

Sheet 534	Surveyor's Name	Brian Kauppenin	Certificate Number	U-218-070300218	Date	20250219
System Owner			Survey Customer		Time	08:55
Drainage Area			Locality/City Name	Tulsa		
P.O. No			Location (No. & Name)	11607 E 24th St		
Further Location Details			Inspection Level	Level 2		
Outgoing Rim to Invert	10.6 ft	Outgoing Grade to Invert	10.2 ft	Rim to Grade	0.4 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 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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Survey Date 20250219

P.O. No

Location (No. &amp; Name) 11607 E 24th St

Inspection Level Level 2

Locality/City Name Tulsa

Inspection Status Remote Inspection

**Adj. Ring**

Adjustment Ring Type None

Adjustment Ring Material

Adjustment Ring Height

**Adjustment Ring Condition**☐ Sound☐ Cracked☐ Broken☐ Corroded/Pitted/Worn☐ Leaking☐ Poor Installation**Frame**

Frame Material Cast Iron

Frame Bearing Surface Width 0.8 in

Frame Bearing Surface Depth 1.0 in

Frame Clear Opening Diameter 21.8 in

Frame Offset Distance 0.0 in

Frame Depth

Frame Seal Inflow Infil Stained

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

Chimney Material 1 Brick

Chimney Material 2

Chimney Clear Opening

Chimney Depth 1.6 in

Interior Chimney Coating/Liner Cementitious

Exterior Chimney Coating/Liner

Chimney I/I

**Cone**

Cone Type Conical centered

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 4.3 in

Cone Material Brick

**Wall**

Wall Diameter 1 50

Wall Diameter 2

Wall Material Brick

Wall Depth 10.3 in

Interior Wall Coating/Liner Cementitious

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	10.6		O	VCP	C	8		S	S	GR	Auto Pipe 448C
	Mainline			Comments		Pipe appears to be slip lined, rehabbed with PE or plastic pipe, diameter of inner pipe appears smaller than original 8 inch, inner measurement at 6/7 inches						
2	9	8.8		I	VCP	C	8		D	S	OU	Auto Pipe 449C
	Mainline			Comments								
3	9	10.6		I	VCP	C	8		S	S	OL	Auto Pipe 450C
	Mainline			Comments								
4	12	10.6		I	VCP	C	8		D	D	GR	Auto Pipe 451C
	Mainline			Comments								

**Observations**

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
8.9 ft	WI	DAR				5			8		360-0.0
	Remarks										
10.1 ft	WI	CC							11	1	360-0.0
	Remarks		Includes pipe seal 3								
10.1 ft	WI	RFB							12	12	360-0.0
	Remarks		Unable to determine source								
10.4 ft	B	DSZ				5			12	12	360-0.0
	Remarks		Roots and sludge								
10.4 ft	B	LFD							10		360-0.0
	Remarks										