## Eco-Roof Report 60 Sq Ft – shed roof

November 2012

## **Project Overview**

The eco-roof was designed to sit on top of the composition roof of a cedar shed with a slope of approximately 15°. Two of the shed's walls are attached to the corner of a cedar fence.



## **Building and Planting**

First a frame was built around the perimeter of the shed roof.



Then a grid of 1x4s was put in place under the  $\frac{3}{4}$ " plywood sheeting and an 8' galvanized drip vent was inserted along the low end of the slope.



Next step was to apply a water/ice barrier to the interior of the eco-roof box leaving the drip vent exposed.



Landscape cloth was added to line the box and attached to the wood frame.



Two 2x4s were added to divide the eco-roof into three segments. This was to minimize slippage of soil and plants.



Planting included the addition of some mini-hardscape items salvaged from my yard (river rock) and from a neighbor's downed tree (slices of bark). The first photo is right after completion and the second is as it looked a few months later.





## **Lessons Learned**

The project went smoothly and perhaps a year from now there will be more lessons. The only one so far is be prepared to live with weeds –OR- plan on how to reach them in such a minimally accessible location. A NOTE: I have used 'predator urine' pellets to discourage squirrels from digging in the roof plantings – baby oak trees will be hard for me to remove without hiring someone else to climb up there. So far so good, but squirrels don't give up – and I might!