



1. Strip topsoil to correct elevation to allow for desired amount of exposed edge and system dimensions.
Note: final landscaping of ground surface at slab shall slope 5% minimum away from slab.
2. Set up batter boards and lay out building.
3. Place clear stone to ensure gravity drainage. Level using a vibratory plate compactor.
4. Locate and place plumbing risers and all other under slab services.(i.e. gas, electrical, etc.)



5. Lay out edge elements. Key edge elements together using metal cap (supplied) and check elevation of edge element using level.



6. Install expanded polystyrene (EPS) insulation board, offsetting the joints.



7. Install bottom wire mesh on chairs at perimeter and under bearing walls as per drawings.



8. Install furnace boxes as per drawings and Product Data Sheets.



- 9. Install pipes as per drawings. Each joint is locked with two screws. Support pipe with EPS pipe supports where not supported by mesh.
- 10. Install top layer wire mesh and other rebar as per drawings. Tie mesh together with supplied lashing wire and wire ties.

- 11. Call for inspection by LEGALETT personnel, or complete pre-pour inspection (LEGALETT Installer/Agent only).
- 12. Place concrete using vibrator. Check anchor bolt locations with framing contractor, ensure bolts are offset from studs and have adequate concrete cover.



- 13. Steel trowel surface using power trowels. Hand trowel around box.

- 14. Keep top of slab moist for three days to minimize shrinkage cracking.

- 15. A LEGALETT construction heater can be used the day the concrete is placed for cold weather pours. In addition, the construction heater **MUST** be run for at least 2 weeks after the building is closed in, before the permanent heaters and floor coverings are installed.

Refer to Construction Heater and Floor Finishes.

