

Sheet 488 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250210
System Owner **Survey Customer** **Time** 09:31
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 1509 S 117th E Ave
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 5.0 ft **Outgoing Grade to Invert** 5.0 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, cover and frame have 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
Cover 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**

Sheet 488

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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 Offset Distance 0.0 in

Frame Depth

Frame Seal Inflow None

Frame Condition☒ Sound☐ Cracked☐ Broken☐ Missing☐ Corroded/Pitted/Worn☐ Coated**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 Conical centered

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 2.8 in

Cone Material Brick

Wall

Wall Diameter 1 51

Wall Diameter 2

Wall Material Brick

Wall Depth 4.6 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 1

Step Material Plastic

Sheet 488

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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	5.0		O	VCP	C	8		D	S	GR	Auto Pipe 340C
	Mainline		Comments									
2	12	4.9		I	VCP	C	8		D	S	GR	Auto Pipe 341C
	Mainline		Comments									
3	3	4.9		I	VCP	C	8		D	D	GR	Auto Pipe 342C
	Mainline		Comments									

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
3.1 ft	WE	LFPH							9		360-0.0
	Remarks										
3.1 ft	WI	RFB							9		360-0.0
	Remarks										
3.3 ft	WI	VC									360-0.0
	Remarks										
3.7 ft	WI	CM							9	4	360-0.0
	Remarks Includes pipe seal 3										
3.8 ft	WE	IS							12	1	360-0.0
	Remarks										
4.1 ft	WI	IS							2	4	360-0.0
	Remarks Pipe seal 3										
4.1 ft	WI	RFC							2	4	360-0.0
	Remarks Pipe seal 3										
4.2 ft	WI	DAE				5			7	8	360-0.0
	Remarks										
4.7 ft	B	DSZ				5			12	12	360-0.0
	Remarks Sludge and roots										