

Sheet 476      **Surveyor's Name** Brian Kauppenin      **Certificate Number** U-218-070300218      **Date** 20250207  
**System Owner**      **Survey Customer**      **Time** 13:49  
**Drainage Area**      **Locality/City Name** Tulsa  
**P.O. No**      **Location (No. & Name)** 11305 E 17th St  
**Further Location Details**      **Inspection Level** Level 2  
**Outgoing Rim to Invert** 7.7 ft      **Outgoing Grade to Invert** 7.6 ft      **Rim to Grade** 0.1 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** No chimney  
**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**☐ 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 Other

Chimney Material 2

Chimney Clear Opening

Chimney Depth 0.0 in

Interior Chimney Coating/Liner None - No Coating

Exterior Chimney Coating/Liner

Chimney I/I

**Cone**

Cone Type Conical centered

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 3.1 in

Cone Material Brick

**Wall**

Wall Diameter 1 50

Wall Diameter 2

Wall Material Brick

Wall Depth 7.3 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 4

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          | 7.7    | O               | VCP      | C   | 8    |       | S         | S         | GR        | Auto Pipe 316C |
|     | Mainline   |        | <b>Comments</b> |          | 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 |
|----------|--|------|----|-----|-----|---|-----|-----|----|----|-----------------|
| 1.3 ft   | COI                                    | VC   |    |     |     |   |     |     |    |    | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 2.2 ft   | COI                                    | DAE  |    |     |     | 5 |     |     | 4  | 5  | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 3.0 ft   | COI                                    | IS   |    |     |     |   |     |     | 10 | 11 | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 3.0 ft   | COI                                    | LFPH |    |     |     |   |     |     | 10 | 11 | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 7.0 ft   | WI                                     | FC   |    |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 7.0 ft   | WI                                     | IW   |    |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 7.0 ft   | WI                                     | RFB  |    |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 7.4 ft   | B                                      | DSF  |    |     |     | 5 |     |     | 12 | 12 | 360-0.0         |
|          | <b>Remarks</b>                         |      |    |     |     |   |     |     |    |    |                 |
| 7.6 ft   | C                                      | DSZ  |    |     |     | 5 |     |     | 6  |    | 360-0.0         |
|          | <b>Remarks</b> Toilet paper and sludge |      |    |     |     |   |     |     |    |    |                 |