

Sheet 1079      **Surveyor's Name** Brian Kauppenin      **Certificate Number** U-218-070300218      **Date** 20250811  
**System Owner**      **Survey Customer**      **Time** 10:17  
**Drainage Area**      **Locality/City Name** Tulsa  
**P.O. No**      **Location (No. & Name)** 12216 E 33rd St  
**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** frame has some corrosion  
**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**  

<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

**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 Concrete (non-reinforced)

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 type="checkbox"/> Sound              | <input type="checkbox"/> Loose/Not Attached |
| <input checked="" type="checkbox"/> Cracked |   |
| <input type="checkbox"/> Broken             | <input type="checkbox"/> Offset             |

**Chimney**

Chimney Material 1 Concrete (non-reinforced)

Interior Chimney Coating/Liner Cementitious

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 1.0 in

**Cone**

Cone Type Conical off centered

Cone Depth 3.7 in

Exterior Cone Coating/Liner

Cone Material Concrete (non-reinforced)

Interior Cone Coating/Liner

**Wall**

Wall Diameter 1 50

Wall Depth 6.0 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**

<b>Channel Material</b>	Concrete (non-reinforced)
<b>Channel Type</b>	Concrete (non-reinforced)
<b>Channel Exposure</b>	F
<b>Channel Installed</b>	Y

**Step**

<b># Steps</b>	4
<b>Step Material</b>	Plastic

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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	6.3		O	VCP	C	8		S	D	GR	Auto Pipe 552D
	Mainline			<b>Comments</b>		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	12	6.2		I	VCP	C	8		S	D	GR	Auto Pipe 553D
	Mainline			<b>Comments</b>		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						
3	3	6.2		I	VCP	C	8		D	D	GR	Auto Pipe 554D
	Mainline			<b>Comments</b>								

**Observations**

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
5.8 ft	WI	FC							10	6	360-0.0
	<b>Remarks</b>		Includes all pipe seals								
5.8 ft	WI	RFC							10	2	360-0.0
	<b>Remarks</b>										