GILES ENGINEERS

April 5, 2010

Mr. Gary Cunha

975 WAI NUT STREET SUITE 354 CARY, NC 27511 PHONE 919 465-3801 FAX 919 455-3802

Re: Non-permitted carport, deck, sun room and front entrance 233 Wexford Drive, Fuquay-Varina, NC 27526 (Harnett County)

Dear Mr. Cunha:

We have inspected the referenced additions for the subject property. Below are our structural findings for each addition.

- Carport: This approximately 24' X 20' carport is supported by encased 4-inch columns on concrete footings and the existing 4-inch concrete pad. The framing which includes roof beams and truss system is structurally adequate for the imposed loads. The concrete footings and pad supporting the columns are structurally adequate for the imposed loads.
- The free-standing rear deck and sunroom are supported by 4x4 wood posts and masonry piers on concrete footings which are structurally adequate for the imposed loads. Additionally, steel jack posts have been added in some areas. The deck and sunroom framing which includes double 2x10 wood girders, 2x8 floor joists and roof rafters (sun room only) are structurally adequate for the imposed loads.
- The supporting structure for the new roof overhang over the front porch consists of encased 4-inch columns on the concrete slab that support the front roof beam. The roof consists of rafters tied to the existing roof structure. The new porch roof framing and support structure are structurally adequate for the imposed loads.

We must that this letter provides the information you require. Please contact us (919) 465-3801 if you have any questions.

Thank you for the opportunity to be of assistance to you.

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Criterium-Giles Engineers, Inc.

LICENSED PROFESSIONAL ENGINEERS

BUILDING DIAGNOSTICS INSPECTIONS ENVIRONMENTAL SERVICES CONSTRUCTION MONITORING DESIGN

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County of Harnett Building Inspections Department Planning Services Certificate of Compliance: Occupancy: x	
Address: 233 Wexford Drive	Electrical: <u>10-50024069</u> Insulation: <u>10-50024069</u>
Fuquay Varina NC 27526	Plumbing: <u>NANANANANANA</u> Mechanical: <u>NANANANANANA</u>
	MFG Home: <u>NANANANANAN</u> al: BSutton

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PREPARED 10/05/10, 14:08:29 INSPECTION TICKET 9 PAGE Harnett County INSPECTOR: IVR DATE 10/06/10 ADDRESS a: 233 WEXFORD DR SUBDIV: WEXFORD SUBDIVISION CONTRACTOR : PHONE : OWNER . . : HAFFNER ROLAND H & MARY J PHONE : (910) 893-5063 PARCEL . . : 04-0665- - -0025- -13-APPL NUMBER: 10-50024069 CP ADD & ALTER RESIDENTIAL DIRECTIONS : T/S: 03/26/2010 02:55 PM VBROWN ----233 WEXFORD DRIVE FUQUAY VARINA 27526, WEXFORD SUB DIV #13. 401N TO RAWLS CHURCH RD, RIGHT ON RAWLS CH RD GO APPROX 2.5MI TO PURFOY RD, LEFT ON PURFOY, GO APPROX .5MI TO WEXFORD DR, RIGHT ON WEXFORD, HOUSE IS AT END OF STREET. T/S: 03/26/2010 03:00 PM VBROWN ----FRONT PORCH, CARPORT, AND SUN ROOM BUILT WITHOUT PERMITS. ENG LETTER ______ STRUCTURE: 000 000 10X16FRONTPORCH, 20X24CARPORT, 10X20SUNRM FLOOD ZONE . . . : FLOOD ZONE X # BEDROOMS : .00 SEPTIC - EXISTING? . . . : EXISTING WATER SUPPLY COUNTY PERMIT: CPBP 00 CP BUILDING PERMIT REQUESTED INSP DESCRIPTION COMPLETED RESULT RESULTS/COMMENTS TYP/SQ H824 01 9/21/10 JM ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001990175 9/21/10 AP T/S: 10/05/2010 11:51 AM SSTEWART -----T/S: 10/05/2010 11:52 AM SSTEWART -----10/06/10 R229 01 TAPB TWO TRADE FINAL VRU #: 001990167 10-6-10 PERMIT WILL BE IN FRONT DOOR. ALL ADDITIONS ARE EXT BUILT WITH NO PERMITS - EG LETTER WILL BE WITH PERMITS AND A COPY IS IN THE FILE. PLEASE WITH ANY QUESTIONS 919-621-9861 OR 919-585-7110 COMMENTS AND NOTES ------