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ADDRESS . . : 404 HARNETT CENTRAL RD SUBDIV: FRED P SENTER  
CONTRACTOR : PHONE :  
OWNER . . . : ELLIS BEVERLY M PHONE :  
PARCEL . . . : 08-0652- - -0160- -05-  
APPL NUMBER: 14-50032755 CP ADD & ALTER RESIDENTIAL  
DIRECTIONS : T/S: 01/14/2014 08:08 AM JBROCK ----  
404 HARNETT CNETRAL RD  
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**STRUCTURE: 000 000 14X26 CARPORT ADDITION**

FLOOD ZONE . . . . : FLOOD ZONE X  
SEPTIC - EXISTING? . . . . : EXT TANK WATER SUPPLY . . . . . : COUNTY  
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**PERMIT: CPBP 00 CP BUILDING PERMIT**

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	1/27/14	BS	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 002488187
	1/27/14	AP	T/S: January 27, 2014 10:52 AM BSUTTON -----
B103 01	2/20/14	BS	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 002494649
	2/20/14	AP	T/S: February 20, 2014 08:34 AM BSUTTON -----
R125 01	3/06/14	BS	ONE TRADE ROUGH IN TIME: 17:00 VRU #: 002499580
	3/06/14	DA	T/S: March 06, 2014 09:44 AM BSUTTON ----- Need engineering on beam carrying roof load at car entry. everything else is ok to cover
R125 02	<u>3-11-14</u>	TI <u>AOB</u>	ONE TRADE ROUGH IN TIME: 17:00 VRU #: 002501013
			T/S: 03/10/2014 08:02 AM DJOHNSON -----

----- COMMENTS AND NOTES -----  
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**GREG BAGLEY**  
**Engineering ♦ Planning ♦ Land Development**

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805 Cokesbury Fuquay-Varina, NC 27526

(919) 552-1600 Fax (919) 552-6325

03-06-14

Mr. LT Elliot  
Christian Light Road  
Fuquay Varina, NC

Ref: Carport Addition  
Kipling Road  
Kipling, NC

Dear Mr. Elliot:

Per inspection of the above facility, the following improvements need to be made to the carport support beams in order to provide adequate support for the porch. Calculations show that the linear foot load is 370 lbs/ft. along the beam as constructed. In order to support that load the two beams as constructed need to have a LVL beam added to the beam for safety. The LVL beam can support 224 lbs/lf and the two dimensional lumber beams can support 208 lbs/lf. The combined support of the additional LVL exceeds the load of the roof. The LVL should be fastened every 8" with 3.5' framing nails doubled and staggered for best fastening condition. In addition, add 2"X4" blocking under the rafters for support.

Once the beam is added the porch will be adequate to meet code and may be approved by the inspector.

If you have questions regarding the repairs, please do not hesitate to contact this office.

Sincerely,



C. Gregory Bagley, PE  
Greg Bagley Engineering

