

2 Tues. 2 Mar.

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WESTERN VIRGINIA
WATER AUTHORITY
ROANOKE, VIRGINIA
Lids are not H₂O-tight.

Taped 6.27.17 Disc 6
side A
side B
switched to side B 1/2 way thru.

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10/01/16
PROFESSIONAL ENGINEER

No.	Submittal/Revision	App'd.	By	Date
-	Bid Issue	DBH	KJV	10/07/16
A	50% Submission	DBH	KJV	05/12/16

CONTRACT 1 -
2016 SANITARY SEWER REHABILITATION

5300 Block Grandin Rd

Designed By: KJV	Project No: 31237	Drawing No.:
Drawn By: KJV	Scale: AS SHOWN	C-139
Checked By: DBH	Issue Date: October 2016	

- Legend**
- Sanitary Manhole
 - Sanitary Sewer
- Contract 1A - Sanitary Sewer Line Rehabilitation**
- Sanitary Sewer Rehabilitation**
- Line
 - Burst
- Lateral Rehabilitation**
- Capped- Do Not Reinststate
 - Replace
 - Replace - Pavement
 - Trim and Replace
 - Trim and Replace - Pavement
 - Trim - Do Not Reinststate
 - Assist Owner to Verify Active - Replace if Active
 - Verify Active - Pavement
 - Existing PVC - Reconnect at Sewer Main
 - Existing PVC - Pavement - Reconnect at Sewer Main
- Contract 1B - Manhole Rehabilitation**
- Install Water-Resistant F&C
 - Reseal Existing Frame
 - Install Standard F&C
 - Seal Chimney
 - Cementitious Line Manhole
 - ✳ Repair Crack/Holes in Wall
 - ⊕ Seal Pipe Connections
 - Seal Wall/Bench Connection
 - ✳ Repair Crack/Holes in Bench
 - ★ Install 8-inch Cleanout

Manhole No.	Manhole Depth (ft)
01B-4244.0	8.3

Pipe segment contains PVC point repairs.

Laterals are 4" SDR-26 North American PVC
Pipe is 8" North American SDR-21 Certa-Lok PVC

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SHEET 139



0 100 200 300 400 500 Feet