



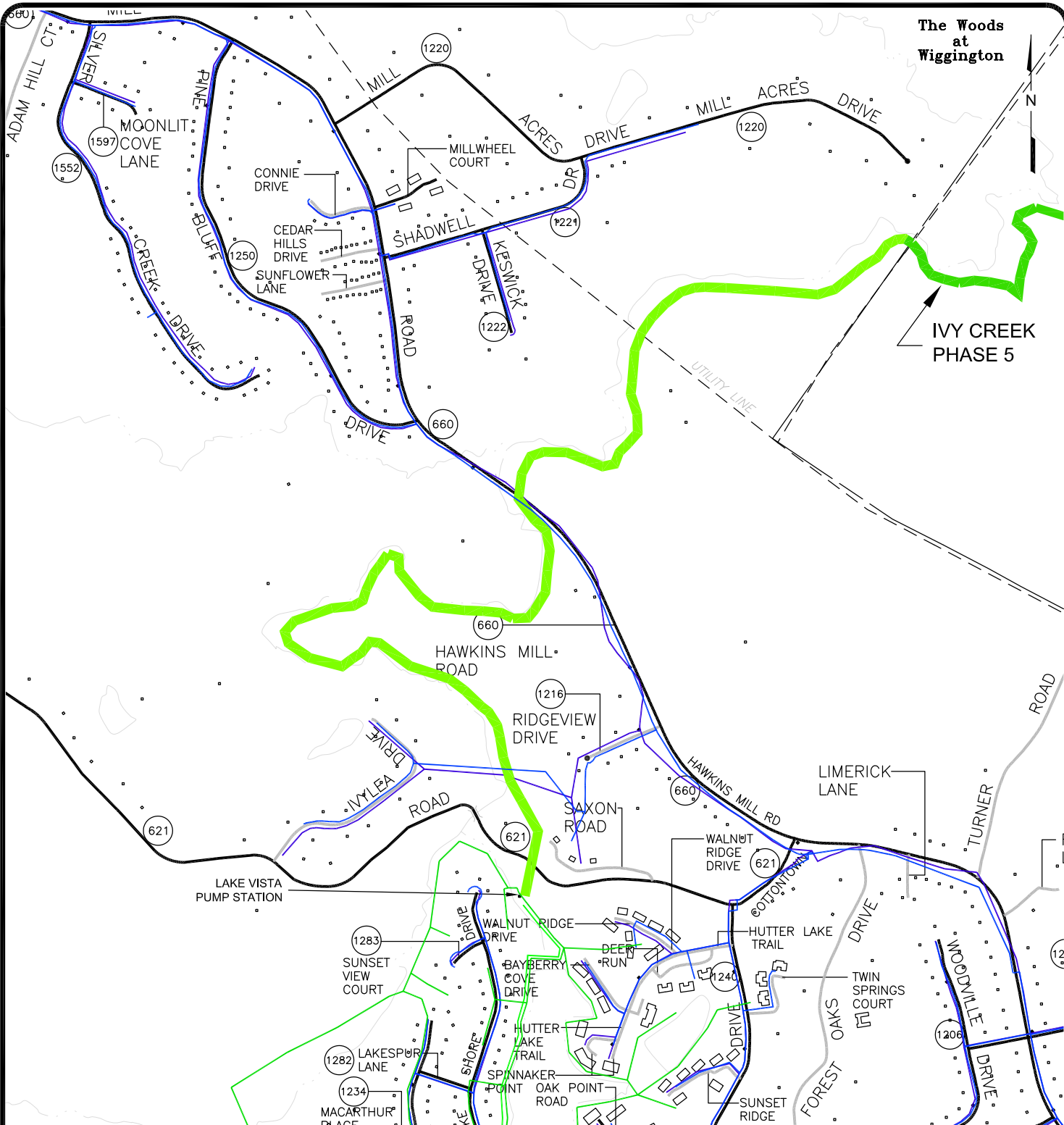
PROJECT DESCRIPTION SHEET

- Project Name:** Ivy Creek Sewer Phase 6 – Inside Bedford County
- Description:** Extension of sanitary sewer from the Lake Vista Pump Station to the City of Lynchburg’s boundary to connect to the Ivy Creek Interceptor.
- Purpose:** Economic Development, Residential Quality of Life, and PSA System Integrity
- Advantages:** Last step to provide the ability for growth throughout the Forest and New London service areas
Operational savings when completed in conjunction with Phase 6
- Disadvantages:** High Cost with limited new connections
- Projected Savings:** \$50,000 Annually (including site utility costs, insurance, materials, and manpower)

Discussion:

The Lake Vista Pump Station is deteriorating, requiring frequent repairs for continued operation. With growth steadily increasing in the system and the pump station nearing the end of its service life as it is fully depreciated, the pump station is in need of replacement in the near future. The abandonment of the station by constructing a gravity sewer line directly into the City’s Ivy Creek Interceptor would provide the additional capacity to the systems as well as eliminate significant operational expenses associated with keeping the pump station active.

This project is the last phase necessary to allow the Lake Vista Pump Station to be removed from service. It consists of abandoning the pump station and extending gravity sewer from the pump station location to the City’s boundary to connect to Ivy Creek Sewer Phase 5. Sewer transmission through these mains is not possible without Ivy Creek Sewer Phase 5 project.



BEDFORD COUNTY
Quality On Tap!
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PUBLIC SERVICE AUTHORITY

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No.	Revision/Issue	Date
1		
2		
3		
4		

General Notes

Capital Improvement Projects

Bedford County, Virginia

**Ivy Creek Sewer Phase 6
 (Inside Bedford County)**

Designed: RBE
Checked:
Drawn: RBE
Scale: AS SHOWN
Date: 20 MAR 2012
Sheet: