

**PENINSULA HUMANE SOCIETY
ANIMAL SANCTUARY**

TREE PROTECTION & REMOVAL PLAN

Prepared for:

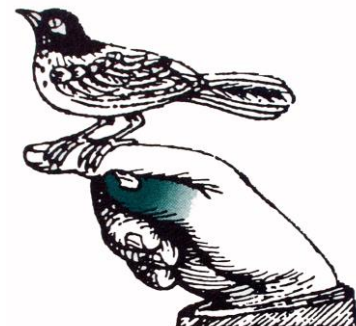
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TREE REMOVAL PLAN
PENINSULA HUMANE SOCIETY ANIMAL SANCTUARY
12429 Pescadero Creek Road
Loma Mar, CA

The Peninsula Humane Society Humane Sanctuary is located at 12429 Pescadero Creek Road, Loma Mar, is displayed on Sheet TR-1 Tree Removal exhibit by Lea and Braze Engineering dated 07-12-21. By reference this plan and attachment are made part of that plan set. The attached Tree Protection Plan is included in this Plan Set to assure removals and tree protection criteria are properly included in the development process.

A total of seven trees as listed below are proposed for removal to allow for safe road access and development footprint.

Road
1, 2,
3, 7

TREE 1

Douglas-fir (*Pseudotsuga menziesii*) is multi trunk with dbh 16, 23 and 14 inches. Condition is fair to poor with the roots being undercut by previous grading activities leaving is potentially unstable. Additionally, old fence wire is imbedded in the lower trunk.

Water
4 -6

TREE 2

Coast live oak, (*Quercus agrifolia*) single trunk, dbh 22 inches, poor condition, leaning and off-balance crown adjacent to existing road.

TREE 3

Coast live oak, (*Quercus agrifolia*) single trunk, dbh 18 inches, leaning with off balance crown, poor condition

TREE 4

Coast live oak, (*Quercus agrifolia*) multi trunk, dbh 15, 22, 24, fair condition with off balance heavy crown subject to potential failure.

TREE 5

Coast live oak (*Quercus agrifolia*) multi trunk, dbh 16, 13, fair condition with off-balance crown.

TREE 6

Coast live oak (*Quercus agrifolia*) dbh, 22 inches, in good condition showing some deferred maintenance.

TREE 7

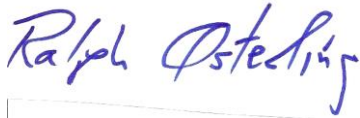
Coast live oak (*Quercus agrifolia*) dbh, 18 inches, in fair-to-good condition with about 40% of the rooting area being cut from previous grading activities. The crown is full and balanced.

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DISCUSSION

Trees 1, 2, 3 and 7 are along the existing road that needs improvement for ready safe access. Trees 4, 5, and 6 are within the vigorous stand of coast live oak that dominates the ridge area around the administration features. Maintenance pruning is recommended on the remaining trees to enhance the safety and esthetics of the site.

Respectfully,



Ralph Osterling, President, ACF, CLFA
Registered Professional Forester #38
State of California



RSO:js

Attachment: Site Plan

TREE PROTECTION PLAN
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This Tree Protection Plan is to be included as a detail on the final site plans used for construction.

- 1 A Certified Arborist or Registered Professional Forester is to be retained to act as the Project Forester to monitor any construction activities that may impact the health of protected trees at the site.
- 2 Supplemental Water
(maybe)
- 3 Prior to the start of grading and construction, trees within the construction area that are to be retained are to be checked for equipment and building clearance and professionally pruned prior to work commencing.
- 4 Prior to the start of grading and construction, a minimum six inch layer of clean wood chips is to be installed and maintained within the dripline of protected trees.
- 5 Prior to the start of grading and construction activities, temporary protective barriers consisting of chain link fencing six (6) feet high and attached to 1.5 inch diameter metal posts driven firmly into the ground, spaced no more than 10 feet apart are to be placed one foot beyond the dripline or at limits specified for each tree by the Project Forester.
- 6 Final configuration of the tree protection fencing is to be determined and approved in the field by the Project Forester.
- 7 Access (gate or panel) is to be provided to allow examination of the trees.
- 8 The tree protection fencing is not to be moved without approval from the Project Forester.
- 9 The fencing is not to be moved without approval from the Project Forester.
- 10 The area within the fencing is the Tree Protection Zone (TPZ).

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11 Tree Protection Zone (TPZ) Restrictions

- 11.1 All work within the TPZ is to be approved by the Project Forester prior to the commencement of the task.
- 11.2 No vehicles or equipment are allowed within the dripline or TPZ of any protected tree.
- 11.3 Do not store or dumping construction materials, equipment, supplies, chemicals, paints, concrete or spoils within the TPZ.
- 11.4 All work within the TPZ is to be performed by hand held equipment. The use of compressed air such as an Air Spade® for excavation is encouraged.
- 11.5 Grade changes or excavations within the TPZ are to be first authorized and later supervised by the Project Forester.

12 Tree Contractors

- 12.1 All tree work tasks (pruning, tree removal and stump grinding) are to be performed by a State of California Licensed Tree Contractor. All pruning is to be performed or directed by a Certified Project Forester or a Certified Tree Worker in accordance with the Best Management Practices for Pruning (International Society of Arboriculture) and adhere to the most recent editions of the American National Standards Institute (ANSI) for Tree Care Operations (Z133.1) and Pruning (A300). The Project Forester should monitor any pruning of the trees.

13 Post Construction Care

- 13.1 Trees preserved at the construction site will experience a physical environment different from that of pre-development. As a result, tree health and structural stability should be monitored. Occasional pruning, mulch, pest management and irrigation may be required. These trees may require pruning on a 5 to 7 year cycle.