

## Magnum Case History



**Project Name:** Medplus  
**Magnum Installer:** Dwyer Companies  
West Chester, OH  
[www.dwyercompanies.com](http://www.dwyercompanies.com)

**Project Type:** Underpinning, Push Piers

**Location:** Cincinnati, OH

### Project Description:

This tilt-up panel building settled due to poor fill and improper compaction during construction.

Dwyer designed, engineered, and installed 20 Magnum Steel Push Piers to stabilize the existing column footings. The affected areas settled 3". Due to the loads, size of the footings, and the panel connections, Dwyer worked with Magnum Piering to design and manufacture a custom a reverse angle bracket for connecting to the tilt up panels and to the top of the footings. These brackets reduced the influence of eccentricity on the footings and eliminated the need to cut all the footings. Dwyer also installed counter balanced footings to center the load. This job was successfully completed in June 2005.



## Underpinning & Push Piers

