

Korman Suites

**CERTIFIED
INSTALLER:**

**Vaspoli Custom
Builders**

LOCATION:

Palmyra, NJ



Project Description:

The apartments were built on piles however, the slab-on-grade was not. The first floor SOG starting settling drastically due to the FILL layers below. In some instances, the differential settlement was 8 inches or more. To make the situation worse, the original contractors poured another slab on top of the SOG to try and solve the issue. Unfortunately, this made the slab settle more due to the addition weight. This is where Steve Vaspoli's team stepped in to resolve the issue using Chance™ helical piles.

Chance™ Helical Solution:

- # of Chance™ Helical Piles = 10 piles per building - 48 Buildings = 480 piles and the project is still going as of May 2012
- SS5 with 6", 8" diameter helices
- Installation Length = 25 FEET to the River Rock Stratum.
- Removal of the existing SOG was followed by digging a grade beam ditch around the perimeter. Then Chance™ helical piles were installed to support the grade beam. The new structural slabs were poured and tied into the helical pile supported grade beams.





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DISTRIBUTORS

215-271-7700 [P]

215-271-7701 [F]

info@danbro.com

Danbro.com

CASE HISTORY

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CHANGE[™]
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GROUND
FORCE**[™]
Since 1912

