New Construction Olshan Heli-Lock Anchors

All across the country the engineering community has been specifying helical piles for deep foundation support. Foundations are subject to soil conditions that are in a constant flux. Shifting and unstable soils put at risk the structural integrity of a foundation. Olshan Heli-Lock Anchors can be installed prior to the start of foundation construction to negate the effects of the adjusting soil conditions.

Heli-Lock Anchors are hydraulically advanced into the ground to a predetermined depth based on soil data and by measuring torque during installation. The amount of torque required to install a helical anchor relates to its installed ultimate capacity. The piles are installed at intervals between the footing forms and tie into the steel grid-work prior to pouring concrete.

Benefits

- Decreased Installation Time
- No Concrete Delays
- All Weather Installation
- Verifiable Capacity
- Installs Below Active Soil Layers
- Low Installation Cost

Olshan Heli-Lock Anchors

The Very Best!

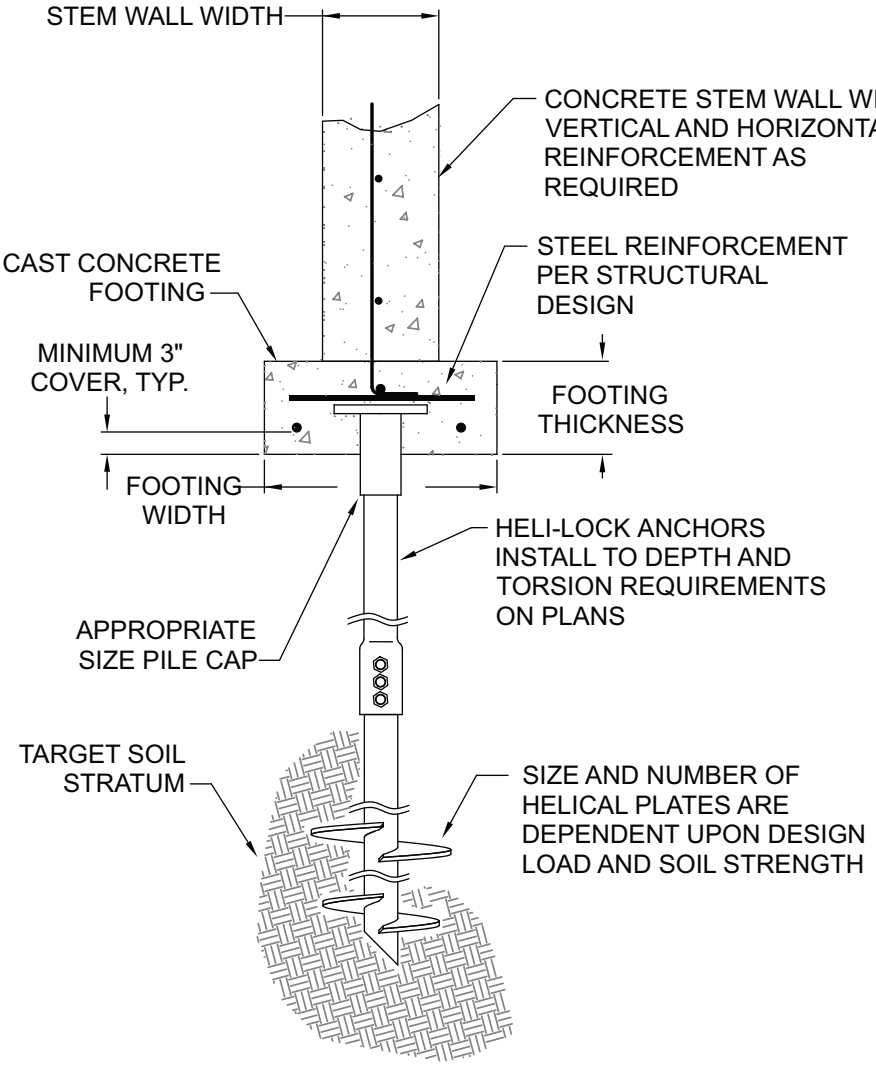
Olshan Since 1933 Foundation Solutions

877-465-7426

www.olshanfoundation.com

Olshan Heli-Lock Anchors

Capacities of Olshan Heli-Lock Anchors					
Shaft Size	Installation Torque Factor (k)	Axial Compression Load Limit	Ultimate-Limit Tension Strength	Useable Torsional Strength	Practical Load Limit Based on Torsional Strength
1-1/2" Square Bar	9 - 11	70,000 lb.	70,000 lb.	7,000 ft-lb	Load limited to the rated capacity of the attachments and the lateral soil strength
1-3/4" Square Bar	9 - 11	100,000 lb.	100,000 lb.	10,000 ft-lb	
2" Square Bar	9 - 11	150,000 lb.	150,000 lb.	15,000 ft-lb	
2-7/8" Tubular – 0.203" Wall	8 - 9	60,000 lb.	60,000 lb.	5,500 ft-lb	44,000 lb
2-7/8" Tubular – 0.262" Wall	8 - 9	100,000 lb.	100,000 lb.	9,500 ft-lb	80,000 lb
3-1/2" Tubular – 0.300" Wall	7 - 8	115,000 lb.	120,000 lb.	13,000 ft-lb	97,000 lb
4-1/2" Tubular – 0.337" Wall	6 - 7	160,000 lb.	160,000 lb.	22,000 ft-lb	143,000 lb



Advantages

- Installs In Areas of Limited Access
- Can Be Loaded Immediately
- Installs With Small Equipment
- Designed & Engineered To Perform
- Installs With Little or No Vibration
- Soil Removal from Site Unnecessary

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