



# Feel good about your foundation with Tensor® InterAx™ geogrid

## Shake Shack

 Livonia, MI

### CLIENT'S CHALLENGE

Soft subgrade soils and rain were complicating the construction of a new Shake Shack in Michigan. TEC reached out to Tensor engineers for assistance stabilizing the subgrade beneath the building's footings.

### TENSAR SOLUTION

Tensor engineers designed a multi-layer section of geogrid and aggregate to be placed under the foundation footings. Three repeated layers of Tensor® NX850™ geogrid each covered with at least 9" of aggregate were recommended to ensure stability underneath the footings. The geogrid was cut into strips to properly fit in the trench and construction was able to continue despite the wet weather.

Merlo Construction  
**Contractor**

TEC  
**Civil Engineer**

Installation: July 2021  
Product: NX850

Value: Performance was ensured without needing to over-excavate or overspend.

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