



PIMA COUNTY
DEVELOPMENT SERVICES DEPARTMENT
PLANNING DIVISION
201 N. Stone Avenue, 2nd Floor
Tucson, AZ 85701-1207

Carmine DeBonis
Director

PHONE: 520.740.6800
FAX: 520.623.5411

NATIVE PLANT PRESERVATION PLAN REQUIREMENTS

1) PROCEDURES

- a) Submittal Requirements
 - i) Consult Development Plan and/or Plat Checklist for requirements for Plans associated with Development Plans or Plats.
 - ii) All submittals will be made through the Subdivision Coordination Office and will be prepared in accordance with the Native Plant Preservation Requirements. Incomplete or incorrect submittals will not be accepted.
 - iii) Submittals will be accepted Monday through Friday, 8:00 a.m. to 5:00 p.m.
 - iv) Submittals must include:
 - (1) Two (2) copies of all submittal documents.
 - (2) Blue lines must be folded with the County fold.
 - (3) Fees. Refer to current Fee Schedule.
 - (4) Official Board of Supervisors Minutes and Preliminary Development Plan when the subject parcel has been rezoned.
 - (5) Provide documentation from Pima County DOTFCD regarding any allowed disturbance of riparian habitat. Provide mitigation requirements when disturbance is allowed.

1. COVER SHEET:

- a. Title block with project name, preservation method, and all applicable Pima County case file reference numbers. The project P12 number should be larger than the other case file numbers.
- b. Location map, north arrow and scale.
- c. Reference map clearly showing the location for each sheet with reference points, if the plant inventory requires more than one sheet.
- d. A legend showing all line types and symbols.
- e. Area calculations for the following:
 - Total site area:
 - Total disturbed area:

- Total **undisturbed natural** open space:
- Total riparian habitats on site:
- Total riparian habitat to be disturbed (**by any means**)

2. INVENTORY SHEETS:

- a.** A clearly legible **Aerial Photo** at 1 to 50 scale showing the following:
- 1) Complete project boundaries.
 - 2) Clearly identify grading limits of grading and Natural Open Space boundaries.
 - 3) Delineate and identify washes and riparian habitats.
 - 4) Identify individual inventoried plants located outside of Natural Open Space.
 - 5) Identify, with a unique symbol for each type, which plants will be Preserved in Place (PIP), Transplanted on Site (TOS), or Removed From (the) Site (RFS).
- b.** The **site plan** at 1 to 50 scale (may be overlaid on the aerial) showing the following:
- 1) Complete project boundaries.
 - 2) North arrow, scale.
 - 3) Clearly identify grading limits of grading and Natural Open Space boundaries.
 - 4) Delineate and identify washes and riparian habitats.
 - 5) Identify individual inventoried plants located outside of Natural Open Space.
 - 6) Identify, with a unique symbol for each type, which plants will be Preserved in Place (PIP), Transplanted on Site (TOS), or Removed From (the) Site (RFS),.
 - 7) Show the location of proposed roads, rights of ways, utilities lines, buildings, lot lines, etc.
 - 8) Number lots consistent with the plat.
 - 9) Show topography with 2 foot contour lines
 - 10) Show the proposed location for the temporary holding nursery
 - 11) Show and label the location of required orange plastic barricade fencing around PIP plant drip lines and Natural Open Space boundaries.

3. INVENTORY CHARTS:

- a.** List each plant required to be inventoried by the number assigned to individual plants.
- b.** Provide the scientific and common names of individual plants.
- c.** Provide the viability rating (high, medium, low) using the criteria from the Chapter 18.72.
- d.** Provide comments to justifying the viability rating.
- e.** Provide the transplantability rating, with comments.
- f.** Indicate the proposed disposition of the plant. (PIP, TOS, RFS)
- g.** Provide mitigation and credit calculations. An Excel spreadsheet is available from this Department.
- h.** Provide a summary chart of the calculations showing minimum preservation plan requirements for each method the number of plants inventoried for each species, the viable plants inventoried for each species, the number of supplemental plants required for mitigation.

Note: Protected native plants and federal safeguarded species must be shown in two different categories.

4. OTHER REQUIREMENTS:

- a. Provide a copy with the submittal of any associated rezoning conditions or DRC conditions that affect Native Plant Preservation Plans.
- b. When riparian habitat is present, provide copies of communications from Pima County DOTFCD regarding any allowed disturbance of riparian habitat and whether any mitigation will be required.

5. REQUIRED NOTES:

- a. Any riparian habitat mitigation requirements will be shown in the landscape plan.
- b. All areas designated to be preserved as natural open space shall be fenced for protection during construction using minimum 4-foot high orange mesh barricade fencing. All preserved in place, transplanted and supplemental plants will be fenced at the drip line. The drip line for saguaros will be at a radius of 1/4 of the height of the plant. Grading shall not encroach into natural open space or within the drip line of a preserved, transplanted or supplemental protected native plant. The developer is responsible for insuring that protective fencing remains throughout the construction and development process. A “no disturbance” standard in all natural open space areas.
- c. Before the issuing of grading permits, all viable inventoried plants proposed for preservation- in-place, salvaged and transplanted-on-site, and remove from site, shall be tagged with their assigned numbers, and color coded as recommended by this preservation plan (white=PIP, blue=TOS, yellow=RFS). The assigned monitor must provide a report to the Subdivision Review Section of the Planning Division that the fencing has been properly installed.
- d. The north side of all saguaro and barrel cacti approved for transplanting shall be marked prior to removal to ensure proper orientation in the new location.
- e. All NATIVE VEGETATION MITIGATION, SALVAGE AND PRESERVATION plans shall be integrated into the landscape plan.
- f. The Tentative and Final Plats, Development Plan, Grading Plan, and associated Landscape Plan shall include these restrictive notes:
(LIST ANY APPLICABLE NOTES)
- g. Any changes in grading limits or development layout must be submitted to the Planning Department to determine if a revised preservation plan will be required.
- h. Include a note addressing maintenance and irrigation of salvaged plants while in the temporary nursery. Specifically describe the method(s) and system(s) used. Assign the maintenance responsibility to the property owner or agent, developer or other liable entity.
- i. This preservation plan shall also be in conformance with the Federal Endangered Species Act and Arizona Native Plant Law. A report identifying existing safeguarded species and disposition shall be included.
- j. This project will (or *will not*) provide for the harvesting process.
- k. On site monitoring of all aspects of site/construction and grading shall be provided at the expense of the developer, during construction and at one year after final inspection, to ensure the protection of preserved plants and set aside areas. Monitoring shall be performed by an individual qualified in natural resource identification and protection, and be approved by Pima County.
- l. The assigned monitor for this project is: _____ phone # _____
- m. A landscape contractor licensed in the State of Arizona will perform all salvage and transplanting operations. Indicate the contractor.
- n. All transplanted specimens will be in good health and condition, planted in association

with nurse plants when required to assure survivability, and irrigated and maintained to ensure their survival and health for the duration of any stay in a temporary holding area and in their permanent location on-site. Preserved-in-place plants may serve the function of nurse plants.

- o.** Containerized plants used to meet the requirements of Chapter 18.72 will be protected with browse control cages or other techniques proven effective in deterring herbivores as approved by the County.
- p.** Saguars less than three feet in height will be transplanted below “nurse” plants (i.e. mature mesquite, palo verde or acacia trees) such that the overlapping tree canopy provides partial shade and protection. Provide artificial shade for a season, or plant under a tree or shrub unless the cactus or saguaro three feet or greater in height was originally growing in full sun.
- q.** All salvaged Saguars and cacti will be transplanted with the same sun orientation as their original location.
- r.** All saguaros will be planted away from the sphere of influence of any irrigation designed for a nurse plant.
- s.** All listed plants will be planted in locations able to support their long term health and survival and in densities and configurations to approximate the site’s pre-construction vegetation characteristics.
- t.** Mistletoe infections will be removed from specimens before transplanting.

Please contact this office at 740-6800 if there are any questions regarding the requirements.