	curacy	



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Setup 53 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/04/20 Time 13:39	Street ROTTER	RDAM AVE	
City ELLENTON	Further location detai	s CO96089.1 201 ROT	TERDAM AVE	
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft
Finish CO96089	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96089.1
Shape Circular	Height 6 Width	ins Preclean	J Year Clear	ned 2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length	99.1 Ft Length Surveye	ed 199.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		5	Structural O&M	Constructional
Location Easement/Right of Way		N	/liscellaneous Hydraulic	
Project			Work Order	
Northing 1163315.215	Easting 496384.081	Elevatio	on	
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS A	Accuracy	

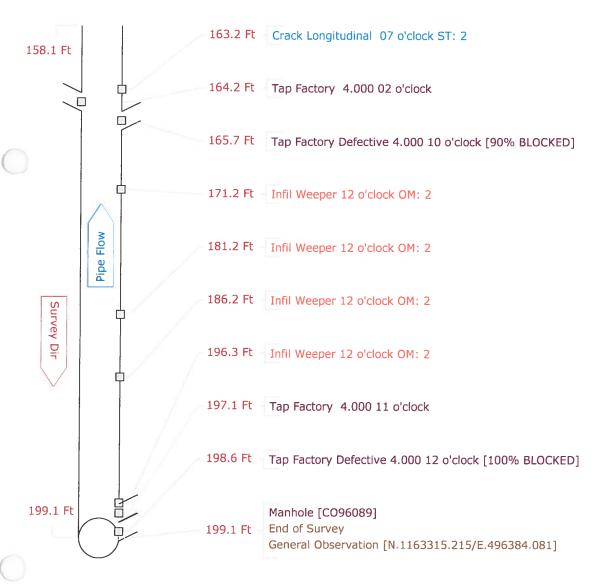


Setup 53 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	sustomer COLONY COVE	:		
P/O # Date	2012/04/20 Time 13:39	Street ROTT	ERDAM AVE	
City ELLENTON	Further location detail	ls CO96089.1 201 RC	OTTERDAM AVE	
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft
Finish CO96089	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96089.1
Shape Circular	Height 6 Width	ins Preclea	ın J Year Clea	ned 2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length	199.1 Ft Length Survey	red 199.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		L.	Work Order	
Northing 1163315.215	Easting 496384.081	Elevat	ion	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	Accuracy	

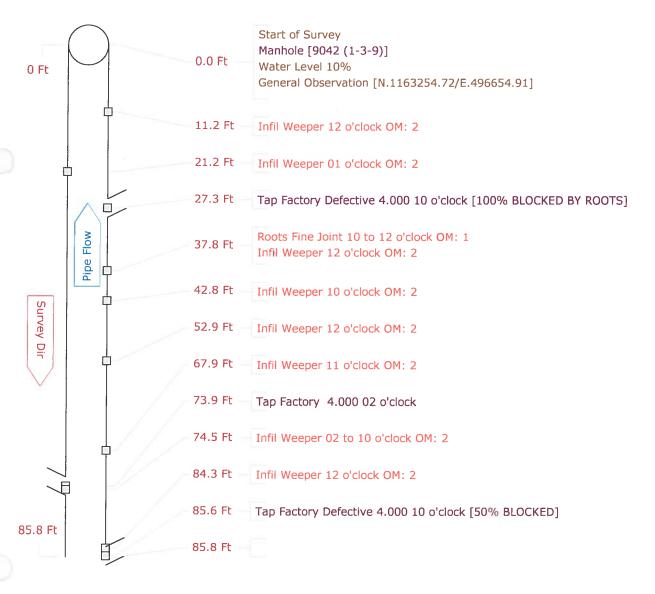


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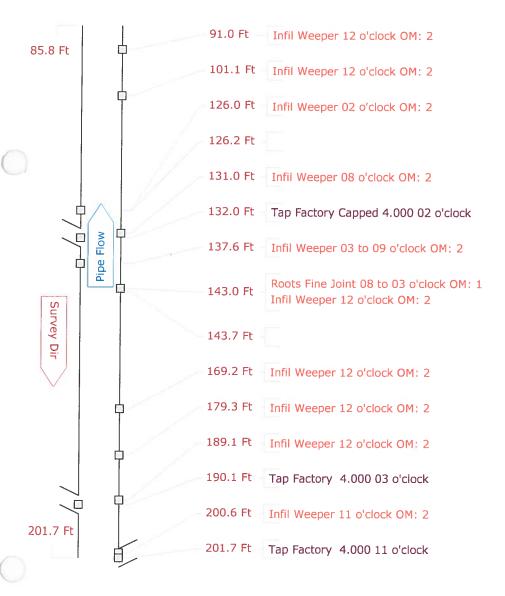
Cotum 52 Commune Tild	0-475-4-	# 11.007.4504	0 1 0 0010111/	
Setup 53 Surveyor TIM	Certificate :	# U-307-1521	System Owner COLONY (COVE
Drainage Survey Cu	stomer COLONY COVE			
P/O # Date 26	012/04/20 Time 13:39	Street ROTTE	RDAM AVE	
City ELLENTON	Further location detail	s CO96089.1 201 RO	TTERDAM AVE	
Start 9034 (1-3-8)	Rim to invert 6.30	Grade to invert	Rim to grade	Ft
Finish CO96089	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96089.1
Shape Circular	Height 6 Width	ins Preclear	n J Year Clean	ed 2012/03/28
Material Vitrified Clay Pipe	Joint length	Ft Total length	199.1 Ft Length Surveye	d 199.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST			Structural O&M	Constructional
Location Easement/Right of Way			Viscellaneous Hydraulic	
Project		_	Work Order	
Northing 1163315.215	Easting 496384.081	Elevation	on	
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS	Accuracy	



Setup 54 Surveyor TIM	Certificate	# U-307-1521 S	stem Owner COLONY	COVE
Drainage Survey C	customer COLONY COVE			
P/O # Date	2012/04/26 Time 8:16	Street EMDEN WA	Υ	
City ELLENTON	Further location detai	s CO69136.1 200 EMDEN	WAY	
Start 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade	Ft
Finish CO69136 (1-3-10)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO69136.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clea	ned 2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft Total length 256.	6 Ft Length Survey	ed 256.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Struc	ctural O&M	Constructional
Location Yard		Misc	ellaneous Hydraulic	
Project		Laryer 2001	Work Order	
Northing 1163130.922	Easting 496427.925	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	uracy	

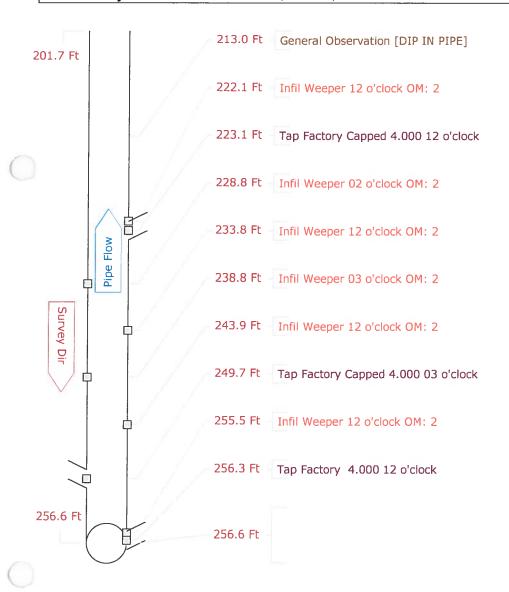


Setup 54 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey	Customer COLONY COVI			
P/O # Date	2012/04/26 Time 8:16	Street EMDEN W	/ AY	
City ELLENTON	Further location deta	ils CO69136.1 200 EMDE	N WAY	
Start 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade	Ft
Finish CO69136 (1-3-10)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO69136.1
Shape Circular	Height 6 Widtl	ins Preclean	Year Clear	ned 2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft Total length 256	6.6 Ft Length Survey	ed 256.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		Str	uctural O&M	Constructional
Location Yard		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1163130.922	Easting 496427.925	Elevation		
Coordinate System US STATE I	PLANE1983 (NAD 1983)	GPS Ad	curacy	



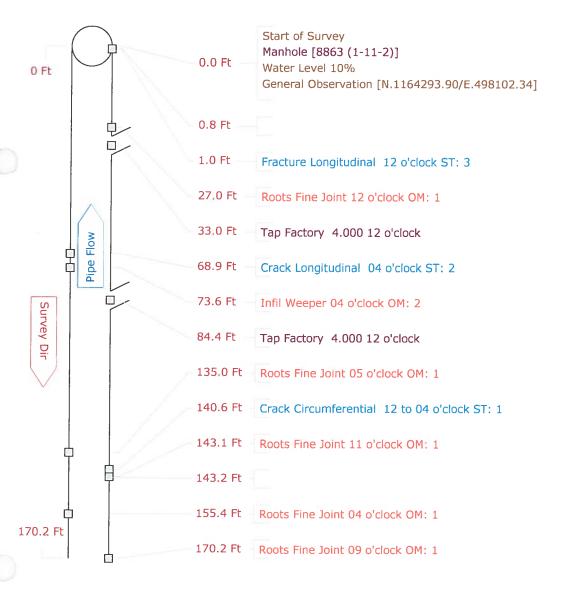
Pipe Graphic Report of PSR CO69136 (1-3-10) X for COLONY COVE INITIAL CCT	CCTV SANITAR
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Setup 54 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey 0	Customer COLONY COVE	:		
P/O # Date	2012/04/26 Time 8:16	Street EMDEN \	NAY	
City ELLENTON	Further location detai	Is CO69136.1 200 EMD	EN WAY	
Start 9042 (1-3-9)	Rim to invert 4.60	Grade to invert	Rim to grade	Ft
Finish CO69136 (1-3-10)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO69136.1
Shape Circular	Height 6 Width	ins Preclean	J Year Clear	ned 2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft Total length 25	56.6 Ft Length Survey	ed 256.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHWEST		St	ructural O&M	Constructional
Location Yard		Mi	scellaneous Hydraulic	
Project		Lagrania.	Work Order	
Northing 1163130.922	Easting 496427.925	Elevation	ı	
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS A	ccuracy	

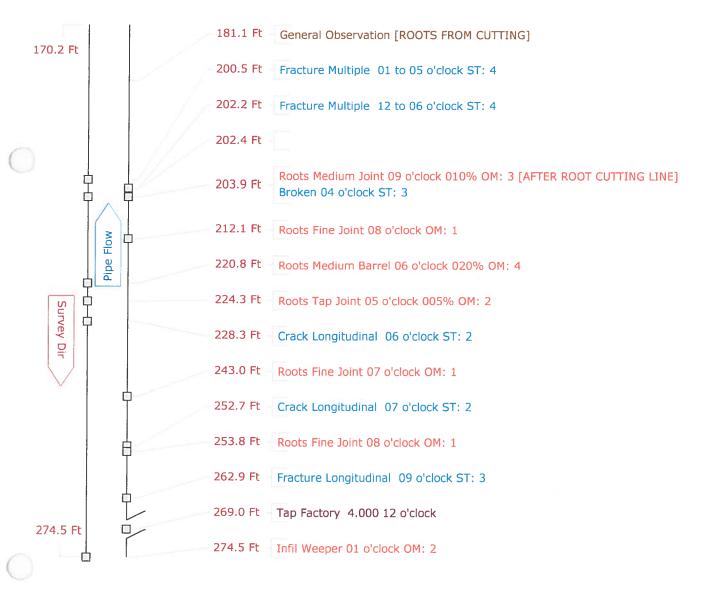


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Setup 56 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date 2	2012/04/26 Time 10:5 ⁻²	Street ALKMAAF	RST	
City ELLENTON	Further location detai	Is CO96071.1 303 ALKM	AAR ST	
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft
Finish CO96071 (1-11-2-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96071.1
Shape Circular	Height 6 Width	ins Preclean	J Year Clear	ned 2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft Total length 29	7.1 Ft Length Surveye	ed 297.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH		Str	uctural O&M	Constructional
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project			Work Order	
Northing 1164561.402	Easting 497795.990	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Ac	ccuracy	

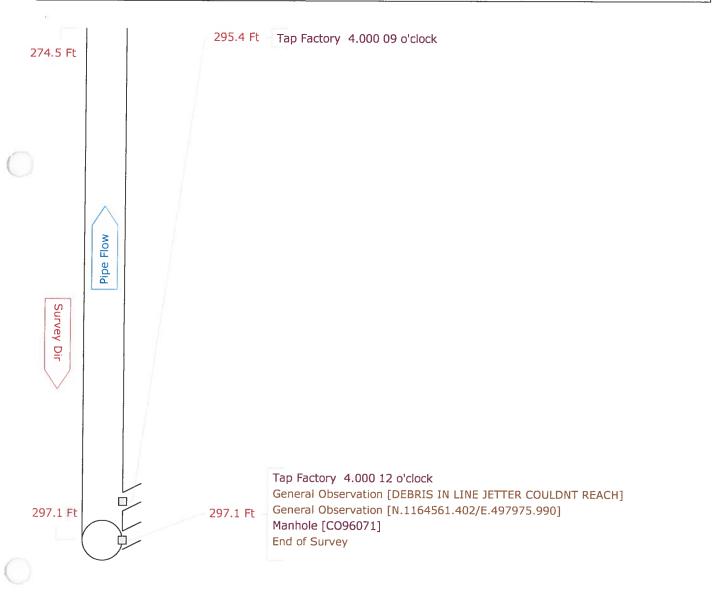


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Setup !	•		Customor	Certifi COLONY (0-307-15	21	Sys	stem U	wner	COLONY	COVE
•	e e	•										
P/O #		Date	2012/04/26	Time	10:51	Street	ALKIV	IAAR S	Γ			
City	ELLENTON		Further	location	details	CO96071.	1 303 A	LKMAAI	R ST			
Start 8	8863 (1-11-2)		Rim to	invert 7	7.00	Grade to	invert		Rin	n to gra	ıde	Ft
Finish (CO96071 (1-11-2-	1)	Rim to	invert		Grade to	invert		Rin	n to gra	ıde	Ft
Use Sar	nitary		Direction	on Upstre	eam	Flow co	ntrol			N	ledia No	CO96071.1
Shape (Circular		Heig	ht 6 V	Vidth	ins	Precle	an J		•	ear Clear	ned 2012/04/26
Material	Vitrified Clay Pip	е	Joir	nt length	ı	Ft Total	length	297.1	Ft	Lengt	h Survey	ed 297.10
Lining			Yea	r laid	Y	'ear rehabi	litated		Weat	her D)ry	
Purpose						Cat						
Addition	al info NORTH							Structi	ıral	0&1	VI	Constructional
Location	Easement/Right	of Way						Miscel	laneous	Hyd	raulic	
Project							,		Wor	k Ordei	r	
Northing	1164561.402		Easting	497795.9	990		Eleva	tion				
Coordina	ate System US	STATE F	PLANE1983 (N	AD 1983)			GP	S Accu	racy			

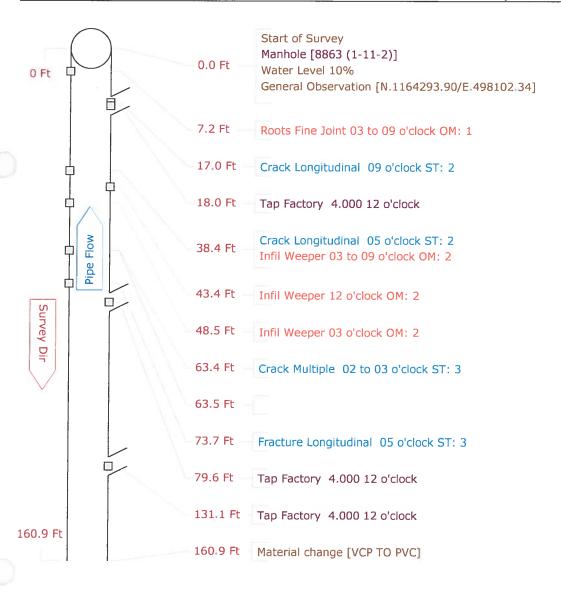


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Setup 56 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/26 Time 10:5	1 Street ALKMAAR	ST	
City ELLENTON	Further location detai	Is CO96071.1 303 ALKM/	AAR ST	
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft
Finish CO96071 (1-11-2-1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96071.1
Shape Circular	Height 6 Width	ins Preclean	Year Clear	ned 2012/04/26
Material Vitrified Clay Pipe	Joint length	Ft Total length 297	7.1 Ft Length Surveye	ed 297.10
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH	-	Stru	uctural O&M	Constructional
Location Easement/Right of Way		Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1164561.402	Easting 497795.990	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Ac	curacy	

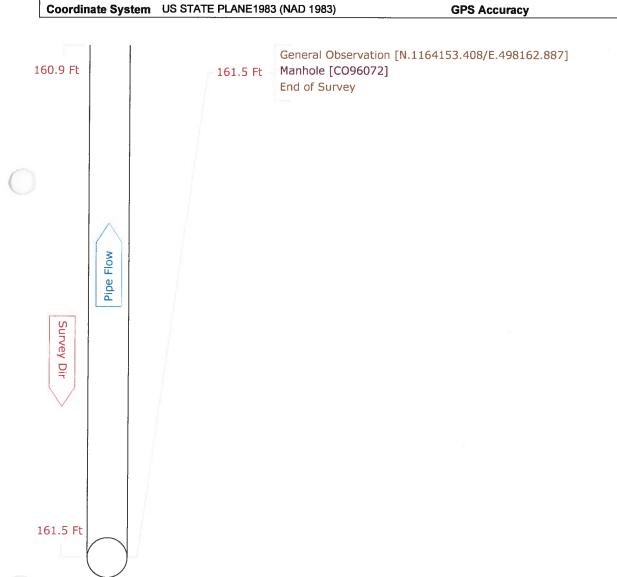


Setup 57 Surveyor TIM	Certificate	# U-307-1521 Sy s	stem Owner COLONY C	OVE
Drainage Survey Cu	stomer COLONY COVE	:		
P/O # Date 2	012/04/27 Time 9:02	Street ALKMAAR ST	г.	
City ELLENTON	Further location detai	Is CO96072.1 319 ALKMAAF	R ST.	
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert	Rim to grade	Ft
Finish CO96072 (1-11-2-2)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96072.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clean	ed 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length 161.5	Ft Length Surveyed	d 161.50
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Structe	ural O&M	Constructional
Location Easement/Right of Way		Miscel	laneous Hydraulic	
Project			Work Order	
Northing 1164153.408	Easting 498162.887	Elevation		
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS Accu	racy	



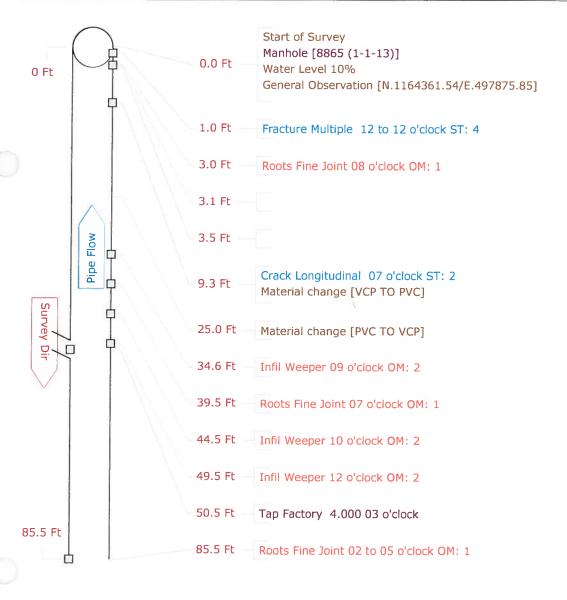
Pipe Graphic	Report of PSR	CO96072	X
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Pipe Graphic Report of PSR	CO96072 X	for COLONY COVE INITIAL CO	TV SANITAR
Setup 57 Surveyor TIM	Certificate	U-307-1521 System Owner COLONY C	OVE
Drainage Survey C	ustomer COLONY COVE		
P/O # Date 2	2012/04/27 Time 9:02	Street ALKMAAR ST.	
City ELLENTON	Further location detail	s CO96072.1 319 ALKMAAR ST.	
Start 8863 (1-11-2)	Rim to invert 7.00	Grade to invert Rim to grade	Ft
Finish CO96072 (1-11-2-2)	Rim to invert	Grade to invert Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control Media No	CO96072.1
Shape Circular	Height 6 Width	ins Preclean J Year Clean	ed 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length 161.5 Ft Length Surveye	d 161.50
Lining	Year laid	Year rehabilitated Weather Dry	
Purpose		Cat	
Additional info SOUTH		Structural O&M	Constructional
Location Easement/Right of Way		Miscellaneous Hydraulic	
Project		Work Order	
Northing 1164153.408	Easting 498162.887	Elevation	



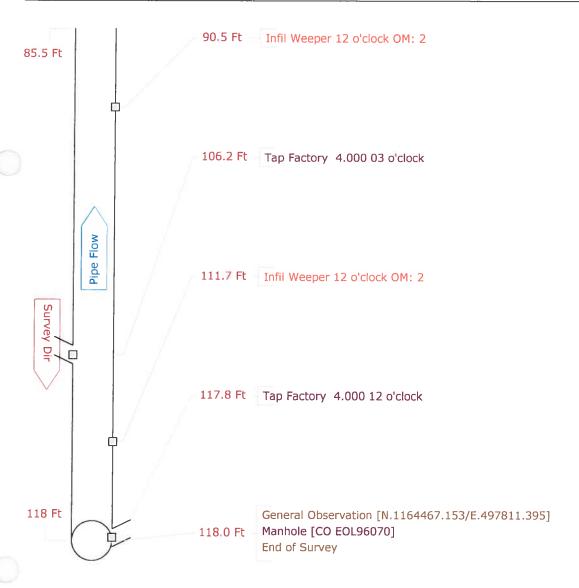
Pipe Graphic Report of PSR CO EOL96070 X	for	COLONY COVE INITIAL CCTV SANITAR
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Setup 58 Surveyor TIM	Certificate #	U-307-1521	System Owner	COLONY COVE
Drainage Survey Customer CC	DLONY COVE			
P/O # Date 2012/04/27	Time 10:04	Street ALKMA	AR ST.	
City ELLENTON Further lo	cation details	COEOL96070.1 300	ALKMAAR ST.	
Start 8865 (1-1-13) Rim to in	vert 5.10	Grade to invert	Rim to grad	de Ft
Finish CO EOL96070 (1-1-14) Rim to in	vert	Grade to invert	Rim to grad	de Ft
Use Sanitary Direction	Upstream	Flow control	M	edia No CO96070.1
Shape Circular Height	6 Width	ins Preclea	n J Y	ear Cleaned 2012/04/27
Material Vitrified Clay Pipe Joint	length F	t Total length	118.0 Ft Length	Surveyed 118.00
Lining Year I	aid Y	ear rehabilitated	Weather Di	ry
Purpose		Cat		
Additional info NORTH			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydr	aulic
Project		Ļ.	Work Order	
Northing 1164467.153 Easting	497811.395	Elevati	on	
Coordinate System US STATE PLANE1983 (NAD) 1983)	GPS	Accuracy	



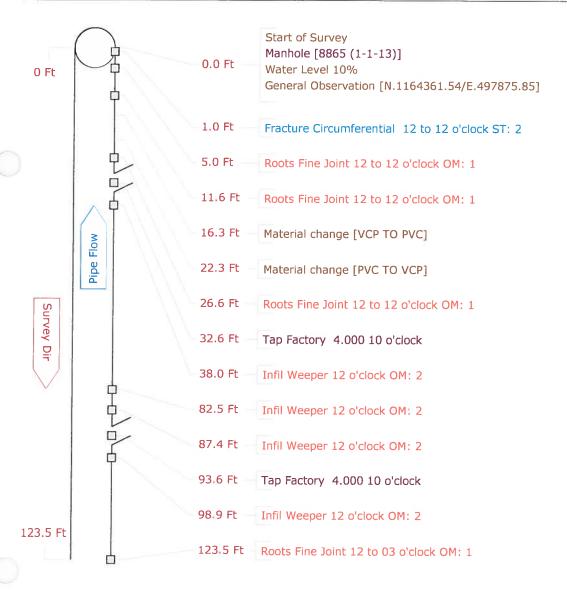
Pipe Graphic Report of PSR CO EOL96070	X	for COLONY COVE INITIAL CCTV SANITAR
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Setup 58 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/27 Time 10:04	Street ALKMA	AR ST.	
City ELLENTON	Further location detail	Is COEOL96070.1 300	ALKMAAR ST.	
Start 8865 (1-1-13)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish CO EOL96070 (1-1-14)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96070.1
Shape Circular	Height 6 Width	ins Preclear	n J Year Clea	ned 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length	118.0 Ft Length Survey	ed 118.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTH			Structural O&M	Constructional
Location Easement/Right of Way		ľ	Miscellaneous Hydraulic	
Project		_	Work Order	-
Northing 1164467.153	Easting 497811.395	Elevation	on	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	Accuracy	

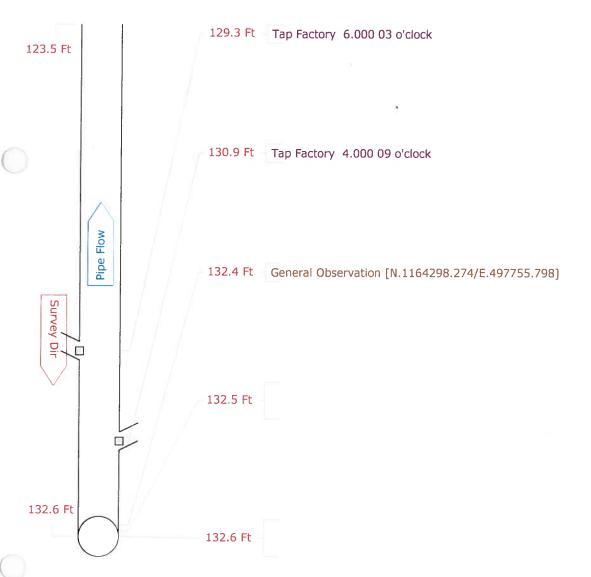


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Setup 60 Surveyor TIM	Certificate :	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Cu	ustomer COLONY COVE			
P/O # Date 2	2012/04/27 Time 12:10	Street DORE	DRECHT ST	
City ELLENTON	Further location detail	s CO96073.1 220 D	ORDRECHT ST	
Start 8865 (1-1-13)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish CO96073	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96073.1
Shape Circular	Height 6 Width	ins Precle	an J Year Clea	ned 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length	132.5 Ft Length Survey	ed 132.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info WEST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		L	Work Order	g192m
Northing 1164298.274	Easting 497755.798	Eleva	tion	
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GP:	S Accuracy	

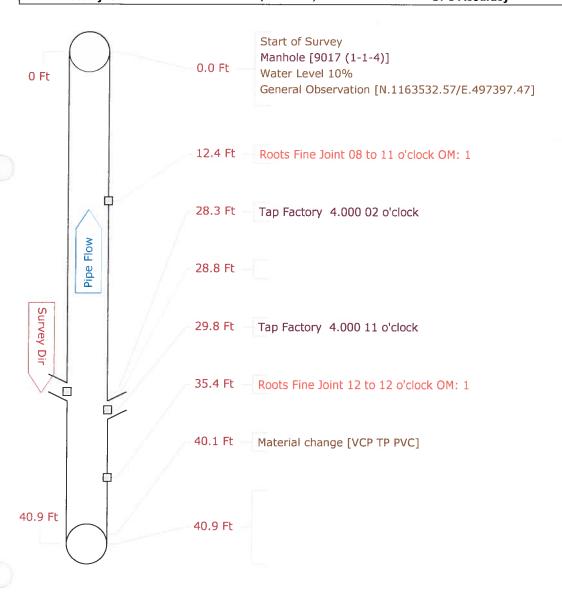


Setup 60 Surveyor TIM	Certificate	# U-307-1521 Sy s	stem Owner COLONY	COVE
Drainage Survey Cu	stomer COLONY COVE	Ē		
P/O # Date 2	012/04/27 Time 12:1	Street DORDRECH	ST	
City ELLENTON	Further location detai	Is CO96073.1 220 DORDRE	CHT ST	
Start 8865 (1-1-13)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish CO96073	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96073.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clea	ned 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length 132.5	Ft Length Survey	ed 132.60
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info WEST		Structi	ıral O&M	Constructional
Location Easement/Right of Way		Miscel	aneous Hydraulic	
Project			Work Order	
Northing 1164298.274	Easting 497755.798	Elevation		
Coordinate System US STATE PLA	NE1983 (NAD 1983)	GPS Accu	racy	



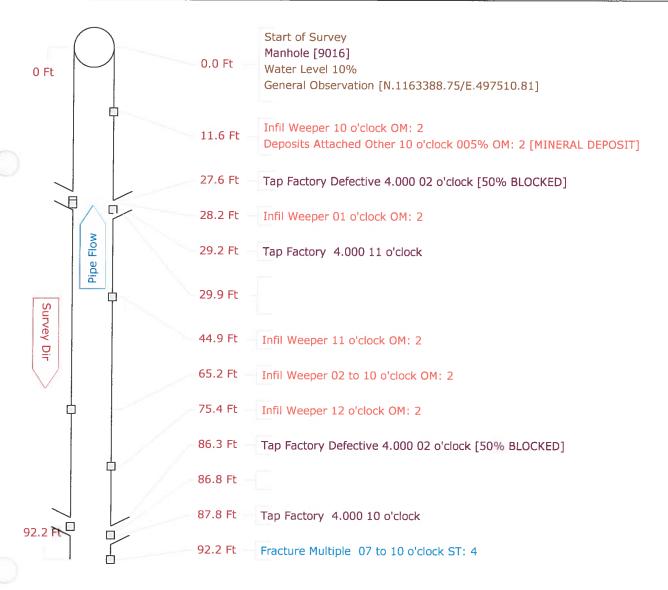
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Setup 61 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE	E		
P/O # Date	2012/04/27 Time 13:3	1 Street HERLEEN	N AVE	
City ELLENTON	Further location detai	Is CO96065.1 201 N. UT	RECHT ST	
Start 9017 (1-1-4)	Rim to invert 6.00	Grade to invert	Rim to grade	Ft
Finish CO96065 (1-1-5)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96065.1
Shape Circular	Height 6 Width	ins Preclean	J Year Clear	ned 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length 40	.9 Ft Length Survey	ed 40.90
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info EAST		Str	ructural O&M	Constructional
Location Easement/Right of Way		Mis	scellaneous Hydraulic	
Project		*	Work Order	
Northing 1163555.857	Easting 497426.917	Elevation	1	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS A	ccuracy	



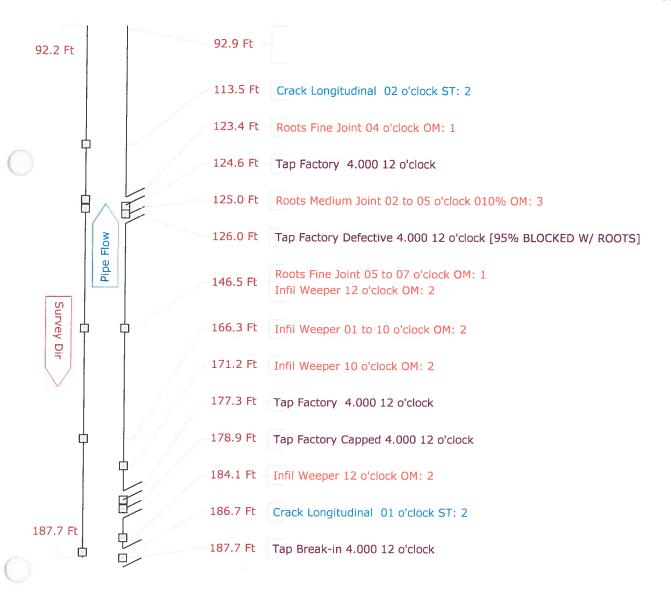
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Setup 62 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE	<u> </u>	• • • • • • • • • • • • • • • • • • • •	
P/O # Date	2012/04/27 Time 14:45	5 Street HERLI	EEN AVE	
City ELLENTON	Further location detail	is CO9021.1 229 END	DHOVEN ST	
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade	Ft
Finish CO9021	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9021.1
Shape Circular	Height 6 Width	ins Preclea	ın J Year Clea	ned 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length	238.3 Ft Length Survey	ed 238.30
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project			Work Order	
Northing 1163523.636	Easting 497714.880	Elevat	ion	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	Accuracy	

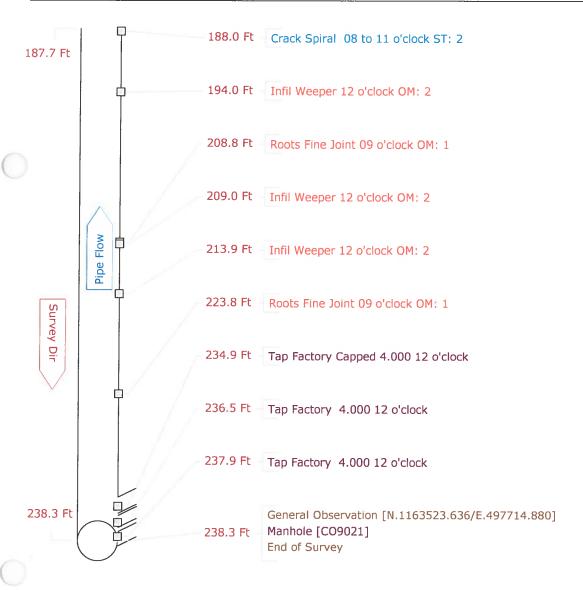


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Setup 62 Surveyor TIM	Certificate:	# U-307-1521 S y	stem Owner COLONY	COVE
Drainage Survey C	sustomer COLONY COVE			
P/O # Date	2012/04/27 Time 14:49	Street HERLEEN A	VE	
City ELLENTON	Further location detai	Is CO9021.1 229 ENDHOVI	EN ST	
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade	Ft
Finish CO9021	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9021.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clear	ned 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length 238.3	Ft Length Surveye	ed 238.30
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		Struc	ural O&M	Constructional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project		Work Order		
Northing 1163523.636	Easting 497714.880	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acci	ıracy	

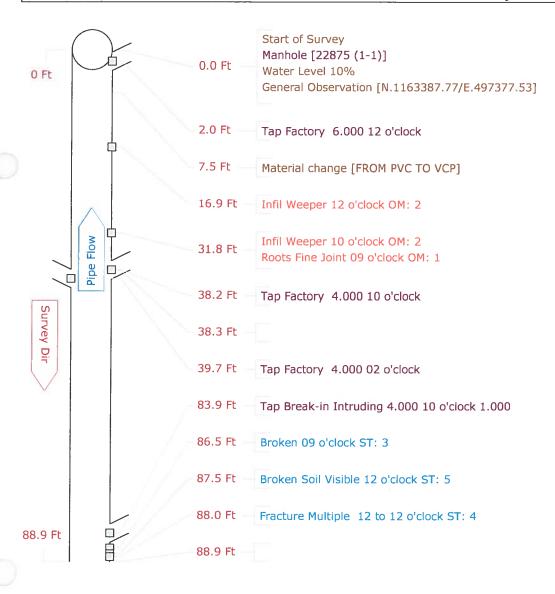


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Setup 62 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Co	ustomer COLONY COVE			
P/O # Date 2	2012/04/27 Time 14:45	Street HERLEE	N AVE	
City ELLENTON	Further location detail	Is CO9021.1 229 ENDH	OVEN ST	
Start 9016 (1-1-2)	Rim to invert 6.90	Grade to invert	Rim to grade	Ft
Finish CO9021	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9021.1
Shape Circular	Height 6 Width	ins Preclean	J Year Clear	ned 2012/04/27
Material Vitrified Clay Pipe	Joint length	Ft Total length 2	38.3 Ft Length Surveye	ed 238.30
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHEAST		S	tructural O&M	Constructional
Location Easement/Right of Way		i M	liscellaneous Hydraulic	
Project		Work Order		
Northing 1163523.636	Easting 497714.880	Elevation		
Coordinate System US STATE PLANE1983 (NAD 1983)		GPS A	Accuracy	

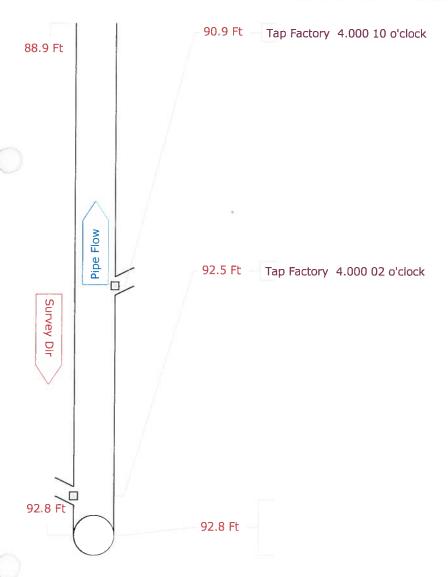


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Setup 63 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey C	sustomer COLONY COVE			
P/O # Date	2012/04/30 Time 9:26	Street AMELO	AVE	
City ELLENTON	Further location detail	s CO96079.1 211 AM	ELO AVE.	
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade	Ft
Finish CO96079	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96079.1
Shape Circular	Height 6 Width	ins Preclea	n J Year Clear	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length	92.8 Ft Length Surveye	ed 92.80
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST			Structural O&M	Constructional
Location Easement/Right of Way			Miscellaneous Hydraulic	
Project		_	Work Order	
Northing 1163470.215	Easting 497318.600	Elevati	on	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS	Accuracy	

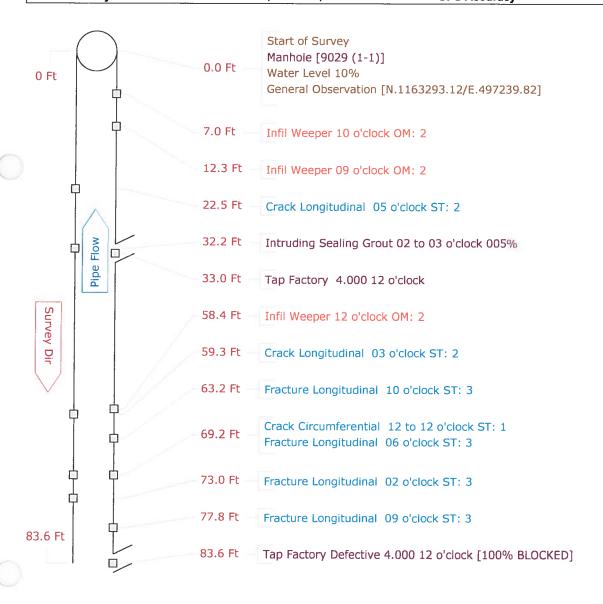


Setup 63 Surveyor TIM	Certificate	# U-307-1521 Sy :	stem Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE	Ē		
P/O # Date	2012/04/30 Time 9:26	Street AMELO AVE		
City ELLENTON	Further location detai	Is CO96079.1 211 AMELO A	VE.	
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade	Ft
Finish CO96079	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96079.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clea	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 92.8	Ft Length Survey	red 92.80
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST		Struct	ural O&M	Constructional
Location Easement/Right of Way		Misce	laneous Hydraulic	
Project			Work Order	
Northing 1163470.215	Easting 497318.600	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Accu	racv	

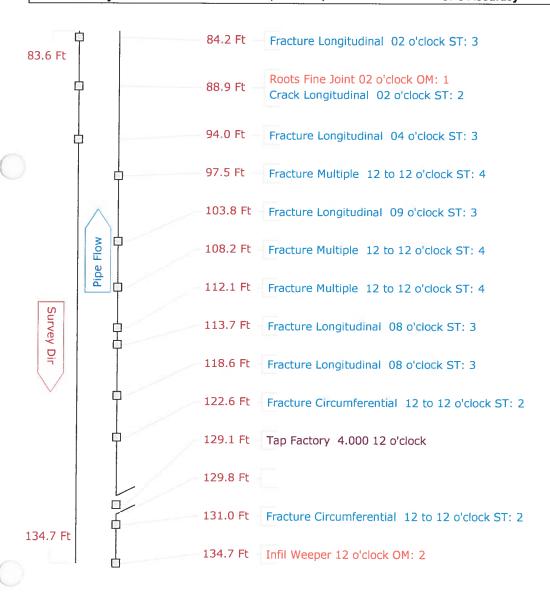


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Setup 64 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE			
P/O # Date	2012/04/30 Time 10:19	5 Street AMELO	AVE	
City ELLENTON	Further location detail	Is CO96081.1 210 AME	ELO AVE	
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish CO96081	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96081.1
Shape Circular	Height 6 Width	ins Preclean	J Year Clear	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length	139.7 Ft Length Survey	ed 139.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST		S	Structural O&M	Constructional
Location Easement/Right of Way		N	/liscellaneous Hydraulic	
Project			Work Order	
Northing 1163420.541	Easting 497168.813	Elevatio	on	
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS /	Accuracy	

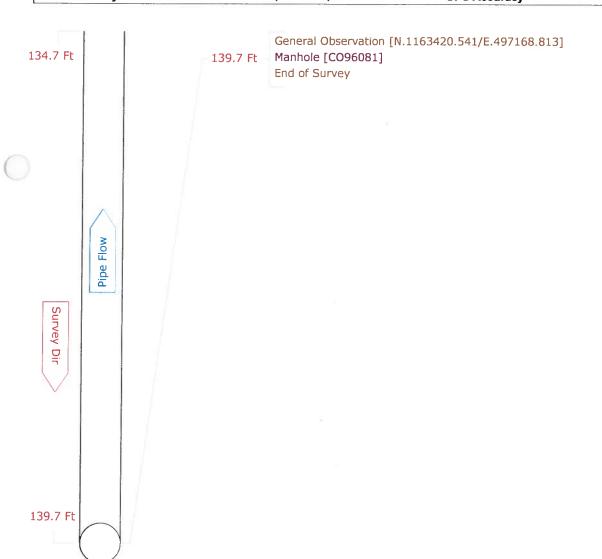


Setup 64 Surveyor TIM	Certificate	# U-307-1521 S	ystem Owner COLONY	COVE
Drainage Survey	Customer COLONY COVE	=		
P/O # Date	2012/04/30 Time 10:1:	5 Street AMELO AV	Έ	
City ELLENTON	Further location detai	Is CO96081.1 210 AMELO	AVE	
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish CO96081	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96081.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clear	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 139	.7 Ft Length Surveye	ed 139.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST		Stru	ctural O&M	Constructional
Location Easement/Right of Way		Misc	cellaneous Hydraulic	
Project			Work Order	
Northing 1163420.541	Easting 497168.813	Elevation		
Coordinate System US STATE P	LANE1983 (NAD 1983)	GPS Acc	curacy	

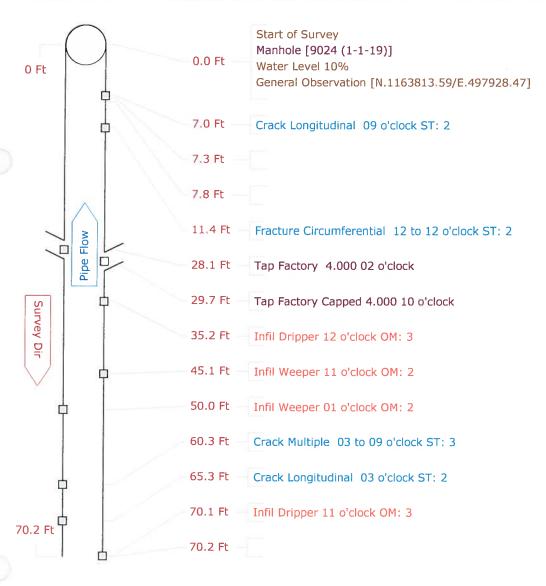


Pipe Graphic Report of PSR	CO96081	Χ	for	COLONY COVE INITIAL CCTV SANITAR

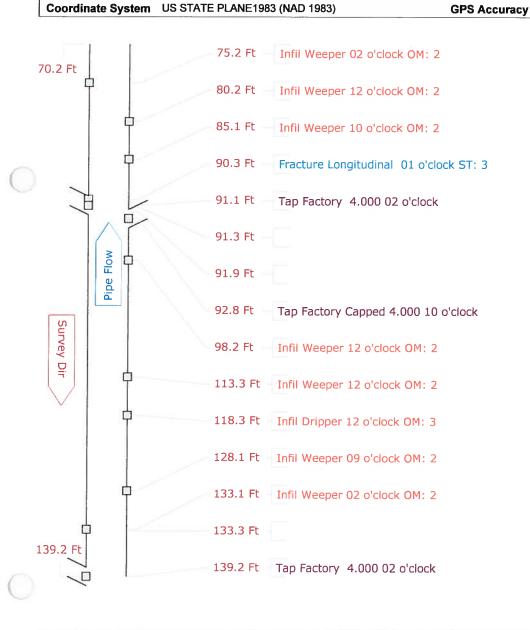
Setup 64 Surveyor TIM	Certificate	# U-307-1521 \$	System Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date	2012/04/30 Time 10:1	5 Street AMELO AV	/E	
City ELLENTON	Further location detai	Is CO96081.1 210 AMELO	AVE	
Start 9029 (1-1)	Rim to invert 5.10	Grade to invert	Rim to grade	Ft
Finish CO96081	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO96081.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clear	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 139	.7 Ft Length Surveye	ed 139.70
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info NORTHWEST		Stru	ictural O&M	Constructiona
Location Easement/Right of Way		Misc	cellaneous Hydraulic	
Project			Work Order	
Northing 1163420.541	Easting 497168.813	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	curacy	



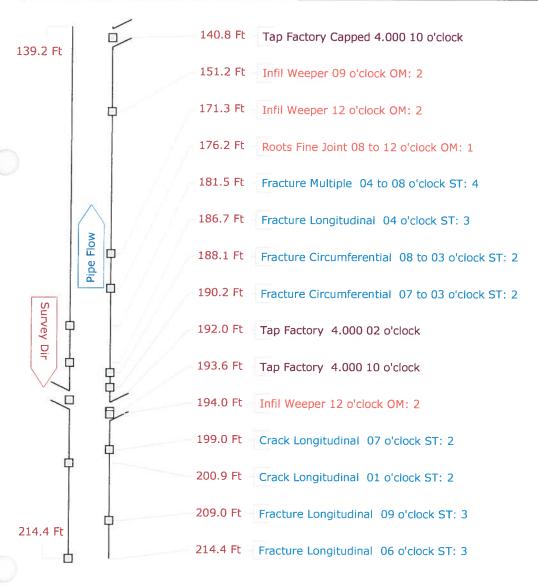
Setup 65 Surveyor TIM	Certificate i	# U-307-1521	System Owner COLONY	COVE
Drainage Survey Cu			System Curici Gozotti	
P/O # Date 2	2012/04/30 Time 12:22	Street DEN HELD	DER AVE	
City ELLENTON	Further location detail	s CO9015.1 327 DEN HE	LDER AVE	
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade	Ft
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9015.1
Shape Circular	Height 6 Width	ins Preclean	Year Clear	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 298	3.4 Ft Length Survey	ed 298.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		Str	uctural O&M	Constructional
Location Easement/Right of Way		Mis	cellaneous Hydraulic	
Project			Work Order	
Northing 1163659.636	Easting 498174.107	Elevation		
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Ac	curacy	



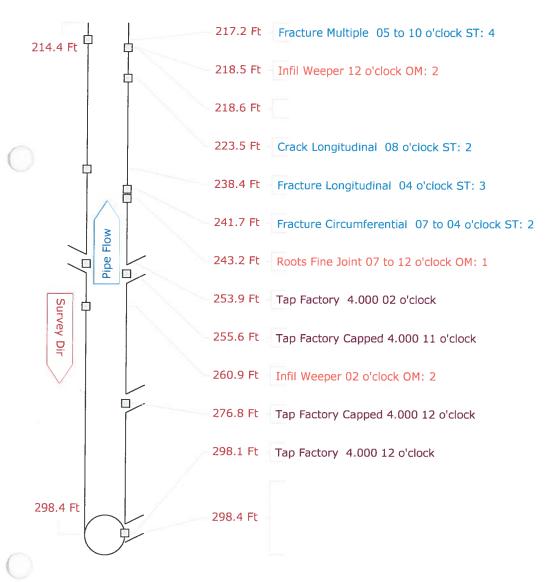
Pipe Graphic Report of PSR	CO EOL 9015 X	for COLONY COVE INITIAL CCTV SANITAR
Setup 65 Surveyor TIM	Certificate #	U-307-1521 System Owner COLONY COVE
Drainage Survey C	ustomer COLONY COVE	
P/O # Date	2012/04/30 Time 12:22	Street DEN HELDER AVE
City ELLENTON	Further location details C	CO9015.1 327 DEN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



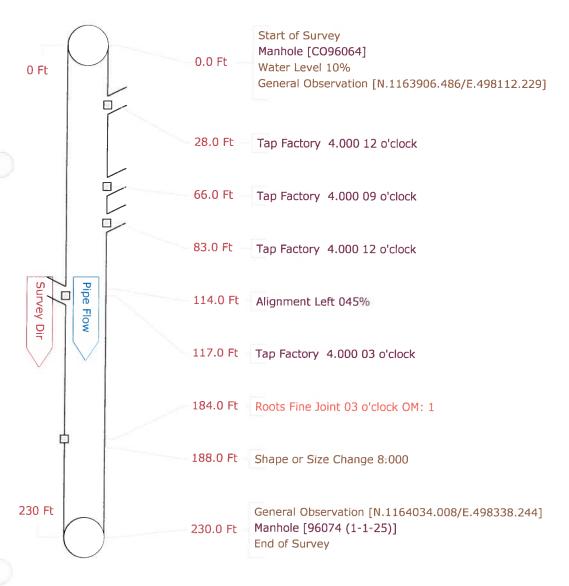
Setup 65 Surveyor TIM	Certificate	# U-307-1521 S y	stem Owner COLONY	COVE
Drainage Survey (Customer COLONY COVE	<u>=</u>		
P/O # Date	2012/04/30 Time 12:2	2 Street DEN HELDE	R AVE	
City ELLENTON	Further location detai	is CO9015.1 327 DEN HEL	DER AVE	
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade	Ft
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9015.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clea	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 298.4	Ft Length Survey	ed 298.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misce	llaneous Hydraulic	
Project			Work Order	
Northing 1163659.636	Easting 498174.107	Elevation		
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS Acci	ıracy	



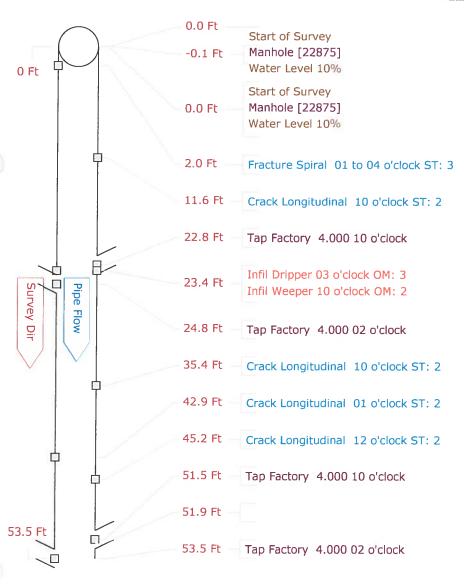
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Setup 65 Surveyor TIM	Certificate	# U-307-1521 S	stem Owner COLONY	COVE
Drainage Survey C	ustomer COLONY COVE			
P/O # Date 2	2012/04/30 Time 12:22	Street DEN HELDI	R AVE	
City ELLENTON	Further location detail	s CO9015.1 327 DEN HEL	DER AVE	
Start 9024 (1-1-19)	Rim to invert 6.50	Grade to invert	Rim to grade	Ft
Finish CO EOL 9015	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Upstream	Flow control	Media No	CO9015.1
Shape Circular	Height 6 Width	ins Preclean J	Year Clear	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 298.	Ft Length Survey	ed 298.40
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTHEAST		Struc	tural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1163659.636	Easting 498174.107	Elevation		
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Acc	uracy	



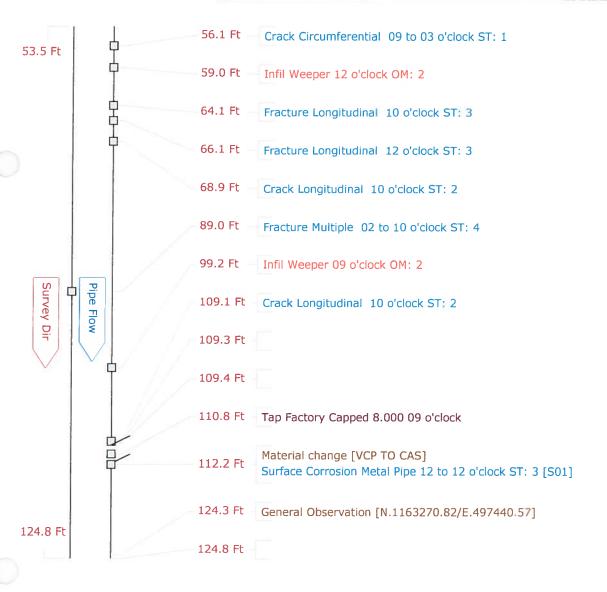
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Setup 66 Surveyor TIM	Certificate	# U-307-1521 Sy :	stem Owner COLONY COVE
Drainage Survey C	sustomer COLONY COVE		
P/O # Date	2012/04/30 Time 14:09	Street AMELAND S	Г
City ELLENTON	Further location detail	s CO96064.4 307 AMELAN	O ST
Start CO96064A (1-39)	Rim to invert 5.70	Grade to invert	Rim to grade Ft
Finish 96074 (1-1-25)	Rim to invert 3.00	Grade to invert	Rim to grade Ft
Use Sanitary	Direction Downstream	n Flow control	Media No CO96064.1
Shape Circular	Height 6 Width	ins Preclean J	Year Cleaned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 230.0	Ft Length Surveyed 230.00
Lining	Year laid	Year rehabilitated	Weather Dry
Purpose		Cat	
Additional info EAST		Struct	ıral O&M Constructional
Location Easement/Right of Way		Miscel	aneous Hydraulic
Project			Work Order
Northing 1163906.486	Easting 498112.229	Elevation	
Coordinate System US STATE PL	ANE1983 (NAD 1983)	GPS Accu	racy



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Setup 67 Surveyor TIM	Certificate	# U-307-1521	System Owner COLONY C	OVE
Drainage Survey C	Customer COLONY COVE			
P/O # Date	2012/05/01 Time 12:04	Street AMELO	AVE	
City ELLENTON	Further location detai	is 22875.1 219 AMELO	AVE	
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade	Ft
Finish LS 517 (1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstream	m Flow control	Media No	22875.1
Shape Circular	Height 8 Width	ins Preclean	J Year Clean	ed 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 13	33.0 Ft Length Surveye	d 133.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Si	tructural O&M	Constructional
Location Easement/Right of Way		M	iscellaneous Hydraulic	
Project			Work Order	
Northing 1163387.77	Easting 497377.53	Elevatio	n	
Coordinate System US STATE PI	LANE1983 (NAD 1983)	GPS A	Accuracy	



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Setup 67 Surveyor TIM	Certificate	# U-307-1521 \$	ystem Owner COLONY	COVE
Drainage Survey Cu	ustomer COLONY COVE			
P/O # Date 2	2012/05/01 Time 12:04	Street AMELO AVI	=	
City ELLENTON	Further location detail	s 22875.1 219 AMELO AV	E	
Start 22875 (1-1)	Rim to invert 7.30	Grade to invert	Rim to grade	Ft
Finish LS 517 (1)	Rim to invert	Grade to invert	Rim to grade	Ft
Use Sanitary	Direction Downstrear	n Flow control	Media No	22875.1
Shape Circular	Height 8 Width	ins Preclean J	Year Clea	ned 2012/04/30
Material Vitrified Clay Pipe	Joint length	Ft Total length 133.	Ft Length Survey	ed 133.00
Lining	Year laid	Year rehabilitated	Weather Dry	
Purpose		Cat		
Additional info SOUTH		Struc	ctural O&M	Constructional
Location Easement/Right of Way		Misc	ellaneous Hydraulic	
Project			Work Order	
Northing 1163387.77	Easting 497377.53	Elevation		
Coordinate System US STATE PLA	ANE1983 (NAD 1983)	GPS Acc	uracy	



Pine	Granhie	Report	of PSR	22875
ribe	Grabille	Kebur	ULFOR	22010

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for COLONY COVE INITIAL CCTV SANITAR

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Setup	67	Surveyo	r TIM		Certi	ficate #	# U	-307-15	21	Sys	stem O	wner	COLONY	COVE
Draina	ge		Survey	Customer	COLONY	COVE								
P/O #			Date	2012/05/01	Time	12:04	,	Street	AMEL	O AVE				
City	E	LLENTON		Further	location	n detail	s 22	875.1 2 ⁻	19 AMEI	O AVE				
Start	228	75 (1-1)		Rim to	invert	7.30	G	rade to	invert		Rir	n to g	rade	Ft
Finish	LS	517 (1)		Rim to	invert		G	rade to	invert		Rin	n to g	rade	Ft
Use S	anita	ıry		Direction	n Dow	nstrean	n !	Flow co	ontrol				Media No	22875.1
Shape	Circ	cular		Heigl	nt 8	Width		ins	Precle	an J			Year Clear	ned 2012/04/30
Materia	ıl V	itrified Clay P	ipe	Joir	t length	ı	Ft	Total	length	133.0	Ft	Leng	gth Surveye	ed 133.00
Lining				Yea	r laid		Year	rehabi	ilitated		Weat	her	Dry	
Purpos	e						Ca	t						
Additio	nali	info SOUTI	1							Struct	ural	O	ξM.	Constructional
Locatio	n E	asement/RigI	nt of Way							Misce	laneous	s Hy	draulic	
Project											Wor	k Orde	er	
Northin	g	1163387.77		Easting	497377	7.53			Eleva	tion				
Coordi	nate	System U	S STATE F	PLANE1983 (N.	AD 1983))			GP:	S Accu	racy			

