

Sheet 55 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20241218
System Owner **Survey Customer** **Time** 08:06
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 3656 S 103rd E Ave
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 20.0 ft **Outgoing Grade to Invert** 20.0 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 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 23.5 in **Cover Bearing Surface Diameter** 23.3 in
Civer 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 55

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Adj. Ring

Adjustment Ring Type Solid

Adjustment Ring Material Cast Iron

Adjustment Ring Height

Adjustment Ring Condition

☒ **Sound** ☐ **Corroded/Pitted/Worn**

☐ **Cracked** ☐ **Leaking**

☐ **Broken** ☐ **Poor Installation**

Frame

Frame Material Cast Iron

Frame Bearing Surface Width 0.5 in

Frame Bearing Surface Depth 1.5 in

Frame Clear Opening Diameter 22.5 in

Frame Offset Distance 0.0 in**Frame Depth****Frame Seal Inflow** Infil Stained**Frame Condition**

☒ **Sound** ☐ **Missing**

☐ **Cracked** ☐ **Corroded/Pitted/Worn**

☐ **Broken** ☐ **Coated**

Frame Seal Condition

☐ **Sound** ☐ **Loose/Not Attached**

☒ **Cracked**

☐ **Broken** ☐ **Offset**

Chimney

Chimney Material 1 Other

Chimney Material 2

Chimney Clear Opening

Chimney Depth 0.0 in

Interior Chimney Coating/Liner**Exterior Chimney Coating/Liner****Chimney I/I****Cone**

Cone Type Conical centered

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 5.8 in**Cone Material** Concrete (non-reinforced)**Wall**

Wall Diameter 1 48

Wall Diameter 2 48

Wall Material Concrete (non-reinforced)

Wall Depth 17.5 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 12

Step Material Metal

Sheet 55

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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	22.7		O	VCP	C	18		S	S	GR	Auto Pipe 1B
	Mainline		Comments									
2	12	19.9		I	VCP	C	18		S	S	GR	Auto Pipe 2B
	Mainline		Comments									

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.8 ft	COI	SAV							9	12	360-0.0
	Remarks										
2.0 ft	COI	SAV							4	6	360-0.0
	Remarks										
4.8 ft	COI	DAR				5			1	2	360-0.0
	Remarks										
5.9 ft	WI	CM							10	2	360-0.0
	Remarks										
5.9 ft	WI	IW							10		360-0.0
	Remarks										
6.1 ft	WI	DAR	S01			5			1	3	360-0.0
	Remarks										
6.5 ft	WI	SAV	S02						9	5	360-0.0
	Remarks										
12.7 ft	WI	MSC					48	72			360-0.0
	Remarks Wall size is best guess, unable to determine from point cloud										
12.7 ft	WI	SAV	F02						9	5	360-0.0
	Remarks										
16.6 ft	WI	DAR	F01			5			1	3	360-0.0
	Remarks										
17.6 ft	B	DSF				5			12	12	360-0.0
	Remarks										