

## project brief

**TYPE OF FACILITY:**  
Data Center



### First American Corporation

■ Westlake, Texas, United States



First American Corporation, one of the largest mortgage companies in the United States, recently built on an additional data floor to their three-story U.S. data center located in Westlake, Texas. The addition included the third floor of the facility, as well as the construction of a second mechanical room to provide a redundant cooling system in the event of a failure in the primary mechanical room. The Victaulic grooved pipe joining method was chosen for prime specification due to concerns about noise, flames and fumes within the building.

Victaulic Construction Piping Services (CPS) worked with WTA Engineering and Ski Hi Mechanical to provide drawings and ensure the precision fit of all equipment and condense the overall construction schedule. In addition, Victaulic organized bagged and tagged shipments to the jobsite, minimizing material handling and increasing productivity.

The quick and easy installation of the Victaulic Style 07 rigid coupling and the Style 77 flexible couplings, as well as grooved valves and accessories including the Vic-300 Masterseal™ butterfly valve, combined with Victaulic project management services, reduced overall manhours by more than 1,500 hours. In addition, the elimination of risks associated with flames and fumes ensured the safety of both the installers and First American employees.

#### SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Chilled Water	Grooved Carbon Steel	2 – 10"/50 – 250 mm

[www.victaulic.com](http://www.victaulic.com)

#### MARKET:

HVAC

#### VICTAULIC SOLUTIONS:

Construction Piping Services  
Compressed Schedule  
Ease of Assembly  
Absence of Flames and Fumes  
Noise Reduction

#### OWNER:

First American Corporation

#### CONTRACTOR:

Ski Hi Mechanical

#### ENGINEER/CONSULTANT:

WTA Engineering

#### COMPLETED DATE:

April 2007



WCAS-7H8HUR

