



TOWN OF CLARKDALE SUSTAINABILITY VALUES

As stewards of our resources, we serve as role models for others and keepers of the land for future generations. The people of the Town of Clarkdale are committed to creating and maintaining a healthy, vibrant and sustainable community.

This document provides guiding principles for development in the Town. Great value is placed on creative and innovative methods for meeting the principles of these guidelines.

Siting – Take advantage of the natural resources and consider the impact of building placement.

1. Orientation – for example, in the Southwest, a north/south orientation & overhangs providing shade are desirable
2. Topography – keep ridgelines intact & minimize grading
3. Wildlife – encourage preservation of the natural habitat
4. Plant life – preserve/transplant native, non-invasive species & remove invasive species.
5. Open spaces – clustering development in order to preserve open space is a valued practice
6. View protection – expansive landscape views are a valued benefit in the community; therefore preservation & enhancement is encouraged

Water Management – Recognize that water is an extremely limited resource; efficient and effective management of that resource is critical.

1. Use catchment basins
2. Consider rainwater harvesting where practical
3. Storm water management – (see National Green Building Standard, page 16, 403.5)
4. Washes – while dry much of the year, the washes are the primary drainage for stormwater runoff and there may be rules and impacts to be considered before making any changes. Development must comply with state and federal requirements.
5. Swimming pools – Community use pools are preferred over individual private pools.

Infrastructure – Design project infrastructure to have minimal impact on the environment.

1. Connecting to existing Systems – trails, bikeways, sidewalks, consider wildlife paths & crossings
2. Utilities – we encourage connecting to the town municipal water & wastewater system, encourage installation of power lines underground
3. Parking – we encourage screened and covered parking
4. Road Connection – we value interconnectivity between subdivisions and multiple points of ingress and egress for neighborhoods
5. Street Layout. (Design of street must comply with adopted standards.)



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Green building – Incorporate current technologies to support sustainable design.

The design character of any area of The Town of Clarkdale should be enhanced and strengthened by new development. Building design should be consistent with the Town of Clarkdale’s vision of maintaining small town character as expressed in its architecture and overall community design. Building design should consider the history, the distinctive qualities of the surrounding context, and incorporate those qualities in its design. Building design should be sensitive to the evolving context of the area over time.

1. Energy
2. Alternative methods of transportation including foot traffic
3. Driveways & parking
4. Air quality
5. Innovative practices

Design Principles – Plan projects to fit into existing infrastructure and have minimal impact.

1. Ensure adequate traffic circulation through coordinated street systems with relation to major thoroughfares, adjoining subdivisions, adjacent commercial properties and public facilities;
2. Promote development that incorporates multimodal transportation options;
3. Protect significant, as determined by the Town, natural areas and scenic assets;
4. Achieve individual property lots of reasonable utility and livability;
5. Secure adequate provisions for water supply, drainage, sanitary sewers, and other health/environmental requirements;
6. Encourage projects that incorporate efficient uses of renewable energy sources, including but not limited to, solar, geothermal and wind;
7. Ensure consideration for adequate sites for schools, recreation areas, and other public facilities;
8. Promote the conveyance of land by accurate legal description; and to provide the logical procedures for the achievement of this purpose;
9. Minimize detrimental impacts to the environment by encouraging site designs that protect and enhance the natural features and environmental quality of a site;
10. Encourage landscaping that limits water and energy use and preserves existing natural vegetation;
11. Encourage the preservation of existing wildlife habitat; and
12. Encourage the substitution of effluent for potable water when possible.



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Construction: Incorporate the following best practices

1. Energy efficiency
2. Indoor environmental quality
3. Resource efficiency – quality of construction materials
4. Waste minimization – focuses on preventing the creation of waste through source reduction, re-purposing, recycling and donation.
5. Consider using vegetation removed during construction for mulching on site.
6. Consider a passive solar energy design
7. Encourage the use of energy and water efficient appliances and kitchen/bathroom fixtures.

Maintenance & Restoration – Minimize environmental impact

1. Design & construction practices are implemented that enhance the durability of materials and reduce in-service maintenance.
2. Upgrade all systems when possible to meet the highest possible energy efficient standards.

Landscape Standards – Develop a landscape plan that conserves resources by incorporating the following:

1. Use of site design that retains and directs rainwater to landscape areas.
2. Retention, to the greatest extent practical, of existing natural trees and shrubs on the site.
3. Transplanting of existing native vegetation that cannot be retained into new landscape area.
4. Use of an effective irrigation system that senses soil moisture.
5. Design of irrigation system that avoids overspray and overflow.
6. Include a target shut-off date for the irrigation system.