Suggested Concrete Platform - 16' Yurt

Being what we call a 'soft' structure, the yurt reacts more readily to climatic conditions than do 'rigid' structures, therefore it is important to choose your site carefully and take into account prevailing wind patterns, overhead tree limbs, water runoff, etc. In general, the best site would be protected from the wind, would receive morning sun and afternoon shade and be free from overhead objects such as large dead tree limbs that could damage the yurt in heavy winds. Plan your entry so that the doorway faces away from prevailing winds.

For a secure and comfortable installation, a well–built platform is necessary. To ensure a weather proof installation the platform needs to be circular and the same diameter as the yurt so the side cover fabric can extend below the interior floor level. This will provide a draft–free and watertight seal. Any exterior decking should be separated from, or at a lower level than the yurt platform. Unless you are skilled, enlist the help of an experienced contractor for building the platform.

The following plans show the typical construction of the concrete yurt platform and are a suggestion only. Keep in mind that every site will be different, so the platform construction and footings should reflect the conditions of each individual site and local building code requirements.

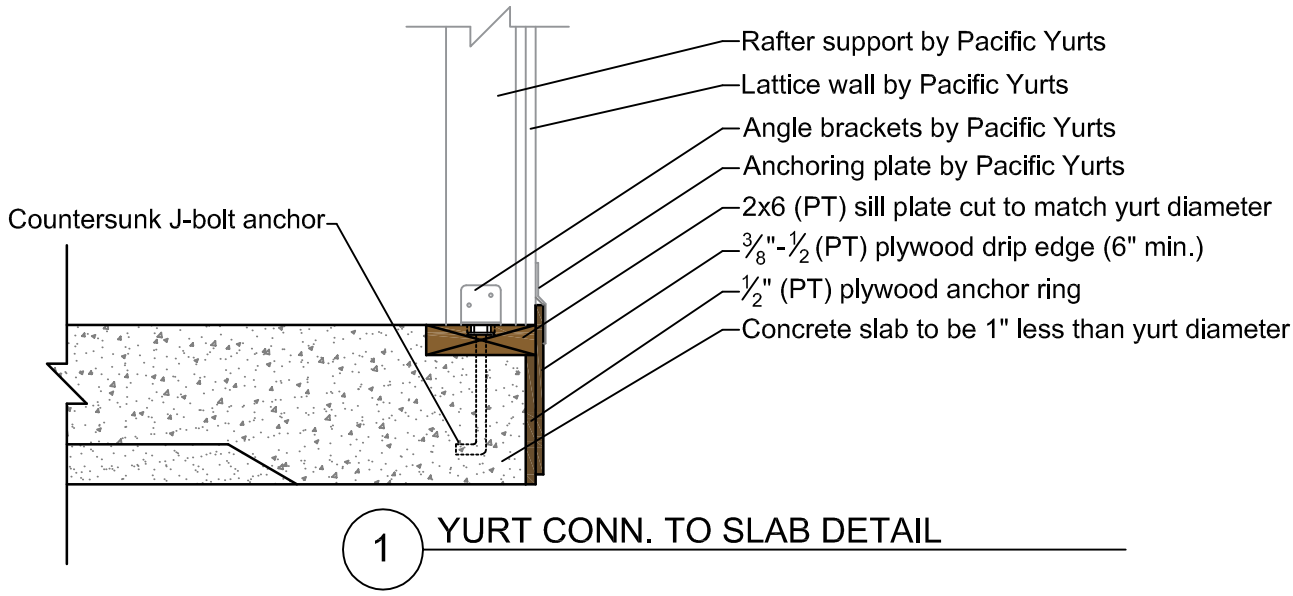
Notes:

1. The bottom portion of the drip edge will be visible once the yurt is installed. It should be stained or painted to protect it and to match the exterior color scheme.
2. The 1" portion of the drip edge that extends above the sill plate will be visible on the inside and can be painted or stained to match the interior color scheme.
3. If you plan to connect the yurt to an existing building (or another yurt) be sure to allow a minimum of 12" between the existing building and your yurt platform. A covered walkway can be built to connect the two after the yurt is installed.
4. If you plan to install a "floating" floor on your platform it might be best to have your sill plate higher than the concrete floor surface. Contact Pacific Yurts for more information on how to prepare the platform for a floating floor system.

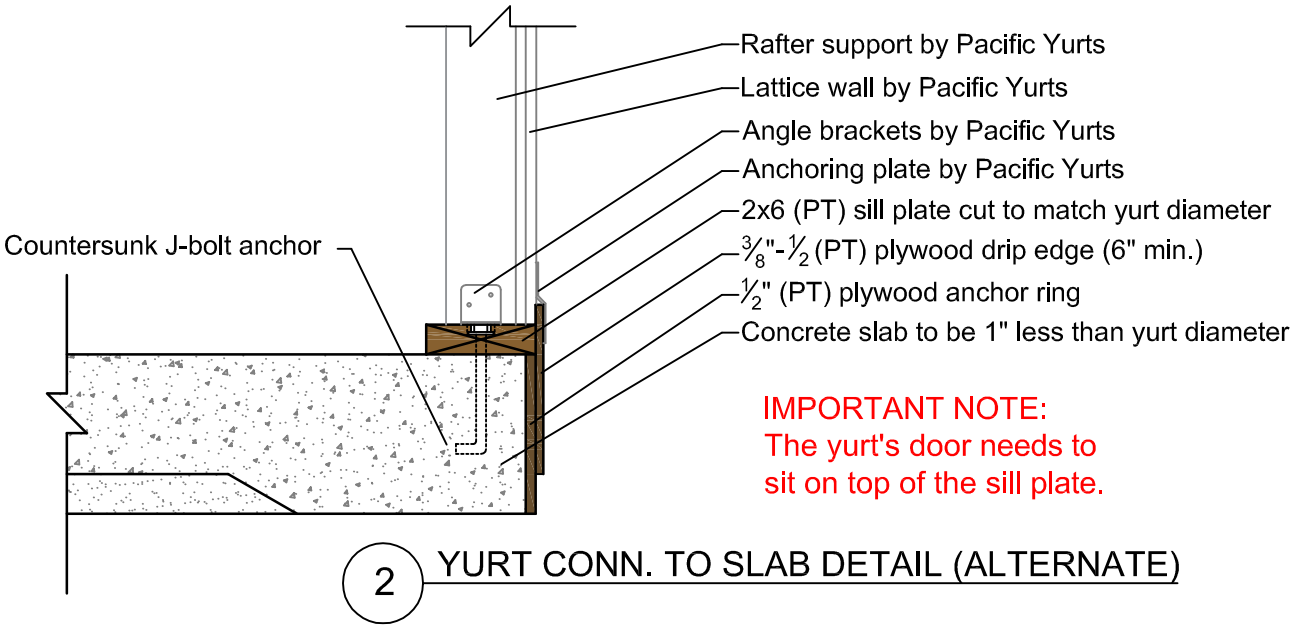
Suggested Concrete Platform - 16' Yurt

As with a wood yurt platform, a concrete platform needs to be circular, the proper diameter for the yurt and include a drip edge (the drip edge is not included in the diameter measurement). A pressure treated wood sill plate will need to be anchored to the outer perimeter of the platform so that the yurt can properly anchor to it with the hardware provided. Two different ways of incorporating the wood sill plate are illustrated below.

The diameter of the concrete should be 1" less than the diameter of the yurt. A ½" thick anchor ring of treated plywood or composite will need to be added to make the platform diameter match the yurt diameter. The drip edge is then added around the circumference, which should extend 1" above the sill plate. The drip edge is made from strips of treated plywood or composite that are ⅜" - ½" in thickness. This is where the bottom of the side cover will anchor to the platform.

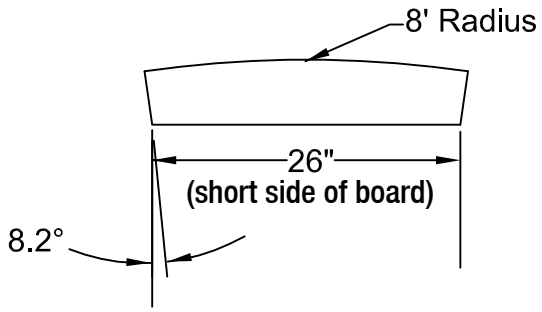


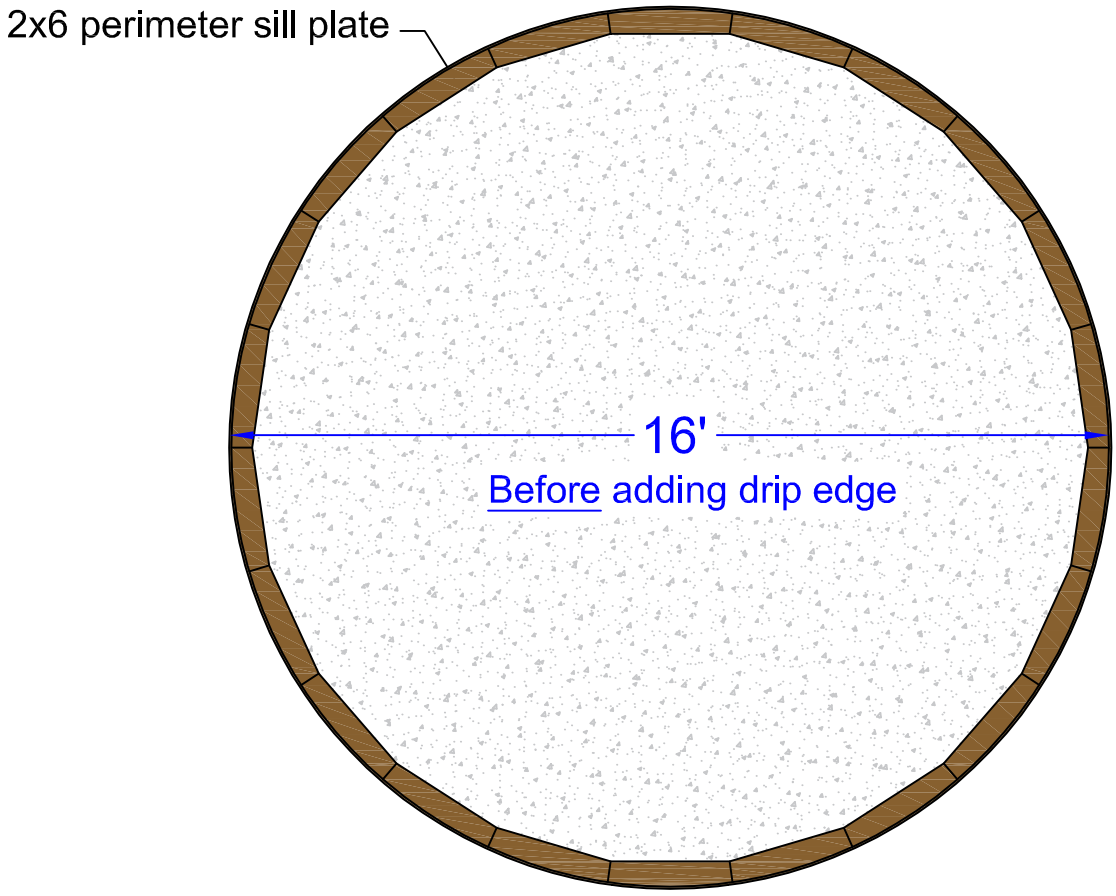
1 YURT CONN. TO SLAB DETAIL



2 YURT CONN. TO SLAB DETAIL (ALTERNATE)

Pressure treated sill plate for **16' yurt** platform: 22 segments





Quick specs:
Concrete diameter = 15' 11"
Anchor ring thickness = $\frac{1}{2}$"
Drip edge thickness = $\frac{1}{2}$"
Minimum height above grade = 6"

3 CIRCULAR SLAB WITH 2X6 SILL PLATE