
ADDRESS : 368 FARLEY RD SUBDIV:
CONTRACTOR : RAVEN ROCK MOBILE HOME MOVER PHONE : (919) 775-3600
OWNER : DENK JOHN A & JEANNIE L PHONE :
PARCEL : 09-9556- - -0038- - -
APPL NUMBER: 09-50021440 CP MODULAR HOME
DIRECTIONS : TAKE HWY 27 W TO 24/27 TURN RIGHT ON
RIGHT FARLEY RD PROPERTY AT END JB

STRUCTURE: 000 000 28X72 3BDR OFF FRAME
FLOOD ZONE : FLOOD ZONE X
BEDROOMS : 3.00 PROPOSED USE : MOD
SEPTIC - EXISTING? : NEW WATER SUPPLY : COUNTY

PERMIT: CPMH 00 CP MODULAR

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	3/26/09 <u>3-26-09</u>	TI <i>AP Jld</i>	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001747708 BASEMENT HOUSE <i>per Engineer Letter Superior walls</i> ----- COMMENTS AND NOTES

RB Engineering, Inc.
Structural Engineering Firm

168 Quade Drive
Cary, North Carolina 27513

Telephone: 919-677-9662 Cell Phone: 919-280-2895
Fax: 919-677-9663 E-mail: rbittler@rbengineering.com

Mr. Rob Musso
Superior Walls of NC, Inc.
317 Providence Rd
Oxford, NC 27565
email: rmusso@superiorwallsnc.com

March 16, 2009

Subject: Engineering Plan Review Services
Superior Walls Project: Denk Residence
Cameron, NC
File No.: ES-091033

Dear Mr. Musso / Inspections :

At your request, RB ENGINEERING, INC. has reviewed the aforementioned Superior Wall layout and the permitted plans provided by the builder.

Based on our review the wall locations and dimensions provided on the Superior Wall Layout are correct and shall provide adequate support for the structure above. Concrete footing pad and concrete stud locations and sizes (if used) have also been observed and are in place at the correct locations. All review and calculations are based on a standard soil bearing capacity of 2000psf.

Structural Steel Beam:

The main structural beam spanning across the basement supporting the framing above shall be installed as a W12x26 and be supported with (3) 3.5" steel columns placed every 19' along the beam. Beam ends shall be supported in the beam pockets provided in the Superior Wall and the interior columns shall be supported on 3'x3' footer pads atop 42"x42"x12" crushed stone footings.

RB ENGINEERING, INC has reviewed and analyzed only the portions of the structure specifically referred to above. In no event are we to be deemed liable for any deficiencies in the remainder of the structure. Furthermore, RB ENGINEERING, INC is not responsible for structural deficiencies in the superior wall system resulting from defects caused during manufacturing, delivery, placement, or on-site modifications.

If you have any questions or if I can be of further assistance to you on this project, please contact me at (919) 559-8275.

Respectfully submitted,

Elijah B. Smith, EI
Structural/Forensic Engineer
RB ENGINEERING, INC.



Ronald P. Bittler, PE
STRUCTURAL

Attachments: Sealed Superior Wall Layouts

Superior Walls Foundations
 By: Superior Walls of North Carolina
 Project:
 Owner: John Denk
 Builder:
 Salesman: Rob Musso
 Drawn By: Bryan Sutherland
 Created: 1/14/2009
 Last Modified: 3/16/2009
 Revision: 1.10
 Comment: Preliminary
 File Name: denk
 Drawing Type: XI

*** NOT TO SCALE ***

These Drawings are approved for
 final production as illustrated
 and not subject to change.

-----Signature----- Date

BUILDER CHECK LIST:
 -RO'S/DIMS/WALL HEIGHT CORRECT? []
 -OBJECT OPENINGS CORECT? []
 -WOOD BUTTS IND./RED'D? []
 -SUPPORT/BRICK LEDGES CORRECT? []
 -EXTRA SUPPORT IND. FOR PT. LOAD? []

SIGNATURE: -----

OWNER/BUILDER NOTIFICATION:
 BY SIGNING THESE DRAWINGS YOU ARE ACKNOWLEDGING
 THAT THE WALLS WILL BE BUILT TO THE DIMENSIONS
 INDICATED ON THESE PLANS, AND THAT YOU ARE ASSUMING
 ANY AND ALL LIABILITY THAT MAY RESULT FROM THE WALLS
 BEING MANUFACTURED AS SHOWN

Drawing Summary Block - All-Layers

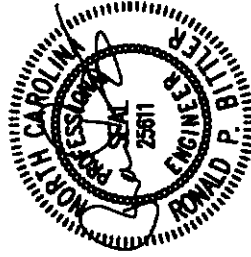
- 4/4 XI Walls/Panels
- 2 Beam Pockets
- 3 Brick Ledges Totaling 106'-5"
- 52 Slab Connectors

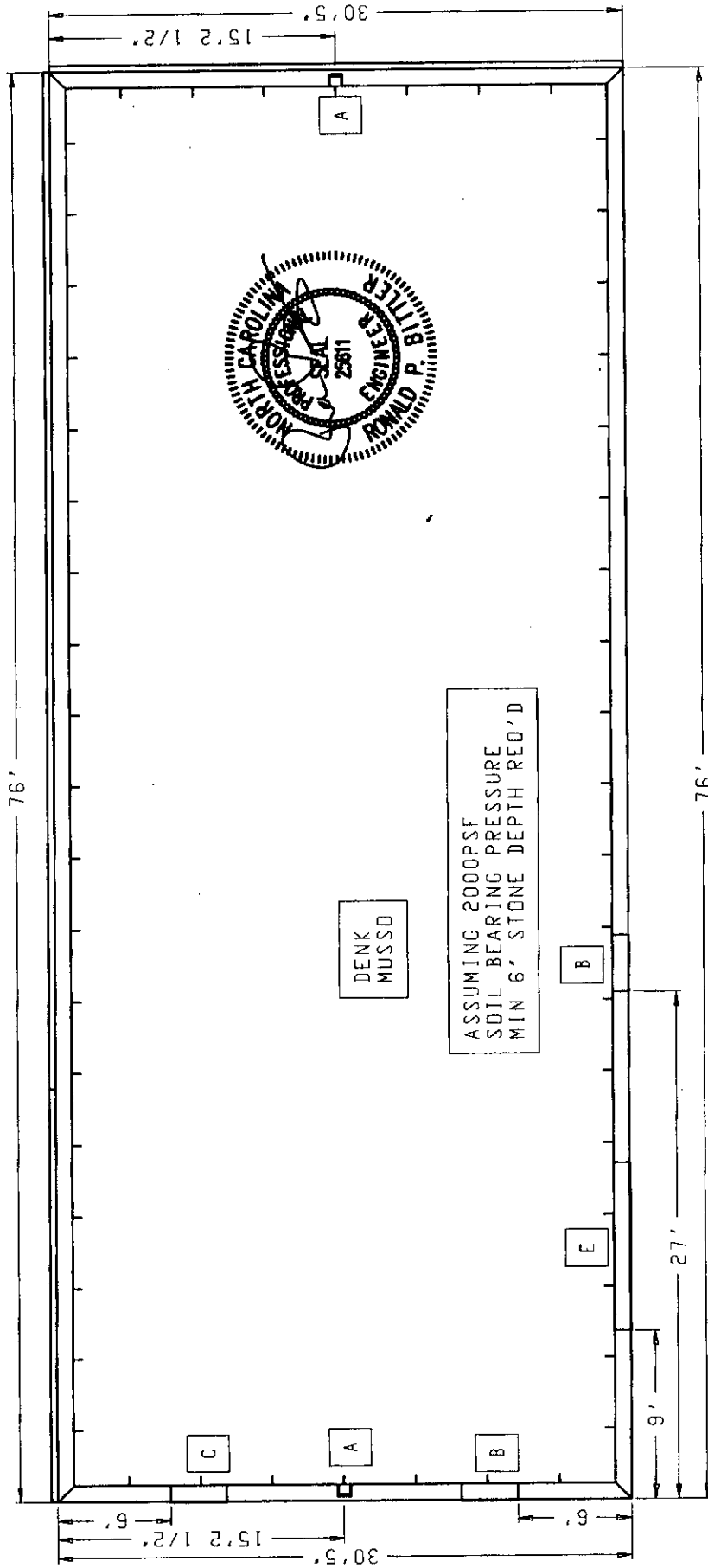
4/4 XI Walls/Panels Type: 9' Linear Feet: 212'-10"

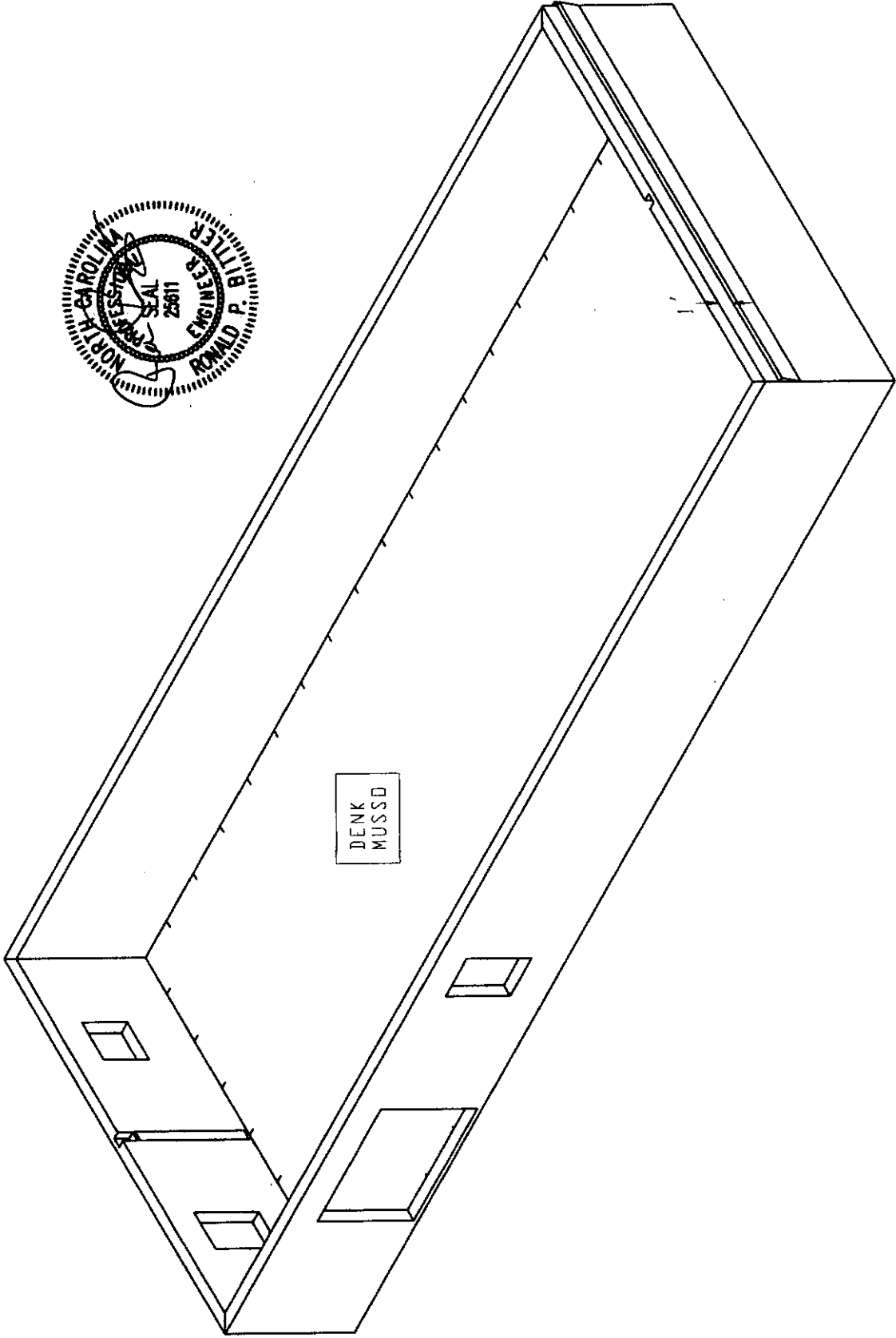
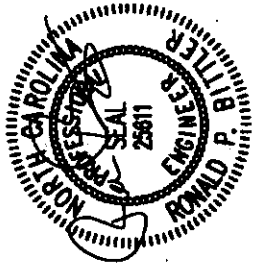
Drawing Notes

- Object Details in inches -

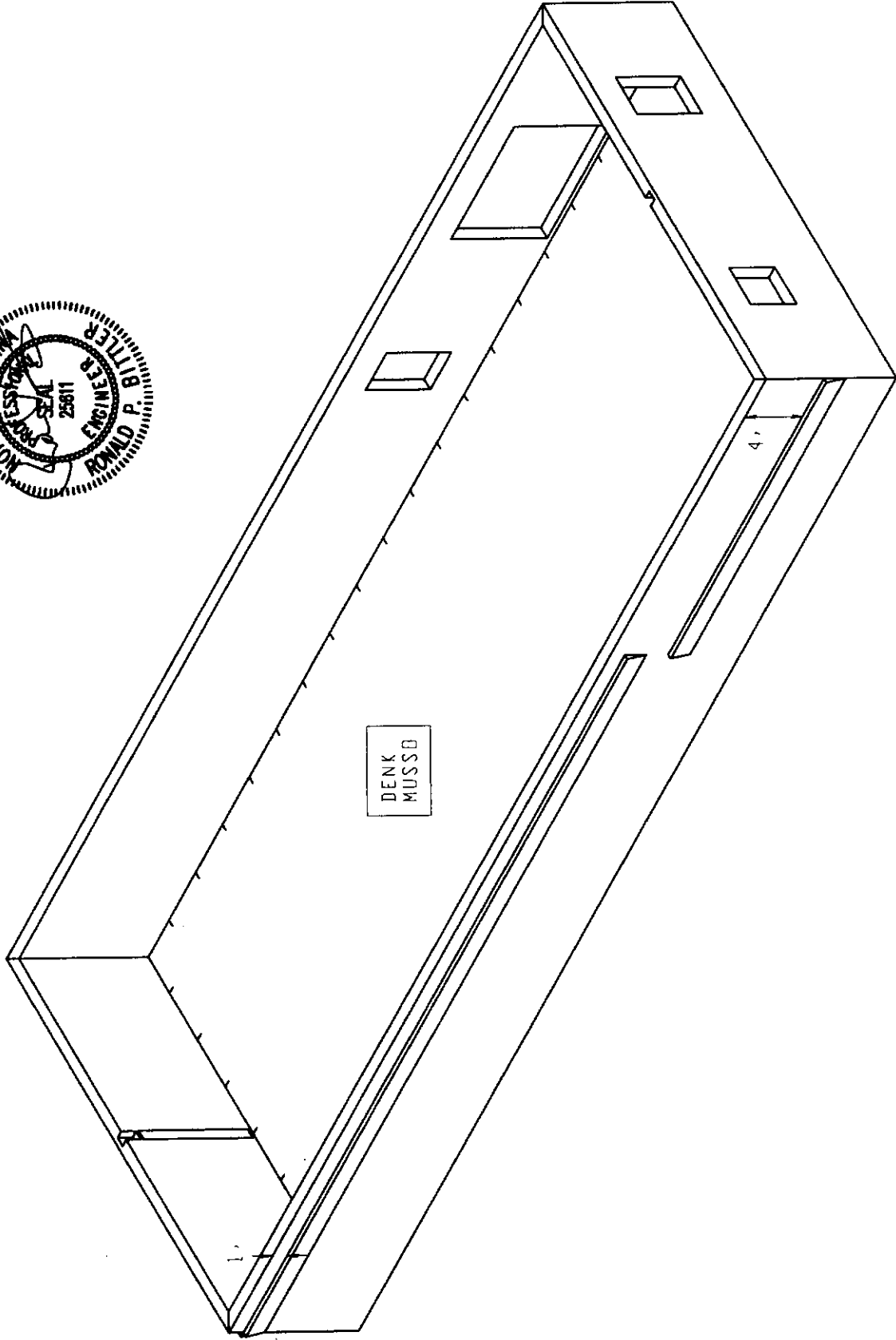
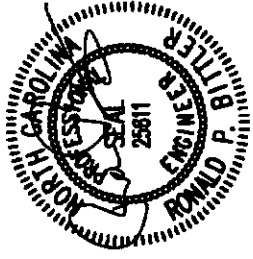
ID	#	Obj Desc	Width	Height	Header	Door (B.O.W)
A	2	BP	8	12_1/2	0	
B	2	Win	35_3/4	53_3/4	24	
C	1	Win	35_3/4	37_3/4	24	
E	1	DR	107_1/4	80	24	4







DENK
MUSSD



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FLOOD ZONE : FLOOD ZONE X

BEDROOMS : 3.00

SEPTIC - EXISTING? : NEW

PROPOSED USE : MOD

WATER SUPPLY : COUNTY

PERMIT: CPMH 00 CP MODULAR

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B101 01	3/26/09 3/26/09	JH AP	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001747708 BASEMENT HOUSE per engineer letter superior walls
A814 01	4/01/09	TI	ADDRESS CONFIRMATION VRU #: 001749985
B103 01	<u>4/01/09</u> <i>A-1-9</i>	<u>TI</u> <i>AP</i>	R*BLDG FOUND & TEMP SVC POLE VRU #: 001749977 1/2 bath is stub out in basement also

COMMENTS AND NOTES

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B103 01	4/01/09 4/01/09	FS AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 001749977 1/2 bath is stub out in basement also
A814 01	4/01/09 4/08/09	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001749985 368 farley rd (replacing swmh)
B119 01	<u>4/13/09</u>	TI AP	R*MOD MARRIAGE WALL TIME: 17:00 VRU #: 001753896

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A814 01	4/01/09 4/08/09	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001749985 √ 368 farley rd (replacing swmh)
B119 01	4/13/09 4/13/09	FS AP	R*MOD MARRIAGE WALL TIME: 17:00 VRU #: 001753896
H824 01	4/15/09 4/16/09	OT AP	√ ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001757277
R131 01	5/14/09 <i>5-14-9</i>	TI <i>AP</i>	ONE TRADE FINAL VRU #: 001767482

COMMENTS AND NOTES

FS

**COUNTY OF HARNETT
DEPARTMENT OF BUILDING INSPECTION
AND PLANNING/DEVELOPMENT
CERTIFICATE OF OCCUPANCY**

This certificate issued pursuant to the requirements of Section 105 of the North Carolina State Building Code and the Harnett County Zoning Ordinance certifies at the time of issuance this structure was in compliance with the various ordinances of the County of Harnett regulating development and building construction or use. For the following:

Use Classification: RV
Type of Construction: Modular Home
Owner of Building: JOHN NEWK
Building Address: 368 FARLEY RD
Zoning District: _____
Zoning Permit No.: _____
Conditional Use Permit No.: _____
Building Permit No.: 9-5-21440
Electrical Permit No.: 9-5-21440
Insulation Permit No.: 9-5-21440
Plumbing Permit No.: 9-5-21440
Mech. Permit No.: 9-5-21440
Envir. C.O. No.: _____

Date: 5-14-9
[Signature]
Building Official

Zoning Official