



August 23, 2024

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Reference: Engineering Services  
102 Gray Stone Lane  
Holly Springs, NC 27540  
TE&D Project No.: 2401-020694

To Whom It May Concern;

As requested, a representative of Tyndall Engineering & Design, PA (TE&D) is providing analyses for the following item(s):

- 1) Assessment of proposed framing/foundation for covering existing patio.

The following conclusions and recommendations were noted:

- 1) Based on our observations, analysis, and proposed plan provided by the client, we recommend modifying the proposed framing/foundation per pages 2-6 of this report.

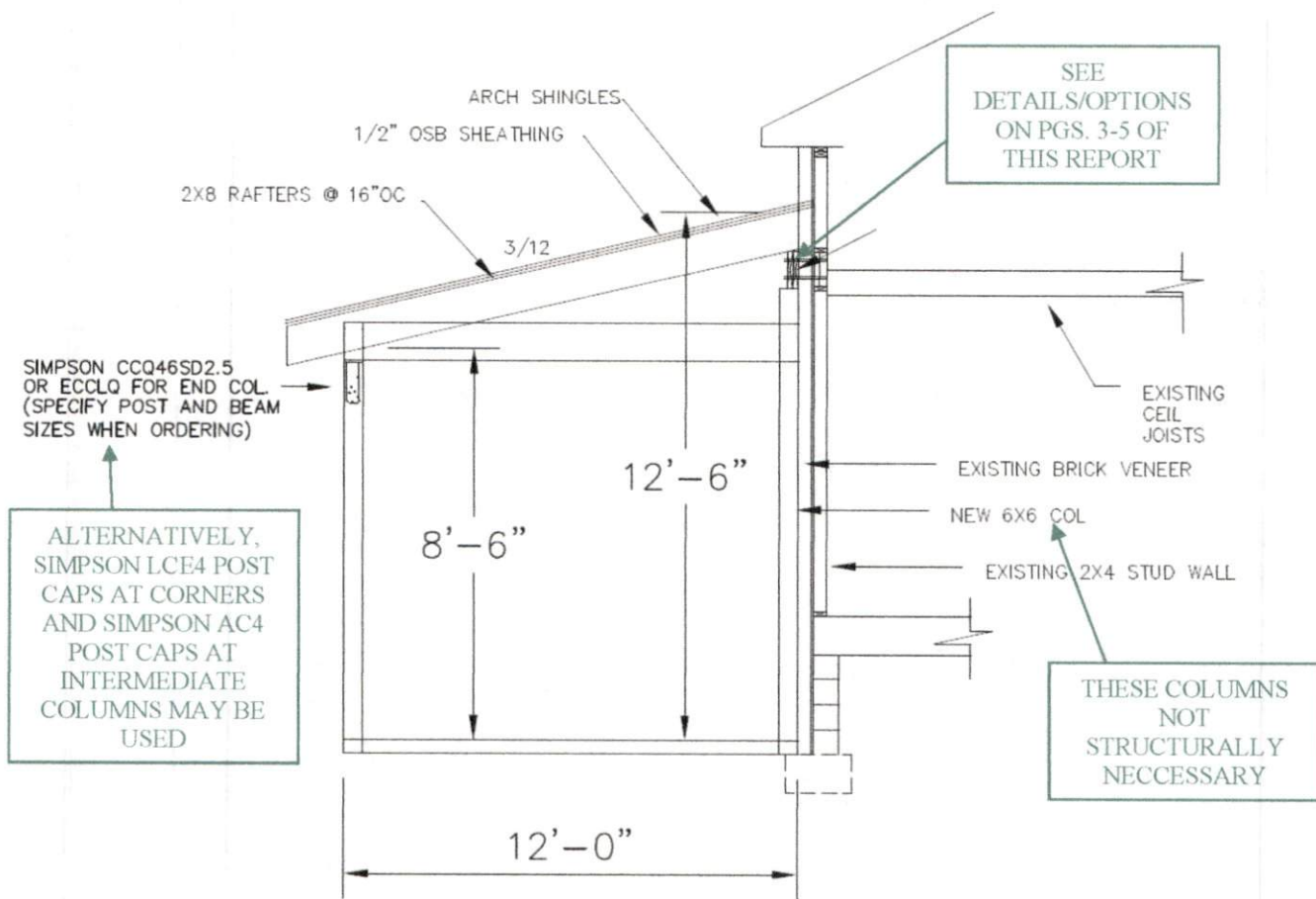
Upon completion, the new covered patio framing/foundation will provide the required support for the anticipated loading conditions. We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,  
Tyndall Engineering & Design

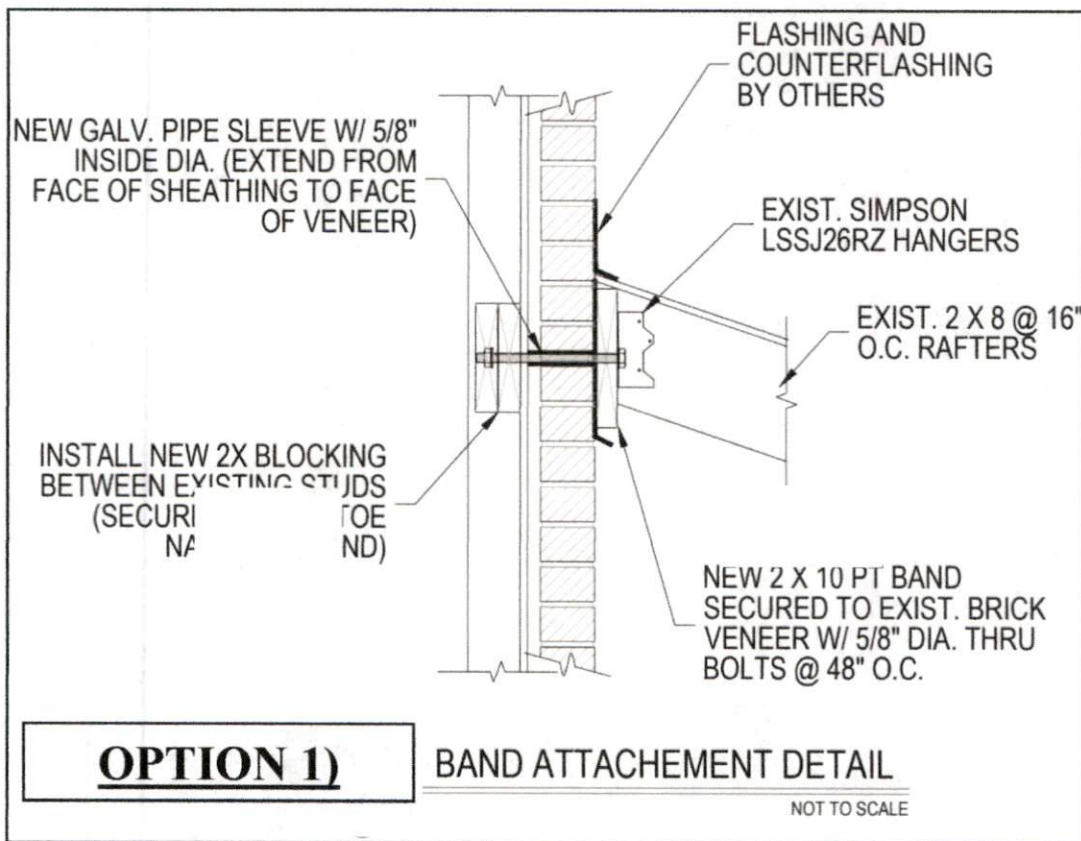
Tripp Amos  
PT III | 2401-020694

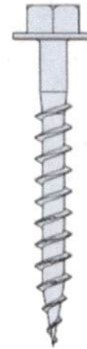
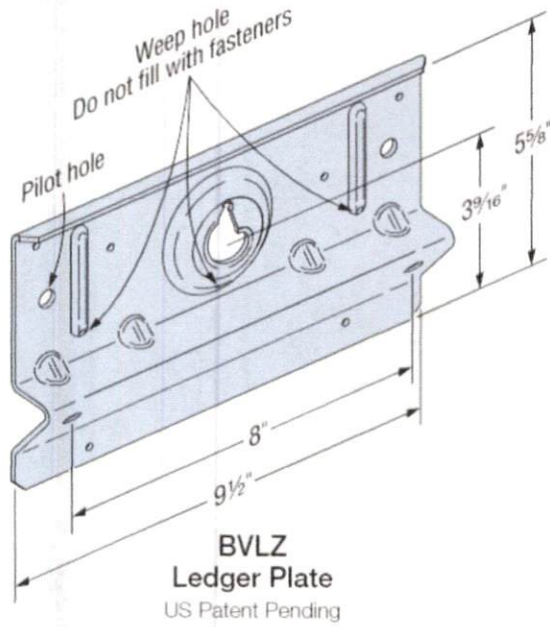
Prentice Tyndall Jr., P.E.



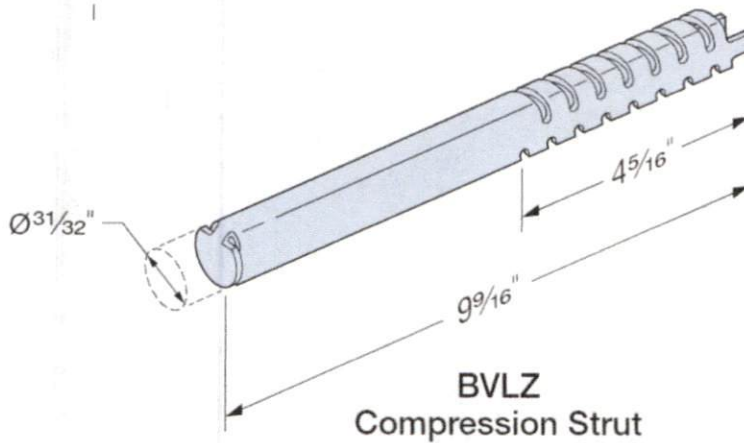


**PROPOSED PLAN FOR NEW COVERED PATIO**  
**W/ TE&D RECOMMENDATIONS IN GREEN**  
**[PLAN COURTESY OF CLIENT, NOT TO SCALE]**

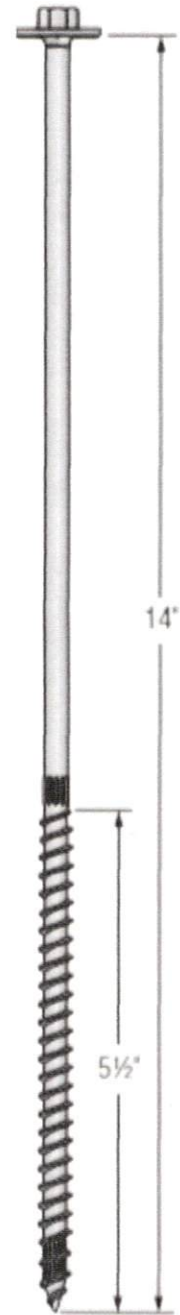




**Strong-Drive®  
SD Connector  
Screw**  
(included)

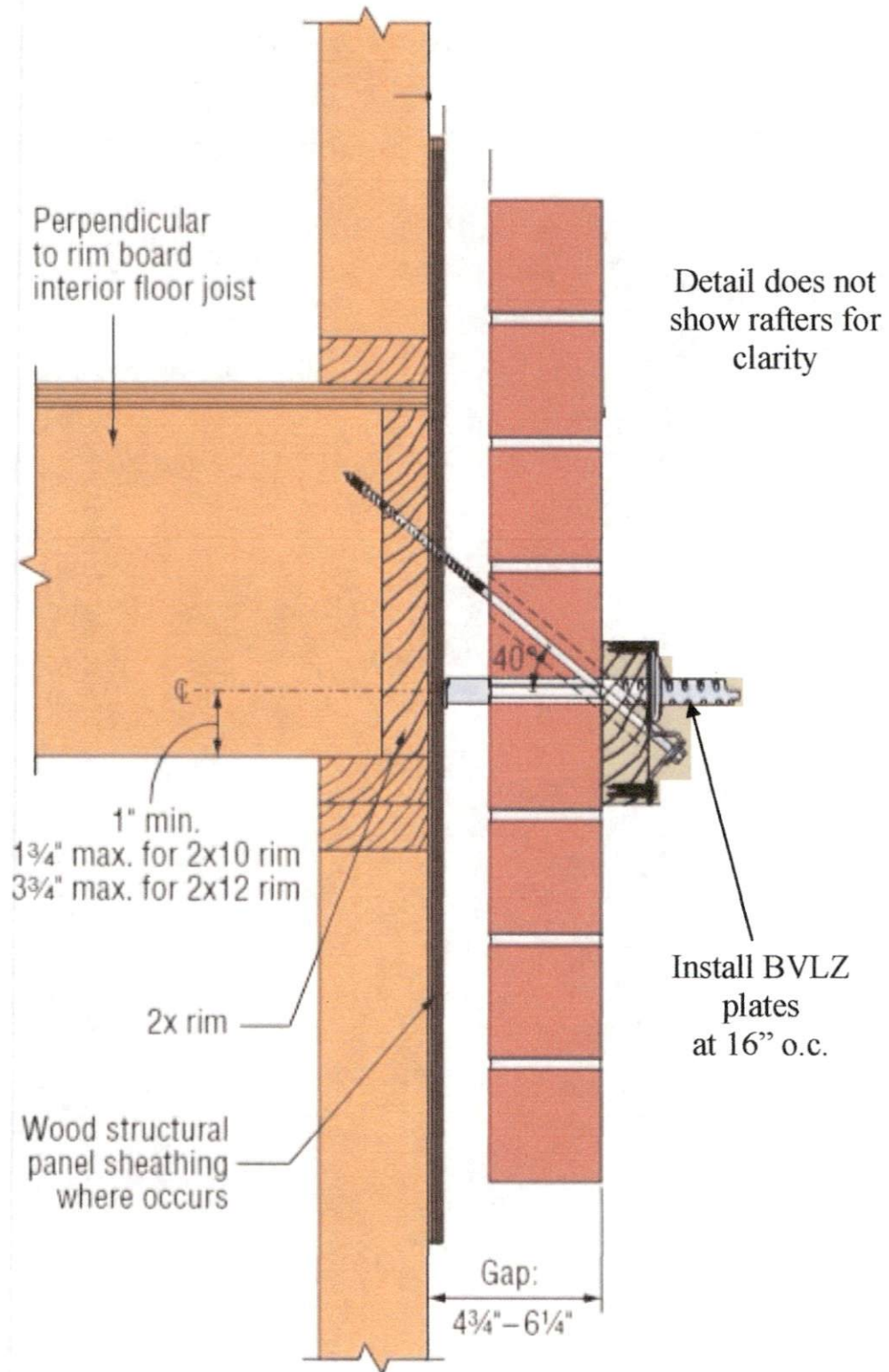


**BVLZ  
Compression Strut**

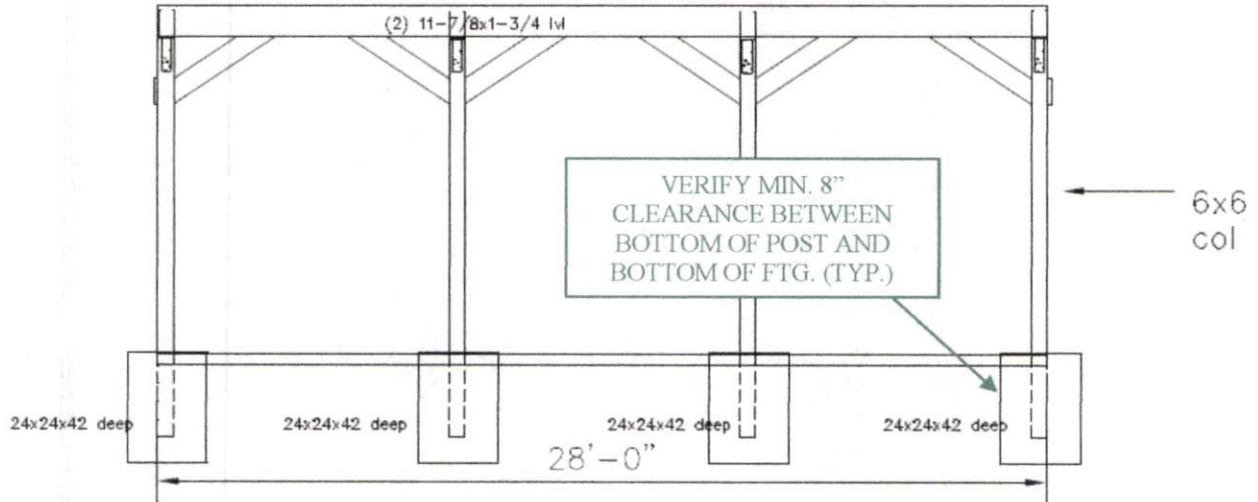


**Strong-Drive®  
SDWH  
Timber-Hex  
HDG Screw**  
(included)

**OPTION 2**  
**SEE PAGE 5 FOR**  
**INSTALLATION**



**Typical BVLZ Installation**



**PROPOSED PLAN FOR NEW COVERED PATIO**  
**(REAR ELEVATION AT ENDBEAM)**  
**W/ TE&D RECOMMENDATIONS IN GREEN**  
**(PLAN COURTESY OF CLIENT, NOT TO SCALE)**

