

SAMPLE ENGINEER'S REPORT

Date: _____

Riverhead Water District
1035 Pulaski Street
Riverhead, NY 11901

Gentlemen:

Re:

We have been retained by ABC Development Corporation to prepare the design for the reduced pressure backflow prevention device (RPZ/DCV) for the Sample Inn, in Riverhead, New York. The proposed project will consist of two 2-bedroom and six 1-bedroom units. Each unit will have an individual 1" water service. The daily demand is estimated at 150 GPD with a peak demand of 14400 GPD (10GPM).

In compliance with the requirements of the New York State Health Department, Suffolk County Department of Health Services and the Riverhead Water District, an RPZ is proposed for each service. The RPZ will be located on the first floor of each unit. The RPZ proposed is Febco Model 825-Y-1". At the peak demand of 10GPM, the head loss through each RPZ is 9 psi.

Very truly yours,

Consulting Engineer/Registered Architect