

CASE HISTORY

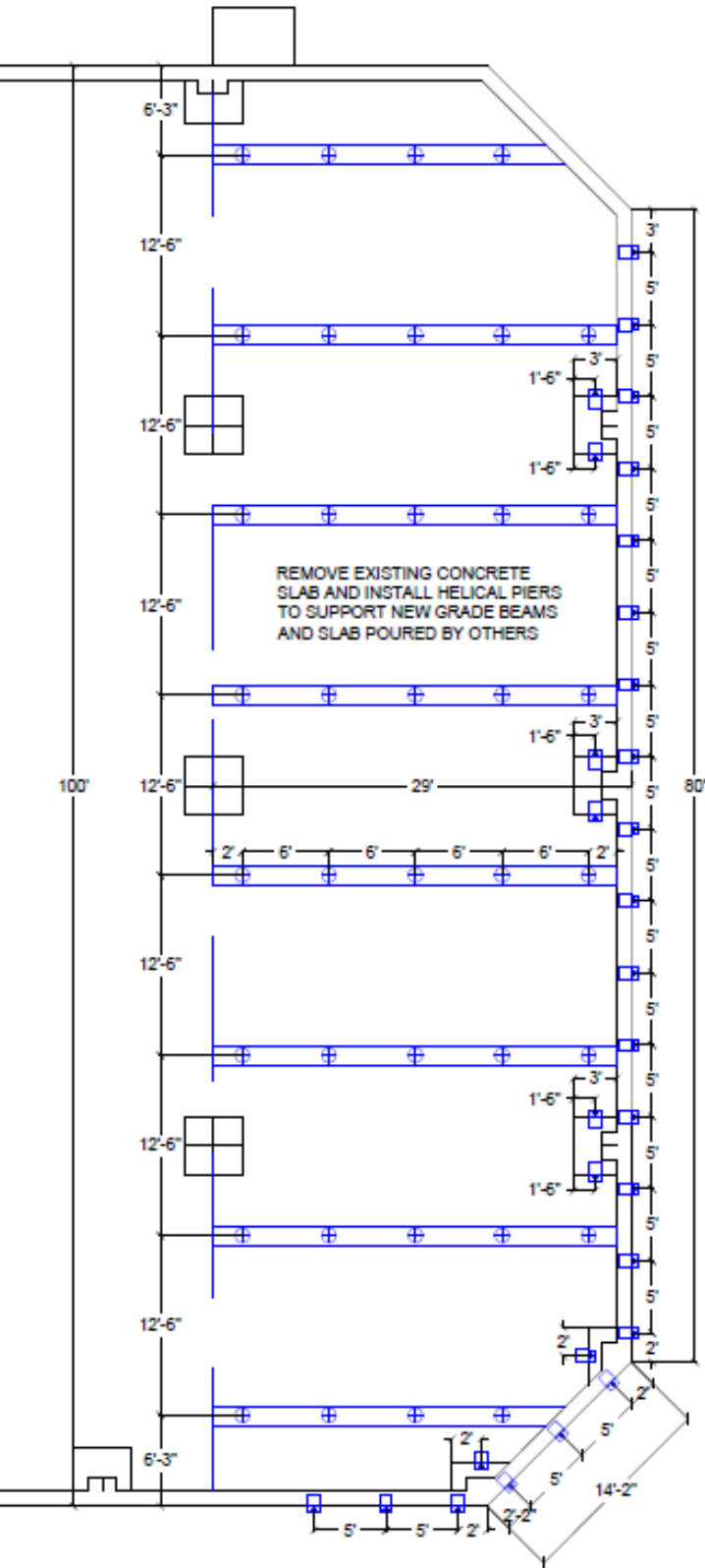
SafeBase™ Helical Piers & Push Piers Iowa Beauty & Barber Supply, Urbandale IA

January 2023

Anchored Walls was contacted regarding the settlement of the Iowa Beauty & Barber Supply warehouse. The north foundation wall and interior floor slab had settled up to 7 inches due to decaying organics that were buried in the area before the structure was built.

A plan was created to address the problem while considering factors such as the unique foundation wall and the frozen winter ground. The plan involved installing 30 SafeBase LD Push Piers along the foundation wall to lift and permanently stabilize the settled end of the building. The settled portion of the floor was also to be removed and 38 SD Galvanized Helical Piers installed to support new grade beams and a new floor.

Excavation was done on the interior of the building in addition to the exterior in order to relieve the soil pressure on the interior wall and prevent it from tipping outwards





Above: Exterior Push Piers



Above: Interior Excavation

after the exterior was excavated. The interior was also excavated in order to place piers on the interior side of the column footings. The push piers were driven to 49' and the lift was successful.

The original floor was integrally attached to the foundation wall with rebar. Thus, in order to repair the floor without damaging the foundation, a 3' perimeter of the original floor along the wall was left in place and excavated around. The helical piers were driven to 42'. The project was completed in January of 2023.

Anchored Walls
1962 HWY 92
Winterset, IA 50273
515-462-2422
www.anchoredwalls.com

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SafeBasements, Inc.
28272 Minnie Street
Paynesville, MN 56362
1-888-963-6892
www.safebasementsinc.com