

Sheet 38	Surveyor's Name Roy Bass	Certificate Number U-316-07003375	Date 20250729
System Owner		Survey Customer	Time 14:34
Drainage Area		Locality/City Name Tulsa	
P.O. No		Location (No. & Name) 13309 E 33rd St	
Further Location Details		Inspection Level Level 2	
Outgoing Rim to Invert 11.0 ft	Outgoing Grade to Invert 11.0 ft	Rim to Grade 0.0 ft	
Use of Sewer Sanitary	Year Laid	Year Rehabilitated	Media Label
Purpose Sewer System Evaluation Survey		Sewer Category	
Pre-Cleaning No Pre-Cleaning	Date Cleaned	Weather	
Location Code Yard	Potential for Runoff	Evidence of Surcharge Yes	
Access Point Type Manhole		Coordinate System	
Northing	Easting	Elevation	Accuracy of GPS
Inspection Status Remote Inspection			
Additional Information			
Node Surface Types			

Concrete Pavement <input type="checkbox"/>	Concrete Collar <input type="checkbox"/>	Asphalt <input type="checkbox"/>	Grass / Dirt <input checked="" type="checkbox"/>	Gravel <input type="checkbox"/>	Other <input type="checkbox"/>
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**Cover**

Cover Shape	Circular	Cover Bearing Surface Diameter Width	
Cover Size	23.3 in	Cover Bearing Surface Diameter	23.0 in
Cover Size Width		# Vent Holes	
Cover Material	Cast Iron	Vent Hole Diameter	
Cover Frame Fit	Good		
Cover Type		Cover Condition	
<input checked="" type="checkbox"/> Solid	<input type="checkbox"/> Bolted	<input type="checkbox"/> Solid	<input type="checkbox"/> Missing
<input type="checkbox"/> Vented/Slots	<input type="checkbox"/> Locking	<input type="checkbox"/> Cracked	<input checked="" type="checkbox"/> Corroded/Pitted
<input type="checkbox"/> Gasketed	<input type="checkbox"/> Lamphole	<input type="checkbox"/> Broken	<input type="checkbox"/> Bolts Missing
<input type="checkbox"/> Hatch Single	<input type="checkbox"/> Inner Cover	<input type="checkbox"/> Restraint Missing	
<input type="checkbox"/> Hatch Double		<input type="checkbox"/> Restraint Defective	

**Cover Insert**

Cover Insert Type	None	Cover Insert Condition	
		<input type="checkbox"/> Solid	<input type="checkbox"/> Leaking
		<input type="checkbox"/> Poorly Fitting	<input type="checkbox"/> Corroded
		<input type="checkbox"/> Cracked/Torn/Holes	<input type="checkbox"/> Insert Fell

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**Adj. Ring**

Adjustment Ring Type None

Adjustment Ring Material

Adjustment Ring Height

**Adjustment Ring Condition**

<input type="checkbox"/> Sound	<input type="checkbox"/> Corroded/Pitted/Worn
<input type="checkbox"/> Cracked	<input type="checkbox"/> Leaking
<input type="checkbox"/> Broken	<input type="checkbox"/> Poor Installation

**Frame**

Frame Material Cast Iron

Frame Offset Distance 0.0 in

Frame Bearing Surface Width 0.8 in

Frame Depth

Frame Bearing Surface Depth 1.0 in

Frame Seal Inflow None

Frame Clear Opening Diameter 21.8 in

**Frame Condition**

<input type="checkbox"/> Sound	<input type="checkbox"/> Missing
<input type="checkbox"/> Cracked	<input checked="" type="checkbox"/> Corroded/Pitted/Worn
<input type="checkbox"/> Broken	<input type="checkbox"/> Coated

**Frame Seal Condition**

<input checked="" type="checkbox"/> Sound	<input type="checkbox"/> Loose/Not Attached
<input type="checkbox"/> Cracked	
<input type="checkbox"/> Broken	<input type="checkbox"/> Offset

**Chimney**

Chimney Material 1 Brick

Interior Chimney Coating/Liner Cementitious

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 1.5 in

**Cone**

Cone Type Conical centered

Cone Depth 3.4 in

Exterior Cone Coating/Liner

Cone Material Brick

Interior Cone Coating/Liner

**Wall**

Wall Diameter 1 48

Wall Depth 10.5 in

Wall Diameter 2

Interior Wall Coating/Liner Cementitious

Wall Material Brick

Exterior Wall Coating/Liner

**Bench**

Bench Present Y

Bench Material Concrete (non-reinforced)

Bench Coating/Liner Bench Liner

**Channel/Step****Channel**

Channel Material	Concrete (non-reinforced)
Channel Type	Concrete (non-reinforced)
Channel Exposure	F
Channel Installed	Y

**Step**

# Steps	6
Step Material	Metal

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**Pipe Connections**

Num	Clk	Rim to Pos	Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Condition	PSR
1	6	11.0		O	VCP	C	8		D	S	GR	Auto Pipe 75
	Mainline		Comments									
2	10	10.8		I	VCP	C	8		D	D	GR	Auto Pipe 76
	Mainline		Comments									
3	2	6.4		I	VCP	C	8	8	D	S	OU	Auto Pipe 77
	Mainline		Comments									
4	2	10.8		I	VCP	C	8		S	S	OL	Auto Pipe 78
	Mainline		Comments									

**Observations**

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.0 ft	CMI	LFZ							12	12	360-0.0
	Remarks	Exposed brick									
1.5 ft	CMI	IS							12	12	360-0.0
	Remarks	Repeating defect									
5.8 ft	WI	MGO									360-0.0
	Remarks	2:00, appears to be oxidation around the upper drop pipe, seal appears to be sound									
6.0 ft	WI	DAR	S01			15			4	5	360-0.0
	Remarks										
6.0 ft	WI	MGO									360-0.0
	Remarks	Appears to be mold, greenish-yellow in appearance at 4:00									
6.8 ft	WI	DAZ				5			11		360-0.0
	Remarks	Appears to be a Q-Tip									
6.8 ft	WI	VC									360-0.0
	Remarks										
9.0 ft	WI	DAR	F01			15			4	5	360-0.0
	Remarks										
10.4 ft	WI	DNZ				10			10		360-0.0
	Remarks	Pipe seal									
10.5 ft	B	DSC				15			11	2	360-0.0
	Remarks	80% coverage									