

Sheet 1012 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250731
System Owner **Survey Customer** **Time** 11:35
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 12637 E 31st Pl
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 8.4 ft **Outgoing Grade to Invert** 8.4 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 is concrete reinforced
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 Solid

Adjustment Ring Material Cast Iron

Adjustment Ring Height

Adjustment Ring Condition

- | | |
|---|---|
| <input checked="" 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 (reinforced)

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

- | | |
|--|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input checked="" 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 Brick

Chimney Material 2

Chimney Clear Opening

Chimney Depth 1.7 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 4.3 in

Cone Material Brick

Wall

Wall Diameter 1 52

Wall Diameter 2

Wall Material Brick

Wall Depth 8.0 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 N

Step

Steps 4

Step Material Metal

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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	8.4	O	VCP	C	10		S	D	GR	Auto Pipe 397D
	Mainline		Comments		Pipe appears to be slip lined, rehabbed with PE or plastic pipe, diameter of inner pipe appears smaller than original 10 inch, inner measurement at 8/9 inches						
2	12	.4	I	PVC	C	2		S	S	LB	Auto Pipe 398D
	Mainline		Comments								
3	3	.4	I	PVC	C	2		S	S	LB	Auto Pipe 399D
	Mainline		Comments								
4	3	8.3	I	VCP	C	8		D	D	GR	Auto Pipe 400D
	Mainline		Comments								

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.6 ft	CMI	IS							4		360-0.0
	Remarks										
1.6 ft	CMI	MMS							12	12	360-0.0
	Remarks										
7.7 ft	WI	CM							12	12	360-0.0
	Remarks		Includes both pipe seals								