

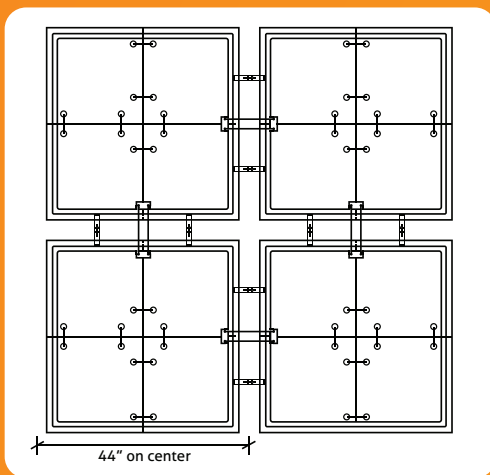


WAFFLEMAT™
A SMARTSENSE STRUCTURAL SYSTEM

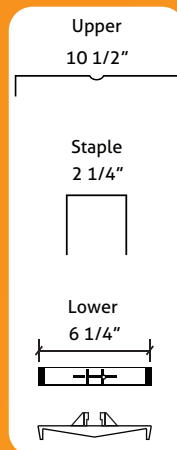


Wafflemat™ has been implemented in over 30,000,000 square feet of foundations across the USA since its introduction in 1993. This innovative system not only demonstrates superior performance compared to other foundation systems, but also achieves significant cost savings by optimizing the foundation design, requiring minimal consumption of concrete and reinforcing materials.

TYP. WAFFLEBOX LAYOUT

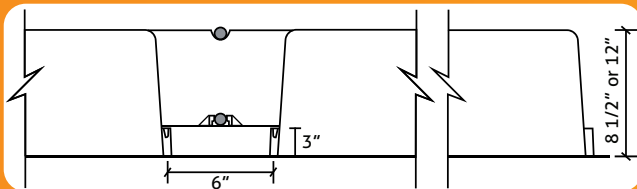


CLIPS



TYP. CROSS SECTION

Clips hold PTI cable/rebar at central point of beam



Engineered, permanent, void-form foundation system:

- Shallow Foundation Design Alternative
- Single Family, Multifamily and Light Commercial
- Post-Tension or Conventionally Reinforced

Interlocking void form boxes + connecting hardware & PT strand clips:

- Non-collapsible & permanent
- Connecting hardware serves as a dual purpose for chair reinforcement that provides precise PT strand placement
- Configurable in single, double, triple, and quad configurations for design flexibility

ESG components:

- Made from recycled plastic (polypropylene - industrial grade plastic)
- Reduce amount of reinforcement
- Reduce amount of concrete required - optimized design

The structural integrity of Wafflemat™ foundations hinges on the voids created within the system, strategically positioned between the concrete slab and the underlying ground. This innovative design departure from traditional foundation enables a distinct separation between the slab and the soil, effectively mitigating the impact of additional stresses caused by the vertical soil movement.

SINGLE/MULTI FAM & COMMERCIAL



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Wafflemat™ is the leading foundation system for multi-family shallow slab on grade foundations (Type I, II and III slabs) built on expansive, rocky, compressible, or other unstable soils.

Our product is chosen repeatedly by builders, developers and their contractors because we help multi-family developers & owners with 3 key objectives:



VS



WAFFLEMAT CREW UTILIZATION

Build stronger foundations with less time, materials, and with smaller crews all at no direct expense to developers.



VS



Reduce or eliminate foundation construction delays due to weather events.

WAFFLEMAT WEATHER DELAYS



VS



WAFFLEMAT CONCRETE YIELD

Waffle boxes represent your yield insurance policy.



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