

Sheet 324 Surveyor's Name Brian Kauppenin Certificate Number U-218-070300218 Date 20250123
System Owner Survey Customer Time 08:01
Drainage Area Locality/City Name Tulsa
P.O. No Location (No. & Name) 3601 S 115th E Ave
Further Location Details Inspection Level Level 2
Outgoing Rim to Invert 8.8 ft Outgoing Grade to Invert 8.6 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 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, channel is VCP, cover frame and adjustment 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
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

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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 0.8 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** ☐ **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 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 3.3 in**Cone Material** Brick**Wall**

Wall Diameter 1 49
Wall Diameter 2
Wall Material Brick

Wall Depth 8.3 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 Other
Channel Type Other
Channel Exposure F
Channel Installed Y

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	8.0		O	VCP	C	8		D	S	GR	Auto Pipe 607B
	Mainline		Comments									
2	12	8.6		I	VCP	C	8		D	S	GR	Auto Pipe 608B
	Mainline		Comments									
3	3	6.7		I	VCP	C	8		D	D	GR	Auto Pipe 609B
	Mainline		Comments									
4	3	8.5		I	VCP	C	8		D	S	OL	Auto Pipe 610B
	Mainline		Comments									

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
6.7 ft	WI	FC							12	12	360-0.0
	Remarks	Includes pipe seal 3									
6.7 ft	WI	IS							12	12	360-0.0
	Remarks	Includes pipe seal 3									
6.7 ft	WI	RFB							12	12	360-0.0
	Remarks										
8.4 ft	B	DSG				5			12	12	360-0.0
	Remarks	V									
8.5 ft	C	DSG				15			3		360-0.0
	Remarks	V									
8.6 ft	C	OBM				5			3		360-0.0
	Remarks										