



January 6, 2022

Community Development Department
255 N Forbes St
Lakeport, California 95453

**RE: Proposed Konocti Christian Academy Development
5805 Live Oak Drive**

Dear Community Development Department,

I have reviewed the site plan of the subject property that was prepared by Glenn Bridges 12/23/21 and I have been to the site with Jonathon Bridges. The proposed site has a total area of 2.2 acres, and more than 0.6 acres will be impervious surface.

To be in compliance with the *Phase II Small MS4 General Permit*, the development is required to store a 2yr rainfall event on-site. Our calculations show that it will be approximately 2,800 cf of storage.

The site has plenty of area for one or two bio-retention swales to accommodate this requirement. Per our recommendation, it may be a better option to use rain barrels to collect stormwater to be used for irrigation or a combination of rain barrels and bio-swales. Nevertheless, there is plenty of available space to make the proposed development in compliance with state and county regulations.

Please feel free to call me if you have any questions.

Sincerely,

Wm. Vanderwall, R.C.E.
President/owner

CC: Jonathan Bridges



Civil Engineering

Wm. VanDerWall, R.C.E. 62560

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