

V:\Projects\BVA\131237\Drawings\100% Construction Drawings-Updated.mxd

- Legend**
- Sanitary Manhole
 - Sanitary Sewer
- Contract 1A - Sanitary Sewer Line Rehabilitation**
- Sanitary Sewer Rehabilitation**
- Line
 - Burst
- Lateral Rehabilitation**
- Capped- Do Not Reinstale
 - Replace
 - Replace - Pavement
 - Trim and Replace
 - Trim and Replace - Pavement
 - Trim - Do Not Reinstale
 - 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
 - Cementitiously Line Manhole
 - ✱ Repair Crack/Holes in Wall
 - ✱ Seal Pipe Connections
 - ✱ Seal Wall/Bench Connection
 - ✱ Repair Crack/Holes in Bench
 - ★ Install 8-inch Cleanout
- Pipe Material Legend**
- CP = Concrete Pipe
 - VCP = Vitrified Clay Pipe



Manhole No.	Manhole Depth (ft)		
04A-3052.0	8.2	10.64	10.67
04A-3054.0	8.2	9.9	10.08

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WESTERN VIRGINIA
WATER AUTHORITY

ROANOKE, VIRGINIA

3054 - No holes, not H₂O tight
3052 - 1 hole in lid.

Taped 4.11.17 - Disc 3
Side A

COMMISSIONED BY WESTERN VIRGINIA WATER AUTHORITY

DOUGLAS B. HUDGINS

Lic. No. 034694

10/07/16

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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.:
Drawn By: KJV	Scale: AS SHOWN	C-110
Checked By: DBH	Issue Date: October 2016	