

Sheet 945 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250724
System Owner **Survey Customer** **Time** 14:14
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 3410 S 132nd E Ave
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 13.5 ft **Outgoing Grade to Invert** 13.5 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

| | |
|---|--------------------------------------|
| <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☐ 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 1.0 in

Frame Clear Opening Diameter 21.8 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 Brick

Chimney Material 2

Chimney Clear Opening

Chimney Depth 1.8 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 4.0 in

Cone Material Brick

Wall

Wall Diameter 1 47

Wall Diameter 2

Wall Material Brick

Wall Depth 13.0 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 8

Step Material Plastic

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Pipe Connections

| Num | Clk Rim to | | Direc | Material | Shape | Diam | Width | Pipe Cond | Seal Cond | Special | |
|-----|------------|--------|----------|----------|-------|------|-------|-----------|-----------|-----------|----------------|
| | Pos | Invert | | | | | | | | Condition | PSR |
| 1 | 6 | 13.5 | O | VCP | C | 8 | | S | S | GR | Auto Pipe 244D |
| | Mainline | | Comments | | | | | | | | |
| 2 | 9 | 9.0 | I | VCP | C | 8 | | D | S | OU | Auto Pipe 245D |
| | Mainline | | Comments | | | | | | | | |
| 3 | 9 | 13.3 | I | VCP | C | 8 | | S | S | OL | Auto Pipe 246D |
| | Mainline | | Comments | | | | | | | | |
| 4 | 3 | 13.2 | I | VCP | C | 8 | | S | S | GR | Auto Pipe 247D |
| | Mainline | | Comments | | | | | | | | |

Observations

| Distance | Comp | Code | CD | Jnt | Stp | % | In1 | In2 | Fr | To | Video Reference |
|----------|---------|------|----|-----|-----|---|-----|-----|----|----|-----------------|
| 10.9 ft | WI | DAR | | | | 5 | | | 7 | 8 | 360-0.0 |
| | Remarks | | | | | | | | | | |
| 13.1 ft | B | DSF | | | | 5 | | | 12 | 12 | 360-0.0 |
| | Remarks | | | | | | | | | | |