

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

Legend

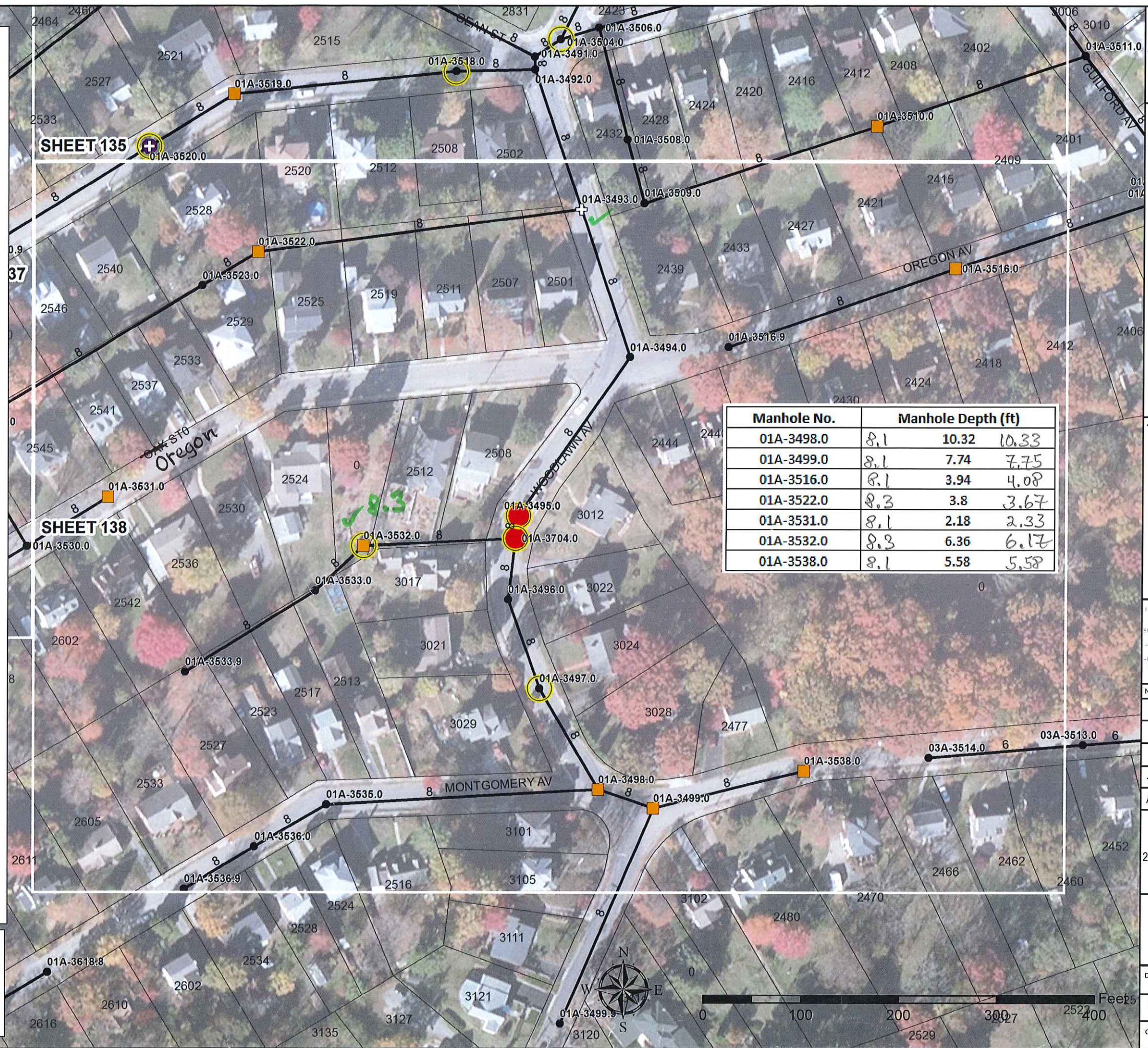
- Sanitary Manhole
- Sanitary Sewer
- Contract 1A - Sanitary Sewer Line Rehabilitation**
- Sanitary Sewer Rehabilitation**
- Line
- Burst
- Lateral Rehabilitation**
- Capped- Do Not Reinstale
- Replace
- Replace - Pavement
- Trim and Replace
- Trim and Replace - Pavement
- Trim - Do Not Reinstale
- Assist 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



Manhole No.	Manhole Depth (ft)		
01A-3498.0	8.1	10.32	10.33
01A-3499.0	8.1	7.74	7.75
01A-3516.0	8.1	3.94	4.08
01A-3522.0	8.3	3.8	3.67
01A-3531.0	8.1	2.18	2.33
01A-3532.0	8.3	6.36	6.17
01A-3538.0	8.1	5.58	5.58

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CIA



WESTERN VIRGINIA
WATER AUTHORITY

WESTERN VIRGINIA
WATER AUTHORITY

ROANOKE, VIRGINIA
All lids are H₂O-tight

Taped 6.27.17 Disc 6
Side A



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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-138
Checked By: DBH	Issue Date: October 2016	