



## Helical Anchors, Inc. Installer - Pilotes Helicoidales C.R. S.A. - Installs (122) Helical Piles as Deep Foundations for a Health Care Structure in Costa Rica

January, 2021



**Helical Anchors, Inc.**  
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<b>Project Name &amp; Location:</b>	Samara Ebais (Center for Basic Equipment for Comprehensive Health Care). Located in Cangrejal, Samara, Nicoya, Guanacaste, Costa Rica.
<b>Project Date:</b>	January 2021
<b>Project Type:</b>	New construction. Helical piles to support foundation beam for medical center.
<b>Helical Pile Installation Contractor:</b>	Pilotes Helicoidales C.R. S.A.
<b>Structural Engineers:</b>	Eng. Jorge Alonso Vargas Arguedas from CCSS
<b>General Contractor:</b>	Innova Desarrollos y Mobiliarios
<b>Helical Piles Specifications:</b>	(120) 2.375" and (2) 2.875" Round Shaft galvanized, three helices configuration, ultimate compression capacity of 52 Kips.
<b>Soils &amp; Embedment Depth:</b>	Sands and silty sands, average depth 21 ft.
<b>Project Timeline:</b>	(5) days
<b>Helical Pile Manufacturer:</b>	Helical Anchors, Inc. - Minneapolis, MN

### Key Benefits:

**Installation time reduction:** The installation was achieved in 5 business days, allowing the general contractor to advance in parallel with the construction of the solid-foundation system in areas where piles had already been installed, significantly reducing the construction time of the project compared to having used other foundation systems.



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