

# Exhibit H

*Acme Engineering, Inc.*

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December 18, 2020

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Planner III  
Napa County Planning, Building & Environmental Services  
1195 Third Street, Suite 210  
Napa, CA. 94559

Due to recent modifications to topography within the proposed vineyard development area; under Erosion Control Plan Application (P19-00453) at Quantum Limit Vineyards (APN: 033-140-052), Napa County Planning, Building & Environmental Services requested a synopsis/description of any plan component affected by the recent fill placement within the proposed ECPA area, including any necessary revised modeling and/or topographic information. This cover letter provides a synopsis of the affected plan components.

Recently, fill was placed within the proposed vineyard development area X, more specifically in the central northern portion of Block X1. The recent placement of fill resulted in a reduction in the slope gradient at this location.

A new topographic survey was prepared by Cameron Pridemore, PLS, to document the change in topography caused by the recent fill placement. Based on the new topographic survey, the recent fill placement resulted in a reduction in the slope gradient at the central northern portion of Block X1. This in turn resulted in a reduction in the slope gradient of two transects previously used in the "Universal Soil Loss Equation" (USLE) for soil loss calculations. At Block X1, transect 1 was reduced from 22% to 13% and transect 2 was reduced from 23% to 22%. The remaining transects previously used for soil loss calculations at Block X1, were unaffected by the recent fill placement. Additionally, the recent fill placement resulted in minor modifications to the slope gradient for sheet flow and shallow concentrated flow at watersheds A, B and C. A volume comparison was performed; by Acme Engineering Inc, with AutoCAD Civil 3D to determine that the resulting topographical modifications consist of approximately 4,765 cubic yards of fill, and 1,5019 cubic yards of cut. This yields a net volume of approximately 3,255 cubic yards of fill.

Updated soil loss calculations show no net increase in soil loss for post-development conditions compared to pre-development conditions (both, prior to and after the recent fill placement). Updated hydrologic models; using TR55, also show that these modifications are negligible from a hydrologic standpoint, as they result in no net increase in peak runoff for post development conditions compared to pre-development conditions (both, prior to and after the recent fill placement).

The only modification required; due to the recent fill placement, consisted of relocating some of the straw rolls in Block X1 so that they are on contour with respect to the new topographic survey. This is shown in the Block X1 Erosion Control Site Plan.

The following documents account for the recent fill placement, and are included with this cover letter:

1. Soil Loss Calculations
2. Block X1 Erosion Control Site Plan
3. Watershed A-C TR55 Reports
4. Watersheds A-C TR55 Site Plan & Curve Numbers

If there are additional items that I have not covered above but that you feel are important to the project, please contact me so that we may discuss them. I may be reached at 707-253-2263.

*Acme Engineering, Inc.*

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Sincerely,

Omar Reveles, P.E.  
R.C.E. 74723  
Acme Engineering Inc.