



Helical Piles of New York Installs (18) Chance[®] Helical Piles for a New Swimming Pool in Amagansett, New York

July 2015



Helical Piles of New York
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Project Name & Location:	New Swimming Pool Foundation - Amagansett, NY
Project Date:	July 2015
Project Type:	Helical Pile Deep Foundation
Helical Pile Installation Contractor:	Helical Piles of New York - Div. of High-Rise Industries
Engineering Firm:	D.B. Bennet - East Hampton, NY - http://www.dbb-pe.com/Index.cfm
Helical Piles Specifications:	(18) Helical Piles 1.5" SS5 Leads with 8", 10", 12" Helix Bearing Plates Followed by 2.875" RS Extensions; 20 Ton Ultimate Capacity; Galvanized
Soils & Embedment Depth:	Sand. Average Pile Embedment 14 - 50 ft.
Project Timeline:	Helical Pile Installation - (2) Days
Helical Pile Manufacturer:	A.B. Chance - Centralia, MO



Helical Piles of NY, a division of High Rise Industries with headquarters located in Shirley, NY, recently completed installing (18) Chance Helical Piles as deep foundations for a new swimming pool in Amagansett, NY on the south side of Long Island.

Ground water at the site was at six feet, and there were concerns from the engineer that the overall stability of the 18 feet wide by 36 feet long pool could be affected without a deep foundation system in place. Driven timber pilings were initially specified, but the mobilization costs and the relatively limited space at the site made helical piles the logical choice for the project.

Chance SS5 1.5" round corner square bar leads with 8", 10", 12" helix bearing plates were specified, and 2.875" round shaft extensions were used to reach the final depths that ranged all the way from 14 to 50 feet to reach the (20) ton load capacity at 4000 ft. lbs. of torque. Grade beam pile caps were installed after the piles were cut to the required elevation. All piles and caps were installed in two days.

Helical Piles of New York was contracted to do the excavation, install the piles and form and pour the 16"x16" grade beams with 4000 psi concrete. All work was completed in six days.



[Click here to see a video of the project](#)



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