



Mobile Home Permit Worksheet

POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to _____ 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 350 inch pounds or check here if you are declaring 5' anchors without testing _____ A test showing 275 inch pounds or less will require 5' anchors.

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

Installer's initials PH

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name _____

Date Tested 6-27-26

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. 67

PLUMBING

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 67

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 67

Permit Number: _____

Date: _____

Site Preparation

Debris and organic material removed yes ☒ No ☐
Water drainage: Natural Swale ☒ Pad ☐ Other ☐

Fastening multi wide units

Floor- Type Fastener LAGS Length 3/8 x 6 Spacing 4'00
Walls- Type Fastener LAGS Length 3/8 x 6 Spacing 4'00
Roof- Type Fastener SCWS Length #10 Spacing 4'00

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 PH

Type gasket: _____

Foam

Installed:

Pg. 93

Between Floors yes

Between Walls yes

Bottom of ridge beam yes

Weatherproofing

The bottom board will be repaired and/or taped. _____ Yes _____ No _____
Siding on units is installed to manufacturer's specifications. _____ Yes _____ No _____
Fireplace chimney installed so as not to allow intrusion of rain water. _____ Yes _____ No _____

Miscellaneous

Skirting to be installed _____ Yes _____ No _____
Dryer vent installed outside of skirting _____ Yes _____ No _____
Range downflow vent installed outside of skirting _____ Yes _____ No _____
Drain lines supported at 4' intervals _____ Yes _____ No _____
Electrical crossovers protected _____ Yes _____ No _____
Other _____ Yes _____ No _____

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's Signature _____

Date 6-27-26

License Number: IH / 1144605 / 1 Name: DANIELA HALL

Order # 7062	Label # 130479	Manufacturer CAVCO 2020	(Check Size of Home) Single Double ☒ Triple
Homeowner: HBO Properties	Year Model 2020	Length & Width 28 x 68	HUD Label #
Address:	City/State/Zip	Type Longitudinal System OLIVER	Soil Bearing / PSF
Phone #	Type Lateral Arm System OLIVER	New Home ☒ Used Home	Torque Probe / in-lbs
Date Installed	Installed Wind Zone II	Data Plate Wind Zone II	Permit #
Note			

STATE OF FLORIDA
INSTALLATION CERTIFICATION LABEL

130479

LABEL #	DATE OF INSTALLATION
DANIELA HALL	
NAME	
IH / 1144605 / 1	7062

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.



REVISIONS

DATE

STANDARD FOUNDATION PLAN

DRAWING FILE INFORMATION

28'x68' 4BR~2BA

DRAWN BY :

RYAN GOLDEN

PRODUCT

IRON RANCH

DATE

XX/XX/XXXX

SHEET

1-A17

SERIAL NO.

DES290GA25-

UNIT NO.

290H128684A

SQ. FT. HEATED SQ. FT. 1813

TOTAL SQ. FT. 1813

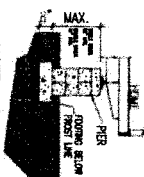
NOTE:
1. FOUNDATIONS AND ANCHORING FOR ALL CANCO HOMES MUST COMPLY WITH THE REQUIREMENTS OF THE CANCO INSTALLATION MANUAL. THIS IS NOT AN APPROVAL. DRAWING, IF DOES NOT REPRESENT THE MANUAL REQUIREMENTS, THIS IS A REPRESENTATION OF A TYPICAL FOUNDATION FOR THIS HOME.
1(a). THIS DRAWING DOES NOT ACCOUNT FOR CONDITIONS ON SITE SUCH AS SOIL LOAD CAPACITY AND GROUND LEVEL.

2. ALL PIER ARE 8"x16" (SINGLE STACK UP TO 36") AND 16"x16" (DOUBLE STACK UP TO 67") CANS ON 24"x24"x6" CONCRETE FOOTINGS (11P) AND REQUIRED ON EACH SIDE OF EXTERIOR DOORS AND OTHER SIDEWALL OPENING GREATER THAN 4'-0". (BAY WINDOWS, PAND DOORS, AIRWAY DOORS, MULTIPLE WINDOWS, PORCHES, RECESSED ENTRIES, FIREPLACES, ETC.).

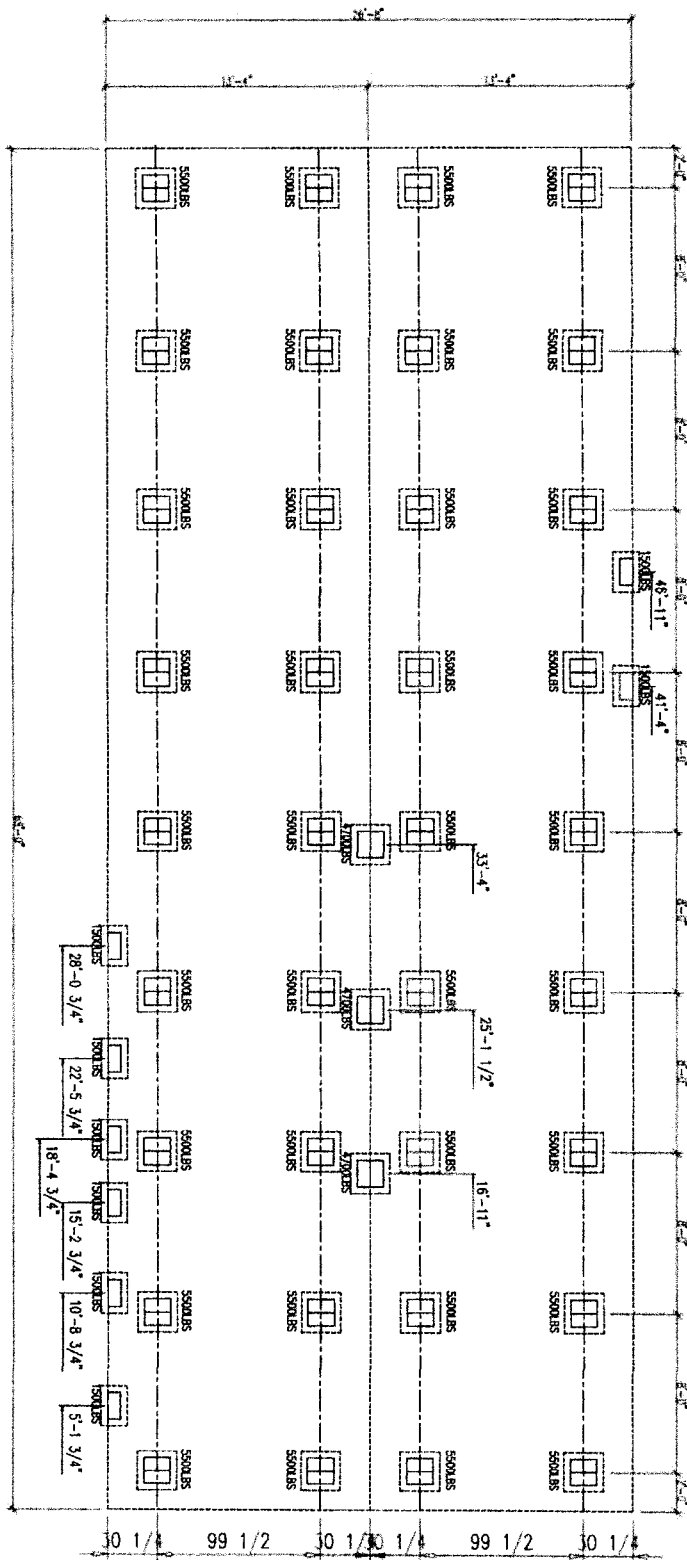
7. PER CAPACITIES 28" WIDE - 5280#
8. SOIL BEARING CAPACITY = 2000PSF MINIMUM
9. FOUNDATION TO MEET ALL APPLICABLE STATE AND LOCAL BUILDING CODES.
10. REMOVE SPRING HANGERS IF NECESSARY TO CLEAR PIERS.

11. DO NOT ALTER THE I-BEAMS, OUTRIGGERS OR CROSSMEMBERS.
12. FOR FHA APPROVAL, REFER TO THE GENERIC FHA DRAWINGS WHICH SHOW THE ENGINEERED REQUIREMENTS.

NOTE: SEE INSTALLATION MANUAL



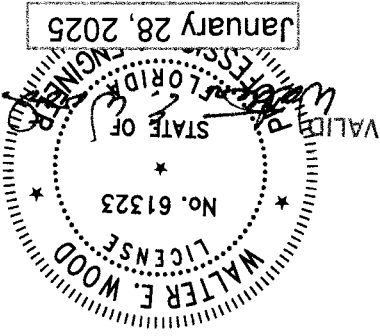
NOT TO SCALE



W.E.W.
WALTER E. WOOD, P.E.
CONSULTING ENGINEER
168 WEST LONGLEAF DR
SYLVESTER, GA 31791
FL PE LIC #61323

Walter
E. Wood

Digitally signed
by Walter E.
Wood
Date: 2025.01.28
09:59:10 -05'00'

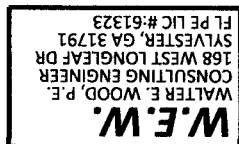


PATENT# 6634150 & OTHER PATENT PENDING

OLIVER TECHNOLOGIES, INC.
INSTALLATION INSTRUCTIONS FOR FLORIDA
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM PAN & CONCRETE (revision 5/18)

467 Swan Avenue, Hohenwald, TN 38462
Phone : (800) 284-7437
Fax : (931) 796-8811
olivertechnologies.com

OLIVER



OLIVER TECHNOLOGIES, INC.
FLORIDA INSTALLATION INSTRUCTIONS FOR THE
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM
MODEL 1101 "V" (Steps 1-14)
LONGITUDINAL ONLY: Follow Steps 1-9
LATERAL ONLY: Follow Steps 1-3 and Steps 10-14
FOR CONCRETE APPLICATIONS: Follow Steps 15-18

ENGINEERS STAMP

- 1. SPECIAL CIRCUMSTANCES:** If the following conditions occur - **STOP! Contact Oliver Technologies at 1-800-284-7437 :**
- a) Pier height exceeds 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 or below soil then install pier per manufacturer's instructions or per Florida Regs.
- SPECIAL NOTE:** The longitudinal "V" brace system may also serve 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 then remove jacks.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM (Model 1101 L "V")

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 1.75 & 2.75 A 5 FOOT ANCHOR MUST BE USED. IF PROBE TEST READINGS ARE BETWEEN 2.76 & 3.50 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.

Diagram A

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"

PIER HEIGHT 1.25" Tube Length 1.50" (40" Min. - 45" Max.) Tube Length

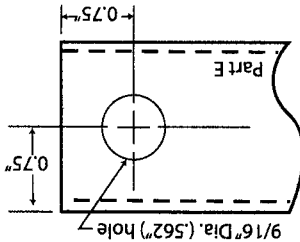


Diagram B

14" to 18"	20"	28"	39"	44"	54"
18" to 25"	28"	39"	44"	54"	
24" to 35"	39"	44"	54"		
30" to 40"	44"	54"			
36" to 48"	54"				

PIER HEIGHT 1.50" Tube Length (40" Min. - 60" Max.) Tube Length

INSTALLATION OF LATERAL TELESCOPING TRANSVERSE ARM SYSTEM (Model 1101 T "V")

THE MODEL 1101 "V" (LONGITUDINAL & LATERAL PROTECTION) ELIMINATES THE NEED FOR 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 per Florida Code.

11. 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.)
12. Install the 1.50 transverse brace (H) to the ground pan connector (D) with bolt and nut.
13. Slide 1.25" transverse brace into the 1.50" brace and attach to adjacent I-beam connector (I) with bolt and nut.
14. 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.

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 # 5162300H 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.

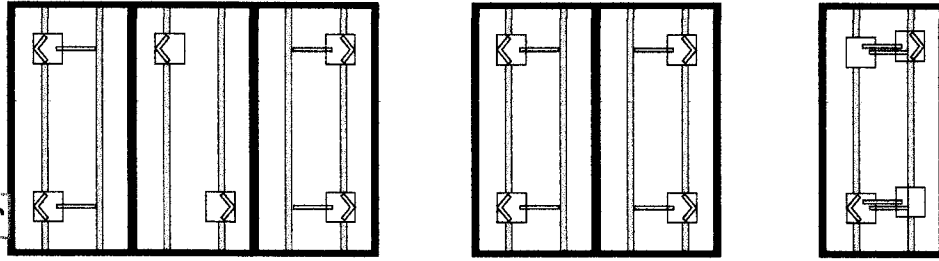
LATERAL: (Model 1101 TC "V")

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.

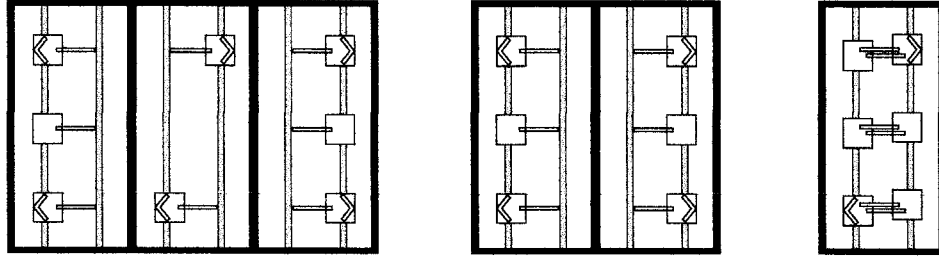
Notes:

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

ALL WIDTHS AND LENGTHS UP TO 52'



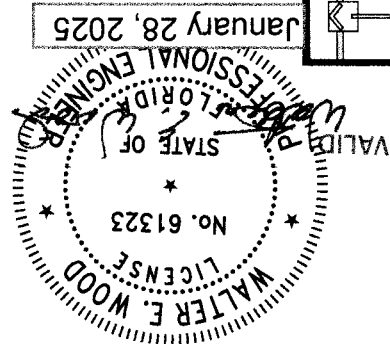
ALL WIDTHS AND LENGTHS OVER 52' TO 80"

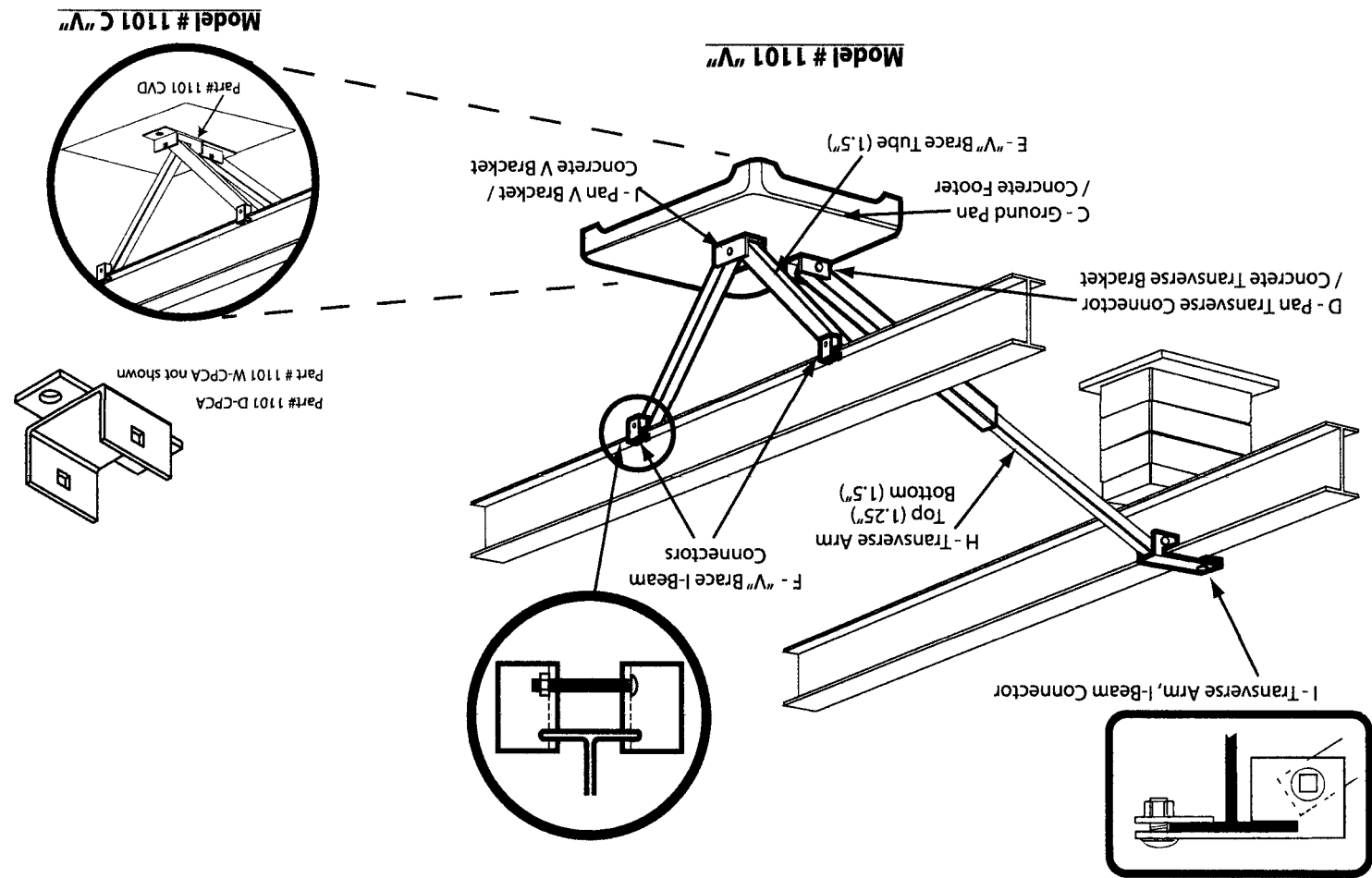


HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS

6 systems for home lengths up to 52' and 8 systems for homes over 52' and up to 80';

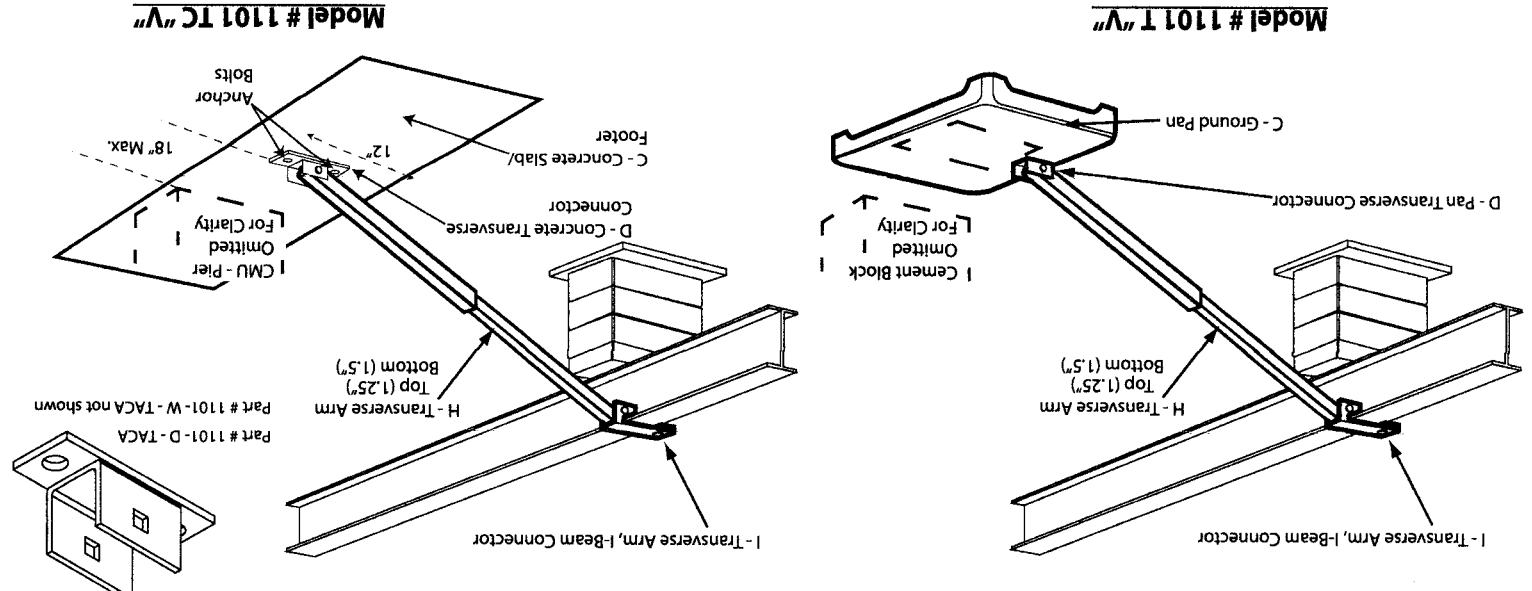
PATENT# 6634150 & OTHER PATENT PENDING





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)

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.



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 and debris removed. Pads to be placed on evenly 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 & pad placement will be determined by the manufacturer's 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 accumulation of stagnant water in the pads.
6. A pocket 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. / square foot.

NOTES:

1. All pad sizes shown are nominal dimensions and may vary up to 1/8".
2. 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 below.

5. 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 steel piers on 1000 PSF soil density unless otherwise noted. If required, attach with 2" #12 x 1/2" hex tech screws. Minimum Pier Base 7 1/4". Multi-Pad configurations require a minimum 9 1/4" pier base.

7. 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.

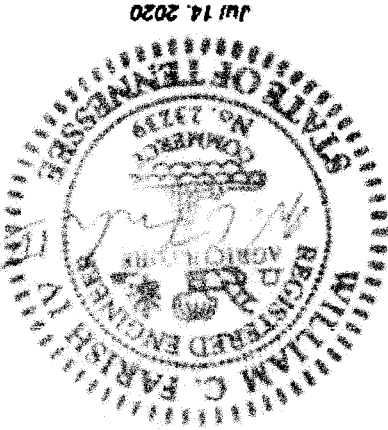
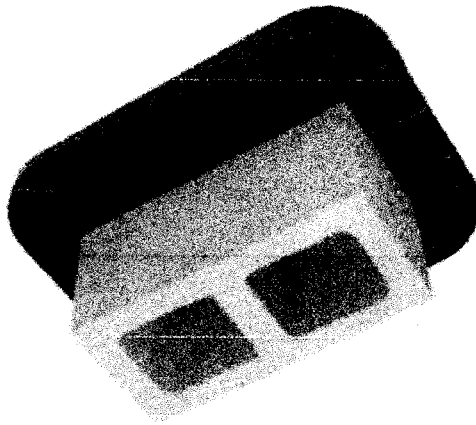
9. Any pad may be stacked directly on top of an identical pad. The second pad should also be installed flat side down. Such a configuration provides the same allowable load capacity as the single pad.

PAD SIZE	ID NO.	PAD AREA	1000 PSF	1500 PSF	2000 PSF	2500 PSF	3000 PSF
Oval 16" x 18.5"	1055-23	288 sq. in.	2000 lbs.	3000 lbs.	4000 lbs.	5000 lbs.	6000 lbs.
Oval 17" x 22"	1055-16	360 sq. in.	2500 lbs.	3750 lbs.	5000 lbs.	6250 lbs.	7500 lbs.
Oval 17.5" x 22.5"	1055-21	384 sq. in.	2667 lbs.	4000 lbs.	5334 lbs.	6667 lbs.	8000 lbs.
Oval 17.5" x 25.5"	1055-17	432 sq. in.	3000 lbs.	4500 lbs.	6000 lbs.	7500 lbs.	9000 lbs.
Oval 21" x 29"	1055-22	576 sq. in.	4000 lbs.	6000 lbs.	8000 lbs.	10000 lbs.	12000 lbs.
Oval 23.25" x 31.25"	1055-20	675 sq. in.	4688 lbs.	7032 lbs.	9376 lbs.	11720 lbs.	14064 lbs.

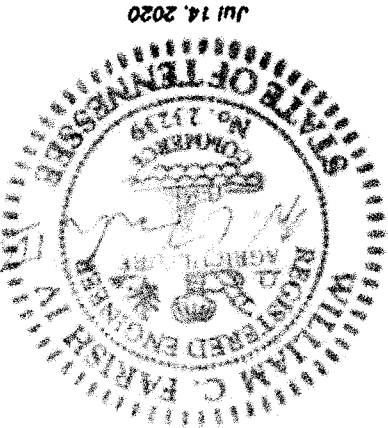
PAD SIZE	ID NO.	PAD AREA	1000 PSF	1500 PSF	2000 PSF	2500 PSF	3000 PSF
Square 16" x 16"	1055-14	256 sq. in.	1778 lbs.	2664 lbs.	3556 lbs.	4445 lbs.	5333 lbs.
Square 18.5" x 18.5"	1055-9	342 sq. in.	2375 lbs.	3550 lbs.	4750 lbs.	5935 lbs.	7100 lbs.
Square 20" x 20"	1055-7	400 sq. in.	2750 lbs.	4125 lbs.	5500 lbs.	6875 lbs.	8250 lbs.
Square 24" x 24"	1055-13	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"	3.0"	6.0"
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"	8.0"



Jul 14, 2020



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.

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

Texas. ID#1055-26 may not be used in conjunction with metal piers.

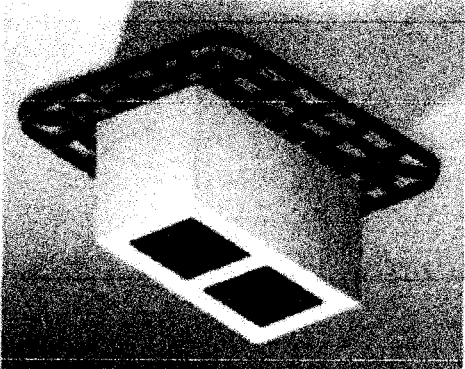
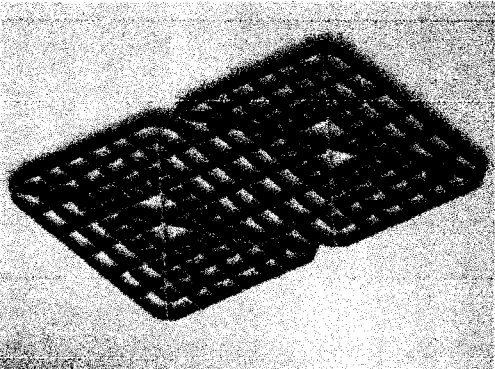
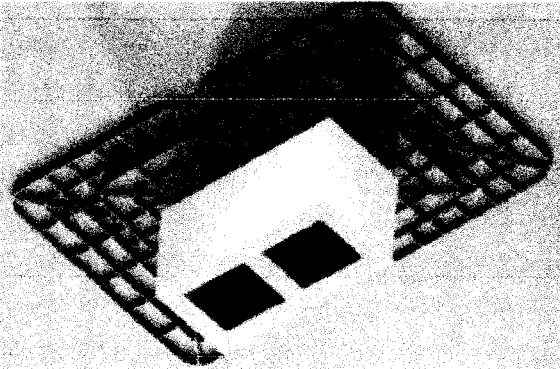
TEXAS: 17.5" x 22.5" ID #1055-21 and 23.25" x 31.25" ID #1055-20 may not be installed in the State of

STATE SPECIFIC NOTES:

1. 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.
3. 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 (1) 17" x 22" pad on top. The top pad is laid in the opposite direction as the bottom pads.
4. 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 (1) 17.5" x 25.5" pad on top. The top pad is laid in the opposite direction to the bottom pads.

NOTES:

STEP 1 - 17" x 22" ABS Pad STEP 2 - (2) 17" x 22" ABS PADS STEP 3 - Complete Assembly
(34" x 22" Configuration) (34" x 22" Multi-pad Configuration)



PAD ASSEMBLY

*Concrete blocks are only rated at 8000 pounds, 8001 pounds and higher must be double stacked.

ABS Pad Types		8" Cell Block		Soil Bearing Value	Maximum Load
Oval 16" x 18.5" Pad	2.00 Square Feet	ID # 1055-23	32" x 18.5"	Single Stack	4000 lbs.
Oval 32" x 18.5" Pad Configuration (03)	4.00 Square Feet	ID # 1055-23	32" x 18.5"	Double Stack	8000 lbs. *
Oval 17" x 22" Pad	2.50 Square Feet	ID # 1055-16	34" x 22"	Single Stack	5000 lbs.
Oval 34" x 22" Pad Configuration (03)	5.00 Square Feet	ID # 1055-16	34" x 22"	Double Stack	10000 lbs. *
Oval 17.5" x 25.5" Pad	3.00 Square Feet	ID # 1055-17	35" x 25.5"	Single Stack	6000 lbs.
Oval 35" x 25.5" Pad Configuration (03)	6.00 Square Feet	ID # 1055-17	35" x 25.5"	Double Stack	12000 lbs. *

Multi-Pad Configurations

467 Swan Avenue, Hohenwald, TN 38462
Phone : (800) 284-7437
Fax : (931) 796-8811
oliver technologies.com

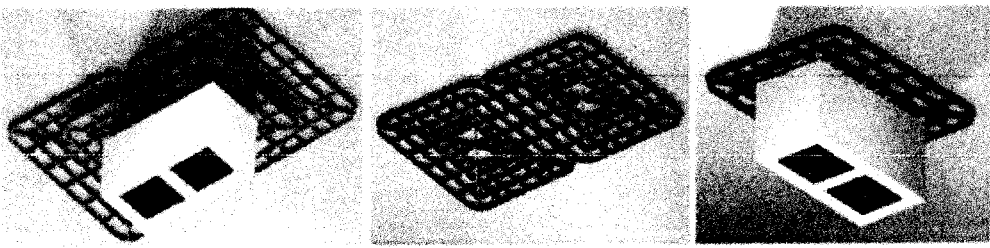
						
Three Pad Configuration						
*Concrete blocks are only rated at 8,000 pounds, 8,001 pounds and higher must be double stacked.						
Dimension (in. x in.)	Area (ft ²)	Model	Multi-Pad Configuration	8" Cell Block	Soil Bearing Value	Maximum Load
16 x 18	2	1055-23	3 Pad Configuration	Single Stack	1,000 lbs./ft ²	4,000 lbs.
32 x 18 (3 pad)	4	1055-23	3 Pad Configuration	Double Stack	2,000 lbs./ft ²	8,000 lbs.*
17 x 22	2.5	1055-16	3 Pad Configuration	Single Stack	1,000 lbs./ft ²	5,000 lbs.
34 x 22 (3 pad)	5	1055-16	3 Pad Configuration	Double Stack	2,000 lbs./ft ²	10,000 lbs.*
17.5 x 25.5	3	1055-17	3 Pad Configuration	Single Stack	1,000 lbs./ft ²	6,000 lbs.
35 x 25.5 (3 pad)	6	1055-17	3 Pad Configuration	Double Stack	2,000 lbs./ft ²	12,000 lbs.*

Table 3: Multi-Pad Configurations

Installation	Maximum Component Load (lb)
One or Two Stacked ABS Capboards	8,000
Two Stacked ABS Pier Capboards Stacked Parallel	16,000
ABS Shims (single CMU Pier, used in pairs)	8,000
ABS Shims used with ABS Cap on two stacked Parallel on Double CMU Pier	16,000

Table 2: ABS Shims and Pier Caps Design Load Capacity

All pads can be utilized with a single CMU, except where * indicates double-CMUs are required. Indicates when and at what capacities steel piers can be used.						
Model	Dimension (in. x in.)	Soil Unconfined Compression Strength (psf)			Maximum Pier Load (lb)	
		1,000	2,000	2,500	3,000	5,340
1055-14	16 x 16	1,780	3,560	4,450		6,000
1055-23	16 x 18	2,000	4,000	5,000		7,100
1055-9	18.5 x 18.5	2,375	4,750	5,935		7,500
1055-16	17 x 22	2,500	5,000	6,250		8,000
1055-21	17.5 x 22.5	2,667	5,334	6,668		8,250*
1055-7	20 x 20	2,750	5,500	6,875		9,000*
1055-17	17.5 x 25.5	3,000	6,000	7,500		12,000*
1055-13	24 x 24	4,000	8,000			14,094*
1055-26	24 x 24	4,000	8,000	10,000*		12,000*
1055-22	21 x 29	4,000	8,000	10,000*		12,000*
1055-20	23.25 x 31.25	4,698	9,396*	11,745*		14,094*

Table 1: ABS Pier Pad Single & Double CMU Pier Models and Maximum Load Capacities.

OLIVER TECHNOLOGIES, INC. Installation Instructions for 1100 Series All Steel Foundation System Wind Zones I & II

SPECIAL CIRCUMSTANCES: If the following conditions occur – STOP! Contact Oliver Technologies at 1-800-284-7437

- Any frame pier height exceeds 48"
- Roof eaves exceed 16"
- Soil conditions less than 4B
- Roof pitch greater than 7/12
- Sidewall height exceeds 9' (108")

The 1100 series ASFS Offers 3 packages:

1. 1100ITV (1 Arm/Brace – Lateral) see 1,3, 9-12
2. 1100IV (3 Arm/Brace – Lateral and Longitudinal- Replaces Pier) 1,3, 4a-8a, 9-12
3. 1100 SOLO (2 Arm/Brace – Lateral and Longitudinal) 1-3, 4b-8b, 9-12

INSTALLATION OF GROUND PAN FOR DIRT SET

1. Remove weeds and debris in an approximate 3' square to expose firm, level undisturbed soil or controlled fill for each ground pan. The 1100 Pan is equivalent to a 2'1" x 2'1" footing. Top of ground pan (C) must be installed at ground level or per local jurisdiction. Ground pan can be installed below grade and backfilled as long as a distance between top of ground pan and bottom of frame does not exceed 48".

2. If using the SOLO longitudinal brace, ensure the longitudinal hardware is installed on the correct side.

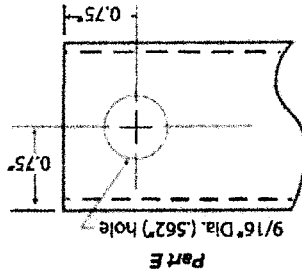
Hold lock washer flush to pan, hand tighten bolt and washer to lock washer. Hammer bolt head until washer and bolt are flush with pan. Refer to Diagram 1A.

3. Place center ground pan (C) directly below chassis I-Beam. Press or drive pan completely into soil until flush with or below soil.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: For homes with *reinforced I-beams*, the 1100-10A-P longitudinal I-beam connector will replace the standard I-beam connector.

NOTE: For homes with *double I-beams*, the extended longitudinal I-beam connector hardware will replace the standard I-beam hardware. Please refer to addendum B for proper installation.



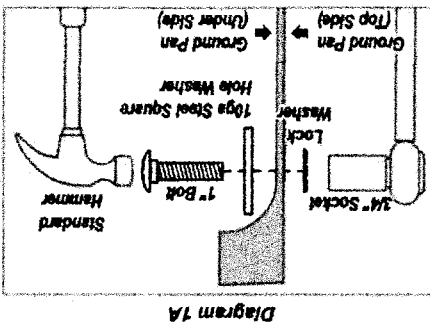
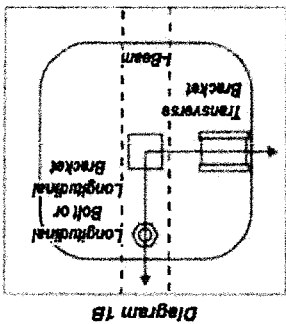
- 4a. Select the correct square tube brace (E) length for set-up (pier) height at support location.
- 5a. Install end of the 1.50" square tubes (E) into the "V" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
- 6a. Place both longitudinal I-Beam connector (F) loosely on the bottom flange of the I-Beam.
- 7a. Attach the selected 1.5" tubes (E) to the I-Beam connectors (F) and fasten loosely with bolts and nuts.

NOTE: The ground pan must be level in both directions to ensure the angle markings on the center point connector are correct from the horizontal plane of the pan. The angle is not to exceed 60° and not less than 40°. The "V" bracket is stamped with angle marks to use as a guide. Use an Angle Finder to verify proper angle. Use proper length tube or cut and drill tube to achieve proper length. (The tube may be cut using any appropriate steel cutting method such as reciprocating saw, band saw etc. New holes must be drilled to the dimension and at the location as shown for part (E).

PIER HEIGHT = The dimension from the top of the pan to the bottom of the I-Beam

Vertical pier load should not exceed 4,800lbs

PIER HEIGHT (40° MIN. - 60° MAX.)	1.50" TUBE LENGTH
14" - 18"	20"
18" - 25"	28"
24" - 35"	39"
30" - 40"	44"
36" - 48"	54"



8a. The V-brace system functions as a structural pier beneath the home and must be loaded in the same manner as all other piers. After leveling, stop approximately 1/2" before the home is fully lowered onto the piers. Tighten all hardware securely using standard hand tools, ensuring all nuts and bolts are tightened at least 1 1/2 to 2 full turns past hand tight. Once all hardware is secure, lower the home completely onto the piers to ensure full load transfer.

INSTALLATION OF 1100 SOLO LONGITUDINAL BRACE

4b. Determine the correct length of the longitudinal brace (K) to be

installed based on pier height.

5b. Make sure the longitudinal bolt (L) is centered under the I-Beam.

NOTE: It is required that each longitudinal brace is installed in opposite

directions underneath the home.

6b. Place the flattened end of the longitudinal brace over the bolt (L) on the

ground pan and loosely secure with provided nut and washer.

7b. Place both longitudinal I-Beam connectors (F) loosely on the bottom

flange of the I-Beam.

8b. Attach the opposite end of the longitudinal brace to the bottom flange

of the I-Beam using the longitudinal I-Beam connectors (F) with bolt and nut. Using standard hand tools, tighten all nuts

and bolts.

NOTE: Angle of longitudinal brace must be between 15° and 45° from horizontal plane.

INSTALLATION OF (LATERAL) TELESCOPING TRANSVERSE BRACE SYSTEM (1100 ITV)

NOTE: For homes with double I-beams, the extended lateral I-beam connector kit will replace the standard I-beam

connector in Wind Zone I. Please refer to *addendum A* for proper installation.

9. Select the correct transverse brace (H). The 60" sections are standard. The 72" sections are used on frame widths greater

than 99.5".

10. Install the 1.5" transverse brace (H) to the ground pan connector (D) with the 2.5" bolt and nut.

11. Slide 1.25" transverse brace into the 1.5" brace and attach to adjacent lateral I-beam connector (I) with 2.5" bolt and nut.

Next, install the I-beam connector over the top flange of the I-beam and secure with Flat Clamp (P) using included 1.5"

bolt and nut.

12. Secure 1.5" transverse brace using four (4) 1/4"-14 x 3/4" self-tapping screws in pre-drilled pilot holes. Drill speed should

not exceed 1,800 RPM.

INSTALLATION USING CONCRETE (ICV)

The concrete footer, runner or slab that has a minimum of 2900 cu. in., with a minimum depth of 6" at each system location.

The surface of the footing shall be large enough to support the pier load and allow at least 4" from the concrete bolt to

the edge of the concrete (ie. 22" x 22" x 6" footer). The concrete shall be a minimum of 2500 psi mix (pre-blended sacked

concrete mix is acceptable). Special inspection of footing is not required. If the 1100ITC Transverse system is to be installed

without the use of a longitudinal system, it MUST be installed on same footing within 18" of pier. Provide a minimum spacing

of 4" center-to-center between wedge bolt installations, and maintain a minimum distance of 4" from any concrete edge to the

centerline of the wedge bolt.

LONGITUDINAL (V)

When using the 1100 wet set bracket, simply install the bracket in runner/footer OR when installing in cured concrete, use the

1100 dry set bracket. The 1100 dry set bracket is attached to the concrete using (2) 1/2" x 3" concrete wedge bolts. Center

bracket under I-Beam in desired location. Mark bolt hole locations, then using a 1/2" masonry bit, drill a hole to a minimum

depth of 3". Be sure all dust is blown out of the holes. Place wedge bolts into drilled holes, then place 1100 bracket onto

wedge bolts and start wedge bolt nuts. Take a hammer and lightly drive the wedge bolts down by hitting the nut (Do not hit the

top of threads on bolt). Complete by tightening the nuts.

LONGITUDINAL (SOLO) – Dry Concrete Only

Position longitudinal concrete bolt for installation and drill 1/2" hole. 3" deep into concrete. Make sure that the longitudinal bolt

is centered under the I-Beam. Be sure all dust is blown out of the holes. Place wedge bolt into drilled hole. Make sure starter

nut is threaded onto wedge bolt. Then, lightly hammer wedge bolt into concrete. Leave approximately 1" of wedge bolt threads

above surface. Remove starter nut from wedge bolt and follow applicable instructions based on system being installed.

LATERAL (Transverse Brace)

For wet set installation set the transverse connector bracket into runner/footer at desired location. For dry set installations, the

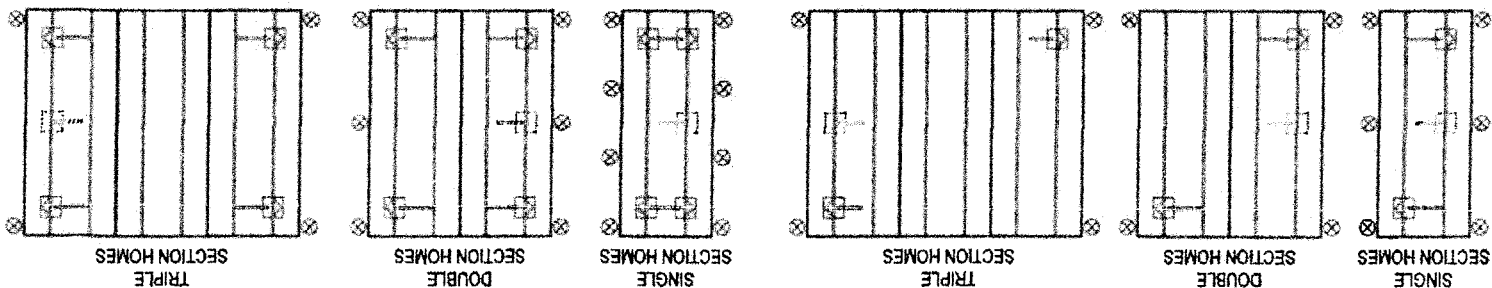
transverse connector bracket is attached to the concrete using (2) 1/2" x 3" concrete wedge bolts. Mark bolt hole locations,

then using a 1/2" masonry bit, drill a hole to a minimum depth of 3". Be sure all dust is blown out of the holes. Place wedge

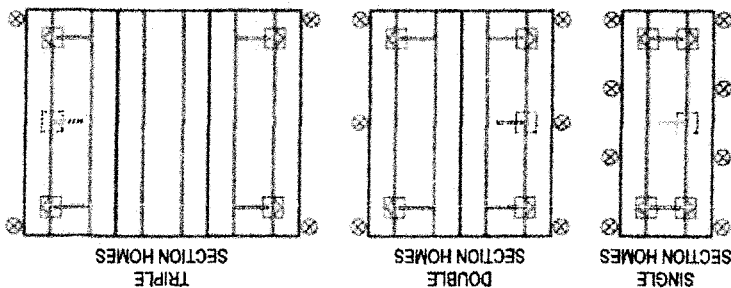
bolts into drilled holes, then place transverse connector bracket onto wedge bolts and start wedge bolt nuts. Take a hammer

and lightly drive the wedge bolts down by hitting the nut (do not hit the top of threads on bolt). Complete by tightening the nuts.

REQUIRED NUMBER AND LOCATION OF MODEL
1100 SERIES BRACES FOR 4/12 & 5/12



REQUIRED NUMBER AND LOCATION OF MODEL
1100 SERIES BRACES FOR 6/12 & 7/12



LEGEND

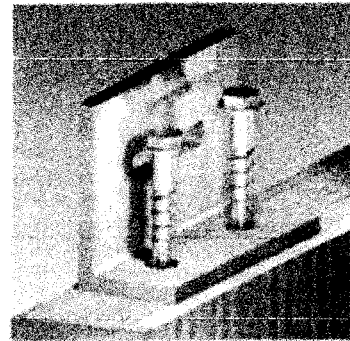
1. Location of ASF Model 1100 (Lateral and Longitudinal Bracing) or 1100 T (Lateral only) up to 76'. For homes longer than 76' or with roof pitches ranging from 4.37/12 (20°) to 5/12, an additional ASF Model 1100 T System (Lateral only) must be positioned at roughly the midpoint of the house. This additional system can be mounted on either exterior beam. See illustration above.
2. Installation on all homes require a minimum number of uplift anchors in WZ 1 for enhanced wind protection. Strap angle 75-90°. Check anchor tables for details.
3. For homes longer than 76' or with roof pitches ranging from 4.37/12 (20°) to 5/12, an additional ASF Model 1100 T System (Lateral only) must be positioned at roughly the midpoint of the house. This additional system can be mounted on either exterior beam. See illustration above.

Wind Zone 1 Vertical Anchor Table

4:12 Roof Pitch				5:12 Roof Pitch				6:12/7:12 Roof Pitch			
Home Section	Home Width	Home Length (Act. Box Size)	Anchors Per Side	Home Section	Home Width	Home Length (Act. Box Size)	Anchors Per Side	Home Section	Home Width	Home Length (Act. Box Size)	Anchors Per Side
Single	12' (Nominal)	up to 63'	3	up to 55'	4	up to 45'	4	up to 45'	4	up to 45'	4
	140"	64'-90"	4	56'-74'	5	46'-62'	5	46'-62'	5	46'-62'	5
	75'-90"	75'-90"	6	63'-78'	6	63'-78'	6	63'-78'	6	63'-78'	6
	14'-18' (Nominal)	up to 73'	3	up to 58'	4	up to 47'	4	up to 47'	4	up to 47'	4
Double	20' (Nominal)	up to 90'	2	up to 90'	3	up to 90'	3	up to 90'	4	up to 90'	4
	(2)118"	24'-32' (Nominal)	2	up to 90'	2	up to 85'	3	up to 85'	3	up to 85'	3
	(2)140" to (2)186"	up to 90'	2	up to 90'	2	86'-90'	4	86'-90'	4	86'-90'	4
	36'-48' (Nominal)	up to 90'	2	up to 90'	2	up to 90'	2	up to 90'	2	up to 90'	2
Triple	(3)140" to (3)186"	up to 90'	2	up to 90'	2	up to 90'	2	up to 90'	2	up to 90'	2

IMPORTANT: System Uplift Anchors are to be installed to the bottom of the rim joist with a 3150 lb. rated bracket and lag bolts, not to the I-Beam. Corner anchors should be installed within 2' of the end of the home and any additional anchors installed as evenly as possible per side.

NOTE: Alternative strapping methods are also approved to protect against uplift, including moving sidewall brackets and vertical straps inward up to 10" and locating the sidewall bracket on a floor joist. In addition to the required number of anchors listed on the Wind Zone 1 Vertical Anchor Table, one additional anchor per side is required on single section homes with roof pitches of 5/12 and 6/12. Two additional anchors per side are required on single section homes with a roof pitch of 7/12 or greater. Single section homes with a roof pitch lower than 5/12 and Multi Section homes require no additional anchors when relocating sidewall brackets.

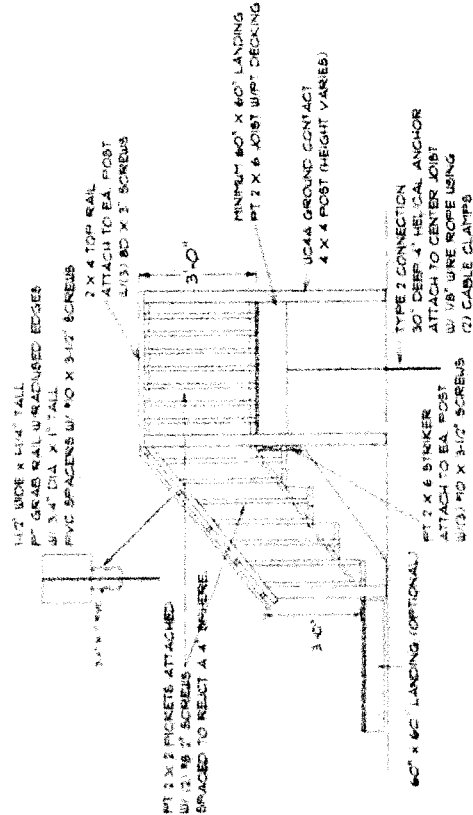


INSTALLATION OF THE OT SWB SIDEWALL BRACKET

1. Locate the desired location under home, on underside of the rim or floor joist.
2. Position sidewall bracket with two holes centered on joist. Orientation of sidewall bracket does not affect performance.
3. Mark the center of both holes and pre-drill two pilot holes using a 15/64" drill bit.
4. Install (2) two lag bolts into pre-drilled holes to secure sidewall bracket.
5. Minimum size: 3/8"-7 x 3 1/2" with a minimum of 3 1/4" threads.

Refer to anchor and strapping installation instructions for proper installation of anchor and strap.

NOTE: The OT SWB sidewall bracket can be used in place of any sidewall or marriage line bracket that is rated at or below 3150 lbs. working load.



NOTES:

1. STEPS HAVE A MIN. 60" X 60" LANDING
2. STEPS HAVE A RISER HEIGHT OF BETWEEN 6.75" TO 7.75"
3. HANDRAIL HEIGHT 36"
4. STEPS TO HAVE MIN. 10" TREAD DEPTH.
5. PICKETS TO BE SPACED TO REJECT A 4" SPHERE
6. STEPS TO MEET TREAD TO RISER RATIO-
 $2 \text{ RISES} + 1 \text{ TREAD} = 24" - 25"$
7. FLIGHT OF STAIRS NOT TO HAVE VERTICAL RISES GREATER THAN 12' BETWEEN LANDINGS.

60" x 60" STEPS

STEP RITE SOLUTIONS

PHONE
FAX
MOBILE

RAY E. SNYDER JR. #3574
P.O. BOX 1
SUGANNEE, AL 36922
352-36-356

PAGE 2/2
60 INCH STEPS

DRAWN BY DKF
SCALE 3/4" = 1'-0"
DATE Wednesday, November 6, 2024

1992 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 105

Vinyl Skirting Installations

Installation Details

Careful attention to a few basic details will insure that your vinyl skirting will provide a beautiful, easily installed, completely accessible exterior with a minimum of maintenance. Vinyl skirting is easily installed over any terrain, requires no special tools and never needs painting. Following these basic installation techniques will assure that our skirting will contribute to the beauty of your home's exterior.

Tools you will need

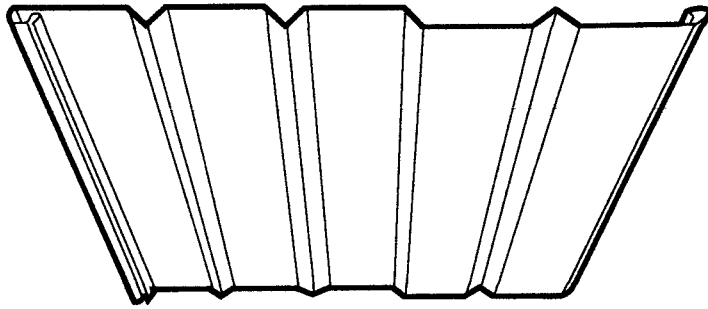
Hammer • Screwdriver • Snips • Plumb Bob or Level • Tape Measure
Power Saw with Fine Tooth Blade • Snap Lock Tool • Chalk Line
• Utility Knife

Important

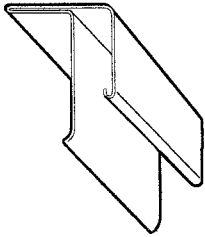
1) Use either a power saw with a fine tooth blade mounted with reverse rotation, or aviation snips to cut skirting components.

2) To allow for normal expansion and contraction, fasten the Top Trim Back component(s) in the center of the nailing slots. Fasten positively to the surface of the unit at every slotted hole, leaving 1/2" between lengths. **Do not butt the ends.** Overlap the Top Trim Front component(s) approximately 1" at joints. Allow 1/2" between pieces of the Bottom Channel component(s) when installing.

3) **Do not drive the fasteners too tightly.** Nails or screws offer excellent holding power, but if driven too tightly, the vinyl can, under normal expansion and contraction, become distorted. These fasteners should be driven in the middle of the nailing slot just short of touching the Top Trim Back component(s). Nail or screw to achieve 3/4" penetration into a solid wood substance. Fasten to allow part to expand and contract during the normal change in ambient temperature. **Do not fasten tight.** Allow 1/16" gap between fastener head and part.



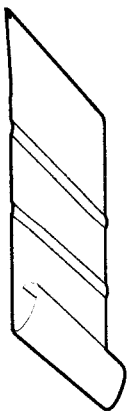
Skirting Panel



Bottom Channel Component



Top Trim Front Component



Top Trim Back Component

Step 1...

Laying the Bottom Channel Components

A level or plumb line should be used to establish the location of the Bottom Channel. The taller backside of the Bottom Channel should be located directly beneath the outside bottom edge of the home, where the Top Trim Back component will be attached (*see figure 1*). 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 being damaged from the use of a powered string trimmer. "Weed-Eater" type trim units will damage the skirting and is not covered by the warranty.

Attach the Bottom Channel component directly to the ground through the prepunched holes (*see figure 2*). Spikes are required every 24 inches...extra holes are provided in the Bottom Channel component for convenience. Another spike or a drift punch may be used to drive spikes in completely. To allow for expansion, leave a 1/2" gap between each section of the Bottom Channel component. To form clean, attractive corners, the Bottom Channel component can be notched with snips (*see figure 3*) and then bent to the desired angle. (*Attached to the ground as shown in figure 4*).

Note: in high wind areas; where ground below the unit is spongy; or where ground is loose from recent excavation and has not yet settled, it is advisable to fasten bottom channel to treated wooden stakes. For installation on concrete, use 3/4" masonry nail instead of ground spike. "Liquid Nail" cement or other similar methods of setting a fastener directly to concrete can also be used.

Step 2...

Mounting Top Trim Back Components

First determine where the Top Trim Back component(s) will mount on the lower part of the home. The bottom edge of the Top Trim Back component can extend below the bottom edge of the home if there is a solid support for nailing and a solid bearing for the Top Trim Front component against the side of the home. It is helpful to mark a line around the bottom of the home with a chalk line or other method to assure a straight line where the Top Trim Back component is to be installed.

The Top Trim Back component is installed by driving the fasteners in the middle of every slot (*see figure 5*). **Do not fasten tightly!** (see fastening instructions on front page.) **Do not cut Top Trim Back components at the corners.** Gently bend over a sharp edge of a cutting table or a similar surface to form a corner (*see figure 6*).

If the installation is made in extremely cold weather, the vinyl should be warmed to room temperature before bending. Warming will avoid the likelihood of cracking.

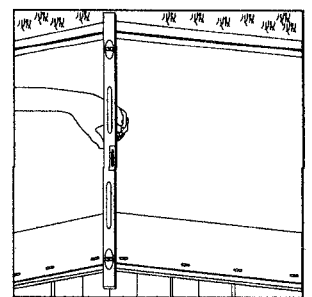


Figure 1

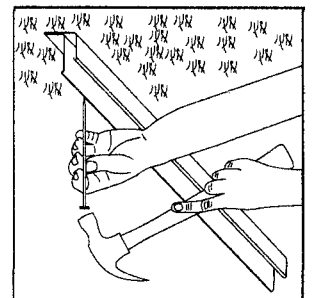


Figure 2

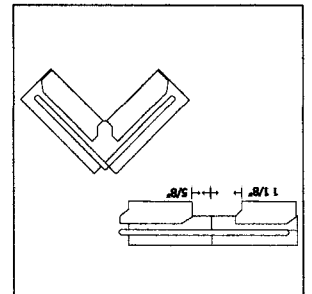


Figure 3

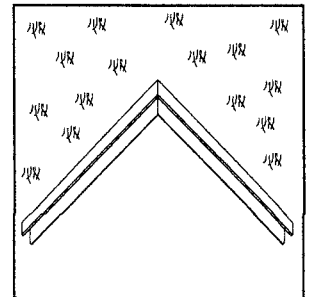


Figure 4

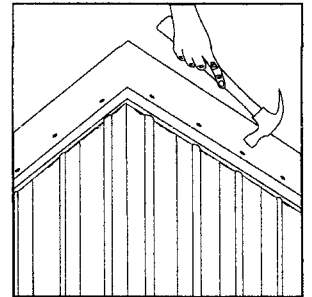


Figure 5

Step 3...

Cutting Top Trim Back Components

The Top Trim Back component is constructed with two parallel ridges at intervals below the nailing slots (*see figure 7*). These ridges may be used to measure the distance from the ground to the lower ridge. In cold weather, measure to the top ridge; in warm weather, measure to the bottom ridge. If the ground is level, several panels may be cut at one time using a hand power saw. **Remember, if a power saw is to be used, mount a fine-toothed blade in reverse position** (*see figure 8*).

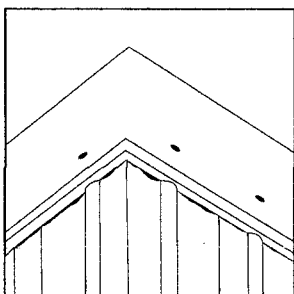


Figure 6

Locking the Skirting Panels

A snap lock tool is used to punch locking tabs on the outside bottom edge of each skirting panel (*see figure 9*). When the panel is installed, it becomes locked in the Bottom Channel component. This feature assures retention of the panel in the Bottom Channel. **Note:** When installing in a high wind area, you may also punch locking tabs at the top of the panel for added locking strength.

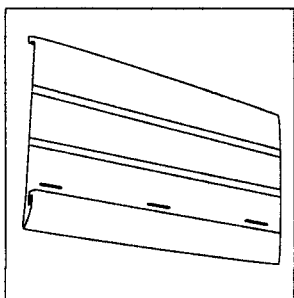


Figure 7

Self-aligning panels easily snap and slide into place (*see figure 10*). Be certain that each skirting panel positively interlocks with the skirting panel adjoining it.

Note: (above 36" panel height, a framing support system should be considered.)

Installing the Skirting Panels

Panel can be installed by setting into the Bottom Channel and leaning against the top trim back. Lock the next panel as shown in figure 10. Panels should not be cut but bent around corners as shown in figure 11.

Fitting Skirting Panels Around Service Connections

Cutting and fitting to virtually any shape or radius is easily done with Vinyl Skirting. Using aviation snips, cut the panel to fit around the connection. Cut the panel from the side – **not from the top or bottom**. Keep snip points open as if cutting cloth to avoid cracking panels.

CAUTION

Proper installation of manufactured home skirting requires that the Top Back component be fastened loosely so the panel will slide freely in the nail slots. This can be accomplished by leaving the fastener 1/16" to 1/8" from the face of the panel. The fastener must penetrate a solid surface by 3/4".

Do not place outdoor cookers near the vinyl skirting because the heat will distort the panels. Any heat source must be kept away from the panels or damage may occur.

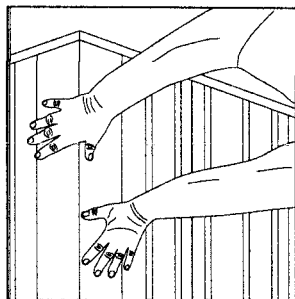


Figure 11

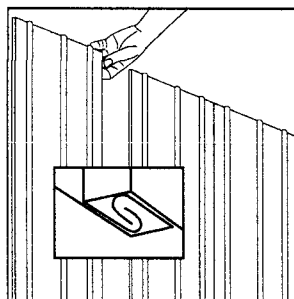


Figure 10

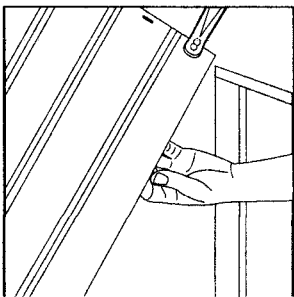


Figure 9

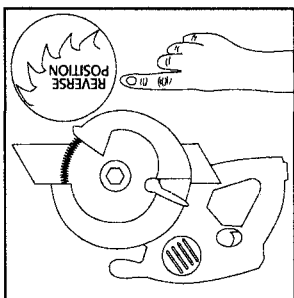


Figure 8

Step 4...

Installing the Top Trim Front Component

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

Each of the 15 pieces of the Top Trim Front components in the trim kit are notched 2" on one end (see figure 12) to permit overlapping. Overlap ends of adjoining Top Trim Front component(s) approximately 1".

Cutting Additional Corners

If inside corners are needed, trim strips can be easily cut with aviation snips to form attractive corner joints by cutting a 45° mitre on adjacent ends and butting. If extra outside corners are required (for porches or add-on rooms), notch the trim strips as shown (see figure 13), bend around the corner and snap into place. Allow at least 3' of trim strip on each side of the corner.

Easy Access

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

Final Configuration

Please review the drawing to the right that shows how the components and skirting panels look after installation is complete.



V-Guard Installation - (if applicable)

Installing the V-Guard Component

V-Guard Vinyl Skirting Protector component(s) installs easily by

snapping the bottom edge of its spring lock into the Bottom Channel component. Be sure to push the V-Guard trim all the way into the Bottom Channel component until it "snaps" into place. (see figure 14)

Cutting additional corners

If inside corners are needed, V-Guard trim can be easily cut with aviation snips to form attractive corner joints by cutting a 45° mitre on adjacent ends and butting. If extra outside corners are required (for porches or add-on rooms), notch the V-Guard trim component, bend around the corner and snap into place. Allow at least 3' of V-Guard component trim on each side of the corner.

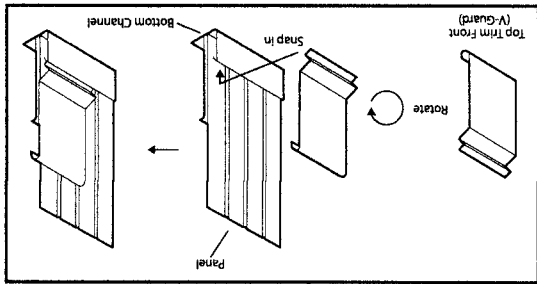


Figure 14

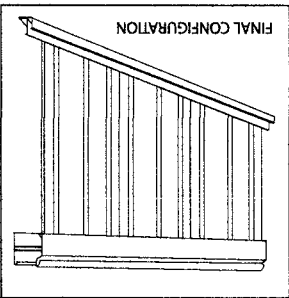


Figure 13

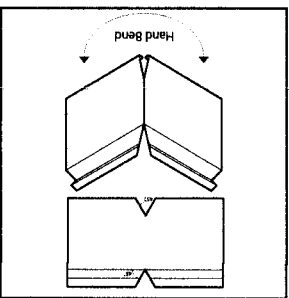


Figure 12

