

Sheet 1148 Surveyor's Name Ian McInnis Certificate Number P0039757-102022 Date 20250311
System Owner Survey Customer Time 11:00
Drainage Area Locality/City Name Tulsa
P.O. No Location (No. & Name) 13540 E 21st St
Further Location Details Inspection Level Level 2
Outgoing Rim to Invert 14.0 ft Outgoing Grade to Invert 14.0 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 Light Highway Potential for Runoff Evidence of Surcharge No
Access Point Type Manhole Coordinate System
Northing Easting Elevation Accuracy of GPS
Inspection Status Remote Inspection
Additional Information No chimney, frame seal appears to be cracked and intruding sealing material
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☐ 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 Conical centered

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 3.7 in

Cone Material Concrete (non-reinforced)

Wall

Wall Diameter 1 52

Wall Diameter 2

Wall Material Concrete (non-reinforced)

Wall Depth 13.5 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 9

Step Material Metal

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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	14.0	O	VCP	C	10		S	S	GR	Auto Pipe 152E
	Mainline		Comments								
2	12	13.9	I	VCP	C	10		S	S	GR	Auto Pipe 153E
	Mainline		Comments								

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
13.1 ft	WI	LFDL							6	8	360-0.0
	Remarks										
13.5 ft	B	DSF				5			12	12	360-0.0
	Remarks										