

Sheet 836 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250402
System Owner **Survey Customer** **Time** 13:19
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 1636 S 117th E Ave
Further Location Details Is in front yard, GIS shows back yard **Inspection Level** Level 2
Outgoing Rim to Invert 11.8 ft **Outgoing Grade to Invert** 11.8 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 32.3 in **Cover Bearing Surface Diameter** 32.0 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 836

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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 1.0 in

Frame Bearing Surface Depth 1.5 in

Frame Clear Opening Diameter 30.0 in

Frame Condition☒ Sound☐ Cracked☐ Broken☐ Missing☐ Corroded/Pitted/Worn☐ Coated

Frame Offset Distance 0.0 in

Frame Depth

Frame Seal Inflow None

Frame Seal Condition☒ Sound☐ Cracked☐ Broken☐ Loose/Not Attached☐ Offset**Chimney**

Chimney Material 1 Concrete (non-reinforced)

Chimney Material 2

Chimney Clear Opening

Chimney Depth 1.0 in

Interior Chimney Coating/Liner Cementitious

Exterior Chimney Coating/Liner

Chimney I/I

Cone

Cone Type Flattop

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 2.3 in

Cone Material Concrete (reinforced)

Wall

Wall Diameter 1 48

Wall Diameter 2

Wall Material Concrete (reinforced)

Wall Depth 11.3 in

Interior Wall Coating/Liner None - No Coating

Exterior Wall Coating/Liner

Bench

Bench Present Y

Bench Material Concrete (non-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 0

Step Material

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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	11.8	O	PVC	C	10		S	S	GR	Auto Pipe 1169C
	Mainline		Comments								
2	12	11.7	I	PVC	C	10		S	S	GR	Auto Pipe 1170C
	Mainline		Comments								
3	3	11.1	I	PVC	C	8		S	S	LB	Auto Pipe 1171C
	Mainline		Comments								

Observations

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
2.8 ft	WI	MGO									360-0.0
	Remarks	Three lifting loops left from install of MH									
4.2 ft	WI	MGO									360-0.0
	Remarks	Water mark									
11.3 ft	B	DSF				5			6	12	360-0.0
	Remarks										
11.3 ft	B	DSZ				5			1	5	360-0.0
	Remarks	Toilet paper and sludge									