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ARBORICULTURAL CERTIFICATION

19/07/21

To the General Manager
Northern Beaches Council

**Re: 15 Burrendong Place Avalon Beach, NSW 2107
For Mr. and Mrs. Musacchio**

1. Sydney Apple Gum, *Angophora costata*

I, Geoff Burton, Director of Coastal Care Horticultural Services Pty Ltd at 27 Park Ave Avalon, being a Qualified Horticulturist and Garden Designer and AQF level 5 Arborist (Hawkesbury Agricultural College and Ryde TAFE NSW), have been engaged by the owners, Mr. and Mrs. Musacchio, as the site Arborist and Horticulturist before and during construction works.

This is in relation to the proposed alterations and additions to the house and construction of a new swimming pool. My involvement is specifically in relation to one mature Sydney Apple Gum, *Angophora costata*, growing near the west boundary in the rear yard. It is growing approximately 1m from the nearest proposed footing for the pool deck. (This is noted as Tree 15 in the Ents Arboricultural Impact Assessment.) I will not be assessing any other Tree on the property for this report.

I visited the site on Thursday the 24th of June with Andrea Musacchio, and I did a visual inspection of the Tree, (VTA) from the ground only and used my iPhone 12 for photos. The Tree is 17 m high with a Diameter at breast height of 500mm and crown spread of 11 m. It is in excellent health and condition with >5% dead wood. I would concur with the Ents Arboricultural Impact Assessment and give it **a high rating of significance in the landscape.**

I have read the Arboricultural Impact Assessment and Tree Protection Plan by The Ents Tree Consultancy, dated April 30th, 2020. This report was written in relation to the previous Development Application but is relevant to the new proposal. Other Trees and plants on the property have been removed or are of either weed or exempt species, according to the certifying authority, **Northern Beaches Council**.

I have also seen The Site Survey by Burton and Field, sheet 1 of 1, dated 11/12/19 and the Architectural drawings, Alterations and Additions by Roth Architects 1-16, dated 17/5/21. I have also seen the Draft Landscape Plan by Grant Clement, Landscape Architect & Pool Designer, Drawing No. L200 A of 4, dated 7/7/21.

I recommend the implementation of all recommendations and Tree protection of The Arboricultural Impact Assessment and Landscape Plan. I recommend that all builders and tradespeople read this report and its recommendations as part of their induction onto this work site.

I also add and recommend that All footings within 3m of the Angophora Tree will be dug by hand. If roots are found larger than 30mm in diameter the builder will have to reposition the pier holes. If there a question on this the site Arborist must be called to inspect. If there are minimal roots to be cut, then **I would expect there to be no adverse impact to the health and condition of the Tree.**

Further, I am appropriately qualified and experienced to provide the Certification for this component of the project.

Yours faithfully

Geoff Burton,
AQF Level 5 Consulting Arborist
Associate Diploma in Horticulture, Hawkesbury
M.A.I.H.; M.I.S.A.

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