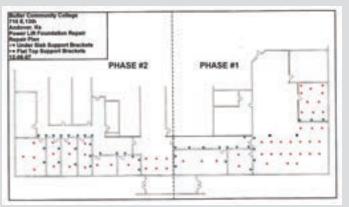
Architect: PKHLS Architecture, PA | Vince Haines (316) 321-4774

PROJECT SUMMARY Butler County Community College

Project Description: The concrete slab floor of the college had settled $\pm 1-1/2$ " causing offset areas in the floors, which posed tripping hazards. Also, numerous doors to classrooms and offices would not function properly.

A geotechnical firm preformed tests on the underlying soils and found the soils to be saturated from poor drainage conditions and a leak in the sanitary sewer system.



POWER L



Synchronized – Manifold lifting system during the lift

PROJECT SUMMARY — BUTLER COUNTY COMMUNITY COLLEGE (CONTINUED)



Design Details: The Power Lift system was chosen over other methods because of its ability to synchronously and uniformly lift 98 piles at one time. Also, the crew met a 3 week time restriction required by the owner. To meet the dead line and not interrupt school activities, the project was broken down into two phases. Power Lift started with Phase 1 and then moved on to Phase 2 installing a total of 41 slab piles and 58 under wall piles. Complete elevation loss was restored during the lift and the project was completed within the owner's time frame.

