

# Mayes/Jinks Ecoroof

## Summary Report

### Overview:

Installing an ecoroof seemed like a no brainer for us since the roof of our garage is flat, black asphalt and is visible from our Kitchen, dining room and sunroom windows. We thought it would be great to have an ecoroof both for the positive environmental impact and for the aesthetics of it. We certainly enjoy looking out at our plants now rather than black asphalt and I think our neighbors would agree.

### Ecoroof details:

The roof is 265 sq. ft. It faces the front of our house and is visible from the road and the backyard. The garage already had an asphalt roof and since it is attached to the home we needed very minimal structural work; which consisted of adding 2x4's to the ceiling of the garage and installing sheet plywood to the 3 sides of the interior walls of the garage. The membrane was placed directly on top of the asphalt roof, followed by the soil and drainage rock which was placed on the area of the roof closest the house to provide better drainage, then the plants, grasses and sedums were planted. We also installed a bird bath, solar lighting, feather stones and a few stepping stones.

### Ecoroof benefits:

The roof provides a visual benefit along with reducing the temperature in our home by at least 10-20 degrees in the summer. It also reduces rainwater run-off.

**Design:** Jason of Terra Fluxus

**Contractor:** Dan Manning of Ecoroofs Everywhere

**Cost:** \$3405 Includes all building material, labor and plants.

### Lessons learned:

We learned how easy and rewarding this project really was and wished we would have done it sooner. Once we found a contractor and decided to move forward with the project it was smooth sailing from there. Finding Jason and Dan was a blessing, they both made this project so enjoyable. Jason and Dan are not only our contractors, after this project we consider them our friends.

**Project timeline:**

We started looking into ecoroofs and what was involved in the process of installing one in April of 2012. When doing our research we came across the incentive with the city and that made us speed up the process. We then interviewed a few contractors, chose Jason for the design, Dan for the construction and installation; and filed our paperwork with the city all by the end of May. We then had the structural engineer out to inspect the area and were told that a minimal amount of work needed to be done, which Dan completed for us in 2 days. We then started on our ecoroof and it was all completed within another 2 days. The entire project took less than a week to complete.

**Planting:**

We discussed our ideas with Jason and he came up with our plan. It includes many different plants that attract hummingbirds and butterflies, which was important to us. We also incorporated some feather stones, a bird bath and 3 solar lights; which illuminates the roof at night beautifully. We also planted a mixture of sedums, succulents and grasses. All the plants are thriving since they were planted in June and they strawberry plants are already started to trail over the edges.

**Irrigation:**

The roof did not need an irrigation system. We can access the roof easily from the front and back of the home and we hand water the roof with a garden hose. We also have access to fill the bird bath from our kitchen window with our sink sprayer.

**Maintenance:**

So far the maintenance has been extremely easy. All we have had to do so far is water every couple of days which has been very enjoyable. Watering will become less frequent in the fall and winter months.