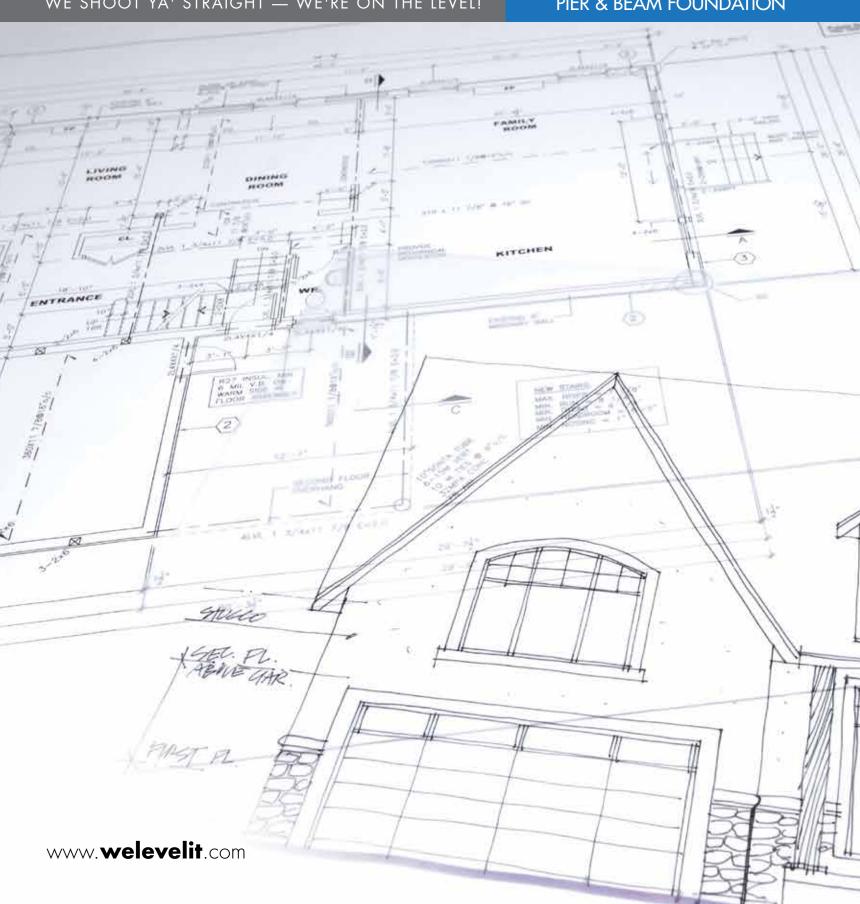


Sonotube Pier System

WE SHOOT YA' STRAIGHT — WE'RE ON THE LEVEL!

PIER & BEAM FOUNDATION





## **About Centex**

Ben Cooper founded CenTex in 1992 with one goal in mind: To build a foundation repair company that people can actually count on to do what's RIGHT, and tell homeowners the TRUTH.

Three decades and thousands of saved homes later, this simple idea has blossomed into a company with over 50 employees and offices serving Central Texas from Hillsboro and Waco to Austin and San Marcos and everywhere in between.

And no, we don't go in looking for problems that don't exist.

Unlike many of the fly-by-night outfits you run into, we recommend only the work required. No more, no less. In fact, about half of the homes we inspect don't need any repairs at all.

If that's the case, we'll tell you. But if your home is in need of foundation repair, we back our work up with a rock solid transferable warranty.

Nobody likes dealing with a foundation problem. But when you're faced with one, it's nice to know there's a solution that's affordable, convenient and efficient. With an average installation time of several working days, Centex minimizes the disruption to both you and your home.

Your home is your single largest investment. Choose someone you know you can trust, Centex Foundation Repair.

We shoot ya' straight. We're on the level.



## **Sources of Pier & Beam Foundation Problems**

#### SOIL

Seasonal moisture changes in Central Texas cause the composition of the native clay soil to fluctuate drastically. The soil acts like a sponge, expanding during seasons of heavy rainfall and contracting during times of seasonal drought. This continuous fluctuation can cause stress on the foundation of your home.

#### **CONSTRUCTION PRACTICES**

Many homes prior to the mid 1960s were built on cedar post piers, which extend only a few inches into the ground and provide very little surface area or footing to support the home. Over time the surface area of the post below grade can erode, loosing both its integrity and ability to support the structure properly.

Block and pad piers are designed and utilized to perform the same function as cedar post piers. Concrete blocks are then placed upon a shallow pad and stacked to provide support under the home's beams. In many instances, the footing poured directly on top of the ground is adversely affected by the expansion and contraction of the soil at the surface level resulting in an inability to provide the proper amount of support for the structure.

#### **COMBINATON OF FACTORS**

Although soil conditions are one of the leading causes of foundation problems, there are a variety of other contributing factors. Poor drainage of water away from the home, insufficient ventilation under the home, inadequate footings and poor initial construction practices can all lead to foundation problems on pier and beam homes.







## **Centex's Approach**

Shrubs, plants and other vegetation are removed from work areas.

Tarps and plywood are placed around your home to protect the surrounding lawn.

#### **STEP 1: SHORING**



Temporary "shoring" is placed under your home's existing beams. Typically skirting is removed.

#### **STEP 2: PIER INSTALLATION**



A two-foot by two-foot hole is dug below grade for the footing. Rebar is tied together inside the footing and concrete is poured to a height of 12". Rebar extends up from the center of the pad for pier installation.

#### **STEP 3: LEVELING**



Hydraulic jacks are used to manually level the home under the direction of the Field Superintendent, who monitors the reaction of the structure and interior elevation readings throughout the process.

#### **STEP 4: PIER POURING**



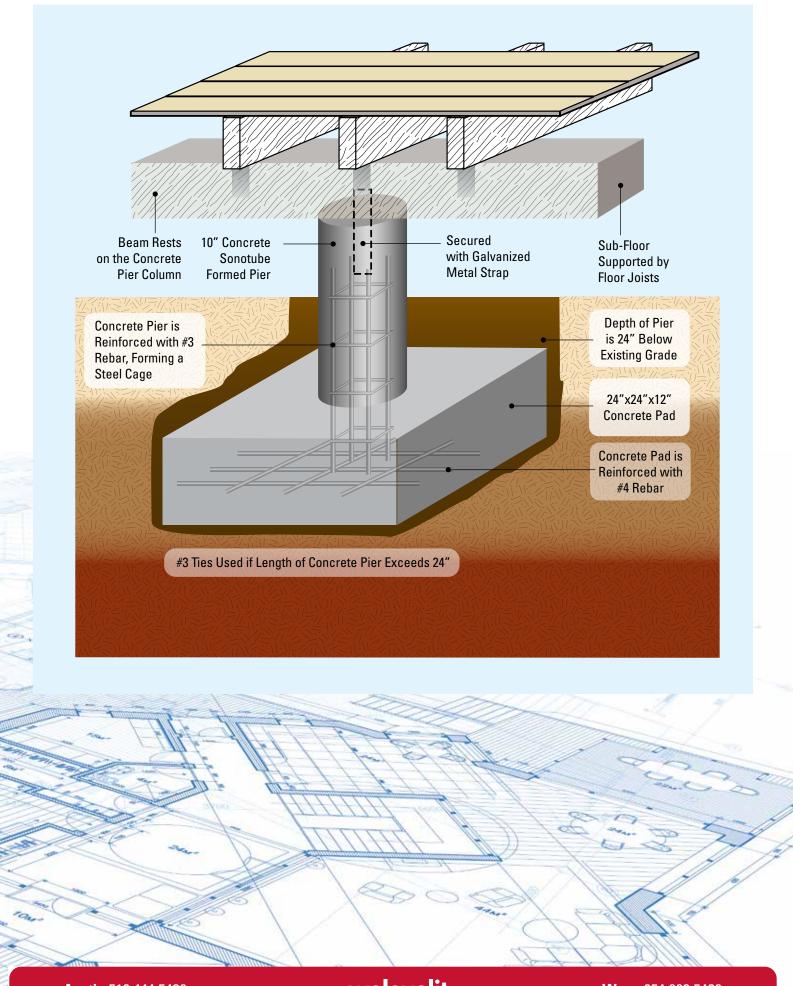
Sonotube forms are cut to span from the top of the previously-poured footing to the new height of the level beam. Concrete is hand-poured into each form.

#### **STEP 5: COMPLETION**

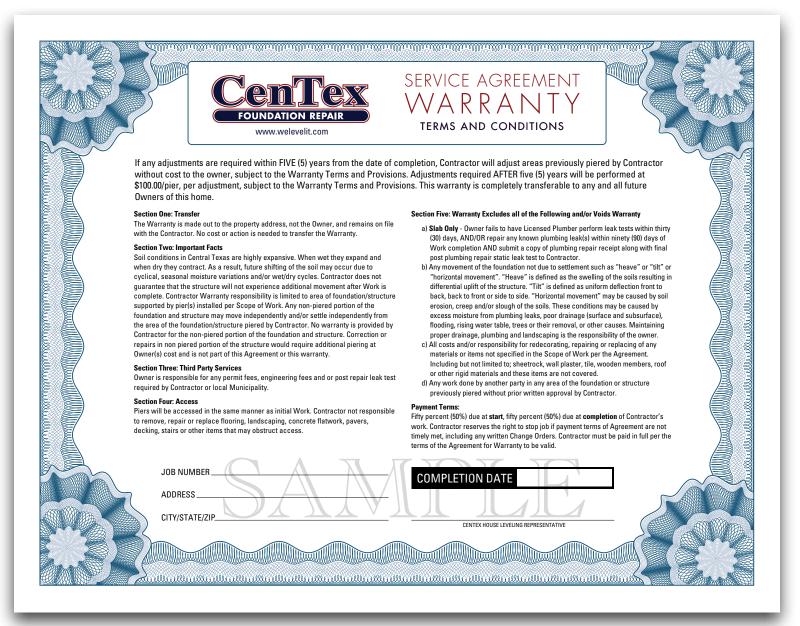


Once piers have cured, forms used for pouring are stripped away. Any nominal space between the top of the pier and the beam is secured with steel shims. Holes are backfilled.

## **Centex's Sonotube Pier System**



## Lifetime Service Agreement



### **CenTex's Lifetime Service Agreement**

Complete coverage for five full years and after that, we still have you covered with our Lifetime Service Agreement. After five years, if adjustment is required, you only pay to adjust those piers necessary to re-level the affected area.

NOTE: No warranty issued for leveling on existing piers or piers not installed by Centex.



# Locations

