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## Monarch Consulting Arborists

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The assignment was to inspect the exposed roots adjacent to the existing structure where the propose new residence will encroach. I visited the site on February 1, 2023.

The area is adjacent toe coast redwood (*Sequoia sempervirens*) #813 which originates not the neighboring property. The area of excavation is directly adjacent to the existing residence in a planting bed (Images 1 and 2). The soil has been carefully removed to expose the roots in this area. There is a significant mat of smaller roots occupying the space. The root proliferation in this area is likely from the roof drainage over time creating a moist environment for root growth.



**IMAGE 1: AREA OF EXCAVATION**



**IMAGE 2: EXPOSED ROOTS**



The roots in the area of the proposed new residence are not of a significant size or quantity to cause unreasonable harm to the adjacent tree, and can be removed by cutting them clean.

I recommend removing them and they should be pruned by hand with loppers, handsaw, reciprocating saw, or chain saw rather than left crushed or torn. Roots should be cut beyond sinker roots or outside root branch junctions and be supervised by the project arborist. When completed, exposed root wounds should be backfilled.

Richard J. Gessner



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