

Sheet 41	Surveyor's Name Roy Bass	Certificate Number U-316-07003375	Date 20250729
System Owner		Survey Customer	Time 15:17
Drainage Area		Locality/City Name Tulsa	
P.O. No		Location (No. & Name) 13329 E 33rd St	
Further Location Details		Inspection Level Level 2	
Outgoing Rim to Invert 6.5 ft	Outgoing Grade to Invert 6.5 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 No	
Access Point Type Manhole		Coordinate System	
Northing	Easting	Elevation	Accuracy of GPS
Inspection Status Remote Inspection			
Additional Information Channel is VCP			
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
Civer 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 checked="" type="checkbox"/> Solid	<input type="checkbox"/> Missing
<input type="checkbox"/> Vented/Slots	<input type="checkbox"/> Locking	<input type="checkbox"/> Cracked	<input 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
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**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**☐ Sound☐ Corroded/Pitted/Worn☐ Cracked☐ Leaking☐ Broken☐ 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 Infil Stained

Frame Clear Opening Diameter 21.8 in

**Frame Condition**☒ Sound☐ Missing☐ Cracked☐ Corroded/Pitted/Worn☐ Broken☐ Coated**Frame Seal Condition**☐ Sound☐ Loose/Not Attached☒ Cracked☐ Broken☐ 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 0.9 in

**Cone**

Cone Type Conical centered

Cone Depth 3.0 in

Exterior Cone Coating/Liner

Cone Material Brick

Interior Cone Coating/Liner

**Wall**

Wall Diameter 1 48

Wall Depth 6.0 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 Other

Channel Type Other

Channel Exposure F

Channel Installed Y

**Step**

# Steps 3

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	6.5		O	VCP	C	8		D	S	GR	Auto Pipe 85
	Mainline		Comments									
2	12	6.4		I	VCP	C	8		D	S	GR	Auto Pipe 86
	Mainline		Comments									

**Observations**

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
0.9 ft	CMI	LFZ							12	12	360-0.0
	Remarks	Exposed brick									
3.0 ft	WI	DNZ	S01			5			12	12	360-0.0
	Remarks	Appears to be calcium deposits, repeating defect throughout wall									
3.0 ft	WI	LFZ	S02						12	12	360-0.0
	Remarks	Lining material is deteriorated									
6.0 ft	WI	DNZ	F01			5			12	12	360-0.0
	Remarks	Appears to be calcium deposits, repeating defect throughout wall									
6.0 ft	WI	LFZ	F02						12	12	360-0.0
	Remarks	Lining material is deteriorated									
6.0 ft	B	MGO									360-0.0
	Remarks	Appears residual lining material has hardened on bench									