

V:\Projects\BVA\31237\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



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WESTERN VIRGINIA  
WATER AUTHORITY

ROANOKE, VIRGINIA  
All 3 lids have holes.

Taped 5.16.17 Disc 4,  
Side B  
1  
DOUGLAS B. HUDGINS  
Lic. No. 034694  
10/07/16  
PROFESSIONAL ENGINEER  
This  
Completes Disc 4 side B

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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-126
Checked By: DBH	Issue Date: October 2016	