

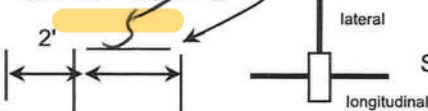
# Mobile Home Permit Worksheet

Installer: James Foley License # JH1078536  
 Address of home being installed 181 SW R12206 in Lake  
City 71 32024  
 Manufacturer Merit Length x width 28x54

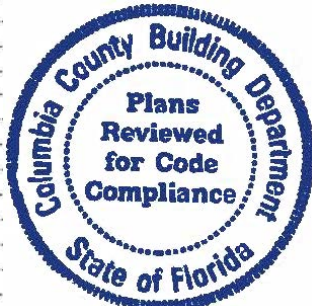
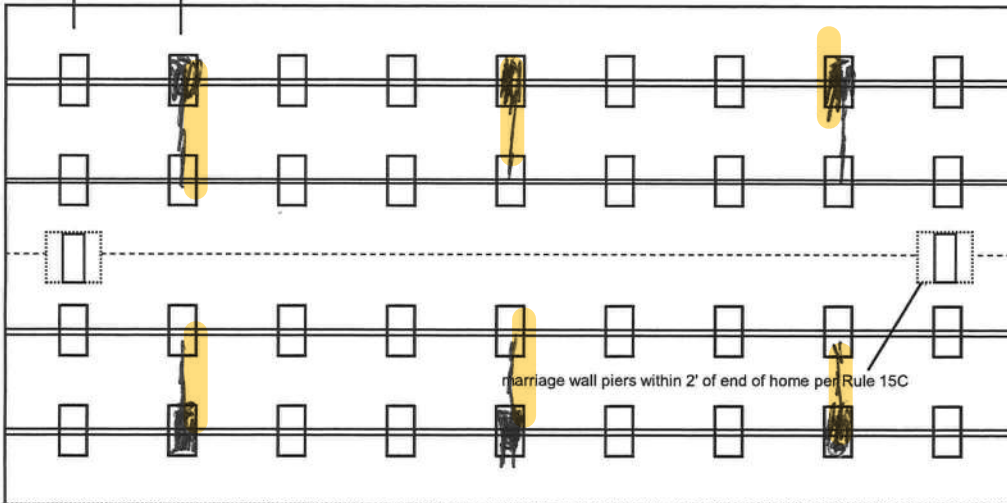
**NOTE:** if home is a single wide fill out one half of the blocking plan  
 if home is a triple or quad wide sketch in remainder of home  
 I understand Lateral Arm Systems cannot be used on any home (new or used)  
 where the sidewall ties exceed 5 ft 4 in.

Installer's initials JK

Typical pier spacing



Show locations of Longitudinal and Lateral Systems  
 (use dark lines to show these locations)



Anthony Islan

Application Number: \_\_\_\_\_ Date: \_\_\_\_\_

New Home ☐ Used Home ☒  
 Home installed to the Manufacturer's Installation Manual  
 Home is installed in accordance with Rule 15-C ☒  
 Single wide ☐ Wind Zone II ☒ Wind Zone III ☐  
 Double wide ☒ Installation Decal # 54893  
 Triple/Quad ☐ Serial # \_\_\_\_\_

PIER SPACING TABLE FOR USED HOMES

Load bearing capacity	Footer size (sq in)	16" x 16" (256)	18 1/2" x 18 1/2" (342)	20" x 20" (400)	22" x 22" (484)*	24" X 24" (576)*	26" x 26" (676)
1000 psf		3'	4'	5'	6'	7'	8'
1500 psf		4' 6"	6'	7'	8'	8'	8'
2000 psf		6'	8'	8'	8'	8'	8'
2500 psf		7' 6"	8'	8'	8'	8'	8'
3000 psf		8'	8'	8'	8'	8'	8'
3500 psf		8'	8'	8'	8'	8'	8'

\* interpolated from Rule 15C-1 pier spacing table.

## PIER PAD SIZES

I-beam pier pad size

17 x 22

Perimeter pier pad size

12 x 16

Other pier pad sizes (required by the mfg.)

26 x 31

Draw the approximate locations of marriage wall openings 4 foot or greater. Use this symbol to show the piers.

List all marriage wall openings greater than 4 foot and their pier pad sizes below.

Opening	Pier pad size
<u>1</u>	<u>26 x 31</u>
_____	_____
_____	_____

## TIEDOWN COMPONENTS

**Longitudinal Stabilizing Device (LSD)**  
 Manufacturer \_\_\_\_\_  
**Longitudinal Stabilizing Device w/ Lateral Arms**  
 Manufacturer \_\_\_\_\_

## POPULAR PAD SIZES

Pad Size	Sq In
16 x 16	256
16 x 18	288
18.5 x 18.5	342
16 x 22.5	360
17 x 22	374
13 1/4 x 26 1/4	348
20 x 20	400
17 3/16 x 25 3/16	441
<u>17 1/2 x 25 1/2</u>	<u>446</u>
24 x 24	576
26 x 26	676

## ANCHORS

4 ft 5 ft

## FRAME TIES

within 2' of end of home  
 spaced at 5' 4" oc

## OTHER TIES

	Number
Sidewall	<u>2</u>
Longitudinal	<u>6</u>
Marriage wall	<u>2</u>
Shearwall	<u>1</u>



# Mobile Home Permit Worksheet

Application Number: \_\_\_\_\_ Date: \_\_\_\_\_

## POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to 1000 psf or check here to declare 1000 lb. soil without testing.

X \_\_\_\_\_ X \_\_\_\_\_ X \_\_\_\_\_

## POCKET PENETROMETER TESTING METHOD

1. Test the perimeter of the home at 6 locations.
2. Take the reading at the depth of the footer.
3. Using 500 lb. increments, take the lowest reading and round down to that increment.

X \_\_\_\_\_ X \_\_\_\_\_ X \_\_\_\_\_

## TORQUE PROBE TEST

The results of the torque probe test is 07 inch pounds or check here if you are declaring 5' anchors without testing 4. A test showing 275 inch pounds or less will require 5 foot anchors.

**Note:** A state approved lateral arm system is being used and 4 ft. anchors are allowed at the sidewall locations. I understand 5 ft anchors are required at all centerline tie points where the torque test reading is 275 or less and where the mobile home manufacturer may requires anchors with 4000 lb holding capacity.

Installer's initials JP

## ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name James Foley

Date Tested 4-9-22

## Electrical

Connect electrical conductors between multi-wide units, but not to the main power source. This includes the bonding wire between multi-wide units. Pg. 7

## Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 1

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 8



## Site Preparation

Debris and organic material removed  
Water drainage: Natural \_\_\_\_\_ Swale \_\_\_\_\_ Pad ☒ Other \_\_\_\_\_

## Fastening multi wide units

Floor: Type Fastener: 1/8" Length: 5" Spacing: 2"  
Walls: Type Fastener: 1/8" Length: 5" Spacing: 2"  
Roof: Type Fastener: 1/8" Length: 5" Spacing: 2"  
For used homes a min. 30 gauge, 8" wide, galvanized metal strip will be centered over the peak of the roof and fastened with galv. roofing nails at 2" on center on both sides of the centerline.

## Gasket (weatherproofing requirement)

I understand a properly installed gasket is a requirement of all new and used homes and that condensation, mold, mildew and buckled marriage walls are a result of a poorly installed or no gasket being installed. I understand a strip of tape will not serve as a gasket.

Installer's initials JP

Type gasket SEA1  
Pg. 8

Installed:  
Between Floors Yes ☒  
Between Walls Yes ☒  
Bottom of ridgebeam Yes ☒

## Weatherproofing

The bottomboard will be repaired and/or taped. Yes ☒ Pg. \_\_\_\_\_  
Siding on units is installed to manufacturer's specifications. Yes ☒  
Fireplace chimney installed so as not to allow intrusion of rain water. Yes ☒

## Miscellaneous

Skirting to be installed. Yes \_\_\_\_\_ No ☒  
Dryer vent installed outside of skirting. Yes \_\_\_\_\_ N/A ☒  
Range downflow vent installed outside of skirting. Yes \_\_\_\_\_ N/A ☒  
Drain lines supported at 4 foot intervals. Yes \_\_\_\_\_  
Electrical crossovers protected. Yes \_\_\_\_\_  
Other: \_\_\_\_\_

Installer verifies all information given with this permit worksheet is accurate and true based on the manufacturer's installation instructions and or Rule 15C-1 & 2

Installer Signature James Foley

Date 4-7-22

License Number: IH / 1078536 / 1 Name: JAMES FOLEY

Order #: 5121	Label #: 84893	Manufacturer:	(Check Size of Home)
Homeowner:		Year Model:	Single _____
Address:		Length & Width:	Double _____
City/State/Zip:		Type Longitudinal System:	Triple _____
Phone #:		Type Lateral Arm System:	HUD Label #:
Date Installed:		New Home: _____ Used Home: _____	Soil Bearing / PSF:
Installed Wind Zone:		Data Plate Wind Zone:	Torque Probe / in-lbs:
Note:			Permit #:



STATE OF FLORIDA  
INSTALLATION CERTIFICATION LABEL

84893

LABEL #

DATE OF INSTALLATION

JAMES FOLEY

NAME

IH / 1078536 / 1

5121

LICENSE #

ORDER #

CERTIFIES THAT THE INSTALLATION OF THIS MOBILE HOME IS  
IN ACCORDANCE WITH FLORIDA STATUTES 320.8249, 320.8325  
AND RULES OF THE HIGHWAY SAFETY AND MOTOR VEHICLES.

INSTRUCTIONS

PLEASE WRITE DATE OF  
INSTALLATION AND AFFIX  
LABEL NEXT TO HUD LABEL.  
USE PERMANENT INK PEN  
OR MARKER ONLY.  
COMPLETE INFORMATION  
ABOVE AND KEEP ON FILE  
FOR A MINIMUM OF 2 YEARS.  
YOU ARE REQUIRED TO  
PROVIDE COPIES WHEN  
REQUESTED.



Manufacturer Address

HOMES OF MERIT  
P.O. BOX 2097  
LEAKE CITY, FLORIDA 32056

Plant Number #1

Date of Manufacture 1-28-82 HUD No. 455992-B 455993-A

Manufacturer's Serial Number and Model Unit Designation

FLHMLCP2819-183-5868AD

Design Approval by IDA R.T.A.

**HILLBORN, WERNER & CARTER**

This manufactured home is designed to comply with the federal manufactured home construction and safety standards in effect at time of manufacture.  
(For additional information, consult owner's manual.)

The factory installed equipment includes:

Equipment	Manufacturer	Model Designation
For heating	<u>TRANE</u>	<u>TR-1000</u>
For air cooling	<u>TRANE</u>	<u>TR-1000</u>
For cooking	<u>FRIGIDAIRE</u>	<u>FR-1000</u>
Refrigerator	<u>FRIGIDAIRE</u>	<u>FR-1000</u>
Water heater	<u>FRIGIDAIRE</u>	<u>FR-1000</u>
Washer	<u>FRIGIDAIRE</u>	<u>FR-1000</u>
Clothes Dryer	<u>FRIGIDAIRE</u>	<u>FR-1000</u>
Dishwasher	<u>FRIGIDAIRE</u>	<u>FR-1000</u>
Garbage Disposal	<u>FRIGIDAIRE</u>	<u>FR-1000</u>
Fireplace	<u>FRIGIDAIRE</u>	<u>FR-1000</u>

DESIGN WIND  
ZONE MAP



DESIGN ROOF LOAD  
ZONE MAP



COMPLIANCE CERTIFICATE

STRUCTURAL DESIGN BASIS CERTIFICATE

HEATING AND COOLING DESIGN BASIS CERTIFICATE

### COMFORT HEATING

This manufactured home has been thermally insulated to conform with the requirements of the federal manufactured home construction and safety standards for a minimum R-value of 1 in the exterior walls.

Heating equipment manufacturer and model (see list at left).

The above heating equipment has the capacity to maintain an average 70° F temperature in the home at outdoor temperatures of -4 F.

To maximize furnace operating economy, and to conserve energy, it is recommended this home be installed where the outdoor winter design temperature (97° F) is not less than 18 degrees Fahrenheit.

The above information has been calculated assuming a maximum wind velocity of standard atmospheric pressure.

### COMFORT COOLING

☐ Air conditioner provided at factory (Alternate I)

Air conditioner manufacturer and model (see list at left).

Certified capacity 12,000 B.T.U./hour in accordance with the applicable air conditioning and refrigeration institute standards.

The central air conditioning system provided in this home has been sized assuming an orientation of the front (rich end) of the home facing South. On this basis, the system is designed to maintain an indoor temperature of 75° F when the outdoor temperature is 95 F dry bulb and 80 F wet bulb.

The temperature to which this home can be cooled will change depending upon amount of exposure of the windows of this home to the sun's radiant heat. Therefore, home's heat gains will vary depending upon its orientation to the sun and any permanent shading provided. Information concerning the calculation of cooling loads at various locations, window exposures and shadings are provided in Chapter 22 of the 1963 Edition of the ASHRAE Handbook of Fundamentals.

Information necessary to calculate cooling loads at various locations and orientations is provided in the special comfort cooling information provided with this home.

☒ Air conditioner not provided at factory (Alternate II)

The air distribution system of this home is suitable for the installation of central air conditioning.

The supply air distribution system installed in this home is sized for a manufactured home central air conditioning system of up to 12,000 B.T.U./hour capacity which are certified in accordance with the applicable air conditioning and refrigeration institute standards, when the air circulation of such air conditioners are rated at 0.3 inch water column static pressure or greater for the cooling air delivered to the manufactured home supply air duct system.

Information necessary to calculate cooling loads at various locations and orientations is provided in the special comfort cooling information provided with this manufactured home.

☐ Air conditioning not recommended (Alternate III)

The air distribution system of this home has not been designed in anticipation of its use with a central air conditioning system.

### INFORMATION PROVIDED BY THE MANUFACTURER NECESSARY TO CALCULATE SENSIBLE HEAT GAIN

Walls (without windows and doors)	U = <u>0.07</u>
Ceilings and roofs of light color	U = <u>0.07</u>
Ceilings and roofs of dark color	U = <u>0.07</u>
Floors	U = <u>0.07</u>
Air ducts in floor	U = <u>0.07</u>
Air ducts in ceiling	U = <u>0.07</u>
Air ducts installed outside the home	U = <u>0.07</u>
The following are the duct areas in this home:	
Air ducts in floor	<u>99</u> sq. ft.
Air ducts in ceiling	<u>99</u> sq. ft.
Air ducts outside the home	<u>10</u> sq. ft.

To determine the required capacity of equipment to cool a home efficiently and economically, a cooling load (heat gain) calculation is required. The cooling load is dependent on the orientation, location and the structure of the home. Central air conditioners operate most efficiently and provide the greatest comfort when their capacity closely approximates the calculated cooling load. Each home's air conditioner should be sized and its installation in accordance with Chapter 22 of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Handbook of Fundamentals, once the location and orientation are known.

### OUTDOOR WINTER DESIGN TEMP. ZONES

