

CASA GRANDE
PETALUMA, CALIFORNIA

ARBORIST'S REPORT

October 9, 2019

Prepared & Submitted By:

Becky Duckles

ISA Certified Consulting Arborist #WE-0796A
Sebastopol, CA

707.829.0555 ph

BECKY DUCKLES
CONSULTING ARBORIST & LANDSCAPE ADVISOR
SEBASTOPOL, CA 707.829.0555 PH

CASA GRANDE
Casa Grande Rd, Petaluma, Ca

ARBORIST'S SUMMARY
October 9, 2019

This flat, long, narrow property presently contains an old farmhouse and very old wooden residence, and a large metal warehouse type structure. In the rear of the site, the property borders Adobe Creek on the east end. No work will be done within the creek setback except construction of a stormwater drainage dispersal structure.

There are only a few existing trees on the site, which are proposed to be removed for construction. They are listed and described in the attached inventory. A few existing trees on the adjacent property along the south property line have branches extending over the fence. They will need to be pruned for clearance prior to construction. Prior to construction we are discussing and finalizing details about potential impact to roots and protection of adjacent trees along that south property line.

There are many existing native (and a few escaped exotic species such as Himalayan blackberries) growing along the banks of Adobe Creek on the east end of the site.

The structures and existing trees will be removed to construct a new subdivision. Trees are tagged and numbered on site as referenced in the enclosed inventory, and their numbers are shown on sheet L-5 of the Tree Removal and Protection Plan by Steven J Lafranchi & Associates. All existing trees have been identified, measured, common and botanical names listed, with a numerical rating/value for condition as requested by the City of Petaluma; 1 = poor, 2 = fair, 3 = good, 4 = good/excellent, 5 = excellent. Comments regarding protected status and whether to be removed or retained are listed for each tree (or group of trees). Tree Protection Measures will be included on the above cited plan.

Respectfully submitted,

Becky Duckles

Becky Duckles, Project Arborist
International Society of Arboriculture Certified Consulting Arborist #WE-0796A

Encl. Tree inventory, Tree Protection Measures

CASA GRANDE - PETALUMA

TREE #	SPECIES	TRUNK DIAMETER (In.)	CONDITION & STRUCTURE (1-5)	COMMENTS/RECOMMENDATIONS
1	Box Elder/ <i>Acer negundo</i>	6.9, 12"	2	Not a protected tree. To be removed for construction.
2	Siberian Elm/ <i>Ulmus pumila</i>	17, 18"	3	Not a protected tree. To be removed for construction.
3	Corkscrew Willow/ <i>Salix tortuosa</i>	NA	3	On adjacent property; branches extend approximately 12' to north on project site and will need clearance pruning. Trenching or grading along PL may impact roots.
4	Coast Redwood/ <i>Sequoia sempervirens</i>	NA	4	On adjacent property; branches extend approximately 12' to north on project site and will need clearance pruning. Trenching or grading along PL may impact roots.
5	Adobe Creek banks - mixed riparian	NA	2 to 5	Mixed native riparian species typical for this area, including 2 species native willow, Himalayan blackberry (non-native, escaped exotic), buckeye, elderberry, toyon, coast live oak. No work will be done within this area and no plants or trees will be impacted or removed.
6	English Walnut/ <i>Juglans hindsii</i>	14"	5	Not a protected tree. To be removed for construction.
7	Box Elder/ <i>Acer negundo</i>	30"	5	Beautiful specimen. Not a protected tree. To be removed for construction.
8	Giant Sequoia/ <i>Sequoiadendron giganteum</i>	47"	5	Beautiful specimen. Not a protected tree. To be removed for construction.
9	Giant Sequoia/ <i>Sequoiadendron giganteum</i>	24"	4	Not a protected tree. To be removed for construction.
10	Giant Sequoia/ <i>Sequoiadendron giganteum</i>	27"	4	Not a protected tree. To be removed for construction.

CASA GRANDE - PETALUMA

TREE PROTECTION NOTES

1. Tree protection fencing shall be installed at the driplines of trees to be preserved, as per City of Petaluma standard detail. If temporary access is required within the fenced area, the fence may be removed with the approval of the project or monitoring arborist, and replaced at the edge of required access. On this project, this will be at the top of the Adobe Creek bank on the south end of the site, and where tree branches overhang the fence on the west property line. When work will be required within these two areas, a monitoring arborist shall be present when fencing is removed, and to oversee clearance pruning and work within rootzones (within driplines) on the west side. If roots 2" and larger are found within this area, they should be carefully exposed by hand digging and the use of equipment to reveal their locations and size. Depending on requirements for grading, trenching or construction in those areas, the arborist may recommend pruning of overhanging branches and roots which cannot be preserved.
2. Pruning should be the minimum necessary for necessary access, vertical clearance, and crown restoration. It should be done by trained, qualified tree workers according to ISA Pruning Guidelines and ANSI 300 Standards.
3. The project arborist or designated monitoring arborist shall be notified 48 hours in advance to be present when grading or trenching will be occurring within the driplines of trees to be preserved.
4. No parking, storage of materials, disposal of waste, operation of equipment or other construction activity shall occur within driplines of trees to remain except as advised by the project arborist.