

Sheet 1343	Surveyor's Name	Brian Kauppenin	Certificate Number	U-218-070300218	Date	20250127
System Owner			Survey Customer		Time	13:59
Drainage Area			Locality/City Name	Tulsa		
P.O. No			Location (No. & Name)	474 W 23rd St		
Further Location Details			Inspection Level	Level 2		
Outgoing Rim to Invert	28.4 ft	Outgoing Grade to Invert	27.2 ft	Rim to Grade	1.2 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	Parking Lot	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	Surcharged approx. 2 feet, wall measurement taken from top of surcharge, bench and channel not visible					

Node Surface Types

Concrete Pavement	<input checked="" type="checkbox"/>	Concrete Collar	<input type="checkbox"/>	Asphalt	<input type="checkbox"/>	Grass / Dirt	<input 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

<input checked="" type="checkbox"/> Solid	<input type="checkbox"/> Bolted
<input type="checkbox"/> Vented/Slots	<input type="checkbox"/> Locking
<input type="checkbox"/> Gasketed	<input type="checkbox"/> Lamphole
<input type="checkbox"/> Hatch Single	<input type="checkbox"/> Inner Cover
<input type="checkbox"/> Hatch Double	

Cover Condition

<input checked="" type="checkbox"/> Solid	<input type="checkbox"/> Missing
<input type="checkbox"/> Cracked	<input type="checkbox"/> Corroded/Pitted
<input type="checkbox"/> Broken	<input type="checkbox"/> Bolts Missing
<input type="checkbox"/> Restraint Missing	
<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

- | | |
|----------------------------------|---|
| <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 checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input 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 5.3 in

Cone

Cone Type Conical centered

Cone Depth 7.4 in

Exterior Cone Coating/Liner

Cone Material Brick

Interior Cone Coating/Liner

Wall

Wall Diameter 1 49

Wall Depth 26.2 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 20

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	28.4		O	VCP	C	18		D	D	GR	Auto Pipe 2B
	Mainline			Comments		No visual due to surcharge						

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.1 ft	CMI	IS							9		360-0.0
	Remarks										
1.3 ft	CMI	FM							12	12	360-0.0
	Remarks										
1.5 ft	CMI	IS							6		360-0.0
	Remarks										
6.0 ft	COI	CM							12	12	360-0.0
	Remarks										
6.0 ft	COI	IS							12	12	360-0.0
	Remarks										
15.1 ft	WI	IS							4		360-0.0
	Remarks										
17.6 ft	WI	IS							4		360-0.0
	Remarks										
20.2 ft	WI	DAR				5			4		360-0.0
	Remarks										
24.1 ft	WI	DAE				5			5	11	360-0.0
	Remarks										
25.8 ft	WI	MGO									360-0.0
	Remarks Water mark										
26.1 ft	WI	MWL				5					360-0.0
	Remarks										