



MEMORANDUM

To: Rob Cain, Urban Forest Manager, City of Davis

cc: Dave Taormino, Taormino and Associates (Client)
Sherri Metzker, City of Davis
Ike Njoku, City of Davis

From: Mike Engle, Cunningham Engineering Corporation (CEC)

Date: 16 July 2020

Subject: Bretton Woods – Tree Mitigation and Replacement Trees On-Site

The purpose of this memo is to outline our assumptions regarding the estimated mitigation requirements and proposed tree replacements, for the West Davis Active Adult Community/ Bretton Woods project.

Required Mitigation Assumptions:

It is our understanding that most all of the existing trees have been removed from the project site and will require mitigation per the City of Davis Zoning Code, Section 37. Based on the Tree Evaluation Data from the Arborist reports prepared by Tree Associates, including the information provided in the original report dated June 12, 2017 (trees #430 - #527) and two supplemental reports dated August 7, 2017 (trees #533 - #564) and September 30, 2019 (trees #601 - #658), **we estimate that the City will require 1,915 inches to be mitigated.**

This estimate assumes requirement for diameter at breast height (DBH) inch for inch replacement for trees that were removed and were found to be in a living condition at the time of survey, regardless of arborist recommendations.

Proposed Tree Replacement Assumptions:

We estimate a total of 1,950 new trees (15 gallon container size – 1” mitigation credit) will be planted on site. This estimate includes 350 new oak trees and 1,600 additional street, accent, and fruit trees. (see attached Preliminary Landscape Proposed Tree Counts) Our proposed tree counts are based on the Draft #3 Preliminary Site Plan and Conceptual Landscape plans, prepared by CEC, dated 10/07/2019, and our assumptions about the anticipated tree plantings throughout the project site. Should the actual number of proposed tree counts decrease during preparation of landscape improvement plans below the required mitigation inches the tree container sizes will be increased to 24” box to make up any offset that maybe required.

Thank you for your consideration in this matter. Please let us know if you have any questions or need additional information. We look forward to discussing with you further.

