

## Construction update for February 2008

February 11, 2008 five professional framers started to make things happen on the construction site. Everyday 2" x 4"s and 2" x 6"s go up to make the skeleton of the building.



Day One of Framing



Day Two, Earl and Kelly are the volunteers.



Day Two



Day Four, OSB starts to go up.

OSB (Oriented Strand Board) is nailed on the sides. OSB is an engineered, strong, durable panel board and an economical option compared to plywood. It is made from small, fast-growing trees which makes it less expensive to produce and helps preserve old-growth forests.



Demolition is always fun.



The floor joists arrive. It is exciting but expensive every time a Haywood Builder's Supply truck brings a load of lumber.

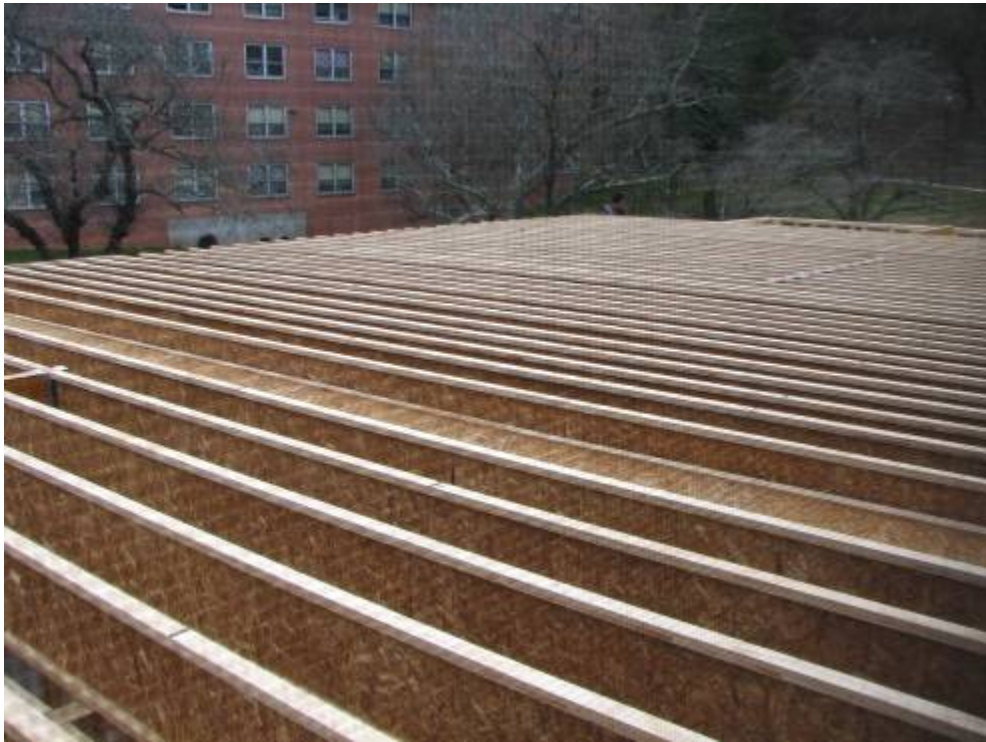
Tyvek made by DuPont is the white wrap-around substance on the side of the building. It is unrolled and nailed to the OSB as an energy efficient barrier against air and moisture.



The unrolling process goes better if it is not windy, unlike this day.



Volunteers like Robbie have worked along side and under the guidance of the professional framers.



Floor joists for the second floor are up and ready for flooring.

After the OSB sub floor is installed on the second floor, the construction will continue like the first floor - wall framing up and OSB added to the sides and wrapped in Tyvek. Then a crane will come and raise the roof trusses. The Cullowhee Kids preschoolers will get pretty excited about watching that happen. After the trusses are up, plywood will be nailed to the trusses. The day for the plywood to be hauled to the roof will be a **HEAVY DUTY WORK DAY**, maybe a machine can help with that.