

Bree Medley
The Brandt Design Group
66 Bell Street, Unit #1
Seattle, WA 98121

RE: Stewart Residence 4600 Forest AVE SE St, Mercer Island

This is the follow-up to my site visit/inspection of the proposed construction plan and its possible effects on the Western Red Cedar in the backyard. The tree is located just off the middle of the deck. Project Arborist to be on site for installation of protection measures and in this case, the tree pruning and deck post installations to assure proper cutting of roots and limbs directly affected.

The tree has a dripline that reaches out over the existing deck. The only areas to be impacted by the deck work are areas next to existing support posts (3) and the foot traffic only area extending 4' out along the eastern edge of the deck. There will be no disturbance of roots below the rest of the deck.

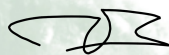
There are three new reinforcing posts to be installed and this directly next to the existing posts, which will remain. The new posts will not significantly encroach or damage the root system as the roots leading under the deck are in the 1-3" diameter range and crisscross, leaving wide spaces.

There are extensive surface roots from the tree. To protect this tree, mulch must be spread over the entire root system on the west side of the tree. If possible, extend this to the uphill side of the exposed roots. The mulch should be 5 inches but no more than 6 inches deep. As this is a sloping area, daily inspection and resupply/repositioning of mulch must be done to assure root protection. In addition, a lane of plywood sheeting be laid in place along the edge of the existing deck over the mulch at least 4' wide for added protection. A 4' tall tree protection fence is to be placed on the east side of this plywood walkway. No materials are to be stored outside of the plywood walkway.

I was shown the extent of trimming needed on the Cedar to make room for the proposed new deck cover. This trimming will be limited to 5-6 branches on the large sweeping limb growing off the main trunk of the tree. This will be well within the limits and pruning guidelines of the International Society of Arboriculture.

Respectfully Submitted

Neal Baker
ArboristsNW.com
ISA Cert. PN1075A
TRAQ ISA (Tree Risk Assessment Qualified)
Member AREA & SOCA



11/29/21



minimum area to be mulched

A photograph of a wooden deck in a garden setting. In the foreground, a black patio heater with a silver burner is on the deck. The deck is made of light-colored wood and has a curved railing. To the left, there is a large tree with green leaves and some yellowish flowers. A red line points from the text 'Crown to be raised 3-4' on this leader only' to a specific branch of the tree. Another red line points from the text 'Re-inforcing posts locations' to the railing posts. The background is filled with lush greenery and trees.

Crown to be raised 3-4' on this leader only

Re-inforcing posts locations



sample post ocation example of
surface roots and webbing



9120 SE 50th St, Mercer Island, WA 98040
12 min drive - work

Subject Western Red Cedar off the middle of the back deck

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