

ACE DuraFlo® Case Study The Repiping Alternative



ACE DuraFlo® Restores University of Oregon Dormitory – Eugene, Oregon



The Problem:

Hamilton Hall is a ten building dormitory located on the University of Oregon campus in Eugene, Oregon. As a result of more than 30 years of constant use by housing students and guests throughout the years, the aggressive water supply from the city had taken its toll on the original galvanized piping in the buildings. While the cold piping was still in serviceable condition, the hot piping and recirculation lines were suffering from the effects of impaired flow and discoloration due to internal corrosion.



The Solution:

Faced with a limited budget to resolve the problem, the University retained Systems West Engineers to determine the best solution. After researching the available options, engineer Rob Huizenga from Systems West discovered that in-place pipe restoration could selectively resolve the hot piping problems behind the walls, leaving the cold piping unaffected. Furthermore, when compared to replacement, pipe restoration could be completed much faster and could be split over multiple phases and budget years with little additional cost.

The University specified pipe restoration in the scope of work and then requested bids for the first half of the Hamilton Hall project in the summer of 2003. The local ACE DuraFlo® franchise was awarded the contract. ACE DuraFlo completely restored the hot water lines in five wings of the dormitory and returned the water to service in just six weeks. The mains from the mechanical rooms to the most remote fixtures including hot water returns back to the mechanical room were all restored using the ACE DuraFlo® system. One week later, the University of Oregon students returned to a completely restored piping system with clean flowing hot water.



According to University Vice President of Administration Dan Williams, "Institution officials reported that your work was performed in a satisfactory manner and that you should be commended. We hope you will be able to submit proposals for future projects..."