

Sheet 69 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20241218
System Owner **Survey Customer** **Time** 18:03
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 2306 S 96th E Ave
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 19.7 ft **Outgoing Grade to Invert** 19.5 ft **Rim to Grade** 0.2 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 Easement/Right of Way **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, channel is brick
Node Surface Types

Concrete Pavement ☐ **Concrete Collar** ☐ **Asphalt** ☒ **Grass / Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover

Cover Shape Circular **Cover Bearing Surface Diameter Width**
Cover Size 31.3 in **Cover Bearing Surface Diameter** 31.0 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 Cast Iron

Frame Offset Distance 0.0 in

Frame Bearing Surface Width 1.0 in

Frame Depth

Frame Bearing Surface Depth 1.0 in

Frame Seal Inflow None

Frame Clear Opening Diameter 29.0 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 Flattop

Cone Depth 1.2 in

Exterior Cone Coating/Liner

Cone Material Concrete (reinforced)

Interior Cone Coating/Liner

Wall

Wall Diameter 1 96

Wall Depth 15.6 in

Wall Diameter 2

Interior Wall Coating/Liner Cured in Place

Wall Material Concrete (reinforced)

Exterior Wall Coating/Liner

Bench

Bench Present Y

Bench Material Brick

Bench Coating/Liner Bench Liner

Channel/Step**Channel**

Channel Material Other

Channel Type Other

Channel Exposure F

Channel Installed Y

Step

Steps 9

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	19.7	O	RCP	C	48		D	S	GR	Auto Pipe 164B
	Mainline		Comments		Pipe appears to be lined with CIPP						
2	12	19.5	I	RCP	C	48		S	S	GR	Auto Pipe 165B
	Mainline		Comments		Pipe appears to be lined with CIPP						

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.3 ft	WI	IS		Y					12	12	360-0.0
	Remarks										
3.0 ft	WI	RPP							9		360-0.0
	Remarks		CIP								
3.0 ft	WI	RPP							6		360-0.0
	Remarks		CIP								
5.0 ft	WI	MGO									360-0.0
	Remarks		Water mark								
5.9 ft	WI	IS		Y					12	12	360-0.0
	Remarks										
8.0 ft	WI	RPP							9		360-0.0
	Remarks		CIP								
8.0 ft	WI	RPP							6		360-0.0
	Remarks		CIP								
11.5 ft	WI	IS		Y					12	12	360-0.0
	Remarks										
13.3 ft	WI	DAR				5			2		360-0.0
	Remarks										
15.7 ft	B	MMM							12	12	360-0.0
	Remarks										