

December 2, 2015

Jeff Stec Ram Jack, LLC 4122 Bennett Memorial Rd, Suite 304 Durham, NC 27705 Tel: (919) 309-9727 / Fax: (919) 313-0102 jeff@ramjackusa.com

> Re: Engineering Recommendation Mike Wagner, 328 N Topsail Dr, Surf City, NC Project Number: 1501-1120R

To Whom It May Concern:

James Sutton, P.E. (JSPE) visited the above referenced site on 11/25/15.

The structure is a one story wood framed residence supported on a wood pile foundation. For the purpose of this document all directions listed are from the perspective of an observer facing the structure from N Topsail Dr.

Based on the data provided the structure is exhibiting signs of movement typically seen with inadequate lateral support. The structure is showing signs of racking of the wooden pile foundation. The wood piles supporting the structure we noted to have a noticeable lean toward the rear. Several piles were also noted to be rotten at grade.

It is recommended to stabilize the foundation in the form of helical tiebacks. Please see attached pages for layout and additional details.

JSPE's scope of services was limited to a visual evaluation of the data provided by Ram Jack, LLC. The scope of services did not include subsurface exploration or exposing any concealed elements of the structure. Please contact JSPE immediately if conditions are different than those indicated or encountered during future observation or implementation of the recommended repairs. JSPE makes no warranty regarding the future performance of the structure.

Please contact us if you have any further questions.

Sincerely,

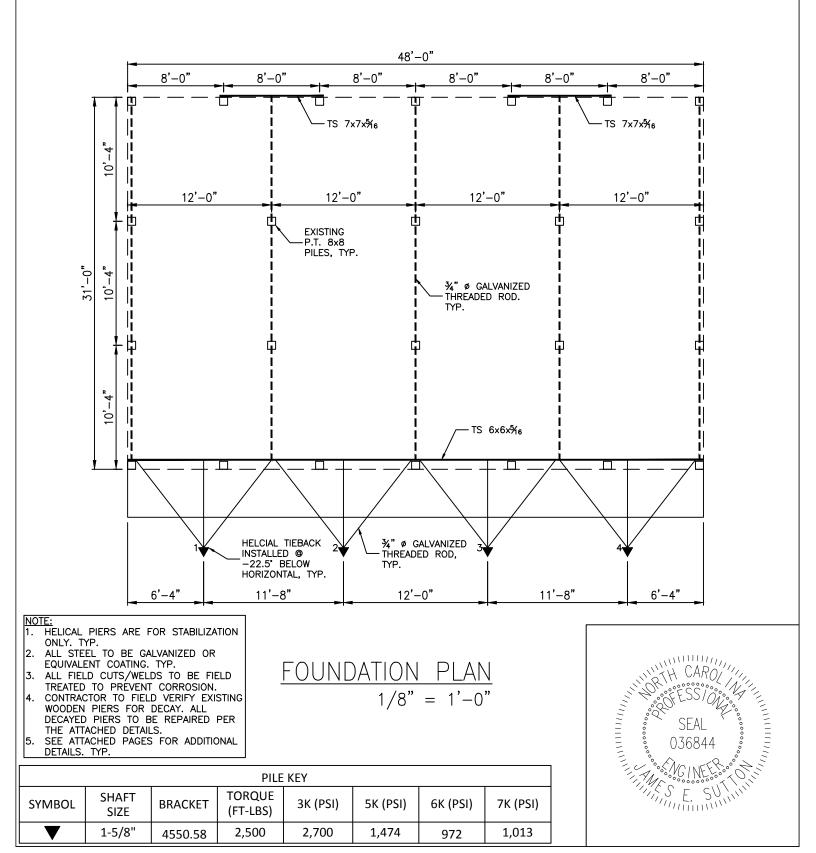
1. 716

James Sutton, P.E.

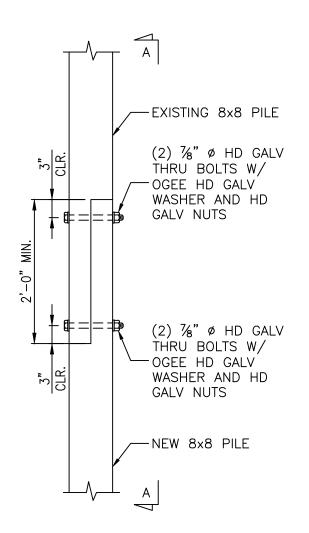


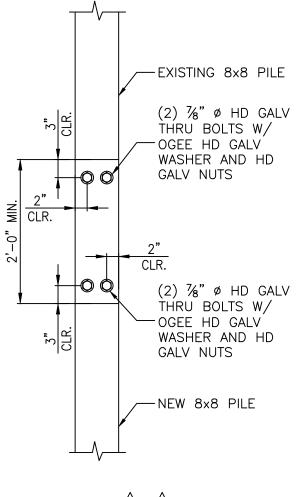
James E. Sutton, P.E.

JAMES SUTTON, P.E. STRUCTURAL ENGINEERING 11703 DURANT RD RALEIGH, NC 27614 P (919) 324-3681 JSUTTONPE@GMAIL.COM	Client: Ram Jack, LLC 4122 Bennett Memorial Rd, Suite 304 Durham, NC 27705 (o) 919-309-9727 (f) 919-313-0102	Project: Mike Wagner 328 N Topsail Dr Surf City, NC 28445	Job No: <u>1501–1120R</u> Date: <u>12/02/2015</u> Sheet: <u>S1</u>
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$$\frac{\bigtriangleup - \bigtriangleup}{3/4'' = 1' - 0''}$$



