

KEN BRIGHT ASSOCIATES PLLC
Consulting Engineers

February 15, 2012

Mr. Mike Rearic
Harnett County Building Inspector
P. O. Box 65
108 E. Front Street
Lillington, NC 27546

Re: **Deck Inspection**
Owner: James & Cheryl Schumacher
Address: 479 D.L. Phillips Ln.
Broadway, NC 27505

Dear Mr. Rearic:

As per the request of Mrs. Schumacher, on February 14, 2012 we performed a visual survey of the back deck and pool area at the home located on 479 D.L. Phillips Ln. In addition, the owner furnished us some pictures of the deck during construction.

The deck is a concrete slab poured on a metal deck supported by 6" steel I-beams spaced at 24". The steel I-Beams are supported at the ends by steel -beams and 8" concrete block piers and walls fully grouted.

The deck railing has 4" x 32" tempered glass balusters manufactured by DeKorators. According to the manufacturer they are tested to withstand 350 psi.

The pool support slab was installed according to the manufacturer's recommendations.

To the best of my knowledge and belief the deck will support a live load of 40 psf as per the 2009 NC Residential Building Code requirement for decks.

If you have any questions, please feel free to contact me.

Sincerely,



Ken W. Bright, PE



2/15/12

File:proj2012/Cheryl Schumacher, Engineer Letter 479 D.L. Phillips Ln.doc

P.O Box 553
2305 Carthage Street
Sanford, NC 27330

Phone: (919) 776-3444
Fax: (919) 776-5335
e-mail: kwbright@windstream.net