

Sheet 386 Surveyor's Name Brian Kauppenin Certificate Number U-218-070300218 Date 20250128
System Owner Survey Customer Time 10:57
Drainage Area Locality/City Name Tulsa
P.O. No Location (No. & Name) 2141 S 120th E Ave
Further Location Details Inspection Level Level 2
Outgoing Rim to Invert 13.2 ft Outgoing Grade to Invert 12.2 ft Rim to Grade 1.0 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
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

Sheet 386

Survey Date 20250128

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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 checked="" type="checkbox"/> Sound	<input type="checkbox"/> Missing
<input type="checkbox"/> Cracked	<input type="checkbox"/> Corroded/Pitted/Worn
<input type="checkbox"/> Broken	<input type="checkbox"/> Coated

Frame Seal Condition

<input type="checkbox"/> Sound	<input type="checkbox"/> Loose/Not Attached
<input checked="" type="checkbox"/> Cracked	
<input type="checkbox"/> Broken	<input type="checkbox"/> Offset

Chimney

Chimney Material 1 Other

Interior Chimney Coating/Liner None - No Coating

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 0.0 in

Cone

Cone Type Conical centered

Cone Depth 3.4 in

Exterior Cone Coating/Liner None - No Coating

Cone Material Brick

Interior Cone Coating/Liner None - No Coating

Wall

Wall Diameter 1 50

Wall Depth 12.5 in

Wall Diameter 2

Interior Wall Coating/Liner Cementitious

Wall Material Brick

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	8
Step Material	Metal

Sheet 386

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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	13.2	O	VCP	C	12		S	S	GR	Auto Pipe 109C
	Mainline		Comments								
2	12	7.1	I	VCP	C	8		S	S	OU	Auto Pipe 110C
	Mainline		Comments Pipe appears to be slip lined, rehabbed with PE or plastic pipe, diameter of inner pipe appears smaller than original 8 inch, inner measurement at 6/7 inches								
3	12	12.9	I	VCP	C	8		S	D	OL	Auto Pipe 111C
	Mainline		Comments								
4	3	12.9	I	VCP	C	8		D	S	GR	Auto Pipe 112C
	Mainline		Comments								

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
8.0 ft	WI	DNF				5			12	12	360-0.0
	Remarks										
8.0 ft	WI	FC							12	12	360-0.0
	Remarks										
8.0 ft	WI	IS							3	8	360-0.0
	Remarks										
8.0 ft	WI	IW							8	3	360-0.0
	Remarks										
8.0 ft	WI	RFB							12	12	360-0.0
	Remarks										
8.5 ft	WI	DAR				5			4	5	360-0.0
	Remarks On 3 steps										
12.2 ft	WI	CC							12	1	360-0.0
	Remarks Pipe seal 3										
12.2 ft	WI	IS							12		360-0.0
	Remarks Pipe seal 3										
12.2 ft	WI	RFC							12		360-0.0
	Remarks Pipe seal 3										
12.6 ft	B	DSF				5			12	12	360-0.0
	Remarks										