

## T e c h n i c a l M e m o r a n d u m

Date October 2007

Project Tennessee State University Campus Master Plan

Subject 3. Existing Campus Conditions  
3.2 Existing Campus Infrastructure  
3.2.6 Natural Gas

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To Tennessee State University

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The objective of this work is to discuss the condition and capacity of the existing natural gas system.

### **1. NATURAL GAS**

The campus is served by a high pressure 14" steel line on the north side, which joins an 8" steel line on the west side of campus. A Pressure Reducing Valve (PRV) near the intersection of John Merritt Blvd and 39<sup>th</sup> reduces the pressure and feeds into a 4" line for the powerhouse. Several low pressure 2" lines enter the campus from the south and east. The distribution system is shown in 3.2.6 figure 1. The lines are owned by Nashville gas up to the meter. The steel lines all have cathodic protection and are repaired by Nashville Gas as soon as any problems are noted. Therefore the condition of the system is considered good.

There are no capacity or condition issues for the current load on the system.