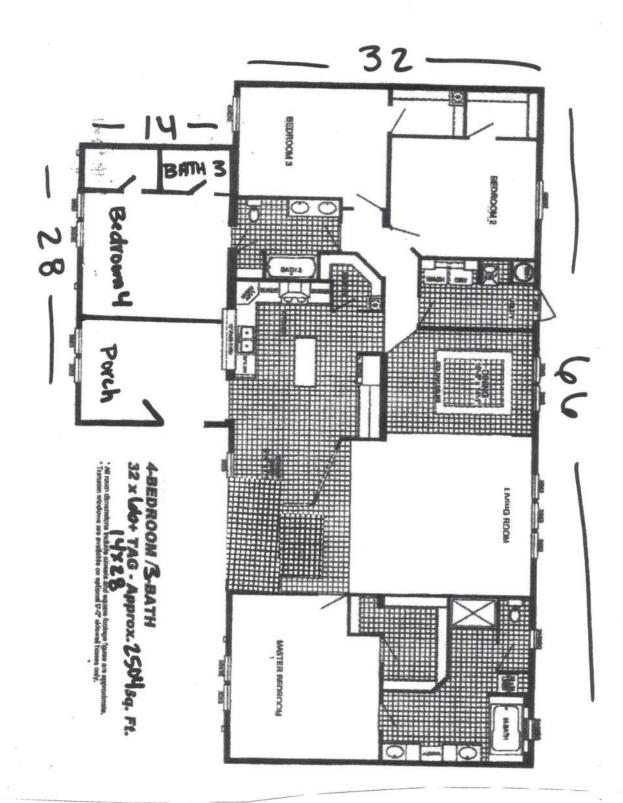
APPROVED	Installer: Auchard Rays and License # 1/1025/36 Address of home Stay Mount Hope Da Address of home Stay Mount Hope Da Manufacturer LNE Oak Length x width 32/466 1/425/1 Moment is a single wide fill out one half of the blocking plan if home is a triple or quad wide sketch in remainder of home in the sidewall iter a triple or quad wide sketch in remainder of home (new paysad) where the sidewall iter a code of 1 ft 4 in. Typical pier spacing Show locations of Longitudinal and Lateral Systems Show locations of Longitudinal and Lateral Systems (use dark lines to show these locations) Exercise Sect. United Sections of Longitudinal and Lateral Systems (use dark lines to show these locations)	
Longitudinal Stabilizing Device (LSD) Longitudinal Stabilizing Device w/ Lateral Arms Manufacturer Longitudinal Stabilizing Device w/ Lateral Arms Mamiage wall Manufacturer OLIVE	New Home Used Home X 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 # ISA Double wide Installation Manual Isa Double wide Installation Decal # Isa Double wide Installation Manual Isa Double wide Installation Decal # Isa Double wide Installation Manual Isa Double wide Installation Decal # Isa Double wide Installation Decal Isa Double wide Installation Decal Isa Double wide Installation Decal	

Page 1 of 2

Mobile Home Permit Worksheet

Mobile Home Permit Worksheet	Application Number: Date:
SOCKET BELETBOURTER TEST	70
The pocket penetrometer tests are rounded down to (SUD) psf or check here to declare 1000 lb. soil without testing.	Water drainage: Natural Swale Pad Other Fastening multi wide units
0057 x 0051 x 005/x	Type Fastener
POCKET PENETROMETER TESTING METHOD 1. Test the perimeter of the home at 6 locations.	wide, ga roof and sides of t
Take the reading at the depth of the footer.	Gasket (weatherproofing requirement)
Using 500 lb. increments, take the lowest reading and round down to that increment.	I understand a properly installed gasket is a requirement of all new and used homes and that condensation, mold, meldew and buckled manuacy walls are homes and the condensation of charlest home installed. I understand a strip
x1500 x 1500 x 1500	
TORQUE PROBE TEST inch pounds or check	Type gasket Tonn Installed: Between Floors (193) Between Walls, 193 Between Walls,
showing 275 inch pounds or less will require 5 foot anglibris.	Weatherproofing
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 cepterilies the points where the torque test reading is 275 or less and where the home manufacturer may	The bottomboard will be repaired and/or taped. Yes Siding on units is installed to manufacturer's specifications. (es Fireplace chimney installed so as not to allow intrusion of rain water. (*185)
ALL TESTS MUST BE PER TORMED BY A ICENSED INSTALLER	NIA
Date Tested Michigan KA4808	Range downflow vent installed outside of surfing Yes Drain lines supported at 4 foot intervals: Yes Electrical crossovers protected: Yes Other:
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.	Installer verifies all information given with this permit worksheet is accurate and trop based on the
Plumbing	manufacturer's installation instructions and or Rule 15C-1 & 2
Connect all sewer drains to an existing sewer tap or septic tank. Pg.	No.
Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg.	Installer Signature

Page 2 of 2



Line Oak Homes

2875 Fullord Road

Waycross, GA 31503 912-287-9015

Plant Number

Date of Manufacture

HUD No.

GEO:1538287/

6/20/2017 Manufacturer's Serial Number and Model Unit Designation P-7863A

LONGATTTIBITSABC

Design Approval by (DAPIA)

NTA Inc. Bet some and the a property or finds of guest of security

The factory

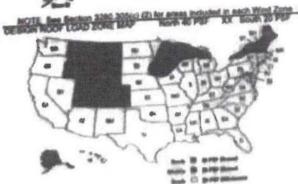
'led equipment includes:

Model Designation Equipment MIA Heeting BUA MA Cooking FFTRIBIAL® SPLADE Reingerator BHN48DHM8E3 STATE Water Heater NIA MA Dighwgghts 34/A. Fireplace FFEW MIZSLE Wall Oven Microwave

HOME CONSTRUCTED FOR WIND ZONE

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COMFORT COOLING

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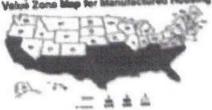
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of its abstraction operated are presidenting distillates.

BUPORMATION PROVIDED BY THE MANUFACTURER HECESSARY TO CALCULATE SENSEELE HEAT GAME

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UIO Valus Zona Map for Manufactured House



Technologies, Inc.



467 Swan Ave & Hohenwald, TN 38462 & (800) 284-7437 & www.olivertechnologies.com & Fax (931) 796-8811

OLIVER TECHNOLOGIES, INC. FLORIDA INSTALLATION INSTRUCTIONS FOR THE MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM

ENGINEERS STAMP

ENGINEERS STAMP

- 1. SPECIAL CIRCUMSTANCES: If the following conditions occur STOP! Contact Oliver Technologies at 1-800-284-7437:
 - c) Roof eaves exceed 16"
- e) Location is within 1500 feet of coast

- a) Pier height exceeds 48"
- d) Sidewall height exceed 96'
- b) length of home exceeds 76'

INSTALLATION OF GROUND PAN

- 2. Remove weeds and debris in an approximate two foot square to expose firm soil for each ground pan (C).
- 3. Place ground pan (C) directly below chassis I-beam . Press or drive pan firmly into soil until flush with or below soil. SPECIAL NOTE: The longitudinal "V" brace system serves as a pier under the home and should be loaded as any other pier. It is recommended that after leveling piers, and one-third inch (1/3") before home is lowered completely on to piers, complete steps 4 through 9 below.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: WHEN INSTALLING THE LONGITUDINAL SYSTEM ONLY, A MINIMUM OF 2 SYSTEMS PER FLOOR SECTION IS REQUIRED. SOIL TEST PROBE SHOULD BE USED TO DETERMINE CORRECT TYPE OF ANCHOR PER SOIL CLASSIFICATION. IF PROBE TEST READINGS ARE BETWEEN 175 & 275 A 5 FOOT ANCHOR MUST BE USED. IF PROBE TEST READINGS ARE BETWEEN 276 & 350 A 4 FOOT ANCHOR MAY BE USED. USE GROUND ANCHORS WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 5'4". VERTICAL TIES ARE ALSO REQUIRED ON HOMES SUPPLIED WITH VERTICAL TIE CONNECTION POINTS (PER FLORIDA REG.).

4. Choose one of the approved longitudinal tube installations; either Diagram A or B. Then select the correct square tube (E) length from the diagram for appropriate pier height at support location or cut and drill 1.5" square tube to achieve appropriate length. PIER HEIGHT 1.50

	PIER HEIGHT (40° Min 45° Max.)	1.25" Tube Length	1.50" Tube Length
	7 3/4" to 25"	22"	18"
* :	24 3/4" to 32 1 /4"	32"	18"
	33" to 41"	44"	18"
	40" to 48"	54"	18"
_			

33" to 41"	44"	18"
40" to 48"	54"	18"

9/16" Dia. (.562") hole 0.75 Part E

(40° Min 60° Max.)	Tube Length
14" to 18"	20"
18" to 25"	28"
24" to 35"	39"
30" to 40"	44"
36" to 48"	54"
_	

Diagram B

- 5. Install (2) of the 1.50" square tubes (E {18" tube}) into the "U" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
- Place I-beam connector (F) loosely on the bottom flange of the I-beam.
- 7. (For Diagram A installation) Slide the selected 1.25" tube (E) into a 1.50" tube (E) and attach to I-beam connectors (F) and fasten loosely with bolt and nut. (For Diagram B installation) Attach the selected 1.5" tubes (E) to the I-beam connectors (F) and fasten loosely with bolts and nuts.
- 8. Repeat steps 6 through 7 to create the "V" pattern of the square tubes loosely in place.
- 9. Using standard hand tools tighten all nuts and bolts. (For Diagram A installation only, secure 1.25" and 1.50" tubes using four(4) 1 /4"-14 x 3/4" self-tapping screws in pre-drilled holes.)



Aug 24, 2018

Page I

()[| / / [-] | Technologies, Inc.

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INSTALLATION USING CONCRETE RUNNER/ FOOTER

- 15. A concrete runner, footer or slab may be used in place of the steel ground pan.
 - a) The concrete shall be minimum 2500 psi mix
 - b) A concrete runner may be either longitudinal or transverse, and must be a minimum of 8" deep with a minimum width of 16 inches longitudinally or 18 inches transverse to allow proper distance between the concrete bolt and the edge of the concrete (see below).
 - c) Footers must have minimum surface area of 441 sq. in. (I.e. 21" square), and must be a minimum of 8" deep.
 - d) If a full slab is used, the depth must be a 4" minimum. Special inspection of the system bracket installation is not required. Footers must allow for at least 4" from the concrete bolt to the edge of the concrete.

NOTE: The bottom of all footings, pads, slabs and runners must be per local jurisdiction.

LONGITUDINAL: (Model 1101 LC "V")

16. When using Part# 1101-W-CPCA (wetset) simply install the bracket in runner/footer **OR** When installing in cured concrete use Part# 101-D-CPCA (dryset). The 1101 (dryset) CA bracket is attached to the concrete using (2) 5/8"x3" concrete wedge bolts (Simpson part # S162300H 5/8" X 3" or Powers equivalent). Place the CA bracket in desired location. Mark bolt hole locations, then using a 5/8" diameter masonry bit, drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the holes. Place wedge bolts into drilled holes, then place 1101 (dry set) CA bracket onto wedge bolts and start wedge bolt nuts. Take a hammer and lightly drive the wedge bolts down by hitting the nut (making sure not to hit the top of threads on bolt). The sleeve of concrete wedge bolt needs to be at or below the top of concrete. Complete by tightening nuts.

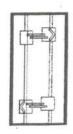
LATERAL: (Model 1101 TC "V")

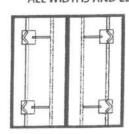
- 17. For wet set (part # 1101-W-TACA) installation simply install the anchor bolt into runner/footer. For dry set installation (part # 1101-D-TACA) mark bolt hole locations, then using a 5/8" diam. masonry bit. drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the hole. Place wedge bolts (Simpson part #5162300H 5/8" X 3" or Powers equivalent) into (D) concrete dry transverse connector and into drilled hole. If needed, take a hammer and lightly drive the wedge bolts down by hitting the nut (making sure not to hit the top of threads on bolt), then remove the nut. The sleeve of concrete wedge bolt needs to be at or below the top of concrete.
- 18. When using part# 1101 CVW (wetset) or 1101 CVD (dryset), install per steps 17 & 18.

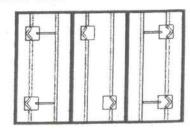
Notes:

- 1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
- 2. LOCATION OF TRANSVERSE BRACING ONLY
- 3 🖾 = LOCATION OF LONGITUDINAL BRACING ONLY
- 4. [3- = TRANSVERSE AND LONGITUDINAL LOCATIONS

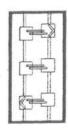
ALL WIDTHS AND LENGTHS UP TO 52'

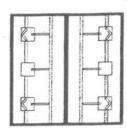


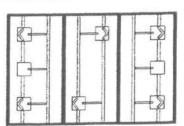




ALL WIDTHS AND LENGTHS OVER 52' TO 80"

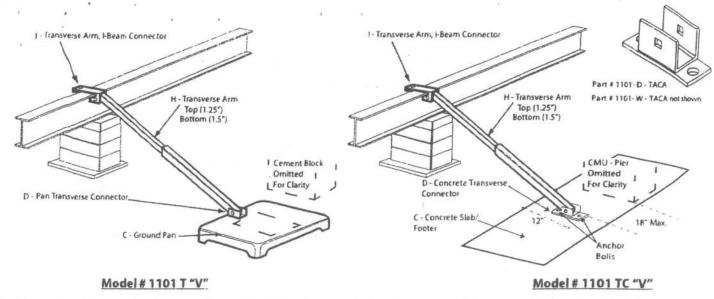






HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS 6 systems for home lengths up to 52' and 8 systems for homes over 52' and up 80'.

PATENT# 6634150 & OTHER PATENT PENDING



Florida approved 4' ground anchors may be used in all locations except where home manufacturers specifications for sidewall straps are in excess of 4,000 lbs. These locations require a 5' anchor. Per Florida code.

C = GROUND PAN / CONCRETE FOOTER OR RUNNER

D = GROUND PAN / CONCRETE U BRACKETS TRANSVERSE CONNECTOR (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)

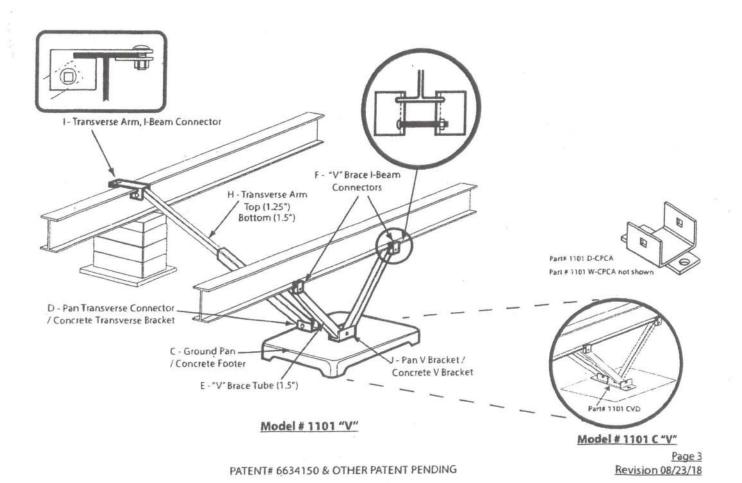
E = TELESCOPING V BRACE TUBE ASSEMBLY (1.5" TUBE BOTTOM AND 1.25" TUBE INSERT) OR 1.5" TUBE

F = "V" BRACE I-BEAM CONNECTOR ASSEMBLY

H = TELESCOPING TRANSVERSE ARM ASSEMBLY

I = TRANSVERSE ARM I-BEAM CONNECTOR (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)

J=V PAN BRACKET (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)



OI NATION Technologies, Inc.

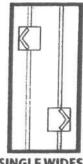
467 Swan Ave • Hohenwald, TN 38462 • (800) 284-7437 • www.olivertechnologies.com • Fax (931) 796-8811

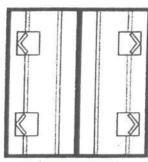
REQUIRED NUMBER AND LOCATION OF MODEL 1101 L "V" BRACES FOR UP TO 4/12 ROOF PITCH

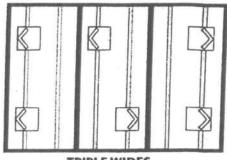
Notes

- 1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
- 2. (= LOCATION OF LONGITUDINAL BRACING ONLY

ALL WIDTHS AND LENGTHS UP TO 80'





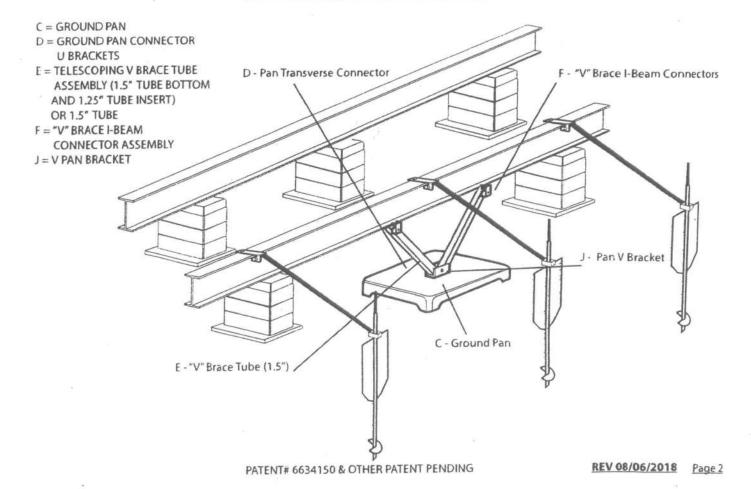


SINGLE WIDES

DOUBLE WIDES

TRIPLE WIDES

THIS SYSTEM ELIMINATES THE NEED FOR ALL LONGITUDINAL ANCHORS, STRAPS AND STABILIZER PLATES





UA-14

TALLAHASSEE, FLORIDA 32399-0500

CRED O. DICKINSON, III

March 20, 2002

Mr. Bert A. Moore, Financial Manager Manufactured Housing Foundation Systems Oliver Technologies, Inc. Post Office Box 9 (467 Swan Avenue) Hohenwald, Tennessee 38462

Dear Mr. Moore:

We wish to acknowledge receipt of your specifications and test results certifying that your Longitudinal Stabilizing and Lateral Bracing System, 1101 V, listed below complies with the specifications and regulations set by the Department of Highway Safety and Motor Vehicles, Rules 15C-1.0105, 15C-1.0107 and 15C-1.0108, Florida Administrative Code.

Installation instructions must be available at the installation site.

MODEL#

DESCRIPTION

1101 V

Longitudinal Stabilizing and Lateral Bracing System

NOTE: This system is for replacement of longitudinal anchors. This system can only be used with sidewall anchor spacing of 5'4". Maximum strut angle 45°.

If you have any questions, please advise at (407) 623-1340.

Sincerely,

Phil Bergelt, Program Manager Bureau of Mobile Home and

Recreational Vehicle Construction

Division of Motor Vehicles



April 26, 2007

ELECTRA THEODORIDES-BUSTLE

Executive Director

Mr. John Lower Oliver Technologies, Inc. P. O. Box 9 Hohenwald, Tennessee 38462

Dear Mr. Lower:

We wish to acknowledge receipt of your specifications and test results, certifying your mobile home Transverse and Longitudinal System – Wet Set and Dry Set Concrète Brackets, listed below, complies with the specifications and regulations set by the Department of Highway Safety and Motor Vehicles, Rules 15C-1.0105 and 15C-1.0107, Florida Administrative Code.

Based on the information submitted to this bureau, the following products are listed for sale and use in Florida when instructions are provided at the jobsite.

MODEL # DESCRIPTION Concrete full system wet bracket Concrete full system dry set bracket Concrete longitudinal system wet set bracket Concrete longitudinal system dry set bracket Concrete longitudinal system dry set bracket Concrete transverse system wet set bracket Concrete transverse system dry set bracket Concrete transverse system dry set bracket

If you have any questions, please advise at (407) 445-7408

Sincercly

Phil Bergelt, Program Manager Bureau of Mobile Home and

Recreational Vehicle Construction

Division of Motor Vehicles

PB/cb

02/27/2018 14:24 5785745786



Ferry L. Risodes
Executive Director

2900 Apalachee Parkwey Tallahassee, Plotida 32396-0500 www.flamv.gov

MEMORANDUM

TO:

All Steel Telescoping Lateral Arm Manufacturers

FROM:

Wayne Jordan, Operations Services Manager, Manufactured Housing Section

Florida Department of High Safety and Motor Vehicles

DATE:

August 6, 2018

SUBJECT:

Elimination of Requirement for Supplemental Frame Ties and Stabilizer Plates at All Steel

Telescoping Lateral Arm Locations

The Department has reviewed some concerns expressed by several of the steel telescoping lateral arm manufacturers regarding the Department's requirement to install supplemental frame ties and stabilizer plates on the steel telescoping lateral arm systems.

In an abundance of caution, the Department required supplemental frame ties /stabilizer plates at each lateral arm location in June of 2002. After researching data from storm reports, the Department has found no evidence of the need for these supplemental frame ties/stabilizer plates. With this information in mind, the Department will discontinue the requirement for the supplemental frame ties/stabilizer plates at each lateral arm location.

Manufacturers who wish to change their installation instructions to remove this requirement, must resubmit their last engineering report showing the whole house test without the use of supplemental frame ties/stabilizer plates. Upon receipt and review of the engineering report, the Department will remove the requirement for supplemental frame ties/stabilizer plates. Each manufacturer will be notified within two weeks of receipt of the engineering report. These reports must be sent to my attention at 5701 East Hillsborough Ave, Suite 2228, Tampa, Florida 33610.

If the need arises in the future, the Department may impose additional requirements to the steel telescoping lateral arm systems with a change to Florida Administrative Code Rule 15C-1.

Brian Valente

From:

Jordan, Herbert < HerbertJordan@flhsmv.gov>

Sent:

Friday, August 24, 2018 11:38 AM

To:

Brian Valente

Subject:

RE: Oliver Technologies Revised Installation Instructions

Brian,

The department has received Oliver Technologies engineering report showing Oliver Technologies All steel Foundation Brace System Model 1101V was tested without frame ties/stabilizer plates. Pursuant to the departments memorandum of July 23, 2018, Oliver Technologies may start offering the Model 1101V All Steel Foundation Brace System without the frame tie/stabilizer plate at each lateral arm location. In order to avoid any confusion to building departments, Oliver should send the new installation instructions to your suppliers who sell the Model 1101V System.

Wayne Jordan Operations Services Manager Manufactured Housing Section herbertjordan@flhsmv.gov 813-302-5032



From: Brian Valente <b.valente9@gmail.com> Sent: Thursday, August 23, 2018 12:53 PM

To: Jordan, Herbert < HerbertJordan@flhsmv.gov>

Subject: Oliver Technologies Revised Installation Instructions

Hi Wayne, please see the attached Installation Instructions that reflect the changes we spoke about on Tuesday. If you have any questions or notice any errors, please let me know.

Thank you for all of your help,

Brian Valente
Oliver Technologies
FL Sales
678-574-0946



OLIVER TECHNOLOGIES, INC. FLORIDA INSTALLATION INSTRUCTIONS FOR THE MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM MODEL 1101"V" (STEPS 1-15)

MODEL 1101-L"V" LONGITUDINAL ONLY: **FOLLOW STEPS 1-9** FOR ADDING LATERAL ARM: Follow Steps 10-15

ENGINEERS STAMP

S: If the following conditions occur - STOPI Contact Oliver Technologies at 1-800-284-7437:

a) Pier height exceleds 48"

b) Length of home exceeds 76' c) Roof eaves exceed 16" d) Sidewall height exceed 96"

e) Location is within 1500 feet of coast

INSTALLATION OF GROUND PAN

2. Remove weeds and debris in an approximate two foot square to expose firm soil for each ground pan (C).

3. Place ground pan (C) directly below chassis I-beam . Press or drive pan firmly into soil until flush with or below soil. SPECIAL NOTE: The longitudinal "V" brace system serves as a pler under the home and should be loaded as any other pier. It is recommended that after leveling piers, and one-half inch (1/2") before home is lowered completely on to piers, complete steps 4 through 9 below.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: WHEN INSTALLING THE MODEL # 1101-L"V" LONGITUDINAL SYSTEM ONLY, A MINIMUM OF 2 SYSTEMS PER FLOOR SECTION IS REQUIRED. SOIL TEST PROBE SHOULD BE USED TO DETERMINE CORRECT TYPE OF ANCHOR PER SOIL CLASSIFICATION. IF PROBE TEST READINGS ARE BETWEEN 175 & 275 A 5 FOOT ANCHOR MUST BE USED. IF PROBE TEST READINGS ARE BETWEEN 276 & 350 A 4 FOOT ANCHOR MAY BE USED. USE GROUND ANCHORS WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 5'4". VERTICAL TIES ARE ALSO REQUIRED ON HOMES SUPPLIED WITH VERTICAL TIE CONNECTION POINTS (PER FLORIDA REG.).

4. Select the correct square tube brace (E) length for set - up (pier) height at support location. (The 18" tube is always used as the bottom part of the longitudinal arm). Note: Either tube can be used by itself, cut and drilled to length as long as a 40 to 45 degree angle is maintained.

PIER HEIGHT (Approx. 45 degrees Max.)	1.25" ADJUSTABLE Tube Length	1.50" ADJUSTABLE Tube Length
7 3/4" to 25"	22"	18"
24 3/4" to 32 1/4"	32"	18"
33" to 41"	44"	18"
40" to 48"	54"	18"

- 5. Install (2) of the 1.50" square tubes (E {18" tube}) into the "U" bracket (J), insert carriage boll and leave nut loose for final adjustment.
- 6. Place I-beam connector (F) loosely on the bottom flange of the I-beam.
- 7. Slide the selected 1.25" tube (E) into a 1.50" tube (E) and attach to I-beam connectors (F) and fasten loosely with bolt and nut.
- 8. Repeat steps 6 through 7 to create the "V" pattern of the square tubes loosely in place. The angle is not to exceed 45 degree and not below 40 degrees.
- 9. After all bolts are tightened, secure 1.25" and 1.50" tubes using four(4) 1/4"-14 x 3/4" self-tapping screws in pre-drilled holes.

INSTALLATION OF LATERAL TELESCOPING TRANSVERSE ARM SYSTEM

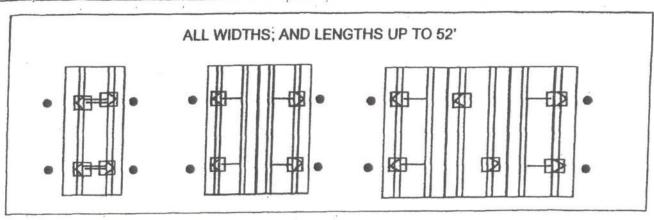
THE MODEL 1101 "V" (LONGITUDINAL & LATERAL PROTECTION) ELIMINATES THE NEED FOR MOST STABILIZER PLATES & FRAME TIES. NOTE: THE USE OF THIS SYSTEM REQUIRES VERTICAL TIES SPACED AT 5'4".

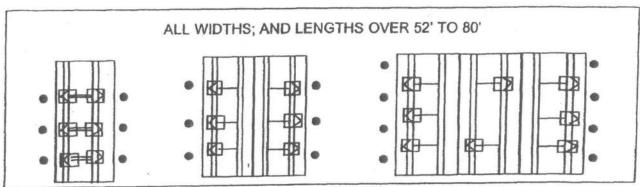
FOUR FOOT (4') GROUND ANCHOR MAY BE USED EXCEPT WHERE THE HOME MANUFACTURER SPECIFIES DIFFERENT.

- 10. Install remaining vertical tie-down straps and 4' ground anchors per home manufacturer's instructions. NOTE: Centerline anchors to be sized according to soil torque condition. Any manufacturer's specifications for sidewall anchor loads in excess of 4,000 lbs. require a 5' anchor.
- 11. NOTE: Each system is required to have a frame tie and stabilizer attached at each lateral arm stabilizing location. This frame tie & stabilizer plate needs to be located within 18" from of center ground pan.
- 12. Select the correct square tube brace (H) length for set-up lateral transverse at support location. The lengths come in either 60" or 72" lengths. (With the 1.50" tube as the bottom tube, and the 1.25" tube as the inserted tube.)
- 13. Install the 1.50 transverse brace (H) to the ground pan connector (D) with bolt and nut.
- 14. Slide 1.25" transverse brace into the 1.50" brace and attach to adjacent I-beam connector (I) with bolt and nut.
- 15. Secure 1.50" transverse arm to 1.25" transverse arm using four (4) 1/4" 14 x 3/4" self-tapping screws in pre-drilled holes.

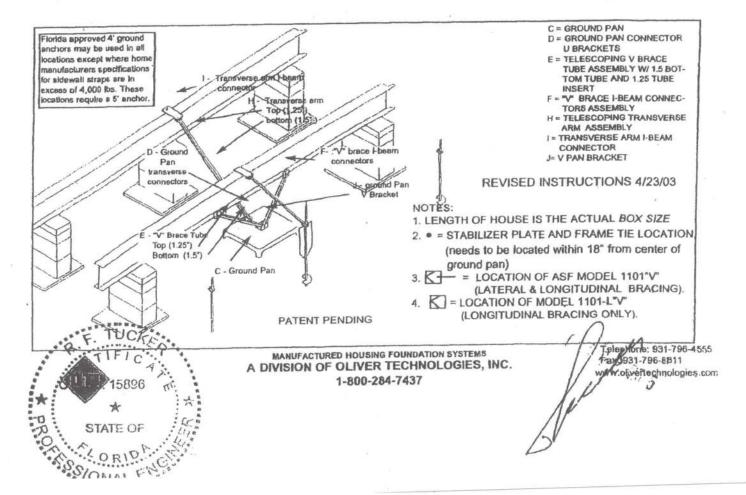


REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" BRACES FOR UP TO 4/12 ROOF PITCH





HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS 6 systems for home lengths up to 52' and 8 systems for homes over 52' and up 80'. One stabilizer plate and frame tie required at each lateral bracing system.





TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON, III
Executive Director

March 20, 2002

Mr. Bert A. Moore, Financial Manager Manufactured Housing Foundation Systems Oliver Technologies, Inc. Post Office Box 9 (467 Swan Avenue) Hohenwald, Tennessee 38462

Dear Mr. Moore:

We wish to acknowledge receipt of your specifications and test results certifying that your Longitudinal Stabilizing and Lateral Bracing System, 1101 V, listed below complies with the specifications and regulations set by the Department of Highway Safety and Motor Vehicles, Rules 15C-1.0105, 15C-1.0107 and 15C-1.0108, Florida Administrative Code.

Installation instructions must be available at the installation site.

MODEL#

DESCRIPTION

1101 V

Longitudinal Stabilizing and Lateral Bracing System

NOTE: This system is for replacement of longitudinal anchors. This system can only be used with sidewall anchor spacing of 5'4". Maximum strut angle 45°.

If you have any questions, please advise at (407) 623-1340.

Sincerely,

Phil Bergelt, Program Manager Bureau of Mobile Home and

Recreational Vehicle Construction

Division of Motor Vehicles



TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON, III Executive Director

November 22, 1999

Mr. Lon Larson, General Manager
Manufactured Housing Foundations Systems, Inc.
A Division of Oliver Technology
562 Glenheather Drive
San Marcos, CA 92069

Dear Mr. Larson:

We wish to acknowledge receipt of your specifications and test results certifying that your ABS Pad listed below, comply with the rules and regulations set by the Department of Highway Safety and Motor Vehicles, Chapter 15C-1.0103.

Based on the information submitted to this bureau, the following products are listed for use in Florida when the installation instructions are provided:

Туре	Pad configuration 1055-14	Pad Area (sq.ft)	1000	1500	2000	2500	3000	Remarks
1	15.98" x 15.98" w/2 CMU'S single column stacked	1,773	1,772	2,660	3,547	4,433	5,320	MAX = 5,320 lbs.
1	15.98" x 15.98" w/2 CMU'S double column stacked	1,773	1,778	2,660	3,547	4,433	5,320	MAX = 5,320

If you have any questions, please advise,

Sincerely,

Phil Bergelt, Program Manager

Bureau of Mobile Home and

Recreational Vehicle Construction

Division of Motor Vehicles



TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON, III Executive Director

February 18, 2000

Mr. Lon Larson, General Manager Manufactured Housing Foundations Systems Incorporated A Division of Oliver Technology 562 Glenheather Drive San Marcos, California 92069

Dear Mr. Larson:

We wish to acknowledge receipt of your specifications and test results certifying that your ABS Pads listed below, complies with the rules and regulations set by the Department of Highway Safety and Motor Vehicles, Florida Administrative Code, Rule 15C-1.0103.

Based in the information submitted to this Bureau, the following products are listed for use in Florida when the installation instructions are provided at the job site.

Foundation Pad Capacity Chart

Pad	Pad	MAX	IMUM PIER	LOADS, 1	N POUNDS	
Configuration	Area	Area So		Soil Bearing Capacity PSF		
•	(Sq.Ft.)	1,000	2,000	3,000	Remarks	
One pad 17.5" x 25.5"	3.0	3,000	6,000	9,000	MAX = 9,000	
Pad Configuration using (3) three 17.5" x 25.5"	6.0	6,000	12,000	N/A	MAX = 12,000	

NOTE: All Pad configurations are approved for single and double blocked columns.

Single block column not to exceed 8,000 pounds.

Sincerely,

Phil Bergelt, Program Manager Bureau of Mobile Home and

Recreational Vehicle Construction

Division of Motor Vehicles

PB:bsc

Revised March 17, 2000



TALLAHASSEE, FLORIDA 32399-0500

June 17, 2002

FRED O. DICKINSON, III Executive Director

Mr. Lon Larson, General Manager
Manufactured Housing Foundation Systems, Inc.
A Division of Oliver Technologies
Post Office Box 9
Hohenwald, Tennessee 38462

Dear Mr. Larson:

We wish to acknowledge receipt of your specifications and test results certifying that your 1055-20 Flex Free ABS Plastic Pad listed below complies with the specifications and regulations set by the Department of Highway Safety and Motor Vehicles, Rules 15C-1.0105, 15C-1.0107 and 15C-1.0108, Florida Administrative Code.

Based on the information submitted to this bureau, the following product is listed for sale and use in Florida when the installation instructions showing the way the pads were tested, are provided.

MODEL#	IDENTIFICATION	DESCRIPTION	AREA
1055-20	Flex Free ABS Plastic Pad	23.25" x 31.25"	4.698 sq. ft.
1055-20	Flex Flee ADS Flastic Fau	23.23 A 31.23	4.055 bq. x

MAXIMUM PIER LOADS IN POUNDS BASED ON SOIL VALUES

 PAD CONFIGURATION
 PAD AREA
 LOAD

 Pad 1
 4.698 sq. ft.
 1000 lb, soil - 4,698

 2000 lb, soil - 9,396
 2000 lb, soil - 9,396

NOTES: 1) INSTALLER IS RESPONSIBLE FOR DETERMINING SOIL BEARING CAPACITY.

2) THE PAD WAS TESTED FOR SINGLE AND DOUBLE BLOCK CONFIGURATION.

3) 8,000 LB. LOAD AND ABOVE REQUIRE DOUBLE BLOCK CONFIGURATION.

If you have any questions, please advise at (407) 623-1340.

Sincerely,

Phil Bergelt, Program Manager
Bureau of Motor Home and
Recreational Vehicle Construction
Division of Motor Vehicles



TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON, III

April 2, 2001

Mr. Lon Larson, General Manager
Manufactured Housing Foundation Systems, Inc.
A Division of Oliver Technologies
Post Office Box 9
Hohenwald, Tennessec 38462

Dear Mr. Larson:

We wish to acknowledge receipt of your specifications and test results certifying that your anohor products listed below, comply with the rules and regulations set by the Department of Highway Safety and Motor Vohicles, Chapter 15-C1.0103.

Based on the information submitted to this bureau, the following products are listed for sale and use in Florida, when the installation instructions are provided: (Strap and bolt may be used with Type I and Type II Anchors)

MODEL#	IDENTIFICATION	DESCRIPTION
OT486B	Auger Anchor	3/4"x 48" rod w/single 6" disc/ thickness 0.169" steel, dbl bolt head
OT	Strapping	1 1/4"x0.0399" galvanized flat strapping .60 oz per sq. ft.
OT	Galvanized Split Bolt	5/8"x3"x5/8" sq. shoulder with hexagon head, standard national thread, shaft saw cut

If you have any questions, I can be reached at (850) 413-7600.

Sincerely,

Phil Bergelt, Program Manager Burcau of Mobile Home and Recreational Vehicle Construction

Division of Motor Vehicles



DEPARTMENT OF HIGHWAY SAFETY AND MOTOR VEHICLES

TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON, III
Executive Director

December 20, 2000

Mr. Lon Larson, General Manager
Manufactured Housing Foundation Systems, Inc.
A Division of Oliver Technologies
Post Office Box 9
Hohenwald, Tennessee 38462

Dear Mr.-Larson:

We wish to acknowledge receipt of your specifications and test results certifying that your anchor products listed below, comply with the rules and regulations set by the Department of Highway Safety and Motor Vehicles, Chapter 15-C1.0103.

Based on the information submitted to this bureau, the following products are listed for sale and use in Florida, when the installation instructions are provided: (Strap and bolt may be used with Type I and Type II Anchors)

MODEL#	DENTIFICATION	DESCRIPTION
OT607B	Auger Anchor	3/4"x60" rod w/single 7.50" disc/ thickness 0.171" steel, dbl bolt head
OT.	Strapping	1 1/4"x0.0399" galvanized flat strapping .60 oz per sq. ft.
075-2	Calvanized Spili Boliva	thread, shaft saw cut

If you have any questions, I can be reached at (850) 413-7600.

Sincerely.

Phil Bergelt, Program Manager Bureau of Mobile Home and Recreational Vehicle Construction Division of Motor Vehicles



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

GENERAL INSTRUCTIONS:

- 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 vagetation and debris removed. Pads to be placed on evenly that ground under any place and one extends as an example and the expension and the lamperature and/or moisture content of the soil compacted soil, at or below the frost line unless otherwise protected from frost by controlling the temperature and/or moisture content of the soil underneath the home.
- 3. Pier & ped placement will be determined by the manufactured homes' written set-up instructions or any local or state codes
- 4, Center blocks on ABS pad and complete pier.
- 5. 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 occumulation of stagnant water in the pads.
- 5. A packet penetrometer may be used to determine the unconfined compressive strength of the soil if no soil testing equipment is available use an assumed soil value of 1000 lbs. I square foot.

NOTES:

- 1. All ped sizes shown are nominal dimensions and may vary up to 1/8".
- 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")
- 3. Pad loads are the same when using single stack or double stack blocks.
- 4. The maximum load at any intermediate soil value may be interpolated between the next lower and next higher soil values given in the table
- Any ABS pad configuration may be used to replace a home manufacturer's recommended concrete or wood base pad.
- 6. Steel Piers: All pads are tested with sheel piers on 1000 PSF soil density unless otherwise hoted. If required, attach with 2" #12 x %" hex tech screws. Minimum Pier Base 7 1/4". Multi-Pad configurations require a minimum 9 1/4" pier base.
- Available pads tested on 2000 PSF soil capacity using steel piers are: ID #1055-14, 1055-9, 1055-7 and 1055-13.
- 8. If soil capacities exceed 3000 psf, use the 3000 psf soil values from the table.
- 9. Any pad may be stacked directly on top of an identical pad. The second pad should also be installed flat side down. Such a configuration provides the same allowable load capacity as the single pad.

PAD SIZE	ID NO.	PAD AREA	1800 PSF	1500 PBF	2900 PSF	2500 PSF	3000 PSF
Oval 16" x 18.5"	1065-23	288 sq. in.	2000 lbs.	3000 bs.	4000 lbs.	5000 lbs.	6000 fbs
Oval 17" x 22"	1065-16	360 sq. in.	2500 lbs.	3750 bs.	5000 lbs.	6250 lbs.	7500 lbs
Oval 17.5" x 22.5"	1055-21	384 sq. in.	2667 lbs.	4000 bs.	5334 lbs.	6667 lbs.	8000 lbs
Oval 17.5" x 25.5"	1065-17	432 sq. in.	3000 lbs.	4500 bs.	6000 lbs.	7500 lbs.	9000 fbs
Oval 21" x 29"	1065-22	576 sq. in.	4000 lbs.	6000 fbs.	8000 lbs.	10000 lbs.	12000 fbs
Oval 23.25" x 31.25"	1065-20	675 sq. in.	4688 lbs.	7032 bs.	9376 lbs.	11720 lbs.	14064 lbs

048/2020 70120	ED NO.	PAD AREA	1000 PSF	1500 PSF	2900 PSF	2500 PSF	3000 PSF
Square 16' x 16'	1055-14	256 sq. in.	1778 lbs.	2664 lbs.	3556 lbs.	4445 lbs.	5333 lbs.
Square 18.5' x 18.5'	1055-9	342 sq. in.	2375 lbs.	3550 lbs.	4750 lbs.	5935 lbs.	7100 lbs.
Square 20' x 20'	1055-7	400 sq. in.	2750 lbs.	4125 lbs.	5500 lbs.	6875 lbs.	8250 lbs. *
Square 20' x 20'	1055-13	576 sq. in.	4000 lbs.	6000 lbs.	8000 lbs.	8000 lbs.	8000 lbs. *
Square 24' x 24'	1055-26	576 sq. in.	4000 lbs.	6000 lbs.	8000 lbs.	10000 lbs.	12000 lbs. *

' indicates that Piers are required to be double blocked.

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

PAD SIZE	1000 PSF	2000 PSF
Oval 16' x 18.5'	3%"	6'9"
Oval 17' x 22'	3'9"	7'6"
Oval 17.5' x 22.5'	4"0"	8'0"
Oval 17.5' x 25.5'	4'5"	8'0"
Oval 21' x 29'	6.0.	8.6



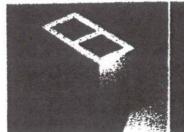


Multi-Pad Configurations

ABS Pad Types				8" Cell Block	Workers	Load
Ovel 16" x 16.5" Ped Ovel 10" x 16.5" Ped Configuration (03)	2.00 Square Feet	ND 9 1006-03	92"s 10.5" Pad (qualgulation	Single Steck Double Stack	9000 Bos / eq ft. 2000 Bos / eq ft	8000 Brs. (s
Ovel 17' x 22' Paul Ovel 17' x 22' Paul Ovel 31' x 22' Paul Configuration (00)	2.90 Square Feet A.80 Square Feet	8D # 1096-18	Pad Configuration	Single Stack Double Stack	9009 fbs / mg A 2000 fbs / mg B	9000 lbs. 9
One 25 a 25.5" Paid One 25 a 25.5" Paid Configuration (03)	3.90 Square Feet 9.00 Square Feet	ED # 1098-17	35°28.5° Pud Cardigulation	Single Stock Double Stock	1000 finis / imp fit. 2000 finis / imp fit.	12000 Bus. 6

^{*}Concrete blocks are only raised at 9800 pounds, 8601 pounds and higher must be doubte stacked.

PAD ASSEMBLY







STEP 1 - 17" x 22" ABS Pad STEP 2 - (2) 17" x 22" ABS PADS (34" x 22" Configuration)

STEP 3 - Complete Assembly 34" x 22" Multi-pad Configuration

- General instructions (on reverse) apply to all multi pad configurations.
- 2. The 32' x 18.5' pad configuration is formed by using (3) 16" x 18.5' ABS Pads. Place (2) 16" x 18.5' side by side, and place (1) 16' x 18.5' on top, laid in the opposite direction to the bottom pads.
- The 34" x 22" pad configuration is formed by using (3) 17" x 22" ABS Pads. Place (2)17" x 22" pads side by side, and
 17" x 22" pad on top. The top pad is faid in the opposite direction as the bottom pads.
- The 35" x 25.5" pad configuration is formed by using (3) 17.5" x 25.5" ABS Pads. Place (2) 17.5" x 25.5" pads side by side, and
 17.5" x 25.5" pad on top. The top pad is laid in the opposite direction to the boltom pads

STATE SPECIFIC NOTES:

TEXAS: 17.5' x 22.5' ID #1055-21 and 23.25' x 31.25' ID #1055-20 may not be installed in the State of Texas. ID#1055-26 may not be used in conjunction with metal piers.

CALIFORNIA: Use an assumed value of 1000 lb/sq ft, unless engineering and calculations are provided

ALABAMA: For the State of Alabama all ABS pads shall not have more than 3/8' deflection. See chart on page one for details on correct installation in Alabama. The 23.25" x 31.25" ID#1055-20 may not be installed in the State of Alabama



Sep 23, 2020





TALLAHASSEE, FLORIDA 32399-4580

FRED O. DICKINSON, III Ementive Director

June 7, 2000

Mr. Lon Larson
MFG. Housing Foundation Systems
Division of Oliver Technologies
P.O. Box 9, 467 Swan Avenue
Hobenwald, Tennessee 38462

Dear Mr. Larson:

We wish to acknowledge receipt of your specifications and test results certifying that your ABS Plastic Stabilizing Device listed below, complies with the rules and regulations set by the Department of Highway Safety and Motor Vehicles, Chapter 15-C1.0103.

Based on the information submitted to this bureau, the following products are listed for use in Florida using Type I and Type II anchors, when the installation instructions are provided:

10 10 5 C 图 图	The Supplemental Company	HELLING V
1055-19	Plastic Stabilizer Post	9.95 x 24 x .742 # top

If you have any questions, I can be reached at (850) 413-7600.

Sincerely,

Phil Bergelt, Program Manager Bureau of Mobile Home and

Recreational Vehicle Construction

Division of Motor Vehicles

PB:bsc



TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON Executive Director

March 7, 2003

Mr. Lon Larson, General Manager Manufactured Housing Foundation Systems, Inc. A Division of Oliver Technologies Post Office Box 9 Hohenwald, Tennessec 38462

Dear Mr. Larson:

We wish to acknowledge receipt of your specifications and test results certifying that your mobile home galvanized swivel frame clamp listed below, complies with the rules and regulations set by the Department of Highway Safety and Motor Vehicles, Rules 15C-1.0105, 15C-1.0107 and 15C-1.0108, Florida Administrative Code.

Based on the information submitted to this bureau, the following product is listed for sale and use in Florida, when the installation instructions are provided:

MODEL#	IDENTIFICATION	DESCRIPTION
OTSFT	Swivel Frame Clamp	Galvanized

If you have any questions, I can be reached at (407) 623-1340.

Sincerely,

Phil Bergelt, Program Manager Bureau of Mobile Home and

Recreational Vehicle Construction

Division of Motor Vehicles

PRB:hwj

INSTALLATION INSTRUCTIONS Solid Vinyl Skirting

Installation Details

Careful attention to a few basic details will insure that your Solid Vinyl Skirting will provide a beautiful, easily installed, completely accessible exterior with a minimum of maintenance. Solid Vinyl Skirting is easily installed over any terrain, requires few special tools and never needs painting. Following these basic installation techniques will assure that your Solid Vinyl Skirting will contribute to the beauty of your home's exterior.

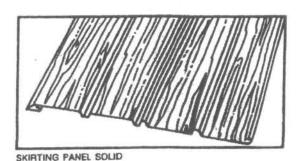
Tools You Will Need (not included)

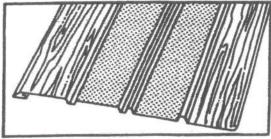
- 1. Hammers
- 2. Screwdriver
- 3. Snips
- 4. Plumb Bob or Level
- 5. Tape Measure
- 6. Power Saw with Fine Tooth Blade
- 7. SL-8P Modified Super Punch Tool (for panel tabs)
- 8. Chalk Line
- 9. Utility Knife

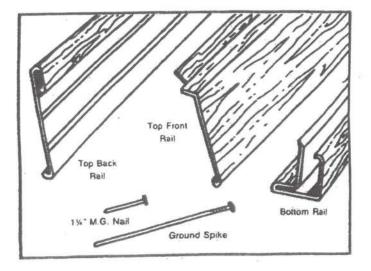
SKIRTING PANEL VENTED

IMPORTANT!!!

- 1. Use either a power saw with a fine tooth blade mounted with reverse rotation, a large paper cutter, or aviation snips to cut skirting components.
- 2. To allow for normal expansion and contraction, fasten Top Back Rail in the center of the nailing slots. Fasten positively to the surface of the unit at every other slotted hole, leaving 1/2" between lengths. Do not butt the ends. Allow 1/2"-1" between pieces of Top Front Rail. Allow 1/2" between pieces of the Bottom Rail when installing.
- 3. Do not drive nails too tightly. The 11/4" M.G. nails provided offer excellent holding power, but if driven too tightly, the vinyl can, under normal expansion and contraction, become distorted. These special nails should be driven in the middle of the nailing slot just short of touching the Top Back Rail.







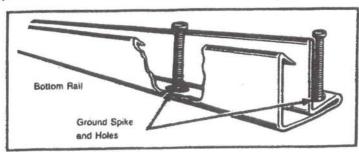
STEP 1

LAYING THE BOTTOM RAIL

NOTE: To prevent grass from growing around the base of the skirting and provide a non-shifting base for the ground spikes, 9" asphalt roof starter should be installed around the home. The roof starter also reduces the possibility of the vinyl skirting panels from being damaged from the use of a powered string trimmer (weed eater).

Using a Plumb Bob, mark a point on the ground or slab at each corner of the mobile home. Then snap a chalk line between these points to determine position of Bottom Rail.

Position Bottom Rail with the back leg on the chalk line. Secure to the ground with 7" ground spikes, at each end of the Bottom Rail and in between as needed. Holes for the ground spikes are in both the back leg and the center. Use either or both sets of holes. Drive spikes approximately every 24 inches. SEE IL-

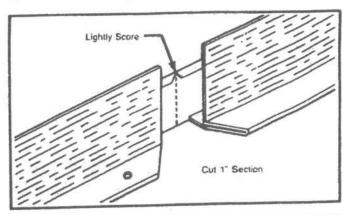


LUSTRATION ABOVE. In soft or sandy soil drive a surveying stake into the ground, then secure Bottom Rail to ground with 7 ground spike driven into stake. When securing to concrete, use masonry nails or concrete adhesive.

CORNERS — 4 prenotched Bottom Rails are included in each rail kit. Two Bottom Rails are punched at 6 feet and two at 8 feet. Use one 6' and one 8' Bottom Rail on each end of the home. On a 14' wide home, the 6' and 8' Bottom Rails should meet with little cutting.

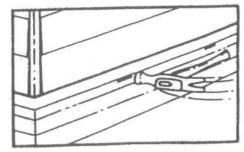
8 · { (4) (3) (4) · Wide Home (3) (8) ·

Additional corners can be formed with the Bottom Rail by cutting out a 1" section in the Rear Vertical Panel and cutting a 1" section out of the back leg. Lightly score the back of the Front Vertical Panel with a nail or pocket knife. The Bottom Rail is then bent at the desired angle.



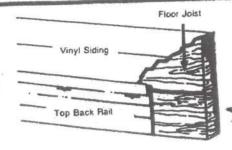
STEP 2 INSTALLING THE TOP BACK RAIL

Beginning ½" from the corner of the mobile home, position Top Back Rail with the bottom edge flush with the bottom of the mobile home. Secure to mobile home with M.G. naits making sure to nail in the center of the nail slot. Drive nails snug but not tight. (After nailing, Top Back Rail should be able to move from side to side when force is applied to it.) Continue around mobile home, always leaving ½" at the corner and ½" between any two pieces.



Special Attention

Due to different expansion / contraction rates of skirting and vinyl siding when installing Solid Vinyl Skirting to a home with vinyl siding, the Top Back Rail should be nailed to a furring strip which is nailed to the bottom of the floor joist, DO NOT ATTACH TOP BACK RAIL TO THE SIDING.



Optional Method: Drill 1" diameter hole in the siding. Install screw nail of Top Back Rail Rail in the middle of 1" hole. This allows for expansion in both siding and skirling.



STEP 3

CUTTING THE PANELS

A

First, determine the distance between the bottom of the Top Back Rail and the ground. Cut Panels 1" longer in warm weather and 2" longer in cold weather. Make several measurements to determine the degree of variance. Should you find the ground slopes, you should take a measurement every 16" (net exposure of Panel) and cut the bottom of Each Panel on the same angle as the ground. It is Imperative that the top of each Panel piece be cut square and leveled both vertically and horizontally.

Panels can be cut with tin snips, large paper cutters, or a power handsaw with a fine toothed blade mounted in the reverse position. See Figure 1.

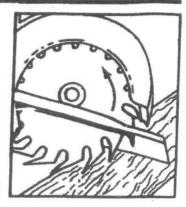


Figure 1

B

Starting at the lowest corner, cut the panel to fit the corner after determining the length as described in Step A. Form the corner by lightly scoring the back side of the Panel with a nail or pocket knife. Be careful not to cut too deeply. After scoring the Panel, bend over a sharp edge to the desired angle. In cold weather, warm Panel to room temperature before forming corner. See Figure 2.

To remove scratches on brown, heat with heat gun and rub heated area.

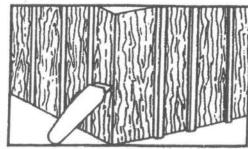


Figure 2

C

Using only a Super Punch SL-8P Modified, dimple each section of Panel with the raised dimple to outside (away from) of mobile home. Be sure dimple is next to supporting rib — not centered between ribs. Repeat dimpling operation on top edge of Panel. When inserted into top and bottom rails, these dimples will lock the Panel in place. See Figure 3.

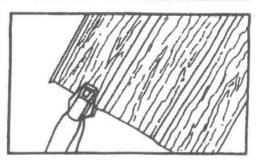


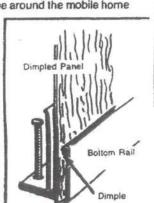
Figure 3

D

Insert dimpled Panel into Bottom Rail. Let it rest against Top Back Rail. Work your way around the mobile home from the first corner Panel installed. Cut each Panel to fit, as detailed in Step A. Connect each new Panel with the preceeding one by sliding from the top. Continue to slide the Panel down until completely inserted in the Bottom Rail. See Figure 4. DO NOT FORGET to punch each new Panel as outlined in Step C. Continue to add panel pieces in this manner until next corner is reached. Then it will be necessary to form another corner Panel as detailed in Step B. Continue around the mobile home

until you come to the last Panel. It may be necessary to cut the last Panel to fit. When cutting, be sure to overlap the adjoining Panel. Secure last Panel to overlap Panel with a series of #44 (1/8) rivets.

When installing in windy areas or when Panels are 36" or more high, use the optional 24" windguard steel rod, or install a 3/16 pre-cut steel rod from the Bottom Rail to the top of the Panel. See Figure 5. (Contact your dealer for more details.)



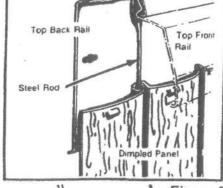




Figure 5

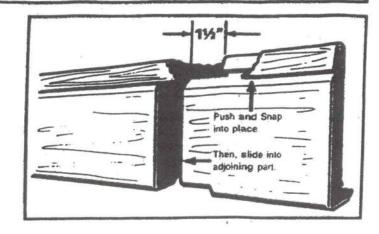
Figure 4

STEP 4 INSTALLING THE TOP FRONT RAIL

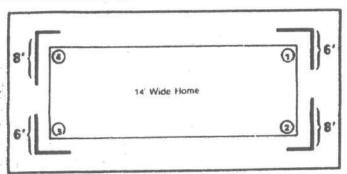
The Top Front Rail installs easily by snapping the top edge of its spring lock into the Top Back Rail. Be sure to push the Top Front Rail all the way into the Top Back Rail until it "snaps" into place.

Remaining Top Front Rail — Snap Top Front Rail into Top Back Rail. Each Top Front Rail is end notched 1½" on one end. This end notch overlaps 1" where the ends of Top Front Rails meet.

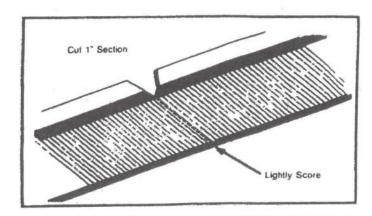
Due to expansion, do not butt ends together.



CORNERS – 4 prenotched Top Front Rails are included in each rail kit. Two Top Front Rails are punched at 6 feet and two at 8 feet. Use one 6' and one 8' Top Front Rail on each end of the home. On a 14' wide home, the 6' and 8' Top Front Rails should meet with little cutting.



Additional corners can be formed by cutting a 1" notch out of the top lip and cutting a "V" on the beveled edge.

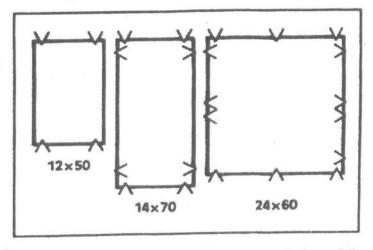


Ventilation

Where ventilation codes apply there should be a minimum of four (4) ventilated openings from under floor space to the exterior. One at or near each corner.

Ventilation codes vary by community and manufacturer. Contact your dealer to determine amount of vented panels needed to meet your code.

SUGGESTED PLACEMENT OF VENTILATED OPENINGS



Easy Access

Access can be gained at virtually any point by simply lifting the Top Front Rail and sliding out the desired number of panels. Accessibility to the area under the unit is available wherever desired.

For More Information, Call: ESI Products
303-530-1566 ● 1-800-843-3336
6676 GunPark Drive, Suite F ● Boulder, CO 80301
FAX 303-530-3820

