

**FRONT YARD SET BACK TREE REMOVAL
REQUEST**

July 2024

Date: 6/26/2024.

Requested by: Viktoria Pankiv, Pankiv.viktoria@gmail.com

Address: 1540 29 Street NW #110, Calgary, Alberta, T2N 4M1

Location of Tree: 101 Santa Cruz Boulevard, Santa Barbara, CA 93109

Tree Species: *Araucaria columnaris,* *Common Name:* Cook Pine

Zoning/Setback: E-3 20'

Reason for Removal: Pine's substantial root system extending towards the patio. Proceeding with the foundation without disrupting the roots is not structurally feasible given the proximity of the roots to each other.

Proposed Replacement: Yes No

Advisory Committee Recommendation: Approve Removal: Deny Removal: N/A

Staff Recommendation: Approve Removal: Deny Removal: N/A

Date Posted: 7/10/2024.

Comments: The Committee recommends (3/0/1) that the Commission deny the removal without prejudice to allow time to determine if the pier and grade beam approach could still be explorable.

PHOTO INVENTORY



Tree Removal Application

APPLICANT/OWNER DETAILS

Pankiv Viktoria
 YOUR LAST NAME YOUR FIRST NAME

 OWNER'S FULL NAME (IF YOU ARE NOT THE OWNER)

#110 1540-29 Street NW
 YOUR MAILING ADDRESS

Calgary Alberta T2N 4M1
 CITY STATE ZIP CODE

5872299098 pankiv.viktoria@gmail.com
 DAYTIME PHONE EMAIL ADDRESS

TREE INFORMATION

TYPE OF TREE: **SETBACK TREE(S)** **STREET TREE(S)**

1 101 Santa Cruz Blvd, Santa Barbara, CA 93109
 NUMBER OF TREES LOCATION OF TREE(S) - please be sure to indicate the **property address** where the trees are located

cook pine
 SPECIES OF TREE(S), IF KNOWN

REASONS FOR REMOVAL (TELL US WHY YOU WANT TO REMOVE THE TREE[S]). PLEASE INCLUDE:

- Whether or not the removal application is associated with new development or redevelopment of property
- Status of development application, including whether the project is scheduled for review by the Single Family Design Board, Architectural Board of Review, or Historic Landmarks Commission
- Whether or not the tree is a designated Specimen or Historic Tree or located on a property with a designated Historic Landmark

If you feel you need more space to outline the goals of your request, please feel free to attach a supplemental letter when you submit this form.

Our application is associated with a residential home build at 101 Santa Cruz Blvd. Our home design incorporated a cook pine (specimen tree) on the south portion of the property.

Please see the attached report by Mr Duke McPherson, arborist consulting on our home build, with his impression.

Upon initiating creation of a foundation for a patio adjacent to the cook pine, we discovered the pine's substantial root system extending towards the patio. Proceeding with the foundation without disrupting the roots is not structurally feasible given the proximity of the roots to each other. Alternatively, as Mr. McPherson's report explains, pruning select roots to allow for sound construction of the patio would compromise the tree.

WILL YOU REPLACE THE TREE(S)? YES NO

IF YES, WHAT WILL YOU REPLACE THE TREE(S) WITH?

Duke McPherson, Arborist

201 East Mountain Drive

Santa Barbara, CA 93108

Phone 805 705-9529

E-mail: treemanduke@cox.net

June 10, 2024

Viktoria Pankiv

201 Santa Cruz Blvd.

Santa Barbara, CA

Arborist Report

Introduction

I was asked by Christopher Harris of Lambe Construction to visit the above site to help determine what effect construction would have on a 24" dbh (trunk diameter at breast height) Cook Pine, *Araucaria columnaris*. A previous residence building was demolished in May of this year to facilitate the construction of a new building. As a result, a trench was manually excavated east to west at approximately 3' from the tree's trunk base for the installation of a patio foundation (refer to the photograph on page 2).

Site Plan

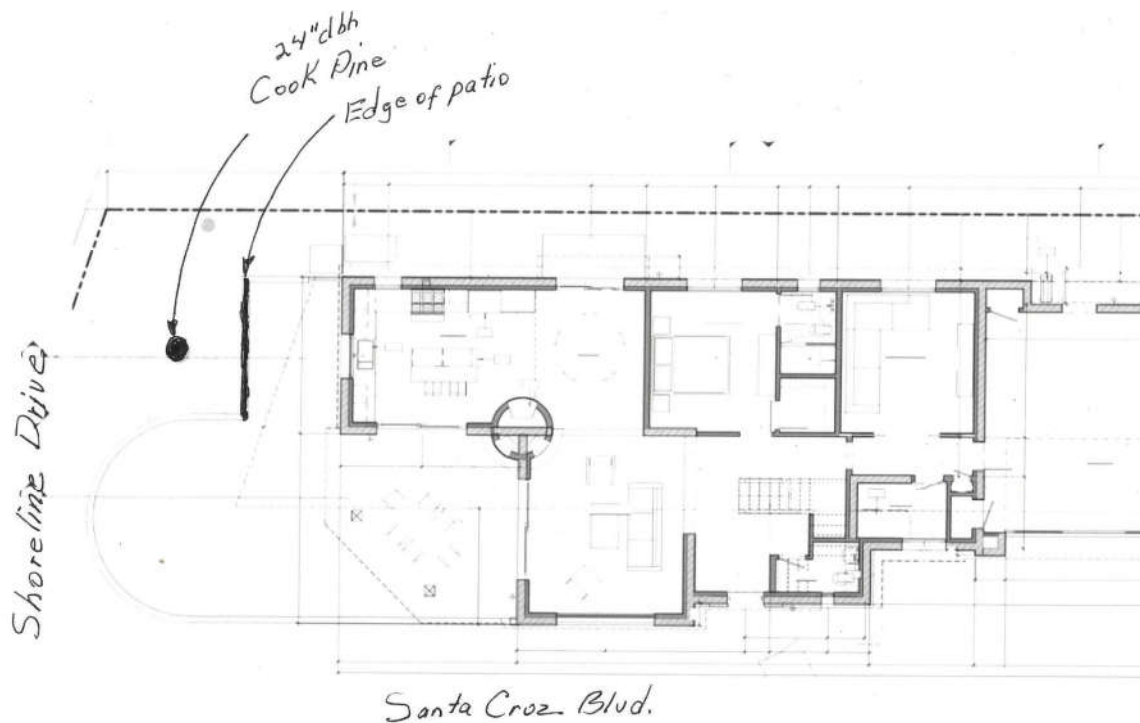


Figure 1. A partial scan of the site plan shows the location of the Cook Pine in relation to edge of the patio.

Photograph of Tree and Patio Foundation Trench



Figure 2. Photo shows the carefully excavated trench showing the tree's large roots extending toward the proposed building. The trunk edge is 3' from the center of the trench.

Tree Protection Procedure

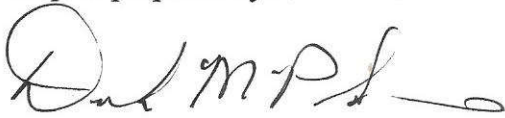
As can be seen in the photograph above, there are a multitude of major roots which were exposed through manual digging. Initially, our procedure was to carefully expose roots and install a foundation which would preserve them intact and without harming them: this is termed a grade beam on pylons where the pylon supports would be positioned between roots.

Conclusions and Recommendations

It was concluded that the protection of the tree's major roots could not be treated with the grade beam on pylon method of foundation support due to their close proximity to each other. As a result, the only option available for foundation installation would be a massive root severing with probable negative consequences for health and support.

I recommend, under the circumstances outlined above, that the tree be removed.

Report prepared by:

A handwritten signature in black ink, appearing to read "Duke McPherson". The signature is fluid and cursive, with a large initial "D" and a long horizontal stroke at the end.

Duke McPherson

Certified Arborist with the

International Society of

Arboriculture

Certification Number

WE-0690A



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SOIL TESTING • FOUNDATIONS • INSPECTION
1884 EASTMAN AVENUE, SUITE 105, VENTURA, CALIFORNIA 93003



Viktoria Pankiv Professional Corp. Job: 22046
101 Santa Cruz Boulevard Date: June 11, 2024
Santa Barbara, CA 93109

Ladies/Gentlemen:

We are pleased to present this addendum to our soils report dated August 15, 2022.

The project is located at 101 Santa Cruz Boulevard, Santa Barbara, California.

It has been brought to our attention that a large pine tree is being discussed. In our opinion, the tree would be better if it were removed so as not to endanger foundations.

It has been our pleasure to serve you and if you have any questions or need additional service, please contact us.

Fred Heathcote
Civil Engineer
No. C48316

