

# Slab On Grade Frost Protected Shallow Foundations

**LiteForm's Frost Protected Shallow Foundation Systems Have Been Used In Dozens of Northern Regions of the United States Enduring Sub-Zero Temps Without Fail.**



**LiteForm** specializes in the manufacturing and design of highly efficient insulating concrete form (ICF) systems. Pat Boeshart, founder and CEO of LiteForm Technologies in South Sioux City, Nebraska, spent his early career as a professional contractor. After being introduced to ICF construction in the 1980s, Pat invented and patented the components for the LiteForm concrete form system.

In addition to Frost Protected Footings, the LiteForm family of products include Xtreme Bond Composite Wall Panels, FlexxBoard25, FlexxBlock Insulating Concrete Forms for residential and commercial products and LiteDeck solid concrete alternatives for floor, roof, and deck applications in residential, commercial and safety structure products.

**Simplifying concrete construction using a plastic technology that is fundamentally changing the construction industry**

Meets the requirements of the design, construction, and code approval of FPSF's as stated in NAHB Design Guide to Frost Protected Shallow Foundations

**LiteForm**  
THE BEST WAY TO BUILD!

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South Sioux City, Nebraska 68776  
800.551.331 | LiteForm.com**

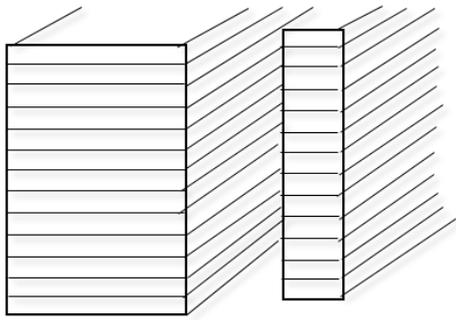
# Frost Protected Footings

A PRODUCT OF LITEFORM

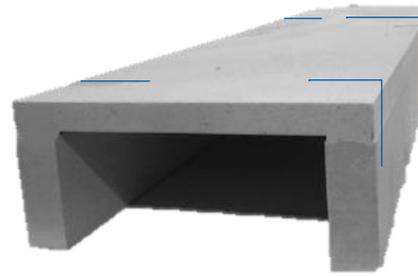


**The Practical Alternative To A Deeper, More Costly Foundation in Cold Regions With Seasonal Ground Freezing And Frost Heaving**

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THE BEST WAY TO BUILD!



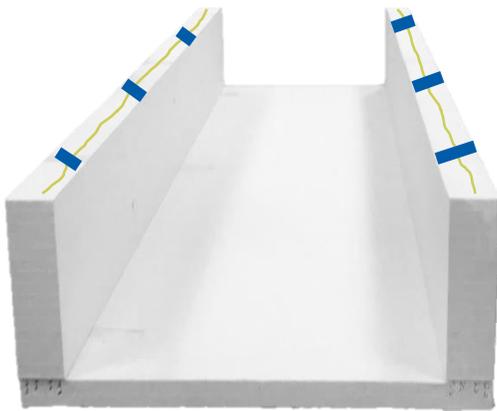
Pre-cut FlexxBoard25 delivered to your jobsite. Residential forms will measure 2"x24"x8' with 3"x8" side panels. Commercial forms will measure 2"x36"x8' with 3"x12" side panels



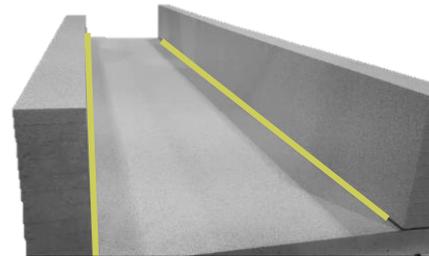
For added adhesion, apply fibered tape along both sides of footing at same intervals as 2-sided tape



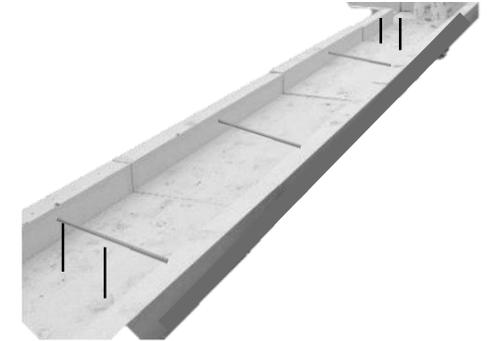
Frost Protected forms are placed on level ground backfilling sides with gravel and/or dirt approximately half the height so forms stay in place when poured



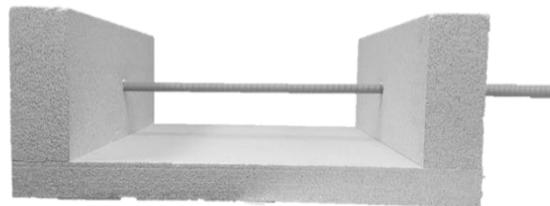
Forms are constructed utilizing pre-placed 2-sided indoor/outdoor tape 2" from each end and one in center of 8' section along with a bead of foam glue on side panels and then securing bottom of form to tape and foam glue



Place an additional continuous bead of foam glue along both side panels



Set stakes with laser transit in center and screed to this height for even footing



Rebar is placed 2' from one end and in center of sides with a bead of foam to secure in place. This will serve as added strength and function as rebar support.

