

Sheet 274 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250113
System Owner **Survey Customer** **Time** 15:30
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 1633 S 131st E Pl
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 11.4 ft **Outgoing Grade to Invert** 10.8 ft **Rim to Grade** 0.6 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
Cover 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 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 Brick

Interior Chimney Coating/Liner Cementitious

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 2.2 in

Cone

Cone Type Conical centered

Cone Depth 4.3 in

Exterior Cone Coating/Liner

Cone Material Concrete (non-reinforced)

Interior Cone Coating/Liner

Wall

Wall Diameter 1 48

Wall Depth 10.9 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 | 3 |
| 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 | 11.4 | | O | VCP | C | 8 | | S | D | GR | Auto Pipe 489B |
| | Mainline | | Comments | | | | | | | | | |
| 2 | 9 | 9.5 | | I | VCP | C | 8 | | S | S | OU | Auto Pipe 490B |
| | 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 | 9 | 11.1 | | I | VCP | C | 8 | | S | D | OL | Auto Pipe 491B |
| | Mainline | | Comments | | | | | | | | | |
| 4 | 12 | 7.2 | | I | VCP | C | 8 | | D | D | OU | Auto Pipe 492B |
| | 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 | | | | | | | | | |
| 5 | 12 | 11.0 | | I | VCP | C | 8 | | S | D | OL | Auto Pipe 493B |
| | Mainline | | Comments | | | | | | | | | |

Observations

| Distance | Comp | Code | CD | Jnt | Stp | % | In1 | In2 | Fr | To | Video Reference |
|----------|--|------|----|-----|-----|---|-----|-----|----|----|-----------------|
| 2.3 ft | COI | FC | | | | | | | 12 | 12 | 360-0.0 |
| | Remarks | | | | | | | | | | |
| 6.5 ft | WI | CC | | | | | | | 12 | 1 | 360-0.0 |
| | Remarks Pipe seal 3 | | | | | | | | | | |
| 6.5 ft | WI | RFC | | | | | | | 12 | | 360-0.0 |
| | Remarks Pipe seal 3 | | | | | | | | | | |
| 8.9 ft | WI | DAR | | | | 5 | | | 7 | | 360-0.0 |
| | Remarks | | | | | | | | | | |
| 10.5 ft | WI | CC | | | | | | | 12 | 12 | 360-0.0 |
| | Remarks Includes pipe seals 1, 3 and 5 | | | | | | | | | | |
| 10.5 ft | WI | DAE | | | | 5 | | | 12 | 12 | 360-0.0 |
| | Remarks Includes pipe seals 1, 3 and 5 | | | | | | | | | | |
| 10.5 ft | WI | IW | | | | | | | 12 | 12 | 360-0.0 |
| | Remarks Includes pipe seals 1, 3 and 5 | | | | | | | | | | |
| 10.5 ft | WI | RFB | | | | | | | 12 | 6 | 360-0.0 |
| | Remarks Includes pipe seals 5 and 1 | | | | | | | | | | |