

# WASTE MINIMIZATION PLAN

## Sedona Area Sensitive Design Principle #10:

*“Developments should strive to incorporate sustainable and healthy building practices”*

In order to adequately address this principle it is recommended that the applicant include a waste minimization plan with their application. Waste minimization focuses on preventing the creation of waste through source reduction and recycling. This plan should incorporate as many of the following practices as possible:

### PRIOR TO CONSTRUCTION

- Optimize material use by planning building dimensions that correspond to standard lumber and drywall dimensions.
- Commit to use of recycled and salvaged materials
- Consider engineered alternatives to wood framing
- Contract with suppliers to buy-back unused materials
- Have recycle containers on site for collection of site waste
- Plan to purchase products that minimize packaging
- Store materials on-site in ways that ensure they will not be damaged
- Use reusable storage and shipping containers
- Encourage on-site use of reusable containers for drink and food
- Install automatic shut-offs for water and electrical connections
- Specify use of materials with high recycle content
- Plan to purchase materials locally
- Design the facility and site to encourage recycling and minimization of waste
- Incorporate passive heating and cooling opportunities into the site design



### DURING CONSTRUCTION



- Set specific waste minimization goals for the project and attach them to the building plans
- Create mulch from all organic materials being cleared from the site
- Collect lumber, plywood and drywall scraps to be reused on-site as fillers and spacers
- Collect sawdust to be used for mulching
- Make accurate estimates for materials such as flooring and counter tops
- Network with suppliers and contractors to track material sharing opportunities

### AFTER CONSTRUCTION

- Return or recycle unused materials
- Donate unused materials to the local Habitat for Humanity office
- Consider incorporating deed restrictions that encourage tenants and property owners to recycle

#### RESOURCES FOR ADDITIONAL INFORMATION:

Environmental Protection Agency: [www.epa.gov](http://www.epa.gov)

Sedona Recycles: [www.sedonarecycles.org](http://www.sedonarecycles.org)

Verde Valley Habitat for Humanity: [www.vvhabitat.org](http://www.vvhabitat.org)

Sustainable Building: [www.sbcouncil.org](http://www.sbcouncil.org)

Sustainable Arizona: [www.sustainablearizona.com](http://www.sustainablearizona.com)

Construction Waste: [www.constructionwaste.sustainable-sources.com](http://www.constructionwaste.sustainable-sources.com)

