

# Resources

## Extensive Green Roofs:

- Reduce Energy Consumption
- Save money from Energy Costs
- Longer Roof Lifespan

## Intensive Green Roofs:

- Recreational Space

Are you a homeowner interested in placing a green roof on your property? Contact companies below!

\*Howard County Library Services provided us with these images



## Green Roofs VS. White Roofs

Characteristic	Green Roofs	White Roofs
Reflects Sunlight		✓
Collects stormwater runoff	✓	
Habitat Creation	✓	
Increase Air Quality	✓	
Provides scenery	✓	
Evaporative Cooling	✓	



# A Homeowner's Guide to Green Roofs

# What are Green Roofs?

Green roofs are a cost-effective method for mitigating environmental impacts due to industrial development. They consist of a layer of vegetation along with structural layers rather than the traditional asphalt roof. There are many benefits provided by green roofs that help maintain the social, ecological, and financial elements that enhance sustainability.



## What About You? Benefits of Green Roofs

- Lower heating and cooling costs
- Campaign for a more widespread use of green roofs in your community
- Beautify your residence and neighborhood

### Energy Efficiency

- Reduces heat fluctuations
- Minimizes heat loss through insulation

### Increased Biodiversity

- Additional habitat for migrating species

### Improved Air Quality

- Filters Pollutants in Rainwater

### Storm Water Management

- Holds 70%-90% of precipitation in the summer
- Holds 25%-40% of precipitation during the winter