

Wayne R. Dashfield, PE

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

(919) 934-0961

July 15, 2024

Re: Existing 6" Footing for exterior 4" Curtain Wall
3176 Neills Creek Road
Lillington, NC

To: Harnett County Inspections

Dear Sir- Madam:

On July 15, 2024 I made an onsite visit to 3176 Neills Creek Road located in Lillington, NC. The purpose of the visit was to inspect the Masonry Curtain Wall and Footings for the Mobile Home.

During my inspection, I found areas of the curtain wall exceeded 40" in height. (The wall height along the rear side were at up to 4 foot in height). The 2019 State of North Carolina Regulations for Manufactured Homes states that for a 4" curtain wall exceeding 40" in height shall be either installed as a pier and curtain wall or should be designed by a North Carolina Professional Engineer or an Architect with a minimum footing depth of 6".

Basic on my inspections, I will certify that the existing footing depth has a minimum depth of 6" for the required 4" exterior walls with pier spacing of 4' (3.6.4.3) complies with the 2019 State of North Carolina Regulations for Manufactured Homes as shown in Figure 3.6.4

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

Yours truly,

Wayne R. Dashfield, PE



APPENDIX G DESIGN PROFESSIONAL INSPECTION FORM

RECORD OF THE INSPECTION OF A COMPONENT OR ELEMENT BY A NC LICENSED ARCHITECT OR ENGINEER

Project Information:

Residential Single-Family Project: <input checked="" type="checkbox"/> N	Commercial Project: Y <input type="checkbox"/> N
Code Enforcement Project No:	Permit No:
Project Name: <u>RENEE MASON</u>	Owner:
Project Address: <u>3176 NEILLS CK</u>	Suite No:
Date Inspected: <u>07/15/24</u>	Contractor Name:
Component Inspected: <u>FOOTING FOR CUR WALL</u>	

Responsible Licensed NC Architect or NC Engineer

Name:	<u>WAYNE R. DASHIELD PE</u>
Firm Name:	<u>WAYNE R. DASHIELD PE</u>
Phone Numbers:	Office: <u>919-934-0961</u> Mobile:
Email Address:	<u>WAYNE R. DASHIELD PE@GMAIL.COM</u>
Mailing Address:	<u>421-S BRIGHTLEAF BLDG. SMITHFIELD, NC</u>

APPLICABLE CODE:

2018 NCBC 2019 NC REG FOR MANUFACTURED HOME
 2018 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

Describe Element/Component/Type of Inspection: *

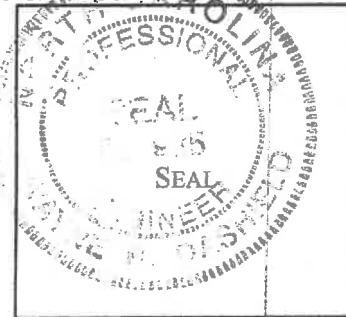
FOOTING FOR WALL

*(subgrade form/letter may also be required)

Attestation/Signature:

By signing below, I certify that the component and/or element of the building as identified on this form has been inspected by me or someone under my direct supervision per G.S. 160D-11-6 and is in compliance with the Code or other proposal of the architect or engineer for the project. This inspection is in compliance with all of the requirements of the above referenced code. Attach any additional documents if needed.

Wayne R. Dashield 07/15/24
 Licensed Architect or Engineer



Inspection Department disclaimer:

Upon the receipt of a signed written document as required under subsection (a) of G.S. 160D-11-1, Code Enforcement shall be discharged and released from any liabilities, duties and responsibilities imposed by this article or in common law from any claim arising out of or attributed to the component or element in the construction of the building for which the signed written document was submitted. Be aware that this inspection will be noted in all inspection records including the Certificate of Occupancy or Certificate of Compliance. This inspection does not address any local ordinances or zoning requirements.

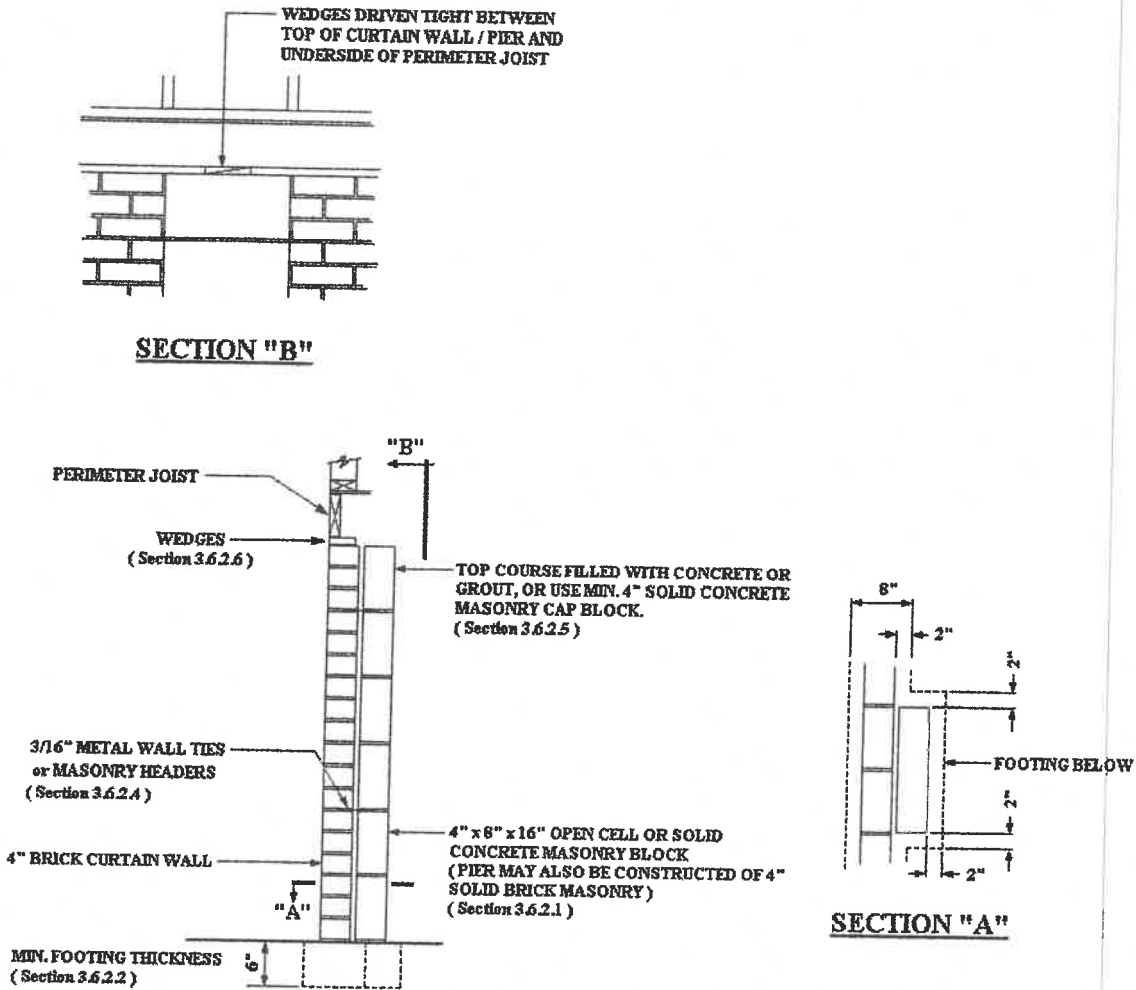


FIGURE 3.6.4
Prescriptive Pier and Curtain Wall Construction

3.7 PIERS AND PIER SPACING

3.7.1 Pier Design and Spacing -- General

3.7.1.1 Used Manufactured Homes

For USED manufactured homes the design and spacing of all main I-beam, marriage line, and perimeter support piers shall be in accordance with the requirements of **Section 3.7** of this Code, and main I-beam pier spacing shall be in accordance with **Table 3.7**, utilizing the predetermined soil bearing capacity of the site as specified in **Section 3.5.3**. Marriage line and perimeter support piers shall be located on both sides of openings of 48 inches or greater in width. Perimeter piers shall be located on both sides of side wall exterior doors (such as entry, patio, and sliding glass doors) and any other side wall openings of 48 inches or greater in width, and under load bearing porch posts, factory installed fireplaces and fireplace stoves. Footing sizes for marriage line and perimeter support piers shall be determined using the procedure given in **Section 3.7.10**.