

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

Legend

- Sanitary Manhole
- Sanitary Sewer

Contract 1A - Sanitary Sewer Line Rehabilitation

Sanitary Sewer Rehabilitation

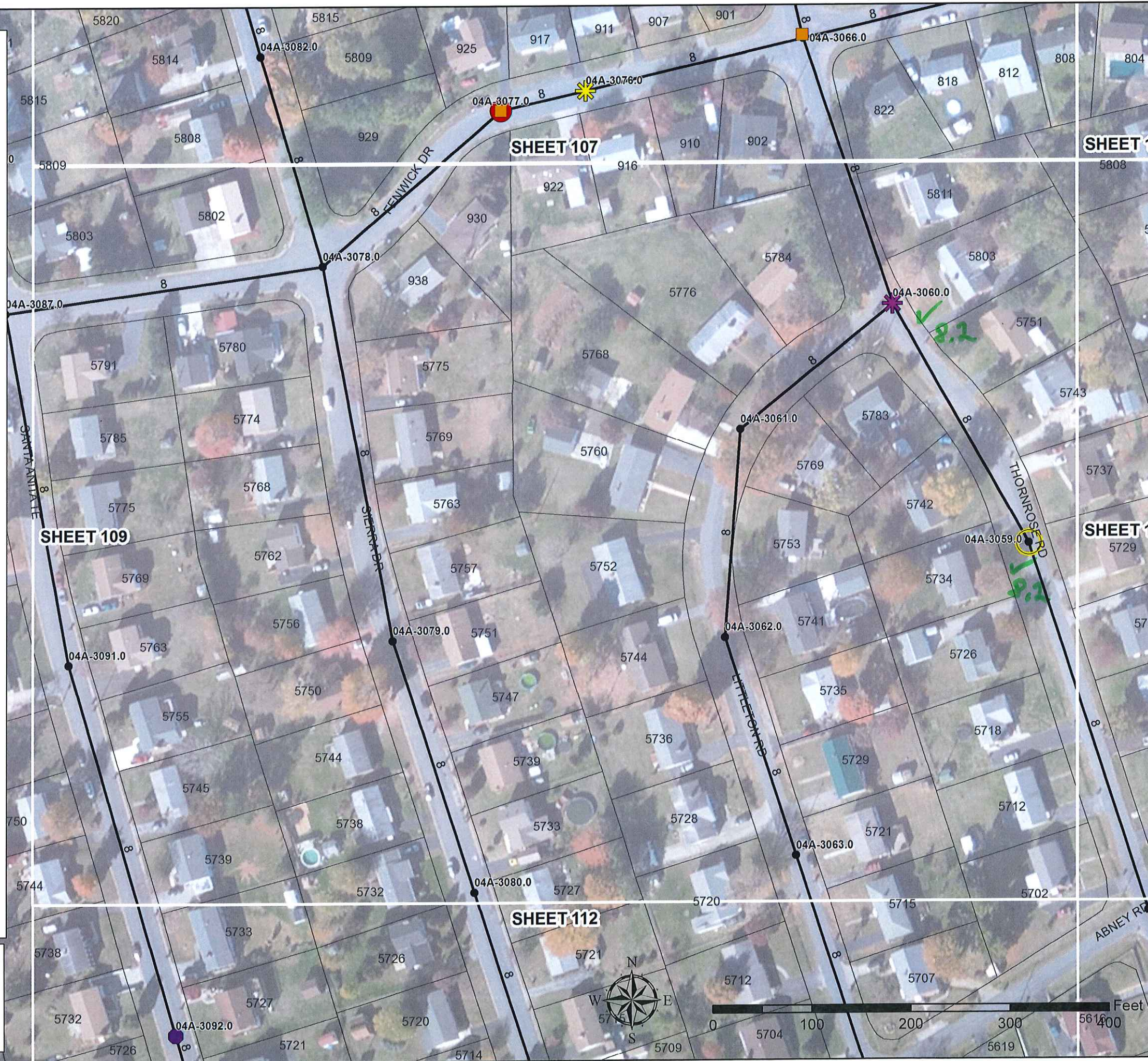
- Line
- Burst
- Lateral Rehabilitation
 - Capped- Do Not Reinstall
 - Replace
 - Replace - Pavement
 - Trim and Replace
 - Trim and Replace - Pavement
 - Trim - Do Not Reinstall
 - Assist Owner to Verify Active - Replace if Active
 - Verify Active - Pavement
 - Existing PVC - Reconnect at Sewer Main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

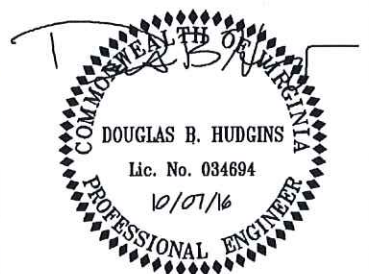


WESTERN VIRGINIA
WATER AUTHORITY

WESTERN VIRGINIA
WATER AUTHORITY

ROANOKE, VIRGINIA
3059-1 hole in lid.
3060- No hole, gasket on
side.

Taped 4.11.17 Disc 3, Side A



THIS IS A TRUE AND CORRECT COPY OF THE ORIGINAL DRAWING, AND I AM NOT PROVIDING ANY OTHER INFORMATION. I AM NOT PROVIDING ANY OTHER INFORMATION. I AM NOT PROVIDING ANY OTHER INFORMATION.

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-109
Checked By: DBH	Issue Date: October 2016	