

Sheet 329 Surveyor's Name Brian Kauppenin Certificate Number U-218-070300218 Date 20250123
System Owner Survey Customer Time 12:46
Drainage Area Locality/City Name Tulsa
P.O. No Location (No. & Name) 3613 S 117th E Ave
Further Location Details Inspection Level Level 2
Outgoing Rim to Invert 8.1 ft Outgoing Grade to Invert 8.1 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 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
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 0.8 in

Frame Clear Opening Diameter 21.8 in

Frame Offset Distance 0.0 in

Frame Depth

Frame Seal Inflow None

Frame Condition☒ Sound☐ Cracked☐ Broken☐ Missing☐ Corroded/Pitted/Worn☐ Coated**Frame Seal Condition**☐ Sound☒ Cracked☐ Broken☐ Loose/Not Attached☐ Offset**Chimney**

Chimney Material 1 Brick

Chimney Material 2

Chimney Clear Opening

Chimney Depth 1.2 in

Interior Chimney Coating/Liner Cementitious

Exterior Chimney Coating/Liner

Chimney I/I

Cone

Cone Type Conical centered

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 3.2 in

Cone Material Brick

Wall

Wall Diameter 1 48

Wall Diameter 2

Wall Material Brick

Wall Depth 7.7 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 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	8.1		O	VCP	C	8		D	S	GR	Auto Pipe 621B
	Mainline		Comments									
2	9	8.0		I	VCP	C	8		D	S	GR	Auto Pipe 622B
	Mainline		Comments									
3	12	5.6		I	VCP	C	8		D	S	OU	Auto Pipe 623B
	Mainline		Comments									
4	12	8.0		I	VCP	C	8		S	S	OL	Auto Pipe 624B
	Mainline		Comments									

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.3 ft	COI	CC							5	11	360-0.0
	Remarks										
1.3 ft	COI	IW							5	11	360-0.0
	Remarks										
1.3 ft	COI	LFZ							10		360-0.0
	Remarks Exposed brick										
2.0 ft	COI	VC									360-0.0
	Remarks										
2.0 ft	COI	VC									360-0.0
	Remarks										
6.1 ft	WI	DAR				5			8		360-0.0
	Remarks										
7.5 ft	WI	MGO									360-0.0
	Remarks Cracks visible through cementitious coating										