

WESTREE

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August 12, 2010

Tom Sanborn  
1233 Mission Ridge Road  
Santa Barbara, CA 93103

RE: Trees potentially impacted by proposed new residence and guest house.

Dear Tom,

As per your request, this a report addressing the tree protection necessary for the existing trees on site during the demolition and rebuilding of the proposed new residences.

The site currently only has two Coast Live Oaks (*Quercus agrifolia*) located to the west of the existing house that will need to be protected during the project. There is one Phoenix Palm that is not of concern from the construction but maybe relocated on site according to the grading plan.

Of the two Coast Live Oaks, the 24" dbh (diameter at breast height) located on the edge of the existing lawn and to the south of the proposed guest house is in good health and condition, making it a wonderful asset to the property. In addition to the attached tree protection measures that must be adhered to, I would like to ensure the drainage from the rain gutters and hardscape surrounding the guest house does not drain to the root zone of the Oak tree. I would recommend less water loving plants and more native plant material to be used within the root area. Otherwise, I do not see any harm coming to this tree.

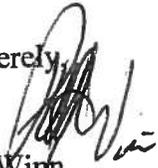
The second Coast Live Oak, a 20" dbh tree in average health and condition is located on the edge of the existing concrete deck. This tree will have the breakfast nook built on the edge of the drip line so I would like to see some form of engineering done with the foundations close to the tree such as caissons and grade beams to minimize any root damage. The deck will be replaced with some form of permeable material or pavers on sand. As with the other Oak, I would encourage more native plant material. Provided all attached tree protection measures are adhered to I feel this tree will not be adversely impacted.

## **RECOMMENDATIONS FOR TREE PROTECTION DURING CONSTRUCTION.**

- Fence off all trees from construction at the critical root zone or where practical with 6' chain link or orange construction fence with metal stakes.
- No activities or storage of construction materials shall be allowed within the fenced areas unless approved by the project arborist.
- Any root disturbance to any of the protected trees shall be done by hand and the project arborist alerted.
- All roots encountered shall be cut cleanly with a sharp saw to allow for new root regeneration, backfilled immediately or kept moist to prevent drying out and dying.
- Any tree affected by the construction process shall be deep-root fertilized to promote better health and vigor.
- Compaction of the root zone shall be avoided by spreading 3-4" of mulch. If necessary plywood or equivalent shall be placed on top.
- During hot, dry periods the foliage may need to be washed with high pressure water to remove construction dust.
- Project arborist shall be notified prior to any activities within the critical root zone.
- All trenching of utilities, irrigation and lighting shall not encroach within the critical root zone unless approved by the project Biologist or Arborist.
- Native or Specimen trees removed or damaged shall be mitigated, utilizing the current County recommendations of either 10:1-1gallon, or 5:1- 15gallon or 3:1 24"boxed trees.

Should you have any further questions or comments please do not hesitate to call my office at 805 966 3239.

Yours sincerely,

  
Peter J.H. Wirm  
I.S.A. Certified Arborist #921