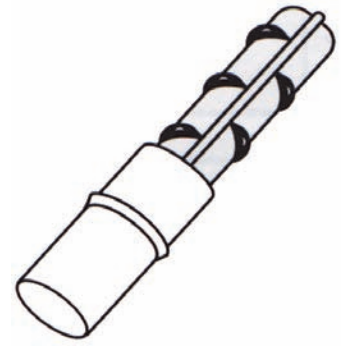


SHAFTSPACER[®]

SYSTEMS

ANOTHER PRACTICAL ENGINEERED CONCEPT FROM
LOWTECH CORPORATION

PATENTED



BARBOOT[®]

A SIMPLE AND ECONOMICAL METHOD OF SUPPORTING AND SPACING BAR REINFORCEMENT WITHIN DRILLED SHAFTS AND OTHER GEOTECHNICAL CONSTRUCTION APPLICATIONS.

APPLICATIONS

- Bridge Foundations
- Building Foundations
- Retaining Wall Foundations
- Street Light Foundations
- High Mast Foundations
- Transmission Line Foundations
- Sub-station Foundations
- Tower Foundations
- Machine Foundations
- Slurry Walls
- Sea Walls

ADVANTAGES

- Saves time & money. BARBOOT[®] is easily installed.
- Indefinite shelflife and easily stored.
- Lightweight, yet strong & durable and engineered with the contractor in mind.
- Made of high density plastic resistant to corrosion and chemicals common to construction.
- Provides an excellent system of support for placement of fabricated rebar cages into drilled or excavated shafts.
- Economical to use.
- Fabricated rebar cages are properly positioned for concrete placement, supported within the drilled or excavated shaft simultaneously providing proper clearance between the bar reinforcement and the earthen surfaces.
- Universally adaptable to variable size bar diameters (one size fits all).
- Encapsulation of bar ends provides added corrosion protection.
- Self-locking.

CONSTRUCTION BENEFITS

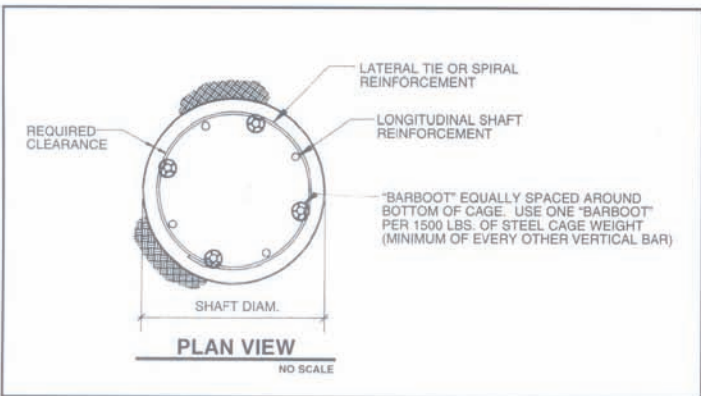
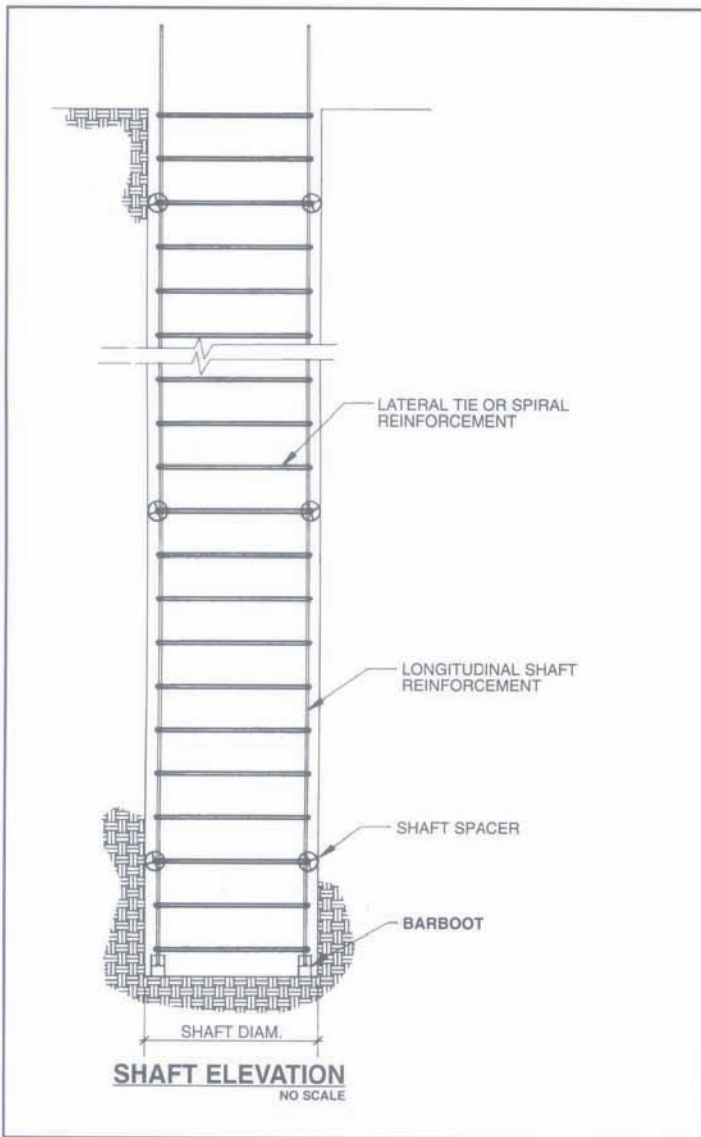
- Insures that the bar reinforcement is properly spaced and supported within the confines of the drilled shaft or excavation.
- Provides quality assurance for the contractor of the sub-contractors performance and at the same time providing quality assurance for the engineer and owner of the contractors performance.



BARBOOT[®] is easily installed.



Fabricated rebar cage with Barboots ready for insertion into excavated shaft.



Increased job profitability because installation is easy and quick requiring only unskilled labor. Skilled labor is released for other more demanding tasks.

Rapid attachment combined with low labor requirements result in project cost savings. Since positioning is critical, spacing and support devices are essential. Bar reinforcement must be supported with devices spaced as to maintain the steel at the correct position during the construction process and during concrete placement.

SAMPLE SPECIFICATION:

The bar reinforcement shall be properly spaced and supported inside the drilled shaft.

The reinforcing steel shall be supported and held securely in position prior to and during concrete placement operations.

Spacers shall be non-corrosive support and positioning devices such as the **SHAFTSPACER® System** or an approved equal.

OR

An approved method of spacing and supporting bar reinforcement concentrically within drilled shafts is the **SHAFTSPACER® System** manufactured and distributed by Foundation Technologies, Inc.,[®] Lawrenceville, Georgia, Phone 1.800.773.2368.

SUGGESTED BARBOOT® PLACEMENT RECOMMENDATIONS

Equally space boots around bottom of cage. Use one **BARBOOT®** per 1500 lbs. of steel cage weight. (Minimum of every other vertical bar.)

BARBOOT® is currently available in **Model BB711** for commercial projects and **Model BB711 FED** for D.O.T. projects. Both provide (3) inches (or 75mm) of clearance support. **BARBOOT®** is universally adaptable to: #6 through #14 standard reinforcing bars and #19m through #43m metric reinforcing bars.

SHAFTSPACER® SYSTEM

Members:



SHAFTSPACER®
SYSTEMS

manufactured and marketed by:

Foundation Technologies, Inc.®

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