

Sheet 286 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250114
System Owner **Survey Customer** **Time** 13:07
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 3608 S 114th E Ave
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 12.1 ft **Outgoing Grade to Invert** 12.1 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 frame has some corrosion
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 |

Sheet 286

Survey Date 20250114

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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 1.0 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 type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input checked="" 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 type="checkbox"/> Cracked | |
| <input type="checkbox"/> Broken | <input checked="" type="checkbox"/> Offset |

Chimney

Chimney Material 1 Brick

Interior Chimney Coating/Liner Cementitious

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 1.0 in

Cone

Cone Type Conical centered

Cone Depth 3.2 in

Exterior Cone Coating/Liner

Cone Material Concrete (non-reinforced)

Interior Cone Coating/Liner

Wall

Wall Diameter 1 49

Wall Depth 11.7 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 | 7 |
| Step Material | Metal |

Sheet 286

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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 | 12.1 | | O | VCP | C | 8 | | D | D | GR | Auto Pipe 517B |
| | Mainline | | Comments | | | | | | | | | |
| 2 | 12 | 12.0 | | I | VCP | C | 8 | | D | D | GR | Auto Pipe 518B |
| | Mainline | | Comments | | | | | | | | | |

Observations

| Distance | Comp | Code | CD | Jnt | Stp | % | In1 | In2 | Fr | To | Video Reference |
|----------|---------|------|--------------------------|-----|-----|---|-----|-----|----|----|-----------------|
| 0.9 ft | | CMI | LFZ | | | | | | 12 | 12 | 360-0.0 |
| | Remarks | | Exposed bricks | | | | | | | | |
| 11.3 ft | | WI | FC | | | | | | 12 | 12 | 360-0.0 |
| | Remarks | | Includes both pipe seals | | | | | | | | |
| 11.3 ft | | WI | IS | | | | | | 12 | 12 | 360-0.0 |
| | Remarks | | Includes both pipe seals | | | | | | | | |
| 11.3 ft | | WI | RFB | | | | | | 12 | 12 | 360-0.0 |
| | Remarks | | Includes both pipe seals | | | | | | | | |
| 11.8 ft | | B | DSG | | | 5 | | | 1 | 3 | 360-0.0 |
| | Remarks | | V | | | | | | | | |
| 11.8 ft | | B | DSZ | | | 5 | | | 12 | 12 | 360-0.0 |
| | Remarks | | Roots | | | | | | | | |