PERMIT WORKSHEET

PERMIT NUMBER _____

Installer Brent Strickland License # IH 1104218

Installer Mobile Phone # 386-365-7043

Address of home being installed 174 SW CR 242A LOT 9
LAKE CITY, FL. 32025

Manufacturer SUNSTATE MAN. Length x width 16x14

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 B.S.

New Home ☐ Used Home ☑

Home installed to the Manufacturer's Installation Manual ☐

Home is installed in accordance with Rule 15-C ☑

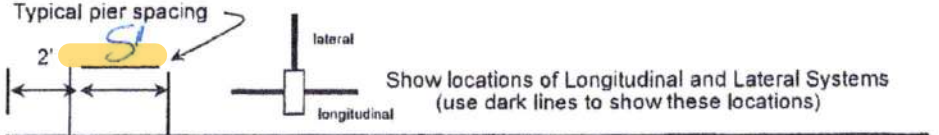
Single wide ☑ Wind Zone II ☑ Wind Zone III ☐

Double wide ☐ Installation Decal # 88591

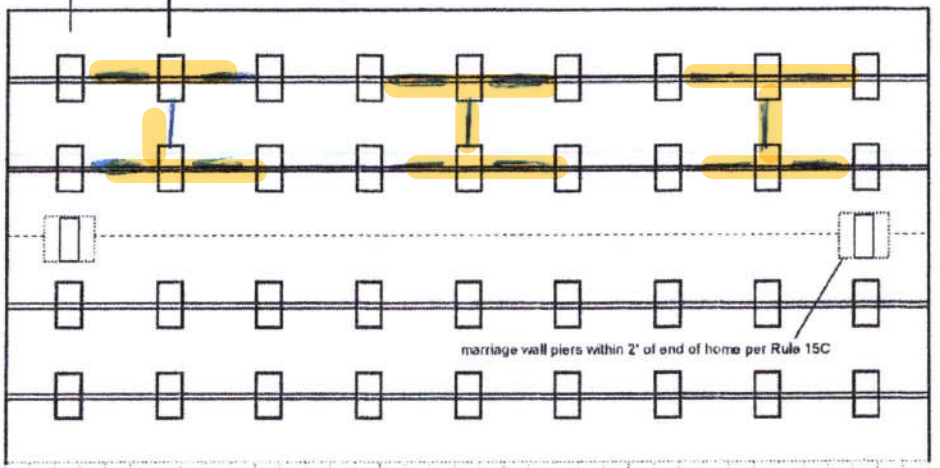
Triple/Quad ☐ Serial # SSM FLA - C-11-2200

Roof System: ✓ **Typical** _____ **Hinged**

Typical pier spacing



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



Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida

Anthony Nolan

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 17x25

Perimeter pier pad size 16x16

Other pier pad sizes (required by the mfg.) 17x25

☐ 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

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
17 1/2 x 25 1/2	446
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	20
Longitudinal	6
Marriage wall	5
Shearwall	4

TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD)
Manufacturer _____

Longitudinal Stabilizing Device w/ Lateral Arms
Manufacturer DIVERSITECH

PERMIT NUMBER

POCKET PENETROMETER TEST

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

x 1000 x 1000 x 1000

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 1000 x 1000 x 1000

Columbia County Building Department — Plans Reviewed for Code Compliance — State of Florida

TORQUE PROBE TEST

The results of the torque probe test is 290 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.

B.S. Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name Brent Strickland

Date Tested 4-11-22

Electrical

Connect electrical conductors between multi-wide units, but not to the main power source. This includes the bonding wire between mult-wide units. Pg. 29

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 28

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 29

Site Preparation

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

Fastening multi wide units

Floor: Type Fastener: _____ Length: _____ Spacing: _____
Walls: Type Fastener: _____ Length: _____ Spacing: _____
Roof: Type Fastener: _____ 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, meldew 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
Pg. _____

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

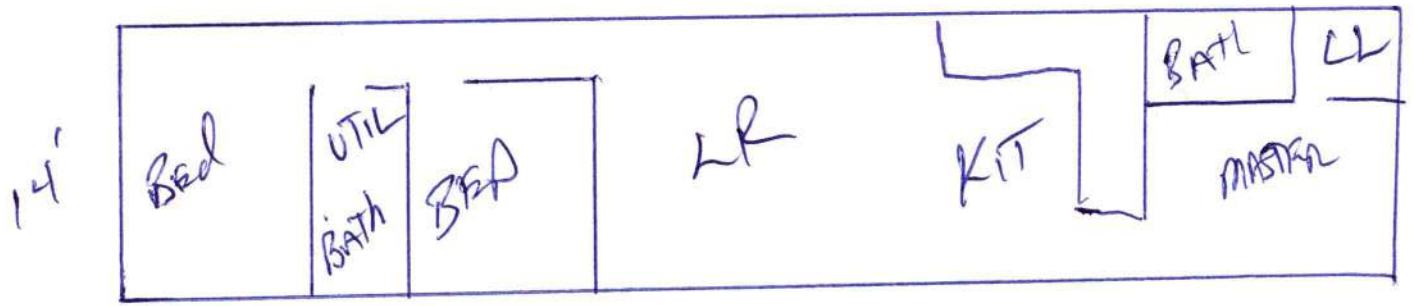
Installer Signature Brent Strickland Date 4-11-22

PROPOSED STRUCK/AND LOT 9

524 SQ

66'

14'



4/11/22

COMPLIANCE CERTIFICATE

Manufacturer Address

Sunstate Manufactured Homes, Inc.
5109 Cone Road
Tampa, FL 33610

Date of Manufacture	Plant Number	HUD No.
12/6/84	1	FLA 277250

Manufacturer's Serial Number and Model Unit Designation
SSM-FLA-C-11-2200 #2663

Design Approval by (D.A.P.I.A.)
RADCO

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

The factory installed equipment includes:

Equipment	Manufacturer	Model Designation
For heating	Coleman	7655-856
For air cooling		
For cooking	Brown	MPL03
Refrigerator	GE	TBF17SF
Water heater	Ruud	PX20-1
Washer		
Clothes Dryer		
Dishwasher		
Garbage Disposal		
Fireplace		
Oven	Brown	MPM720
Firex	FXW-1	FXW-1

STRUCTURAL DESIGN BASIS CERTIFICATE

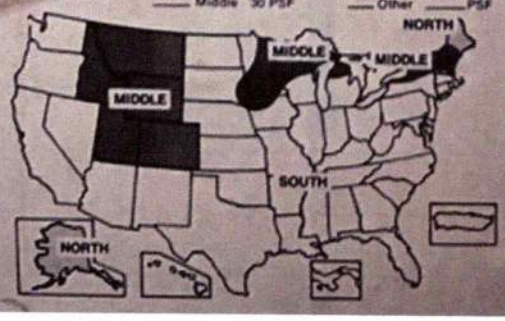
DESIGN WIND ZONE MAP

☐ Zone I — Standard Wind, 15 PSF Horizontal, 9 PSF Uplift

☒ Zone II — Hurricane Resistive, 25 PSF Horizontal, 15 PSF Uplift

DESIGN ROOF LOAD ZONE MAP

___ North 40 PSF ___ X ___ South 20 PSF
___ Middle 30 PSF ___ Other ___ PSF



HEATING AND COOLING DESIGN BASIS CERTIFICATE

COMFORT HEATING

This mobile home has been thermally insulated to conform with the requirements of federal mobile home construction and safety standards for all locations within contiguous

1
Heating equipment manufacturer and model (see list at left).

The above heating equipment has the capacity to maintain an average 70° F temperature in this home at outdoor temperatures of -3 F.

To maximize furnace operating economy, and to conserve energy, it is recommended this home be installed where the outdoor winter design temperature (97.5% winter design temperature) is 18 degrees Fahrenheit.

The above information has been calculated assuming a maximum wind velocity of 15 mph at standard atmospheric pressure.

COMFORT COOLING

☐ **Air conditioner provided at factory (Alternate I)**

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

Certified capacity — _____ B.T.U./hour in accordance with the applicable air conditioning and refrigeration institute standards.

The central air conditioning system provided with this home has been sized assuming orientation of the front (hitch end) of the home facing _____. On this basis the system is designed to maintain an indoor temperature of 75° F when outdoor temperatures are _____ F dry bulb and _____ F wet bulb.

The temperature to which this home can be cooled will change depending upon the amount of exposure of the windows of this home to the sun's radiant heat. Therefore, the home's heat gains will very dependent upon its orientation to the sun and any overhang shading provided. Information concerning the calculation of cooling loads at various locations, window exposures and shadings are provided in Chapter 22 of the 1977 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 mobile 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 mobile home central air conditioning system of up to 40,466 B.T.U./hr. rated capacity which is certified in accordance with the appropriate air conditioning and refrigeration institute standards, when the air circulators of such air conditioners are rated at 0.3 inch water column static pressure or greater for the cooling air delivered to the mobile 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 mobile 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 .120
Ceilings and roofs of light color	U N/A
Ceilings and roofs of dark color	U .091
Floors	U .108
Air ducts in floor	U .186
Air ducts in ceiling	U N/A
Air ducts installed outside the home	U N/A

The following are the duct areas in this home:

Air ducts in floor	N/A sq. ft.
Air ducts in ceiling	N/A sq. ft.
Air ducts outside the home	N/A 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 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


FLA 277250.
TO THE BEST OF THE
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BEEN INSPECTED IN ACCORD-
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LOPMENT AND IS CONSTRUCTED
THE FEDERAL MANUFACTURED
SAFETY STANDARDS IN EFFECT