

Wayne R. Dashfield, PE

421-B South Bright Leaf Blvd. Smithfield, NC 27577

(919) 934-0961

April 15, 2024

Re: Mobile Home Setup
177 Jewell Lane
Coats, NC

To: Ms. Sinai Lopez

Dear Sir- Madam:

On April 10, 2024 I made an onsite visit to the residence at 177 Jewell Lane in Coats, NC. The purpose of the visit was to inspect the set up of a 24' wide by 48' double wide mobile home. The 2019 Edition of the State of North Carolina Regulations for Manufactured Homes Building Code was used for my recommendation.

The proposed mobile home is located on approximately a 3.5% slope length-wise. There are some areas where the beam support piers are greater than 36" in height. The total length of this area is greater than 25% of the total length of the mobile home (Section 3.7.7 of the Building Code). I will recommend that the owner contract the mobile home movers for addition tie downs.

As far as the interior framing, the owner has removed all the sheet rock and added the following addition framing studs along the walls, floor, ceiling and roof.

| ITEM | RECOMENDATION |
|--|---|
| 1.) 2x4 studs @ 16" along the exterior walls | OK |
| 2.) Replace existing floor joists added 2x6 floor joists | OK. |
| 3.) Added additional 2x6 rafters | Add hurricane ties at all ends of installed rafters |

If can be of any more assistance, please feel free to contact me.

Yours truly,

Wayne R. Dashfield, PE



