

Nator Development, Inc
8402 Six Forks Rd
Suite 201
Raleigh, NC 27615

DATE: 5-26-2020
PROJECT: 483 Cypress Circle
LOCATION: SANFORD
RE: GARAGE FOOTING TIE-IN -REVISED PER OWNER REQUEST

To whom it may concern,

Per a request from RICHARD HOME INNOVATIONS, I was asked to observe and render a Professional Opinion on ADDING REINFORCED CONCRETE FOOTING(S) TO EXISTING FOOTINGS.

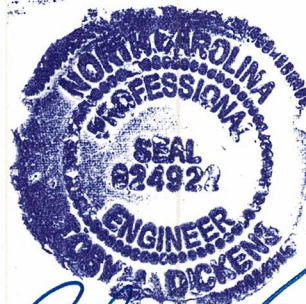
These new footings shall help carry the two story load at the Interior Rear Garage Wall. In general, the new footings are to be reinforced with No. 4 bar, epoxied into the existing footing with an 6"-8" embedment, as shown on the revised foundation detail on Plans G-648, dated 2-15-2020. The footing thickness shall match the existing footing thickness.

In addition, the new wall base plate is to bear fully on the below foundation wall. It is also advised for the said base plate to be secured to the foundation wall with 3/8" steel anchors at 2' o/c with 2' minimum embedment. Foundation wall projection is not necessary if the Base Plate has full bearing on the below foundation wall.

Thank you,

Toby Dickens, PE License No. 024922

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Toby Dickens
6/12/2020