

Sheet 1146	Surveyor's Name Ian McInnis	Certificate Number P0039757-102022	Date 20250311
System Owner		Survey Customer	Time 10:19
Drainage Area		Locality/City Name Tulsa	
P.O. No		Location (No. & Name) 13440 E 21st St	
Further Location Details		Inspection Level Level 2	
Outgoing Rim to Invert 15.9 ft	Outgoing Grade to Invert 15.9 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 Light Highway	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 No chimney			
Node Surface Types			

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

- | | |
|----------------------------------|-----------------------------------------------|
| <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 Other

Interior Chimney Coating/Liner None - No Coating

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 0.0 in

Cone

Cone Type Conical centered

Cone Depth 3.7 in

Exterior Cone Coating/Liner

Cone Material Concrete (non-reinforced)

Interior Cone Coating/Liner

Wall

Wall Diameter 1 49

Wall Depth 15.3 in

Wall Diameter 2

Interior Wall Coating/Liner Cementitious

Wall Material Concrete (non-reinforced)

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	10
Step Material	Plastic

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Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Condition	PSR
1	6	15.9	O	VCP	C	10		S	S	GR	Auto Pipe 148E
	Mainline		Comments								
2	12	15.8	I	VCP	C	10		S	S	GR	Auto Pipe 149E
	Mainline		Comments								

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.0 ft	COI	CS							8	1	360-0.0
	Remarks										
1.0 ft	COI	IS							8	11	360-0.0
	Remarks										
1.0 ft	COI	LFDL							5	6	360-0.0
	Remarks										
6.7 ft	WI	DAZ				5			7	8	360-0.0
	Remarks		Appears to be mineral deposit								