**NOTE:** ALL VERSATUBE LOAFING SHEDS ARE 2" LONGER.

**Dimensions are outside to outside of concrete. The concrete out to out dimensions must be 9" wider and 10" longer than the building size.**

**Example:**
20W x 40'-2" x 10'H building would have a slab dimension of 20'-9" x 41'-0".

**For further questions or concerns about building or slab length, contact a Product & Design Engineer at Versatube toll free at 1-800-900-7222.**

---

**FRAME WxL**

<table>
<thead>
<tr>
<th>WxL</th>
<th>CONCRETE WxL (outside dim.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12'-0&quot; x 18'-2&quot;</td>
<td>12'-9&quot; x 19'-0&quot;</td>
</tr>
<tr>
<td>12'-0&quot; x 30'-2&quot;</td>
<td>12'-9&quot; x 31'-0&quot;</td>
</tr>
<tr>
<td>12'-0&quot; x 42'-2&quot;</td>
<td>12'-9&quot; x 43'-0&quot;</td>
</tr>
</tbody>
</table>

**Frame WxL**

- Storage/Tack room can either be footings only or have a 4" slab poured with the footings. If using a slab, use 6/6/10/10 WWF or #4 rebar grid at 24" spacing at mid-depth in slab.
- If your loafing shed is 30' or 42' long, a single 12" dia. x 24" concrete pier will need to be under the vertical post between open bays.

**General Foundation Notes:**

1. Maximum allowable soil bearing pressure is 1500psf in accordance with applicable code. Owner to verify that soil is stable and compacted to a minimum of 95% relative optimum value.
2. Maximum size concrete aggregate shall be 1" dia.
3. Minimum compressive strength of concrete at 28 days shall be 2500 psi.
4. Place reinforcement at mid-depth for slabs on grade.
5. All splices in continuous reinforcement or reinforcing shall have a minimum lap of 40 diameters. Splices in adjacent bars shall not be less than 4'-0" apart. Vertical wall bars shall be spliced at or near floor lines. bars may be wired to either at splices or laps except for top reinforcing of beam and slabs, or where specifically detailed to be separated.
6. Concrete shall be placed in accordance with the latest ACI specifications.

**This is strictly a suggested foundation design. Other engineered designs may be substituted or dictated by your municipality or inspector.**