

# PERMIT WORKSHEET

page 1 of 2

## PERMIT NUMBER

Installer STEPHEN E WEEKS License # IH1025306

Address of home being installed 215 SW VELVET GLEN  
LAKE CITY, FL 32034

Manufacturer FLEETWOOD Length x width 76' x 16'

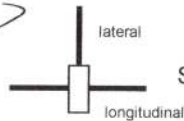
**NOTE:** if home is a single wide fill out one half of the blocking plan  
if home is a triple or quad wide sketch in remainder of home

I understand Lateral Arm Systems cannot be used on any home (new or used)  
where the sidewall ties exceed 5 ft 4 in.

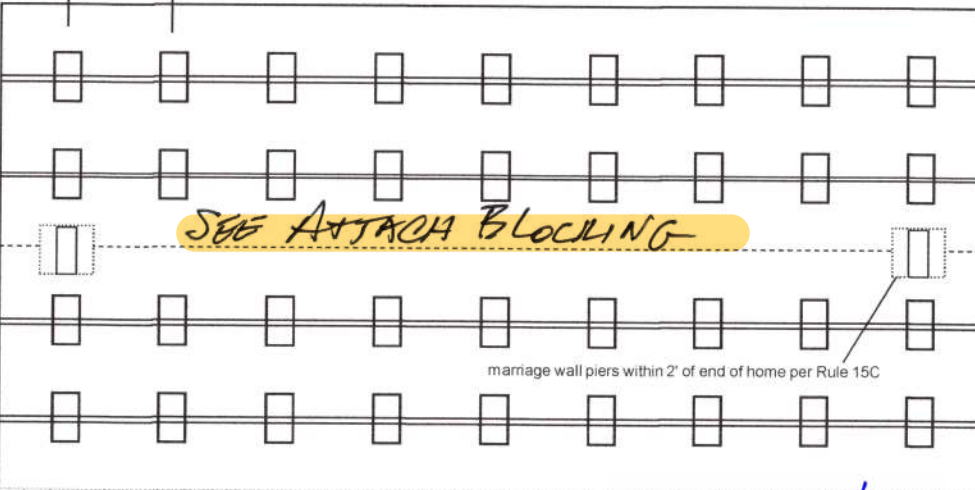
Installer's initials

Typical pier spacing

2' 6'



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



*Anthony Islam*

10-24-2023

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 # 103038

Triple/Quad ☐ Serial # FLE260GA23-68837A

## 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 24" x 24"

Perimeter pier pad size 16" x 16"

Other pier pad sizes (required by the mfg.) \_\_\_\_\_

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

NA \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD)  
Manufacturer HOME PRIDE  
Longitudinal Stabilizing Device w/ Lateral Arms  
Manufacturer HOME PRIDE

### 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 1/2 x 22 1/2	432
17 3/16 x 25 3/16	441
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>NA</u>
Longitudinal	<u>NA</u>
Marriage wall	<u>NA</u>
Shearwall	<u>NA</u>

# PERMIT WORKSHEET

page 2 of 2

PERMIT NUMBER \_\_\_\_\_

## POCKET PENETROMETER TEST

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

X 1500

X 1600

X 1600

## 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 1500

X 1500

X 1500

## TORQUE PROBE TEST

The results of the torque probe test is 280 inch pounds or check here if you are declaring 5' anchors without testing. 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

## ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name STEPHEN E WEEKS

Date Tested 10-2-23

## 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. NA

## Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 85

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

## Site Preparation

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

## Fastening multi wide units

Floor: Type Fastener: NA Length: \_\_\_\_\_ Spacing: \_\_\_\_\_  
Walls: Type Fastener: NA Length: \_\_\_\_\_ Spacing: \_\_\_\_\_  
Roof: Type Fastener: NA Length: \_\_\_\_\_ Spacing: \_\_\_\_\_  
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 \_\_\_\_\_

Type gasket NA  
Pg. \_\_\_\_\_

Installed: NA  
Between Floors Yes \_\_\_\_\_  
Between Walls Yes \_\_\_\_\_  
Bottom of ridgebeam Yes \_\_\_\_\_

## Weatherproofing

The bottomboard will be repaired and/or taped. Yes Pg. 100  
Siding on units is installed to manufacturer's specifications. Yes NA  
Fireplace chimney installed so as not to allow intrusion of rain water. Yes NA

## Miscellaneous

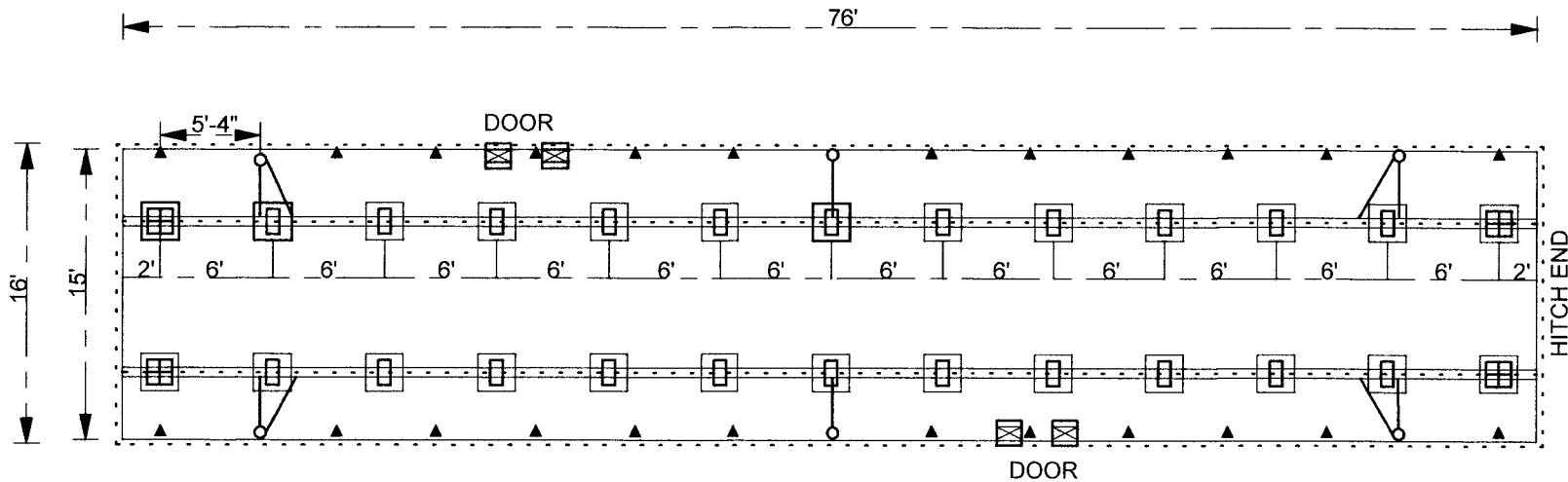
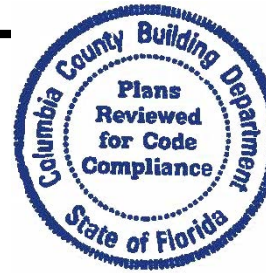
Skirting to be installed. Yes No \_\_\_\_\_  
Dryer vent installed outside of skirting. Yes N/A \_\_\_\_\_  
Range downflow vent installed outside of skirting. Yes \_\_\_\_\_  
Drain lines supported at 4 foot intervals. Yes \_\_\_\_\_  
Electrical crossovers protected. Yes NA \_\_\_\_\_  
Other : \_\_\_\_\_

Installer verifies all information given with this permit worksheet is accurate and true based on the

Installer Signature \_\_\_\_\_

Date 10-2-23





▲ (TYPE 1) 48" AUGER ANCHOR STARTING WITHIN 2' OF END WALL @ MAXIMUM SPACING OF 5'-4" O/C

⊠ 16" x 16" ABS FOOTER PAD PERIMETER DOOR PIER

□ 24" x 24" ABS FOOTER PAD SINGLE STACK PIER 6' O/C EXCEPT AS NOTED

⊞ 24" x 24" ABS FOOTER PAD DOUBLE STACK CORNER PIER WITHIN 2' OF END WALL

⌋ Home Pride (LOCK DOWN ANCHORING) Longitudinal / Lateral Stabilizing System

**RACHEL HOFFMAN-OTS**

215 SW VELVET GLEN, LAKE CITY, FL

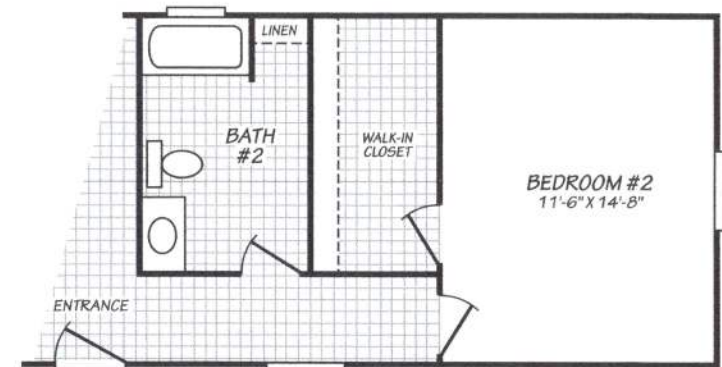
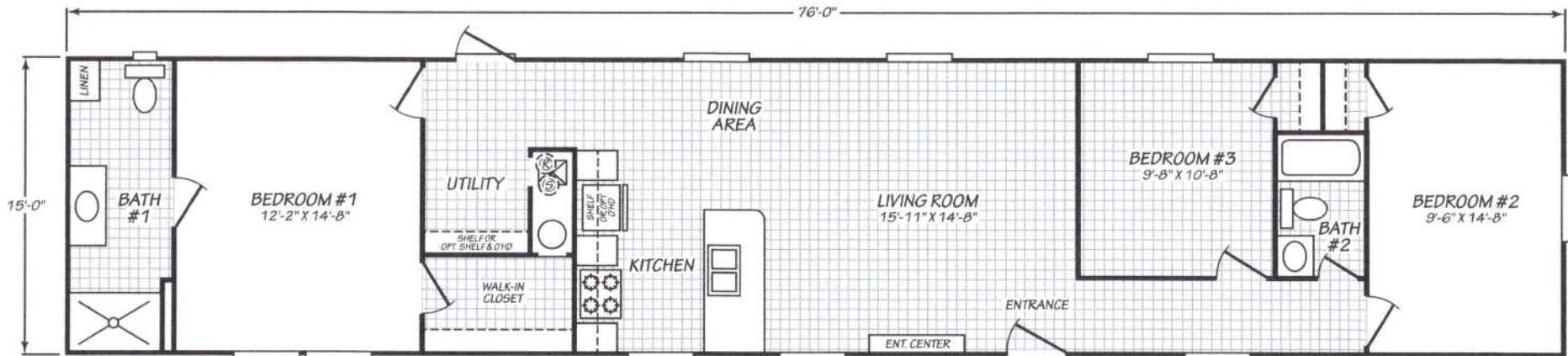
BLOCKING PLAN

DATE: 10-2-23

SCALE: 1" = 10'

DRAWN BY: MB

# KEYSTONE



OPT. 2 BEDROOM

## MODEL 16763A

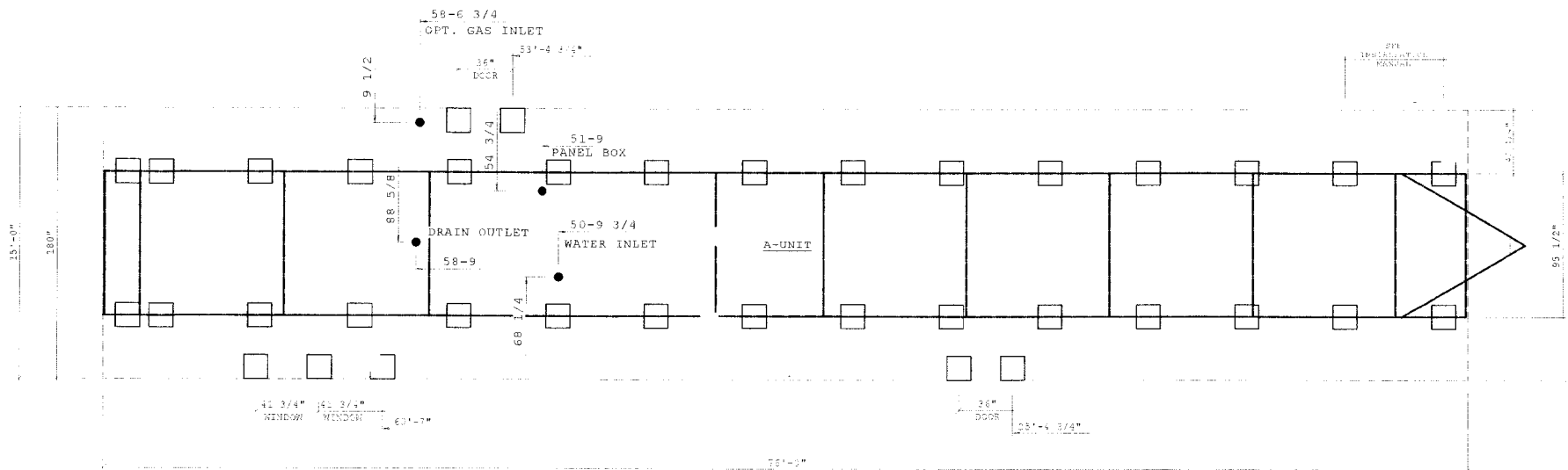
3 Bedroom • 2 Bath • 1,140 Square Feet

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Important: Because we continually update and modify our products, it is important for you to know that our brochures and literature are for illustrative purposes only. **ILLUSTRATIONS MAY SHOW OPTIONAL FEATURES.** All information contained herein may vary from the actual home we build. Dimensions are nominal length and width measurements are from exterior wall to exterior wall. We reserve the right to make changes at any time, without notice or obligation, in prices, colors, materials, specifications, features and models. Please check with your retailer for specific information about the home you select.

KH/260/APR22  
PFS APPROVAL\_4/20/22





# LEGEND

STANDARD FOOTING

NOTES:  
1. THIS DRAWING IS DESIGNED FOR THE STANDARD WIND ZONE AND IS TO BE USED IN CONJUNCTION WITH THE INSTALLATION MANUAL AND ITS SUPPLEMENTS.

2. FOOTINGS ARE SHOWN FOR EXAMPLE ONLY. QUANTITY AND SPACING MAY VARY BASED ON PAD TYPE, SOIL CONDITION, ETC.

3. FOOTING PADS & PIERS ARE REQUIRED AT SUPPORT PCSTS. SEE INSTALLATION MANUAL FOR REQUIREMENTS.

**Cavco**  
INDUSTRIES, INC. •

DOUGLAS  
260

PRODUCT NAME

KEYSTONE

MODEL NO.

16763A

LOADING STYLE

PIER LAYOUT  
20# ROOF LOAD

DESIGNER  
Sandra R.

DATE  
04/19/22

REV

SP.1C.1

20KH16763A





## Installation Instructions for ABS Pads

### For use on all Mobile and Manufactured Homes, including HUD approved Homes and Modular Building Patent #5503500 and other patents pending

#### GENERAL INSTRUCTIONS:

1. All pads are to be installed flat side down, ribbed side up.
2. The ground under the pads should be leveled as smooth as possible with all vegetation removed. Pads to be placed on fully compacted or undisturbed soil, at or below the frost-line or otherwise protected from the effects of frost. Refer to NCSBCS/ANSI A225.1
3. Pier & pad spacing will be determined by the manufactured homes' written set-up instructions or any local or state codes.
4. The open cells between the ribbing on the upper side of the pads may be filled with soil or sand after installation to prevent any accumulation of stagnant water in the pads.
5. A pocket penetrometer may be used to determine the actual soil bearing value. If no soil testing equipment is available – use an assumed soil value of 1000 lbs. / square foot.
6. All pad sizes shown are nominal dimensions and may vary up to 1/8".
7. The maximum deflection in a single pad is 5/8" measured from the highest point to the lowest point of the top face.  
(NOTE: Actual test results were less than 5/8")
8. Pad loads are the same when using single stack or double stack blocks.
9. The maximum load at any intermediate soil value may be determined as the average of the next lower and next higher soil value given in the table below.
10. If the home manufacturer shows soil densities greater than 3000 lbs. When using ABS pads, do not exceed 3000 lbs. soil pier spacings per set up manual.

PAD SIZE	ID NO.	PAD AREA	1000 PSF SOIL	2000 PSF SOIL	3000 PSF SOIL
Oval 16" x 18.5"	1055-23/AIT-06-1000	288 sq. in.	2000 lbs.	4000 lbs.	6000 lbs.
Oval 17" x 22"	1055-16/AIT-06-1001	360 sq. in.	2500 lbs.	5000 lbs.	7500 lbs.
Oval 17.5" x 22.5"	1055-21	384 sq. in.	2667 lbs.	8000 lbs.	8000 lbs.
Oval 17.5" x 25.5"	1055-17/AIT-06-1002	432 sq. in.	3000 lbs.	6000 lbs.	9000 lbs. *
Oval 21" x 29"	1055-22/AIT-06-1003	576 sq. in.	4000 lbs.	8000 lbs. *	12000 lbs. *
Oval 23.25" x 31.25"	1055-20/AIT-06-1004	675 sq. in.	4694 lbs.	9388 lbs. *	9388 lbs. *

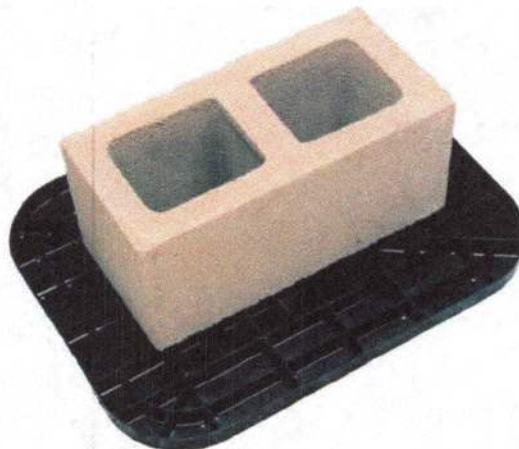
PAD SIZE	ID NO.	PAD AREA	1000 PSF SOIL	2000 PSF SOIL	3000 PSF SOIL
Square 16" x 16"	1055-14/AIT-06-1005	256 sq. in.	1785 lbs.	3560 lbs.	5333 lbs.
Square 18.5" x 18.5"	1055-9/AIT-06-1006	342 sq. in.	2375 lbs.	4750 lbs.	7100 lbs. *
Square 20" x 20"	1055-7/AIT-06-1007	400 sq. in.	2750 lbs.	5500 lbs.	8250 lbs. *
Square 24" x 24"	1055-13/AIT-06-1008	576 sq. in.	4000 lbs.	8000 lbs. *	8000 lbs. *

\* Concrete blocks are required to be double blocked.

11. Any ABS pad configuration may be used to replace a home manufacturer's recommended concrete or wood base pad.
12. **ALABAMA ONLY:** The 23.25" x 31.25" ID#1055-20 may not be installed in the State of Alabama.  
For the State of Alabama all ABS pads shall not have more than 3/8" deflection. See chart below for details on correct installation in Alabama.

#### EXAMPLE: 16' x 80' section (Alabama only)

PAD SIZE	1000 PSF	2000 PSF
Oval 16" x 18.5"	2'9"	5'6"
Oval 17" x 22"	3'0"	6'0"
Oval 17.5" x 22.5"	3'9"	7'6"
Oval 17.5" x 25.5"	4'0"	8'0"
Oval 21" x 29"	4'5"	8'0"
Oval 23.25" x 31.25"	6'0"	8'0"

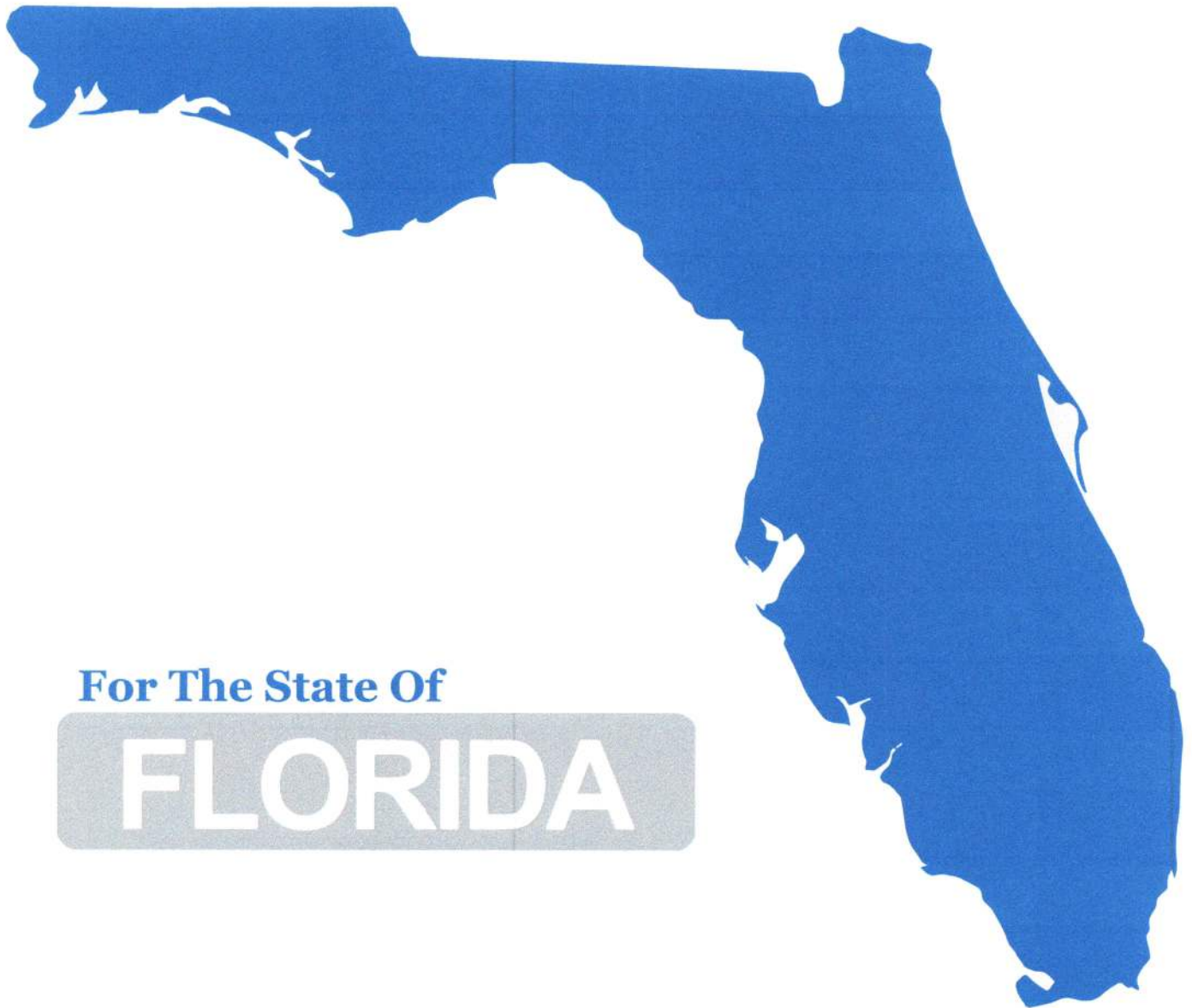




H O M E

P R I D E

**Manufactured Housing Installation Instructions  
Lock Down Anchoring System  
Wind Zones 2 & 3**

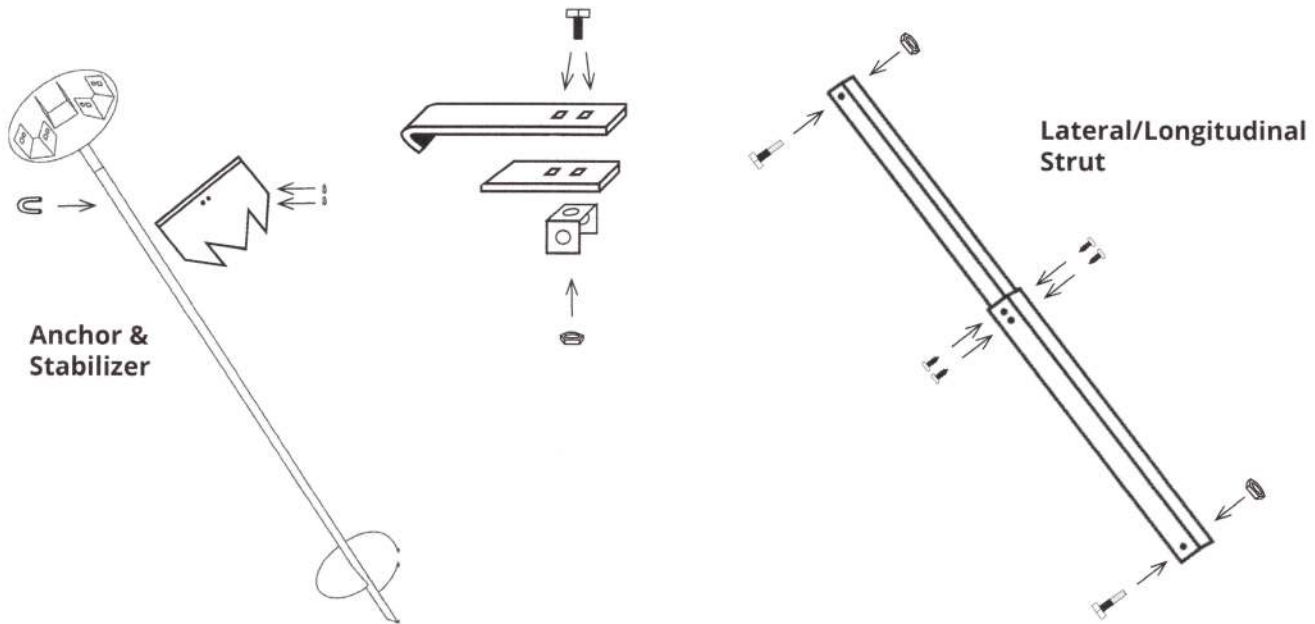


**For The State Of**

**FLORIDA**



## I-Beam Connection



**NOTE:** If one or more of the following conditions exist contact a Registered Professional Engineer.

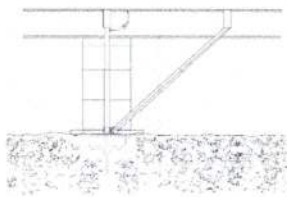
- Location is within 1,500' of the coastline.
- Pier Height exceeds 48".
- Roof eaves exceeds 16".
- Sidewall height exceeds 96".
- Length of home exceeds 76'.

### REQUIREMENTS FOR USE

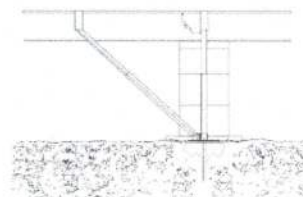
1. The use of the Lock Down Anchoring System requires sidewall vertical ties at no greater than 5'4" on center.
2. Centerline anchors to be sized according to the soil torque conditions.
3. Sidewall anchor loads in excess of 4000 pounds requires a 5' anchor.
4. Sidewall vertical ties can use 4' anchors in soil type 4B.

5. Homes requiring 4 Lock Down Anchor assemblies require the longitudinal and lateral strut on each anchor. All struts must be installed towards the center of the home.

Facing the home  
LEFT CORNER

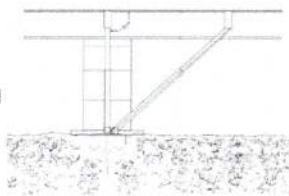


Facing the home  
RIGHT CORNER

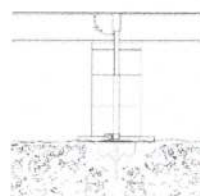


6. Homes requiring 6 Lock Down Anchor assemblies only require longitudinal struts on the 4 corner positions. The two center positions only require a lateral strut. All struts must be installed towards the center of the home.

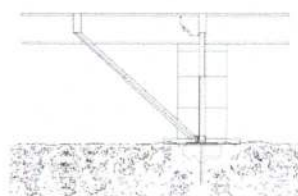
Facing the home  
LEFT CORNER



Facing the home  
CENTER



Facing the home  
RIGHT CORNER



7. The placement of the corner systems should be at a sidewall vertical tie that falls no more than 11' and no less than 5' from the end of the house on each corner.



### NUMBER OF LOCK DOWN ANCHOR ASSEMBLIES NEEDED:

Wind Zones 2 & 3 with roof pitch 6/12 or less.

- |  |   |
|--|---|
| • Single or Double section homes 30' to 52' in length (excluding hitch)              | 4 |
| • Single or Double section homes greater than 52' to 76' in length (excluding hitch) | 6 |

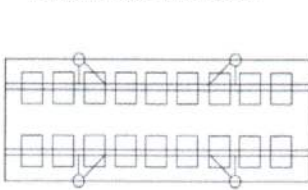
**NOTE:** Roof pitches greater than 6/12 will require additional systems, contact Home Pride, Inc. for assistance.

**NOTE:** Homes less than 30' – Lock Down System should not be used.

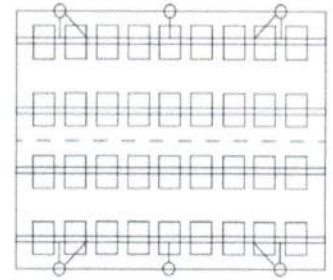
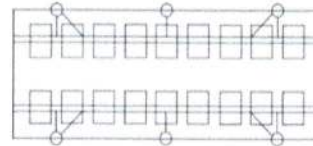
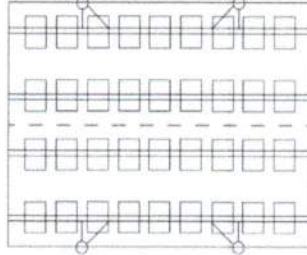
**NOTE:** Home manufacturers may provide a placement chart for specific models in their installation manual. The manufacturer's placement chart supersedes the chart below.

### ANCHOR ASSEMBLY PLACEMENT

Using 4 Anchor Assemblies

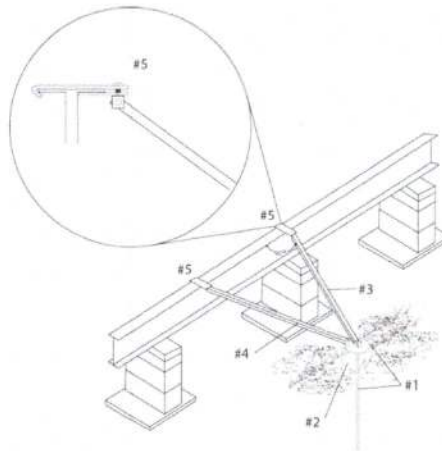


Using 6 Anchor Assemblies



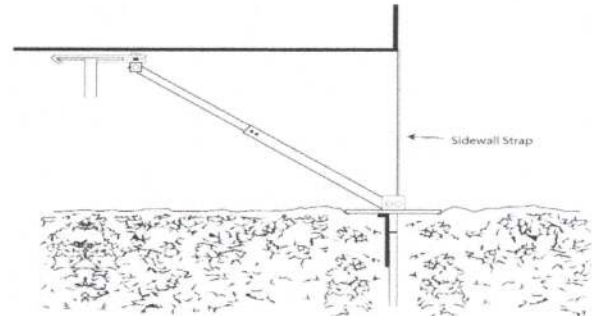
### Lock Down Anchor Assembly Components List

1. Ground Anchor with Strut Attachment Cap
2. Stabilizer
3. Lateral Strut
4. Longitudinal Strut
5. Beam Clamp Assembly



### Lock Down Anchor Assembly Installation Instructions

The Ground Anchor with Strut Attachment Cap will take the place of one perimeter anchor and align with a sidewall vertical strap. Install this anchor at a slight angle, not to exceed 15 degrees. This assembly includes a stabilizer plate that is installed with the anchor and attached with a U-bolt and two nuts. The stabilizer plate should be driven into the ground when the anchor is about 2/3 installed. Attach the stabilizer to the anchor shaft using the U-bolt and nuts then complete the install of the anchor until the strut attachment cap is flush to the ground or slightly recessed into the ground, no more than 1/4". The Strut Attachment Cap should be installed within 1/2" or flush to the top of the stabilizer plate. (See illustration to the right.)

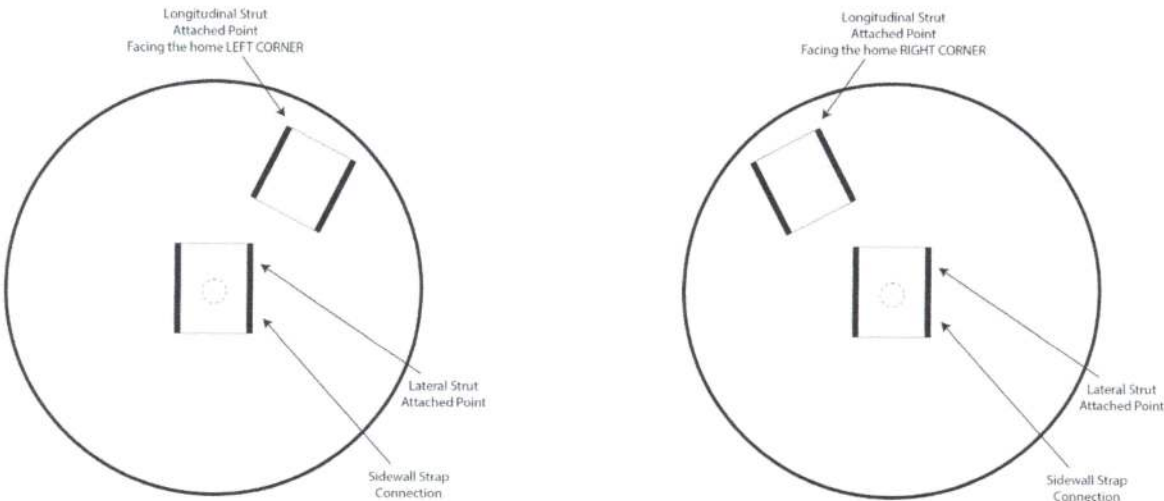


**NOTE:** State of Florida allows a 2' pilot holes to be drilled to assist anchor installation in extremely hard soil conditions. If this process is used during installation of the Ground Anchor with Strut Attachment Cap the soil must be placed back in the pilot hole and compacted at 6" intervals. This process should take place when the anchor is 8"-10" from fully installed – allowing room for the soil to be placed back in the pilot hole and properly packed.

Once the ground anchor assembly is fully installed, attach longitudinal and lateral struts according to the diagram under anchor assembly placement (page 1.). The lateral arm fasteners are to be installed tightly (nuts and bolts). The Beam Clamp assembly has two holes for the bolt and nut placement. Depending on the width of the beam, the corresponding hole should be used that pushes the front of the metal plate as close as possible to the upright of the beam. See the illustration on page 2, #5.

Lateral struts should be installed in line with the center anchor head and attached at the top of the I-beam.

Lateral strut angles must fall within 10 degree minimum - 60 degree maximum. Longitudinal strut angles must fall within 10 degree minimum - 50 degree maximum.



After the Lock Down Anchor Assemblies have been fully installed and all perimeter anchors and straps fully installed and tightened – each strut has 4 self tapping screws that must be installed as the final step. Predrilled holes are provided on the outer strut indicating placement. If the predrilled holes can not be accessed, install the screws as close to the predrilled holes as possible - making sure they are tapping into the inner strut.

The Lock Down Anchoring System should only be used for homes in the state of Florida. This anchoring system is not designed, tested or approved for use in any other state.

Contact Home Pride Inc. 276-466-0502 or at [contactus@hpanchors.com](mailto:contactus@hpanchors.com) for any questions concerning this product.

Legacy Engineering listing # 113

**Notes:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PRODUCT WARRANTY**

Home Pride warrants its Lock Down Anchor System (HP LDS) against defects in workmanship and material at the site of its initial installation. The HP LDS is specifically designed and approved for use in the State of Florida. **This product is not approved for use and should not be used outside the State of Florida. This product must not be reused or reinstalled at any other location.** If used in violation of this Warranty or not installed in accordance with installation instructions, all written and implied warranties are void and disclaimed. HP LDS products which are found to have defects will be replaced or repaired at Home Pride’s option. This Express Warranty is limited to replacement of product only and does not cover any labor or installations costs. When the product is replaced, all Warranty rights are extinguished. This Warranty is only to the benefit of the original purchaser and is not transferable.

There are no other warranties (express or implied) whatsoever which apply to the HP LDS product or to items that are functionally part of the HP LDS product. Home Pride disclaims any and all other implied warranties, including (but not limited to) warranties of habitability, workmanship, materials and fitness for a particular purpose to the extent allowed by law and any implied warranty that exists despite this disclaimer is limited to a period of one (1) year from the effective date of this Warranty. These limitations shall be enforceable to the extent permitted by law.

HP LDS products which are examined and are found not to be defective will be returned to user and all costs associated with examination of the anchor product will be incurred by the user. The user is responsible for all maintenance of the HP LDS product including regular monitoring of stability and integrity of HP LDS products.

For a warranty claim, contact your distributor or Home Pride Inc. at 15100 Industrial Park Road, Bristol, Virginia, 24202.