

Sheet 1357 Surveyor's Name Roy Bass

Certificate Number U-316-07003375

Date 20250903

System Owner

Survey Customer

Time 13:44

Drainage Area

Locality/City Name Tulsa

P.O. No

Location (No. & Name) 9503 E 21st St

Further Location Details

Inspection Level Level 2

Outgoing Rim to Invert 15.4 ft

Outgoing Grade to Invert 14.4 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 Easement/Right of Way

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

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Solid | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> 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 1.0 in

Frame Depth

Frame Bearing Surface Depth 0.8 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 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 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 Flattop

Cone Depth 1.6 in

Exterior Cone Coating/Liner

Cone Material Concrete (reinforced)

Interior Cone Coating/Liner

Wall

Wall Diameter 1 48

Wall Depth 12.8 in

Wall Diameter 2

Interior Wall Coating/Liner None - No Coating

Wall Material Concrete (reinforced)

Exterior Wall Coating/Liner

Bench

Bench Present Y

Bench Material Concrete (reinforced)

Bench Coating/Liner Bench Liner

Channel/Step**Channel**

Channel Material Concrete (reinforced)

Channel Type Concrete (reinforced)

Channel Exposure F

Channel Installed Y

Step

Steps 8

Step Material Plastic

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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	15.4		O	DIP	C	21		D	D	GR	Auto Pipe 2817
	Mainline		Comments									
2	11	15.4		I	DIP	C	12		D	D	GR	Auto Pipe 2818
	Mainline		Comments									
3	12	15.3		I	DIP	C	16		D	D	GR	Auto Pipe 2819
	Mainline		Comments									
4	1	15.2		I	DIP	C	16		D	D	GR	Auto Pipe 2820
	Mainline		Comments									

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.6 ft	WI	SRI	S01						12	12	360-0.0
	Remarks										
2.6 ft	WI	DAR	S02			10			3		360-0.0
	Remarks										
7.5 ft	WI	IS							4		360-0.0
	Remarks										
7.6 ft	WI	DNZ				10			3		360-0.0
	Remarks Appears to be calcium deposits										
8.2 ft	WI	IS							10		360-0.0
	Remarks										
8.2 ft	WI	MSC					99.9	99.9			360-0.0
	Remarks Wall diameter changes to 134 x 134										
12.0 ft	WI	DAR	F02			10			3		360-0.0
	Remarks										
12.1 ft	B	DSC				15			12	12	360-0.0
	Remarks										
12.8 ft	WI	SRI	F01						12	12	360-0.0
	Remarks										
15.0 ft	C	SRI							12	12	360-0.0
	Remarks										