



Structural Systems Repair Group (SSRG) Installs (111) Helical Piles in Over The Rhine (OTR) District in Cincinnati

April, 2020



Structural Systems Repair Group
2824 Stanton Ave.
Cincinnati, OH 45206
513-751-7774
www.ssrq.com



Project Name & Location:	Perseverance Buildings - Cincinnati, OH
Project Date:	April 2020
Project Type:	Helical Piles Deep Foundation System
Helical Pile Installation Contractor:	SSRG - www.ssrq.com
Structural Engineer:	Advantage Group Engineers- https://agengineers.com/index.html
General Contractor:	Triversity Construction - https://www.trivc.com/
Helical Pile Specifications:	(111) 2.875" Round Shaft Helical Piles with 10",12",14",14",16" Helix Bearing Plates; 20 Ton Ultimate Capacity; Galvanized
Soils & Embedment Depth:	Average Pile Depth 60 ft; Lose Granular Soils
Project Timeline:	Helical Pile Installation - 3 Weeks
Helical Pile Manufacturer:	Helical Anchors, Inc. - Minneapolis, MN

Project Description

Helical piles system proposed as an alternate to conventional foundation for this project due to poor bearing soils with very soft/loose consistency. Accessibility to pile locations with dug out grade beams/ footers was one of the challenges, along with working simultaneously with rebar- tying subcontractors and excavation subcontractors. Obstructions encountered during pile installation were saw-cut/removed as needed at few pile locations.

