

Sheet 1149 Surveyor's Name Ian McInnis Certificate Number P0039757-102022 Date 20250311
System Owner Survey Customer Time 11:22
Drainage Area Locality/City Name Tulsa
P.O. No Location (No. & Name) 2102 S 137th E Ave
Further Location Details Inspection Level Level 2
Outgoing Rim to Invert 13.3 ft Outgoing Grade to Invert 13.3 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 Light Highway 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
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 None

Adjustment Ring Material

Adjustment Ring Height

Adjustment Ring Condition

<input 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 Cast Iron

Frame Offset Distance 0.0 in

Frame Bearing Surface Width 0.8 in

Frame Depth

Frame Bearing Surface Depth 1.0 in

Frame Seal Inflow None

Frame Clear Opening Diameter 21.8 in

Frame Condition

<input type="checkbox"/> Sound	<input type="checkbox"/> Missing
<input type="checkbox"/> Cracked	<input checked="" type="checkbox"/> Corroded/Pitted/Worn
<input 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 Concrete (non-reinforced)

Interior Chimney Coating/Liner Cementitious

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 1.2 in

Cone

Cone Type Conical centered

Cone Depth 5.0 in

Exterior Cone Coating/Liner

Cone Material Concrete (non-reinforced)

Interior Cone Coating/Liner

Wall

Wall Diameter 1 49

Wall Depth 12.8 in

Wall Diameter 2

Interior Wall Coating/Liner Cementitious

Wall Material Concrete (non-reinforced)

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	9
Step Material	Plastic

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Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Condition	PSR
1	6	13.3	O	VCP	C	10		S	S	GR	Auto Pipe 154E
	Mainline		Comments								
2	9	13.2	I	VCP	C	10		S	S	GR	Auto Pipe 155E
	Mainline		Comments								
3	3	9.7	I	VCP	C	8		S	D	OU	Auto Pipe 156E
	Mainline		Comments								
4	3	13.0	I	VCP	C	8		S	S	OL	Auto Pipe 157E
	Mainline		Comments								

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.1 ft	CMI	CM							12	12	360-0.0
	Remarks										
6.6 ft	WI	SSS							9	10	360-0.0
	Remarks										
9.2 ft	WI	SSS							2	3	360-0.0
	Remarks										
9.6 ft	WI	DAR				5			7		360-0.0
	Remarks Appears to be surcharge evidence										
9.7 ft	WI	IS							3		360-0.0
	Remarks Pipe seal										
10.2 ft	WI	SSS							7	11	360-0.0
	Remarks										
12.0 ft	WI	DAR				5			7	8	360-0.0
	Remarks Appears to be surcharge evidence										
12.2 ft	WI	SSS							5	11	360-0.0
	Remarks										
12.8 ft	B	DSF				5			9	3	360-0.0
	Remarks										