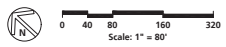


TREE DISPOSITION LEGEND

KEY	DESCRIPTION	QUANTITY
	EXISTING TREES TO REMAIN	172
	EXISTING TREES TO BE REMOVED (ALL PROTECTED) (DEAD TREES INCLUDED)	11

TREE DISPOSITION PLAN NOTES

1. See Arborist Report for full tree protection notes, and general construction management recommendations.
2. Tree Disposition Plan has been prepared based on topographic survey provided by the Civil Engineers. See Arborist Report prepared by USA Associates Inc, Anna Van Zuuk, certified arborist (PWC 105124), dated June 2, 2023 for tree evaluation details.
3. (625) new trees are proposed at the time of SPAR submittal. See planting plans for reference. Tree size is 15 gallon minimum.



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RESULTS

A total of 383 trees (Table A) were inventoried and evaluated within the project area, as shown on Figure 2 (Attachment A). A table listing all tree species and their size, general health, and additional notes and recommendations is included in Attachment B. No tree within the project area have been designated as heritage trees.

Table A: Summary of Trees Observed in the Project Area

Table with 4 columns: Species, Count, City of Petaluma Protected Tree, Sonoma County Protected Tree. Rows include various tree species like Arroyo willow, Big leaf maple, and Redwood.

Native oak species are protected under both the City of Petaluma and County of Sonoma tree ordinances, specifically trees greater than 4 inches DBH per city ordinance and trees greater than 9 inches DBH per the county ordinance. This equates to all oak trees being protected under the City ordinance, and 77 percent of oak tree oaks and 86 percent of valley oak trees being protected by the County ordinance.

Under the City ordinance, all trees within a riparian corridor are also considered protected trees. For this project, that includes all arroyo willow, Gooddings black willow, northern California black willow, and bowlder trees. The only trees within the project area that are not protected by the City ordinance are the big leaf maple and the cherry plum which are growing outside the riparian corridor and are not named/protected species.

Under the County ordinance, big leaf maples are also named as a protected species in addition to oaks. None of the other species present within the project area are protected under this ordinance.

A total of 11 trees, consisting of 9 valley oaks, 1 coastlive oak, and 1 arroyo willow, were determined to be in dead or poor condition (ratings of 0 and 1, respectively). These trees would not require a tree removal permit per section 17.060 B of the City ordinance and section 26D-5 of the County ordinance.

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GENERAL RECOMMENDATIONS

The design for the project has not been finalized, therefore, the following recommendation are general recommendations for the project:

- 1. In general, the project should adhere to the City of Petaluma tree ordinance over the County of Sonoma tree ordinance for replacement guidelines, fee, and tree protection measures. The only exception will be the big leaf maple, which is protected by the County ordinance but not the City ordinance. The project should not mitigate twice for any one tree.
2. Final design of the project should reflect the considerations and safeguards identified in Section 17.050 of the City ordinance for grading and site improvements to the maximum extent practicable.
3. For development projects that require Planning Commission/ City Council approval, protection trees authorized for removal will be addressed as part of the development conditions or approval. Therefore, it is LSA's understanding that a tree appraisal will not be required to calculate the security deposit. Per Section 17.050F of the City ordinance, creeks, riparian corridors, and significant groups or stands of trees are exempted from security deposit requirements unless required by the approving authority through the development review process.

- 4. Removal of all 11 trees in dead or poor condition is recommended to ensure the continued safety of construction personnel and other persons who may utilize the project area prior to project implementation. Since all 11 trees are protected under the City of Petaluma tree ordinance, a tree removal permit will be required per Section 17.060 A. These tree removals may occur prior to project construction or may be combined with any other required tree removals. All tree removals will be identified in a subsequent report along with requirements for tree replacement and any applicable fees.

If you have any questions, please contact me at (706)844-2983 or via email at info@lsafirm.com.

Sincerely, LSA Associates, Inc.

Anna Via Zuik

LSA Certified Arborist #WE-126161

Attachments: A - Figures B - General Tree Information C - Definitions

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Table with 6 columns: Species, Species Code, Count, City of Petaluma Protected Tree, Sonoma County Protected Tree, Notes. Rows include species like Arroyo willow, Big leaf maple, and Redwood.

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