

V:\Projects\BVA\31237\Drawings\100% Construction Drawings\Updated.mxd



Legend

- Sanitary Manhole
- Sanitary Sewer

Contract 1A - Sanitary Sewer Line 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-3015.0	8.2	6.36	6.33

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CHIA

WESTERN VIRGINIA WATER AUTHORITY

WESTERN VIRGINIA WATER AUTHORITY

ROANOKE, VIRGINIA

2015- Holes in lid.

Taped 4.11.17 Disc 3 side A

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10/07/16
PROFESSIONAL ENGINEER

this sheet finishes side A

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-113
Checked By: DBH	Issue Date: October 2016	