


● Sanitary Manhole
 — Sanitary Sewer
Contract 1A - Sanitary Sewer Line Rehabilitation

Line
Burst

● Capped- Do Not Reinstate

 Replace

■ ■ ■ Replace - Pavement

 Trim and Replace

- Trim and Replace - Pavement

 Trim - Do Not Reinstate

Assist Owner to Verify
Active - Replace if Active

 Verify Active - Pavement

Existing PVC - Reconnect
at Sewer Main

 Existing PVC - Pavement -
Reconnect at Sewer Main

● 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

CP = Concrete Pipe

VCP = Vitrified Clay Pipe

Manhole No.	Manhole Depth (ft)		
04A-3064.0	8.2	9.18	9.08
04A-3093.0	8.2	10.26	10.42

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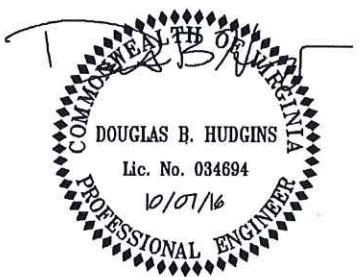
WESTERN VIRGINIA
WATER AUTHORITY

WESTERN VIRGINIA
WATER AUTHORITY

ROANOKE, VIRGINIA

3064 - 1 hole in lid
3081 - holes in lid
3093 - holes in lid.

Taped 4.11.17 Disc 3 side A

[illegible]

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

Manhole Rehabilitation

Designed By: KJV	Project No: 31237	Drawing No.: C-112
Drawn By: KJV	Scale: AS SHOWN	
Checked By: DBH	Issue Date: October 2016	

