



### SENSITIVE LANDS ANALYSIS FORM

The following administrative instructions outline submittal requirements that must accompany an application for subdivision of land or site design, as applicable, for sensitive lands (ref. §14-16-5-2 of the IDO). The analysis should be conducted and signed by the professional(s) skilled in that landform, i.e., civil engineer, landscape architect, or geotechnical engineer.

Applications must include:

1. An inventory of each sensitive land feature, including:
  - a. Location of features on a scaled map overlaid on an aerial photo;
  - b. Photographs to capture all angles of the feature(s);
  - c. Pertinent dimensional descriptions (see detail in table); and
  - d. Other details (see table).
  
2. For each sensitive land featured, identify those features that will be saved. Identify how the feature will be protected during construction. For any features that will not be saved, provide justification as to why it is not practicable to save this feature.

Sensitive Lands Table

FEATURE	MAP LOCATION	PHOTOS	DIMENSIONS	OTHER DETAILS
Floodplains and flood hazard areas	X			FEMA map, LOMR
Steep slopes	X	X	Percentage or vertical to horizontal rise	Description of erosive forces
Unstable soils	X	X	Geotechnical report ref. existence of clay, blowing sand, and/or high-water table	Description of soil characteristics
Wetlands (constant supply of water)	X	X		Description of animal and plant species in ecosystem
Arroyos	X	X	Historical CFS Side slopes Width and depth	Identify the arroyo in the natural drainage system
Irrigation facilities (acequias)	X	X	Height and width of levee Location of tope of slope Is it a community or MRGCD facility?	Identify the acequia in the irrigation system
Escarpment	X	X	Slope Length	Existence of petroglyphs; description of escarpment face
Rock outcroppings	X	X	Height, length and width	Describe co-existence of trees and shrubs
Large stands of mature trees	X	X	Trunk caliper by species Number in each cluster Native species and non-native species?	Identify tree species and health <i>*Evaluation of City Forrester required</i>
Archeological sites	X			>5 acres, archeological certificate

The Sensitive Lands Analysis is based on these Comprehensive Plan Goals:

POLICY 11.3.1

Natural and Cultural Features:

Preserve and enhance the natural and cultural characteristics and features that contribute to the distinct identity of communities, neighborhoods, and cultural landscapes. [ABC]

- a) Minimize negative impacts and maximize enhancements and design that complement the natural environment, particularly features unique to Albuquerque, in development and redevelopment in light of the relationship to and effect upon the following:
  - i. Indigenous vegetation and other materials appropriate to landscapes;
  - ii. Topography and landscape features such as arroyos, the Rio Grande and Bosque, the foothills, and escarpments;
  - iii. Soils and erosion potential;
  - iv. Colors and textures of the natural environment; and
  - v. Scenic views from the public right-of-way
- b) Minimize the visibility of structures in highly scenic areas and on the western horizon as seen throughout the city through building design and materials that blend with the natural colors of the landscape and limit reflectivity.
- c) Protect important views from public rights-of-way through regulations on street orientation, site layout, building height, and signs.
- d) Encourage site design that enhances and leverages views to cultural landscapes.
- e) Encourage appropriate edge treatments, transitions, and buffers through site design and development standards for development adjacent to Open Space.
- f) Plat single-loaded streets to maintain scenic edges next to Open Space.
- g) Encourage reconstruction and revegetation to a natural setting.

11.3.1.1 Adopt site development standards and/or view protection overlays for orientation of new streets, building and wall height and placement, massing, frontage, color, signs, utilities, and/or tree preservation as needed to protect cultural landscapes and significant views from the public right-of-way along key corridors. [ABC]

POLICY 11.3.3

Bosque: Regulate development on adjacent lands to preserve and enhance the Bosque as an important cultural landscape that contributes to the history and distinct identity of the region, as well as nearby neighborhoods. [ABC]

- a) Minimize grading, changes to natural topography, and land disturbance to preserve natural features.
- b) Encourage reconstruction and revegetation to a natural setting on lands adjacent to the Bosque.

POLICY 11.3.6

Volcano Mesa: Preserve open space, natural and cultural landscapes, and other features of the natural environment within Volcano Mesa. [A]

- a) Respect Albuquerque's culture and history, including Hispanic and Native American, through context-sensitive development.
- b) Encourage development that is sensitive to the open, natural character of the area and geological and cultural conditions.
- c) Protect important views, vistas, and view corridors from within Volcano Mesa to the Rio Grande basin, across the city of Albuquerque, and to the Sandia Mountains.
- d) Protect the area's natural and archaeological resources, including the Monument and significant rock outcroppings, while encouraging urban development in the Volcano Heights Urban Center to create a vibrant, walkable district with an identity, character, and sense of place inextricably linked to the volcanic landscape.