

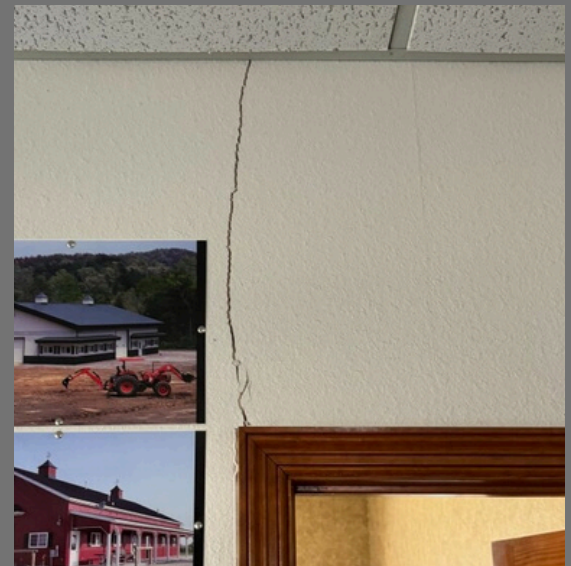


Void Filling After Lift Locks Building into Place



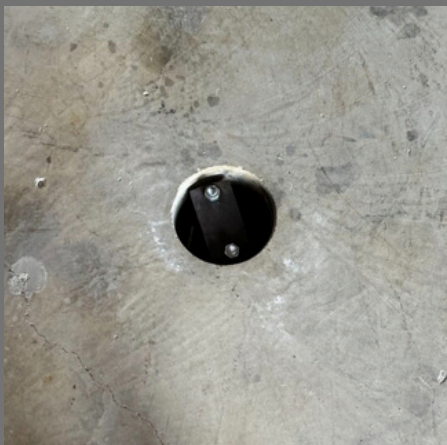
McKinney, Texas
POLYPIER PROJECT OF THE YEAR FINALIST

Project Overview: In McKinney, Texas, Morton Buildings Inc. had settlement issues in a warehouse and office building that needed addressing. The settlement was primarily due to poor soil conditions, non-structural footings, and several pole bar posts settling in the soil which compromised the stability of the structure.



The project presented several challenges, beginning with the logistical difficulties of working out of state under a tight deadline. The extreme heat and humidity, exacerbated by a hurricane hitting southern Texas, made working conditions particularly brutal.

Additionally, the Poly truck experienced car troubles, requiring a unique part that delayed progress to an already tight schedule. The team was also challenged by using two full kits of poly foam, which required careful oversight to ensure the material was applied effectively and efficiently.



Despite the obstacles, the team successfully stabilized the buildings by installing 16 helical piers, 7 slab piers, and 6 concentric piers. These installations provided the necessary support to stop the settlement and restore the structural integrity of the warehouse and office. The team also utilized the two kits of poly foam to fill the voids and reinforce the foundation, ensuring the building was secured and stable on the ground. By overcoming the equipment issues and effectively managing materials under challenging conditions, the team was able to complete the project on time and to the required specifications, safeguarding the longevity of the structure.



Products Used:

- PolyPier P2-010 Foam
- PPB-166 Slab Piers
- PPB-166 Pile Caps
- PPB-250 Concentric Piers
- PPB-250 Concentric Bracket
- TAF-288-84 Helical Piers
- TAB-350-LUB Brackets

