

Raven Rock MH Movers  
3335 NC hwy 87 S  
Sanford NC 27332  
919-775-3600 Fax 919-775-7533

March 20, 2019

RE: Willette Davis  
775 Mckoy Town Rd  
Cameron NC 28326

Case# 2018-0032

attach is the engineer report on the over high setup

thank you,



EJ Womack  
President

# RJB, P.E., P.A.

C-0269

ROBERT J. BRACKEN  
ENGINEER + SURVEYOR

3768 Carbonton Road • Sanford, North Carolina 27330  
(919) 774-6074 • bjbracken@windstream.net

March 1, 2019 ( Revised: 3/14/19 )

Harnet County Building Inspections  
P.O. Box 65  
Lillington, NC 27546

REF: Single wide manufactured  
home set-up  
Willett Davis, Owner  
470 Brooks Magnum Rd  
Cameron, NC 28326

Dear Sir/Madam,

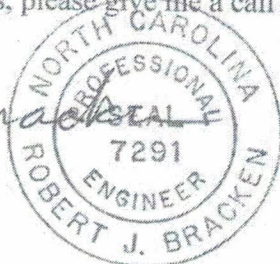
I made an onsite visit to the above referenced single wide mobile home set-up on February 28, 2019. The high end was approximately 81" above finish grade. There were 9 anchors and straps, 4 were crossed straps because of the height. The piers were placed on solid concrete blocks and all piers over 48" were double stacked.. There were two longitudinal straps per end, Tie downs and piers are adequate. The home is anchored and supported adequately to resist the live, dead and wind loads for this area; and meets or exceeds the requirements set forth in the State of N.C. Regulations for Manufactured/Mobile Homes, 2004 Edition.

If you have any questions, please give me a call at 919-774-6074.



Robert J. Bracken, PE

RJB:jeb



Inspector 1: Mike Litaker  
 Inspector 2:

**State Fire Marshall's Office  
 Manufactured Building Division**

Case #: 2018-0032

Code Consultant 1: Shane Phelps  
 Code Consultant 2:

**Consumer:**  
 Willette Davis  
 775 McKoy Town Rd  
 Cameron NC 28326  
 Physical Location: 470 Brooks Mangum Rd  
 Cameron NC

County: Moore  
 Work Ph:  
 Home Ph: (919) 478-0460  
 Cell Ph:

**Mfr:**

New?: N      Mfr Date:  
 Moved?: N      Date Purchased:  
 SubPart1?: N      Modular?: N      Date Delivered:  
 Lawsuit?: N      Deposit?: N      Case Date: 08/07/2018  
 Insp. Date: 08/17/2018  
 Re-Insp. Date:  
 Hearing Date: 02/28/2019  
 Model:  
 Serial Nbr:  
 Board Date:  
 Hud Label:  
 Close Date: 08/23/2018  
 Reopen Date: 08/29/2018

**Dealer:**

**LEGEND:**    D - Dealer                    C - Consumer    S - Setup  
                   M - Manufacturer                    B - Buyer

**Setup:**  
 Raven Rock Mobile Home Movers  
 3335 NC 87 Hwy.  
 Sanford NC 27332

Li#:      3400                    (919) 775-3600  
 A

| Item | ISH | Date | Defect Code | Defect | Resp: | Done |
|------|-----|------|-------------|--------|-------|------|
|------|-----|------|-------------|--------|-------|------|

|   |   |            |        |  |         |   |
|---|---|------------|--------|--|---------|---|
| 1 | N | 08/17/2018 | 192003 | MISCELLANEOUS INSTALLATION & SET-UP FOOTINGS/FOUNDATIONS | D, C, S | N |
|---|---|------------|--------|--|---------|---|

THIS IS NOT A WRITE UP. THIS IS A NOTE. OUR OFFICE WAS TOLD THAT THE HOMES PIERS DIDNT HAVE FOOTINGS UNDER THEM. I COMPLETED AN ON SITE INSPECTION ON 8/17/18. DURING MY INSPECTION I FOUND THAT EVERY PIER UNDER THE HOME HAS THE

**State Fire Marshall's Office  
Manufactured Building Division**

Case #:2018-0032

Code Consultant:Shane Phelps  
Code Consultant2:

Inspector1:Mike Litaker  
Inspector2:

Item ISH Date Defect Code

Defect

Resp: Done

|   |   |            |        |   |   |   |
|---|---|------------|--------|---|---|---|
| 3 | N | 08/17/2018 | 130200 | REQUIRED PIER FOOTINGS. THE 16" X16" PIERS ON THE HIGH END OF THE HOME HAVE 4" X16" X16" FOOTER BLOCKS UNDER THE EACH PIER. THE ENGINEER HIRED BY THE HOMEOWNER QUESTIONED THAT THE HOME HAD NO FOOTINGS UNDER THE PIERS. THIS HAS BEEN INSPECTED AND THE FOOTINGS ARE CORRECT. I HAVE INFORMED THE HOMEOWNER TO CONTACT THE ENGINEER SO THAT THE OVER HEIGHT FOUNDATION CAN BE DESIGNED BY THE ENGINEER. | C | N |
|   |   |            |        | PLUMBING-DRAIN, WASTE, VENT INSTALLATION  |   |   |
|   |   |            |        | HOMEOWNER HIRED PLUMBER. SEWER LINE IS REQUIRED A CLEAN OUT.  |   |   |

|   |   |            |        |  |   |   |
|---|---|------------|--------|--|---|---|
| 6 | N | 08/17/2018 | 192003 | MISCELLANEOUS INSTALLATION & SET-UP FOOTINGS/FOUNDATIONS<br><br>FOUNDATION IS OVER-HEIGHT AND MUST BE DESIGNED BY A NC ENGINEER. **REINSPECTION 2-28-19** JOE SADLER, SHANE PHELPS, & MYSELF MET THE HOME OWNER AND SET-UP CONTRACTOR ON SITE TO REVIEW THE PROGRESS OF THE FIRST INSPECTION THAT I COMPLETED. THE ENGINEERS LETTER FOR OVER HEIGHT CONDITIONS HAD NOT BEEN COMPLETED AT THE TIME OF THIS INSPECTION. IT WAS EXPLAINED TO THE SET-UP CONTRACTOR THAT PER SECTION 3.3.1 OF THE 2004 NC REGULATIONS OF MANUFACTURED HOMES, THE ENGINEERS LETTER WOULD BE THE RESPONSIBILITY OF THE DEALER/SET-UP CONTRACTOR. THE DEALER DOES NOT HAVE A WRITTEN CONTRACT FOR THE SALE OF THIS HOME. THE DEALER DOES NOT HAVE A WRITTEN CONTRACT PROVING THAT AN INSPECTION OF THE HOME SITE WAS INSPECTED BEFORE THE HOME WAS SET-UP IN ACCORDANCE TO SECTION 3.3.1 OF THE 2004 NC REGULATION OF MANUFACTURED HOMES. ONCE THE DEALER PROVIDES AN ENGINEERS LETTER FOR THE OVER HEIGHT CONDITIONS, THAT LETTER IS TO BE USED BY THE LOCAL INSPECTION DEPARTMENT TO COMPLETE THE SET-UP INSPECTION OF THIS HOME. ENGINEERS LETTER ALSO NEEDS TO ADDRESS THE DAMAGE TO THE REAR OF THE FRAME TO ASSURE THAT NO REPAIRS ARE NEEDED TO THE FRAME. PER THE SET-UP CONTRACTOR THE FRAME WAS DAMAGED DURING TRANSIT. | S | N |
|---|---|------------|--------|--|---|---|

Inspection Attendees

|                                |                                 |                             |                     |
|--------------------------------|---------------------------------|-----------------------------|---------------------|
| Brad Sutton<br>Local Inspector | Scott Guy<br>Local Inspector    | Joe Sadler<br>DOL Presiding | Shane Phelps<br>DOI |
| Mike Litaker<br>DOI            | Bobby Suggs<br>Setup Contractor | Willette Davis<br>Consumer  |                     |