

Sheet 181	Surveyor's Name	Brian Kauppenin	Certificate Number	U-218-070300218	Date	20241231
System Owner			Survey Customer		Time	16:45
Drainage Area			Locality/City Name	Tulsa		
P.O. No			Location (No. & Name)	14002 E 21st St		
Further Location Details			Inspection Level	Level 2		
Outgoing Rim to Invert	7.6 ft	Outgoing Grade to Invert	7.6 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	Parking Lot	Potential for Runoff	Evidence of Surcharge	Yes		
Access Point Type	Manhole	Coordinate System				
Northing		Elevation	Accuracy of GPS			
Inspection Status	Remote Inspection					
Additional Information	No chimney					
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
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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P.O. No

Location (No. &amp; Name) 14002 E 21st St

Inspection Level Level 2

Locality/City Name Tulsa

Inspection Status Remote Inspection

**Adj. Ring**

Adjustment Ring Type Solid

Adjustment Ring Material Cast Iron

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 None

Frame Clear Opening Diameter 21.3 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 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 4.3 in

Exterior Cone Coating/Liner

Cone Material Brick

Interior Cone Coating/Liner

**Wall**

Wall Diameter 1 50

Wall Depth 7.2 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 4

Step Material Metal

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**Pipe Connections**

Num	Clk Rim to		Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special	
	Pos	Invert								Condition	PSR
1	6	7.6	O	VCP	C	8		D	S	GR	Auto Pipe 280B
	Mainline		Comments								

**Observations**

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.1 ft	COI	CM							12	12	360-0.0
	Remarks										
1.7 ft	COI	IS							12	12	360-0.0
	Remarks										
1.7 ft	COI	RPP							4	7	360-0.0
	Remarks		Concrete patch								
7.3 ft	B	DSF				5			12	12	360-0.0
	Remarks										
7.5 ft	C	DSF				5			6		360-0.0
	Remarks										