

Begin forwarded message:

**From:** A Dunn <[adunn@mailmea.com](mailto:adunn@mailmea.com)>  
**Date:** April 23, 2025 at 9:21:54 AM EDT  
**To:** "Deen E. Taylor" <[detaylor@harnett.org](mailto:detaylor@harnett.org)>  
**Subject:** FW: Garage Foundation wall 3216 Titan Roberts Rd

Good morning Deen,  
This email is in reference to 3216 Titan Roberts Rd. You inspected my footers last week and asked for more information regarding the wall beside the garage area and the footers. Below is the explanation I received from the engineer. The first email is regarding the wall and the last email is recommendation for the footers. Please let me know if this works for you. Sketch attached.

Thank You,  
Ashley Dunn  
910-591-7420

**From:** Hannah Stephenson <[hstephenson@tyndallengineering.com](mailto:hstephenson@tyndallengineering.com)>  
**Sent:** Tuesday, April 22, 2025 10:38 AM  
**To:** A Dunn <[adunn@mailmea.com](mailto:adunn@mailmea.com)>  
**Cc:** Alex Moore <[amoore@tyndallengineering.com](mailto:amoore@tyndallengineering.com)>  
**Subject:** Re: Garage Foundation wall

Good morning Ashley,

You have 2 options for connecting the footings. Please see attached sketch for reference.

1. Dig down and fill out the concrete footing in the area noted in RED, and gradually step up as you move away from the house
2. Add a tall pilaster at the around about areas noted in BLUE. That footing will be on the same level as the house's, and the top will be blocked up to the raised slab of the garage.

Essentially you are making either a concrete column or tall pilaster to tie in the footings together.

I hope I have explained this clearly.  
Thanks,  
Hannah

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**From:** A Dunn  
**Sent:** Monday, April 21, 2025 10:03 AM  
**To:** Hannah Stephenson  
**Subject:** RE: Garage Foundation wall

Good morning Hannah,

Thank you for the information. The inspector also asked me to find out how we should tie in the footings between the house and the raised pad for garage/carport.

My footer guy has an idea but would like to get your recommendation regarding this. Attached is a picture of the area between house and garage pad with the rebar as you recommended every 24". We still have to fill in and pack between the house foundation and pad once the block is up.

Here are the comments left from the county.

4/17/2025 12:34:30 PM Footing for house only. Engineer must design retaining wall between house and raised pad for garage/carport and how those footings will tie into house footings.

Your assistance is greatly appreciated.

Thank You,

Ashley Dunn

910-591-7420

**From:** Hannah Stephenson <[hstephenson@tyndallengineering.com](mailto:hstephenson@tyndallengineering.com)>

**Sent:** Thursday, April 17, 2025 3:52 PM

**To:** [adunn@mailmea.com](mailto:adunn@mailmea.com)

**Subject:** Garage Foundation wall

Good afternoon Ashley,

This is Hannah from Tyndall Engineering & Design, and I am following up on our phonecall earlier.

The Garage foundation wall adjacent to the house crawlspace should be designed more like a basement wall rather than a retaining wall.

Reinforcing the wall with #4 Rebar @ 24" on center and grouting should be sufficient support for the extra height required for floodplain construction.

Thank you,  
Hannah



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Hannah J Stephenson

Structural Engineer

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