

Sheet 1020 **Surveyor's Name** Brian Kauppenin **Certificate Number** U-218-070300218 **Date** 20250731
System Owner **Survey Customer** **Time** 16:20
Drainage Area **Locality/City Name** Tulsa
P.O. No **Location (No. & Name)** 12665 E 31st Ct
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 7.5 ft **Outgoing Grade to Invert** 7.1 ft **Rim to Grade** 0.4 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
☒ **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**

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Adj. Ring

Adjustment Ring Type None

Adjustment Ring Material

Adjustment Ring Height

Adjustment Ring Condition☐ Sound☐ Corroded/Pitted/Worn☐ Cracked☐ Leaking☐ Broken☐ 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☒ Sound☐ Missing☐ Cracked☐ Corroded/Pitted/Worn☐ Broken☐ Coated**Frame Seal Condition**☒ Sound☐ Loose/Not Attached☐ Cracked☐ Broken☐ 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 1.7 in

Cone

Cone Type Conical centered

Cone Depth 3.7 in

Exterior Cone Coating/Liner

Cone Material Brick

Interior Cone Coating/Liner

Wall

Wall Diameter 1 50

Wall Depth 7.3 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 4

Step Material Metal

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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 | 7.5 | O | VCP | C | 8 | | S | D | GR | Auto Pipe 416D |
| | 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 | | | | | | |

Observations

| Distance | Comp | Code | CD | Jnt | Stp | % | In1 | In2 | Fr | To | Video Reference | |
|----------|---------|------|----------------------|-----|-----|---|-----|-----|----|----|-----------------|--|
| 7.0 ft | WI | FC | | | | | | | 12 | 12 | 360-0.0 | |
| | Remarks | | Includes pipe seal 1 | | | | | | | | | |
| 7.0 ft | WI | IS | | | | | | | 12 | 12 | 360-0.0 | |
| | Remarks | | | | | | | | | | | |