

## Professional Construction Services

PCS Company, Professional Construction Services, which includes Uniscaffold and PCS Laser are both owned and operated by Al and Babette Peterson. They are located at the Port of Lewiston, 125 Down River Road.

### Uniscaffold

Al began his career as a building contractor doing mostly custom homes as well as commercial construction. While doing custom homes he began using the insulated concrete forms. Once Al started using the ICF forms in the commercial market he found that the scaffold system that was available



came out of Canada, which was costly, and due to customs there was a time delay in getting the system. This system also did not allow contractors to adequately control the wall during the pouring of the concrete. This made the process time consuming and did not provide the ability to keep the walls straight and plumb.

Al developed a scaffold system that is used for Tall Wall construction called Uniscaffold. This system allows the builder to build up several stories (up to 125 feet) with a continuing scaffold system that allows the builder to control the structure insuring the walls are straight and true. The Uniscaffold system provides a much more efficient and economical method for this type of construction. The Uniscaffold system is OSHA compliant. The Uniscaffold system is galvanized and powder coated to deter rusting, which means that it can be used in coastal areas and in industrial settings. The system can be rented, purchased or leased on RTO programs (rent-to-own) and the Uniscaffold systems have been shipped to contractors in Alaska, Texas, Florida, Arizona, New Mexico, Washington & Idaho. Uniscaffold, LLC has set up a training center and has a 3-day training program for their product to insure that people know how to properly assemble the system, which can reach several stories in height, and safely and quickly erect the scaffolding. Al believes in quality above all else and is even willing to go to building sites to provide on-site training.

Al speaks of the need to "build green". The insulated concrete forms are two and half inches thick on the outside, two and half inches thick on the inside and filled with concrete. The walls are also reinforced with rebar, which makes them safer in areas where earthquakes and tornados are common. The ICF walls are equal to an R 50 rated wall with fiberglass insulation and resist moisture and mold. Because of the concrete core, noise does not easily penetrate the structure. Unlike wood, with fiberglass insulation, the ICF form has a low perm rating and a concrete core so air cannot move throughout the wall. Heating and air conditioning units can be half the size of the units needed for a stick built home. With high-energy costs, and lumber at a premium this is an option for commercial and homebuilders to consider.

You can find out more information about this unique Uniscaffold system on their website at [www.uniscaffold.com](http://www.uniscaffold.com)

## **PCS Laser**

Babette Peterson is new to the Laser Stone Etching business, but sees a potentially huge market for this art. Laser engraving is the process of using a CO2 laser beam to burn or engrave images on many forms of materials such as marble, granite, wood, glass and more. The machine that is used to produce this art form can do very small images as small as 1/2" x 1/2" square to as large as a wall mural approx. 4' x 10'.

The quality of the image greatly determines the quality of the engraving; if a photograph is being engraved it must be clear and sharp. Any flaws will be magnified when the engraving is done.

Babette has started by working with the local veterinarians to provide pet monuments and grave markers and most veterinarians have samples in their office. According to Babette the laser etching is a forever thing, depending on the materials used, will easily withstand weather conditions. She is also working with custom homebuilders to produce custom tiles for floors, kitchens and bathroom backsplashes. The office/showroom has a granite wall mural that is an underwater fish scene that is absolutely remarkable. In addition to the laser engraving this mural has been hand painted.

There are potentially hundreds of possibilities for this unique art form. I would encourage you to look at their web site at [www.indioblu.com](http://www.indioblu.com) if you have a specific idea in mind or would like to see their work up close and personal stop by their show room to see the products that are available.