

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)		
01A-3463.0	6.86		
01A-3465.0	8.1	4.8	4.92
01A-3468.0	8.1	7.84	7.92
01A-3470.0	8.1	4.36	7.25
01A-3474.0	8.1	4.38	4.50

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CHIA

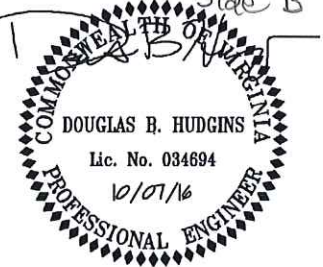


WESTERN VIRGINIA
WATER AUTHORITY

ROANOKE, VIRGINIA

All lids are H₂O tight
except 3463 - has hole

Taped 6.22.17 - Disc 5
Side B



THIS IS A TRUE AND CORRECT COPY OF THE ORIGINAL DRAWING AS SUBMITTED TO THE WESTERN VIRGINIA WATER AUTHORITY FOR REVIEW AND APPROVAL. THE ENGINEER HAS REVIEWED THE DRAWING AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WESTERN VIRGINIA WATER AUTHORITY. THE ENGINEER HAS REVIEWED THE DRAWING AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WESTERN VIRGINIA WATER AUTHORITY.

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-134
Checked By: DBH	Issue Date: October 2016	