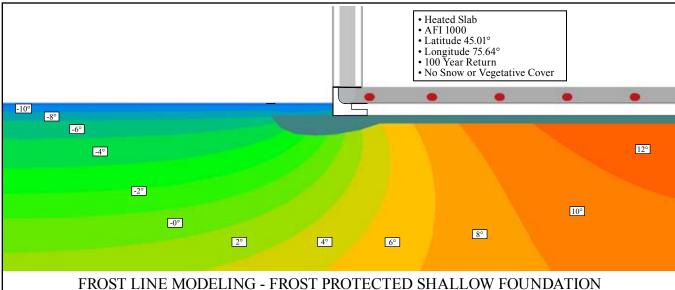


## 





#### THE TEAM

Developer/Owner: Southgate Community Church
Architect: James M. Martin / Timmins Ontario
Builder: Southgate Community Church

Legalett installer: John Teixeira - Teixeira Construction Inc.

Westport, ON / (877) 273-5536.

Legalett Service Representative: John Teixeira - ICF Rideau

Westport, ON / (877) 273-5536.

#### **BUILDING ISSUES**

• Lot had 7' of existing mixed fill.

Engineer's recommended traditional footings and frost

walls which called for removal of all imported fill and replaced with 7' of engineered fill. Cost was prohibitive.

• Legalett design allowed a simplified approach. Vegetative layer was removed and subsoil was compacted for one day with a large vibrating roller, 18" of granular material was added and compacted to 98%-100% Proctor. Legalett was built on top of this base. A small Teixeira Construction crew with 5-7 church volunteers installed the system from start to concrete finished in seven days.

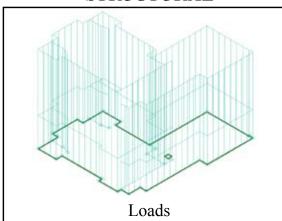
"John Teixeira - (ICF Rideau)"

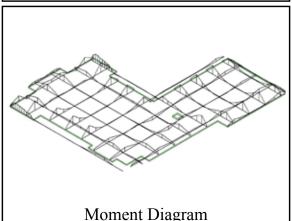
# LEGALETT WHY LEGALETT?

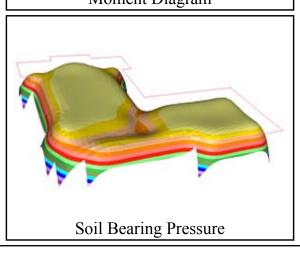
- Savings over traditional process.
- Short timeline for installation.
- Energy efficient design.
- Multiple zone heat control.
- · Fuel flexibility.

"Southgate Community Church"

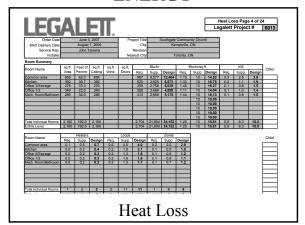
### **STRUCTURAL**

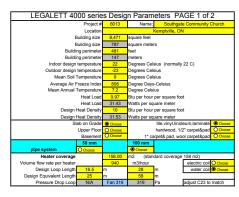






### **ENERGY**





## Piping Density

