

Sheet 741 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250317
System Owner **Survey Customer** **Time** 19:27
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 11690 E 21st St
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 9.4 ft **Outgoing Grade to Invert** 9.3 ft **Rim to Grade** 0.1 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
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☐ Sound☐ Cracked☐ Broken☐ Corroded/Pitted/Worn☐ Leaking☐ 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 Condition☒ Sound☐ Cracked☐ Broken☐ Missing☐ Corroded/Pitted/Worn☐ Coated

Frame Offset Distance 0.0 in

Frame Depth

Frame Seal Inflow Infil Stained

Frame Seal Condition☐ Sound☒ Cracked☐ Broken☐ Loose/Not Attached☐ Offset**Chimney**

Chimney Material 1 Other

Chimney Material 2

Chimney Clear Opening

Chimney Depth 0.0 in

Interior Chimney Coating/Liner None - No Coating

Exterior Chimney Coating/Liner

Chimney I/I

Cone

Cone Type Flattop

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 2.0 in

Cone Material Concrete (reinforced)

Wall

Wall Diameter 1 47

Wall Diameter 2

Wall Material Concrete (non-reinforced)

Wall Depth 8.7 in

Interior Wall Coating/Liner

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 5

Step Material Plastic

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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	9.4	O	DIP	C	10		S	S	GR	Auto Pipe 940C
	Mainline		Comments								
2	3	9.3	I	DIP	C	10		D	S	GR	Auto Pipe 941C
	Mainline		Comments								

Observations

Distance	Comp		Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.2 ft		COI	CM							12	12	360-0.0
	Remarks											
7.7 ft		WI	DAR				5			3		360-0.0
	Remarks											
8.8 ft		B	DSF				5			12	12	360-0.0
	Remarks											
9.2 ft		C	SZ							3	6	360-0.0
	Remarks		Some of the channel seems to be erroded away under the cementitious coating of the bench									