

Sheet 123 Surveyor's Name Brian Kauppenin Certificate Number U-218-070300218 Date 20241224
System Owner Survey Customer Time 15:28
Drainage Area Locality/City Name Tulsa
P.O. No Location (No. & Name) 13641 E 21st St
Further Location Details Inspection Level Level 2
Outgoing Rim to Invert 6.8 ft Outgoing Grade to Invert 6.5 ft Rim to Grade 0.3 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 Woods Potential for Runoff Evidence of Surcharge No
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
☒ 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 None - No Coating

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 0.0 in

Cone

Cone Type Conical centered

Cone Depth 4.0 in

Exterior Cone Coating/Liner

Cone Material Brick

Interior Cone Coating/Liner

Wall

Wall Diameter 1 48

Wall Depth 6.0 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 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 | 6.8 | O | VCP | C | 10 | | S | S | GR | Auto Pipe 144B |
| | Mainline | | Comments | | | | | | | | |
| 2 | 12 | 6.7 | I | VCP | C | 10 | | D | S | GR | Auto Pipe 145B |
| | Mainline | | Comments | | | | | | | | |

Observations

| Distance | Comp | Code | CD | Jnt | Stp | % | In1 | In2 | Fr | To | Video Reference |
|----------|---------|------|----|-----|-----|---|-----|-----|----|----|-----------------|
| 1.9 ft | COI | DAE | | | | 5 | | | 3 | 5 | 360-0.0 |
| | Remarks | | | | | | | | | | |
| 1.9 ft | COI | RFB | | | | | | | 3 | | 360-0.0 |
| | Remarks | | | | | | | | | | |
| 2.7 ft | COI | CM | | | | | | | 7 | 4 | 360-0.0 |
| | Remarks | | | | | | | | | | |
| 3.0 ft | COI | IW | | | | | | | 7 | 4 | 360-0.0 |
| | Remarks | | | | | | | | | | |