



BEACH FRONT RESTAURANT SAVED FROM HURRICANE DENNIS

Captain Dave's, located in Destin, Florida is one of the oldest gulf front restaurants in the panhandle. When hurricane Ivan hit the Pensacola area in September of 2004, the Destin beaches were severely eroded and the restaurant suffered extensive damage. The older part of the restaurant was built on shallow footings in the sand dunes that the Destin area is well known for. The dunes were destroyed during the Category 4 storm and the restaurant was undermined by the storm surge.

CHANCE® helical piles were chosen to underpin a portion of the building where existing footings were still intact and exposed. (Fig.1.0) Approximately 6'-7' vertical feet of sand was lost from the beach. The helical piles were also used for new construction piling in portions of the building where new slabs were to be poured on newly backfilled walls (Fig.2.0). The piles were able to be quickly installed with a mini-excavator from the beach side of the building in low overhead and difficult access locations. Noise and vibration concerns for nearby structures that had also sustained storm damage were eliminated by using helical screw piles. CHANCE® helical piles helped get portions of the restaurant structurally sound allowing the restaurant to resume business.

Hurricane Dennis came ashore just west of Destin the following year in July of 2005. Unfortunately for Captain Dave's, the entire restaurant was not supported by helical piles. The storm surge again undermined the footings and washed out the sand underneath the slabs. Where the building was supported on CHANCE® helical piles the footings and slabs were still intact, and where the building was not supported by helical piles the footings and slabs were destroyed. A backfilling and grouting operation is all that was required to occupy those portions of the building supported on helicals, where other portions had to be totally reconstructed.

CHANCE® Instant foundation systems can be used in numerous applications. Whether it be underpinning structures, installing piling in limited access/limited overhead applications, or tying back surge walls where there is no room to install deadmen. CHANCE® helical piles and tiebacks are the storm tested and trusted solution to your construction problem.



Fig.2.0



Fig.1.0

