Design your Own Laundry-to-Landscape Greywater System

1) Sketch the inside portion of your L2L system.

2) Calculate how much greywater your home produces from the washing machine. This is how much weekly irrigation water you have available from the washer.

- Top loading machine ~ 40 gallons/load
- Front loading machine ~ 15 gallons/load
- Top-efficient machine (no agitator) ~ 25 gallons/load

\[
\text{Weekly irrigation water available} = \text{gallons/load} \times \text{loads/week}
\]

3) Calculate your daily maximum gallons/day. This number determines how large to make your mulch basins.

\[
\text{Maximum gallons/day} = \text{gallons/load} \times \text{max load/day}
\]
4. **List some plants you may irrigate with your L2L system and their general plant water requirements.** If possible, replace a zone of your irrigation system so you can shut it off entirely.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Area of plant (3 x radius x radius for circular plants)</th>
<th>X ½ = gallons/week required at peak irrigation time. <em>If low-water plant divide by 2 again.</em></th>
<th>Amount you'll direct to this plant with GW system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Apple tree</td>
<td>(3 x 4 x 4) = 48 ft²</td>
<td>48/2 = 24 gallons/week</td>
<td></td>
</tr>
<tr>
<td>Example (low water hedge row)</td>
<td>12 x 3 = 36 ft²</td>
<td>36/2= 18 gallons / 2 = 9 gallons/week</td>
<td></td>
</tr>
</tbody>
</table>

5. Sketch the landscape portion of your greywater system.