

Sheet 536      Surveyor's Name Brian Kauppenin      Certificate Number U-218-070300218      Date 20250219  
System Owner      Survey Customer      Time 10:14  
Drainage Area      Locality/City Name Tulsa  
P.O. No      Location (No. & Name) 2211 S 124th E Ave  
Further Location Details      Inspection Level Level 2  
Outgoing Rim to Invert 6.3 ft      Outgoing Grade to Invert 6.3 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 Yes  
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 ☐      Concrete Collar ☐      Asphalt ☐      Grass / Dirt ☒      Gravel ☐      Other ☐

**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  
☒ Solid      ☐ Bolted  
☐ Vented/Slots      ☐ Locking  
☐ Gasketed      ☐ Lamphole  
☐ Hatch Single      ☐ Inner Cover  
☐ Hatch Double  
Cover Condition  
☒ Solid      ☐ Missing  
☐ Cracked      ☐ Corroded/Pitted  
☐ Broken      ☐ Bolts Missing  
☐ Restraint Missing  
☐ Restraint Defective

**Cover Insert**

Cover Insert Type None

**Cover Insert Condition**

☐ Solid      ☐ Leaking  
☐ Poorly Fitting      ☐ Corroded  
☐ Cracked/Torn/Holes      ☐ Insert Fell

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**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 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** None**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  
**Chimney Material 2**  
**Chimney Clear Opening**  
**Chimney Depth** 0.0 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** 3.0 in**Cone Material** Brick**Wall**

**Wall Diameter 1** 49  
**Wall Diameter 2**  
**Wall Material** Brick

**Wall Depth** 5.8 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** 3  
**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	6.3	O	VCP	C	8		S	D	GR	Auto Pipe 454C
	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	1	6.2	I	DIP	C	8		S	S	GR	Auto Pipe 455C
	Mainline		Comments								

**Observations**

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
2.0 ft	COI	DAE				5			6	11	360-0.0
	Remarks										
3.5 ft	WI	DAE				5			8	12	360-0.0
	Remarks										
5.9 ft	B	DSF				5			12	12	360-0.0
	Remarks										