

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

Legend

- Sanitary Manhole
- Sanitary Sewer

Contract 1A - Sanitary Sewer Line Rehabilitation

Sanitary Sewer Rehabilitation

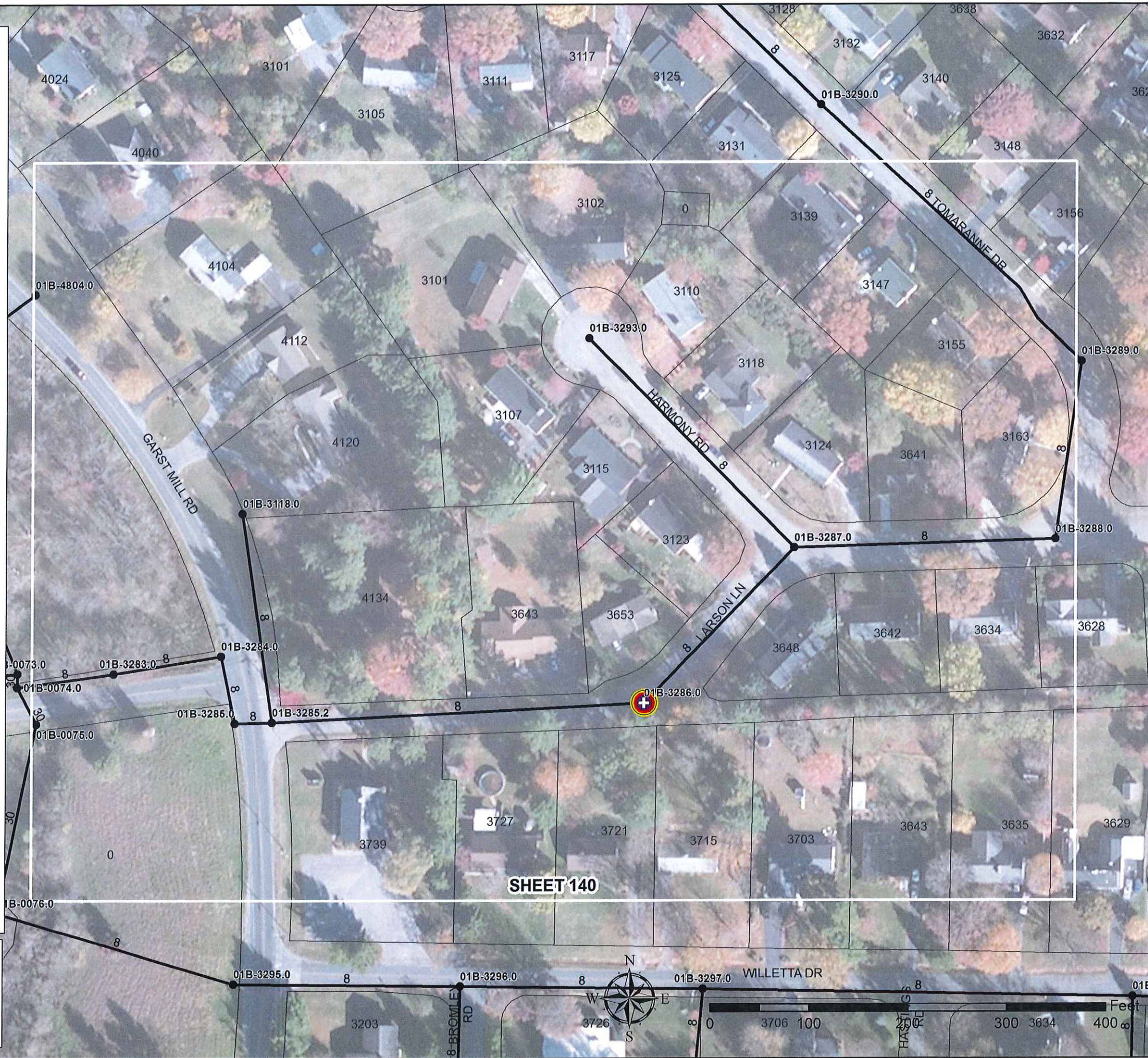
- Line
- Burst
- Capped- Do Not Reinstall
- Replace
- Replace - Pavement
- Trim and Replace
- Trim and Replace - Pavement
- Trim - Do Not Reinstall
- Assist Owner to Verify Active - Replace if Active
- Verify Active - Pavement
- Existing PVC - Reconnect at Sewer Main
- Existing PVC - Pavement - Reconnect at Sewer Main

Contract 1B - Manhole Rehabilitation

- Install Water-Resistant F&C
- Reseal Existing Frame
- Install Standard F&C
- Seal Chimney
- Cementitious 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



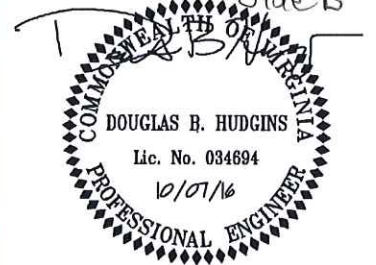
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WESTERN VIRGINIA
WATER AUTHORITY

ROANOKE, VIRGINIA
3286 lid has holes.

Taped 6.27.17 - Disc 6
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. THE ENGINEER HAS REVIEWED THE DRAWING AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WESTERN VIRGINIA WATER AUTHORITY.

No.	Submission/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-140
Checked By: DBH	Issue Date: October 2016	