PERMIT NUM	BER Applica	ation #70357									
Installer RICH	ARD RAYBORN	License#	IH 1025	5436	New Home	\checkmark	Used Home				
Installer Mobile Pho	one #35	2-257-1282	_		Home installed	I to the M	anufacturer's Ins	stallation Ma	anual	V	Í
Address of home	15262 SE Tuste	enuggee Ave			Home is installed	ed in acc	ordance with Ru	le 15-C			•
being installed	Fort White				Single wide		Wind Zone II		Wind Zon	e III	ļ
Manufacturer	CHAMPION	Length x width	14 X	K 56	Double wide	VZ Ç	Installation De	cal # <u>11</u>	55663		
	ne is a single wide fill ne is a triple or quad w				Triple/Quad		Serial# <u>F</u>	L261-00	0-HB	205134/	4
	-				Roof System:_	т	ypical	Hinged	ىد	U	W
	eral Arm Systems cann all ties exceed 5 ft 4 in.	ot be used on any ho	me (new c			PIER S	PACING TABLE	FOR USE	D HOME	S	
Typical pior appain		Installer's initia	ls	<u>RR</u>	Load Footer bearing size	16" x 16"		20" x 20"	22" x 22"	24" X 24"	26" x 26"
Typical pier spacing	lateral				capacity (sq in)	(256)	1/2" (342)	(400)	(484)*	(576)*	(676)
2'	Sho	w locations of Longit	udinal and	Lateral Systems	1000 psf 1500 psf	3' 4' 6"	4' 6'	5' 7'	6' 8'	7' 8'	8' 8'
	longitudinal	(use dark lines to sh			2000 psf	6'	8'	8'	8' 8'	8' 8'	8'
					2500 psf 3000 psf	7' 6" 8'	8' 8'	8' 8'	8'	8'	8' 8'
			П		3500 psf * interpolated from	8' Rule 15C	8' -1 pier spacing tal	8' ble.	8'	8'	8'
		}			. Г		AD SIZES		POP	ULAR PAI) SIZES
_ ' _			_	_ ' _	I-beam pier pad	d size	17 x 25			ad Size	Sq In
	- 		++-	++-+-	Perimeter pier	pad size	_	_		6 x 16 6 x 18	256 288
Centerli	ine spacing				Other pier pad	cizec	_	_		.5 x 18.5 3 x 22.5	342 360
Every 8	' unless openings gre	eater than 4' on 17	x 25 ABS	, <u> </u>	(required by the				1	7 x 22	374
			П	п/п	;¨' ¡''' ; Draw th	ne approx	imate locations	of marriage		/4 x 26 1/4 20 x 20	348 400
				-11/-11			foot or greater. the piers.	Use this		<mark>6 x 25 3/1</mark> 2 x 25 1/2	
		marriage wall piers within	2' of end of hom	ne per Rule 15C	,		·	4.5	2	24 x 24	576
		}			and their pier p		enings greater the below.	1an 4 100t		26 x 26 ANCHOR	676
					Opening		Pier pad siz	e		ANOTION	<u> </u>
					Doors		16 x 16		4 ft	5 ft	
										FRAME T	ES
										2' of end o	
					Т	IEDOWN	COMPONENTS			OTHER TIE	S Number
					Manufacturer	Stabilizin	ng Device (LSD) ng Device w/ La		Sidewa Longitu Marriao Shearv	ıdinal ge wall	11

PERMIT NUMBER

POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to 1500 psf or check here to declare 1000 lb. soil without testing.

x 1500

x 1500

x 1500

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.

X1500

X <u>1500</u>

x 150

TORQUE PROBE TEST

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

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

RR Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name

RICHARD RAYBORN

Date Tested

3/25/25

Electrical

Connect electrical conductors between multi-wide units, but not to the main power source. This includes the bonding wire between mult-wide units. Pg. ____3

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 2

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. ____3

		Oito i ropara	1011					
	nd organic material rer ainage: Natural	noved Swale	Pad	Other				
	Fa	astening multi w	vide units					
Floor: Walls: Roof:	Type Fastener: Lags Type Fastener: Lags Type Fastener: Lags For used homes a n will be centered over roofing nails at 2" on	nin. 30 gauge, the peak of the	ଷ" wide, (e roof an	gaivanized metai strip d fastened with galv.				
	Gas	ket (weatherproofin	ng requireme	nt)				
I understand a properly installed gasket is a requirement of all new and used homes and that condensation, mold, meldew and buckled marriage walls are a result of a poorly installed or no gasket being installed. I understand a strip of tape will not serve as a gasket. Installer's initials Type gasket Foam Installed: Between Floors Yes Between Walls Yes								
Pg. <u>3</u>		Botwoo	Retween Walls Ves					
Between Walls Yes Bottom of ridgebeam Yes								
Weatherproofing								
The bottomboard will be repaired and/or taped. Yes Pg. 3 Siding on units is installed to manufacturer's specifications. Yes Fireplace chimney installed so as not to allow intrusion of rain water. Yes								
Miscellaneous								
	Skirting to be installed. Yes No Dryer vent installed outside of skirting. Yes N/A							

Site Preparation

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

Installer Signature Richard Rayborn

Range downflow vent installed outside of skirting. Yes ______

Drain lines supported at 4 foot intervals. Yes V Electrical crossovers protected. Yes V

Other:

Gaffney

Prime Series

746 SQ. FT. (Approximate) 2 Bedroom, 2 Bath



Last Updated: 1-8-25





FactoryHomeSale.com 1-800-965-3052

IMPORTANT: Champion Homes reserves the right to modify, cancel or substitute products or features of this event at any time without prior notice or obligation. Pictures and other promotional materials are representative and may depict or contain floor plans, square footages, elevations, options, upgrades, extra design features, decorations, floor coverings, specialty light fixtures, custom paint and wall coverings, window treatments, landscaping, sound and alarm systems, furnishings, appliances, and other designer/decorator features and amenities that are not included as part of the home and/or may not be available at all locations. Home, pricing and community information is subject to change, and homes to prior sale, at any time without notice or obligation. @2021 Champion Homes. All rights reserved.

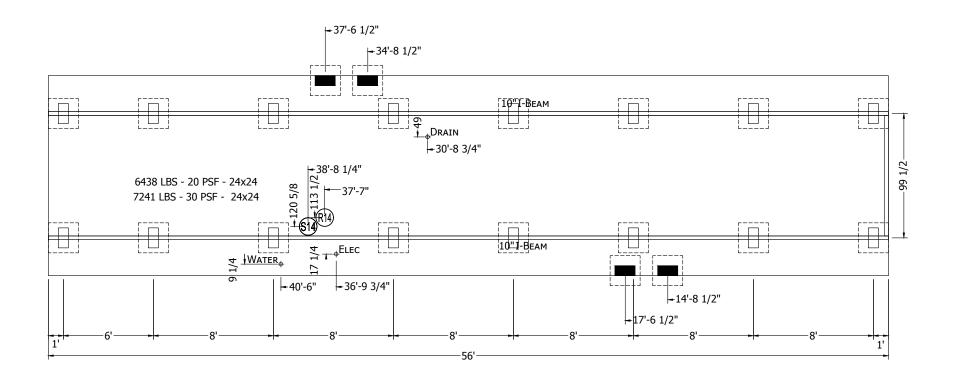
MANUFACTURED BY:



I authorize Champion Homes Center to build my house, per this plan.

x Cay bull - Kall

01/15/25



MANUFACTURER DISCLAIMER NOTICE: (THIS PIER PRINT IS FOR HOMES PRODUCED ON OR AFTER JUNE 1ST 2006)

PLEASE READ AND UNDERSTAND THE FOLLOWING INFORMATION. THE MANUFACTURER DOES NOT DO FOUNDATION INSTALLATION OF HOMES. IT WILL BE THE RESPONSIBILITY OF THE DEALER/SITE CONTRACTOR TO INSURE THAT ALL SITE WORK WILL CORRELATE WITH THE UNIT ORDERED.

NOTICE TO HOME INSTALLERS: MANUFACTURED HOMES WEIGH SEVERAL TONS. DO NOT ATTEMPT TO INSTALL ANY HOME ON SITE WITHOUT HAVING EXPERIENCE, KNOWLEDGE, AND UNDERSTANDING OF ALL INSTALLATION REQUIREMENTS. FAILURE TO MEET THESE REQUIREMENTS MAY RESULT IN SERIOUS INJURY OR DEATH TO AN INEXPERIENCED INSTALLER. INSTALLERS: PLEASE READ AND UNDERSTAND THE SET-UP AND INSTALLATION MANUAL SUPPLIED WITH THE HOME BEFORE ATTEMPTING ANY INSTALLATION OF ANY MANUFACTURED HOME.

= Frame Pier
See Installation Manual for
Loads:

= POINT LOAD PIER

- 1) THE MANUFACTURER ASSUMES NO RESPONSIBILITY FOR ACTUAL FOUNDATION DESIGN AND CONSTRUCTION.
- 2) ADDITIONAL BLOCKING IS REQUIRED AT EACH SIDE OF EXTERIOR DOORS AND AT EACH SIDE OF SIDEWALL OPENINGS GREATER THAN 4 FEET IN WIDTH (I.E., PATIO DOORS, PICTURE WINDOWS, ETC.).
 3) FOR PIER REQUIREMENTS AT ENDWALL SEE FIGURE 8 IN THE INSTALLATION MANUAL.
- 4) ALL DWV, PLUMBING, GAS SUPPLY, ETC., DIMENSIONS ON PRINT MAY BE + OR 12".
- 5) IT WILL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR TO VERIFY THE PROPER LOCATION OF COLUMN SUPPORT BLOCKING AND TO VERIFY THE PROPER MATING LINE GROWTH DIMENSIONS BASED UPON ACTUAL SITE CONDITIONS AND REQUIREMENTS (DOUBLE WIDES ONLY).
- 6) ALLOW 1/2" AT MATING LINE FOR MATE UP GROWTH.
- 7) SEE SET-UP AND INSTALLATION MANUAL FOR PERIMETER BLOCKING REQUIREMENTS.

PERMANENT FOUNDATIONS: CHECK LOCAL BUILDING CODES AND REGULATIONS AND CONSULT A REGISTERED PROFESSIONAL OR STRUCTURAL ENGINEER WHEN YOU ARE SITING YOUR HOME ON A PERMANENT FOUNDATION (SUCH AS A FULL BASEMENT, CRAWL SPACE, OR LOAD BEARING PERIMETER FOUNDATION).

261-1456H22P01 56'-0" x 13'-4" MODIFICATIONS CHAMPION PIER PR-101 **FOUNDATION** 2 BD 2 BT **PLAN** MANUFACTURED BEAUTIFULLYM DRAWN BY: Rod FILENAME: 1456H22P01 PROPRIETARY AND CONFIDENTIAL THESE DRAWINGS AND SPECIFICATIONS ARE ORIGINAL, PROPRIETARY AND CONFIDENTIAL MATERIALS OF CHAMPION DATE: 05-08-23 P.O. BOX 2097 HWY 100 EAST LAKE CITY, FL 32056 SCALE: 5/32" = 1'-0" COPYRIGHT © 1976-2023 BY CHAMPION



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

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

PATENT# 6634150 & OTHER PATENT PENDING





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

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

ENGINEERS STAMP

Tube Lenath

- 1. SPECIAL CIRCUMSTANCES: If the following conditions occur STOP! Contact Oliver Technologies at 1-800-284-7437:
 - a) Pier height exceeds 48"
- c) Roof eaves exceed 16"
- e) Location is within 1500 feet of coast

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

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 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.

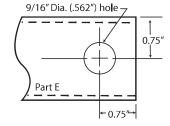
PIER HEIGHT 1.50" 1.50"

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

7 3/4" to 25" 22" 18"

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"

Diagram A



(10 111111 00 111011)	
14" to 18"	20"
18" to 25"	28"
24" to 35"	39"
30" to 40"	44"
36" to 48"	54"

(40° Min. - 60° Max.)

Diagram B

- 5. Install (2) of the 1.50" square tubes (E) into the "U" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
- 6. 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"- $14 \times 3/4$ " self-tapping screws in pre-drilled holes.)

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.

Page I

Revision 08/23/18



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

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.

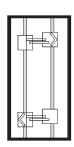
LATERAL: (Model 1101 TC "V")

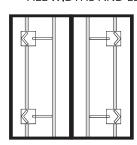
- 17. For wet set (part # 1101-W-TACA) installation simply install the anchor bolt into runner/footer. For dry set installation (part # 1101-D-TACA) mark bolt hole locations, then using a 5/8" diam. masonry bit. drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the hole. Place wedge bolts (Simpson part #S162300H 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.

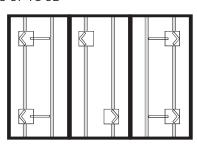
Notes:

- 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

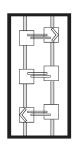
ALL WIDTHS AND LENGTHS UP TO 52'

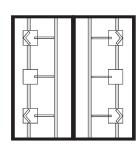


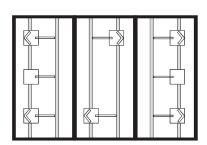




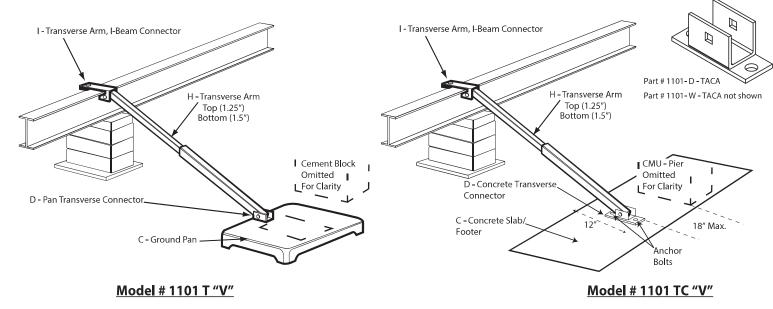
ALL WIDTHS AND LENGTHS OVER 52' TO 80"







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 80'.



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)

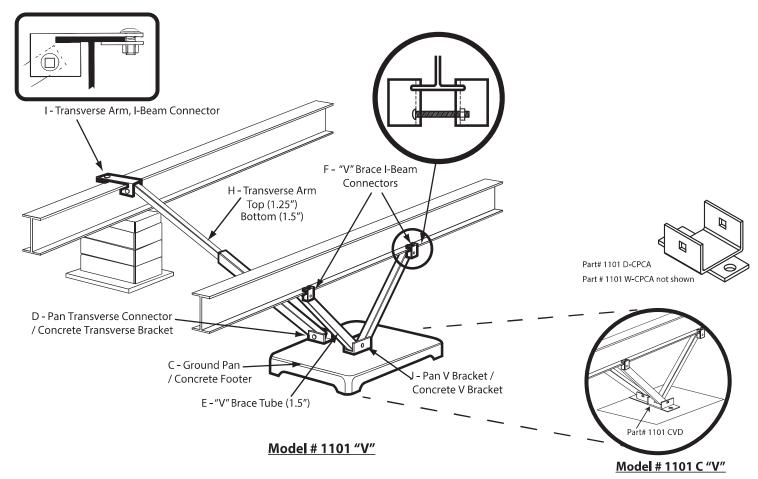
E = TELESCOPING V BRACE TUBE ASSEMBLY (1.5" TUBE BOTTOM AND 1.25" TUBE INSERT) OR 1.5" TUBE

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)



Phone : (800) 284-7437 Fax : (931) 796-8811 olivertechnologies.com



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 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 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 ½" 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. *	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"	3'0"	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"





Revised 07.01.2020 Page 1/2

olivertechnologies.com

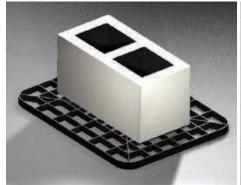


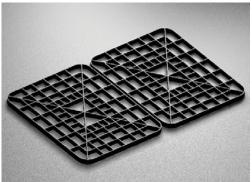
Multi-Pad Configurations

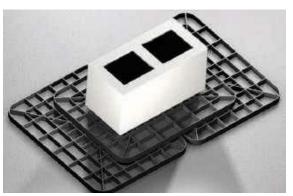
ABS Pad Types				8" Cell Block	Value Value	Load
Oval 16" x 18.5" Pad	2.00 Square Feet	ID# 1055-23	32" x 18.5"	Single Stack	1000 lbs. / sq. ft.	4000 lbs.
Oval 32" x 18.5" Pad Configuration (03)	4.00 Square Feet		Pad Configuration	Double Stack	2000 lbs. / sq. ft.	8000 lbs. 🛪
Oval 17" x 22" Pad	2.50 Square Feet	ID # 1055-16	34" x 22"	Single Stack	1000 lbs. / sq. ft.	5000 lbs.
Oval 34" x 22" Pad Configuration (03)	5.00 Square Feet		Pad Configuration	Double Stack	2000 lbs. / sq. ft.	10000 lbs. \star
Oval 17.5" x 25.5" Pad	3.00 Square Feet	ID # 1055-17	35" 25.5"	Single Stack	1000 lbs. / sq. ft.	6000 lbs.
Oval 35" x 25.5" Pad Configuration (03)	6.00 Square Feet		Pad Configuration	Double Stack	2000 lbs. / sq. ft.	12000 lbs. 🛪

^{*}Concrete blocks are only rated at 8000 pounds, 8001 pounds and higher must be double 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

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.

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.



Jul 14, 2020

Revised 07.01.2020 Page 2/2

VERTICAL VINYL SKIRTING

THE MAN INDIVIOUS	IUFACTURERS INSTRUCTIONS & DESIGNERS DO NOT ALLOW AL PANELTHE TOP WILL BE SCREWED WITH 1" SCREWS EVE THERE WILL BE ONE PANELS ON THE JOB SITE SECU THEM ACCESS PANEL	REWITH PHILLIPS HEAD SCREWS DEEMING
	THE MANUFACTURER INTERGRATES ((EQUIVILENT TO 4.0 SQUARE INCHES	VENTING INTO EACH PANEL PER LINER FOOT OF PANEL)
	TOP RAIL BACKER IS SECURED TO THE HOME U	SING 1" HEX HEAD SCREWS EVERY 18"
	TOP RAIL FRONTAL COVER IS SECURED TO THE TOP RA	IL BACKER USING AN INTERGRATED SNAP LOCK
R. I	NYL PANELS ARE SECURED BY THE BOTTOM TRACK GROOVE 36° IN EXPOSED HEIGHT, MANUFACTURER RECOMMENDS FF	E & THE TOP RAIL FRONTAL COVER, IF PANEL EXCEEDS PAMING PLACED BEHIND, BUT DOES NOT REQUIRE IT.
	BOTTOM TRACK GROOVE IS SECURED TO THE GRO	UNG USING A 6" SPIKE SET AT 20" CENTERS
\$9 ************************************	EST WILL THE OF USI	S IS AN ESTIMATED SKIRTING PACKAGE, WITH IMATED VENTING THE SKIRTING CONTRACTOR L. TAKE ACCURATE MEASUREMENT UPON DOING E JOB, AND WILL CALCULATE THE PROPER AMOUNT VENT REQUIRED AND MAKE ANY CORRECTIONS ING VINYL, SCREEN BACKED LOUVERED VENTING TO ET THE STATE CODES.
WALL SECTION		1 人
Average Height Of Each Panel From Ground To Home is 42"	ELEVATION	
CUSTOMER: PERMIT #:		



2023 FLORIDA BUILDING CODE 8TH EDITION. RESIDENTIAL SECTIONS R311 AND 312.

HEADROOM R311.7.2

RISER HEIGHT R311.7.5.

R311.7.5.2 TREAD DEPTH

R311.7.8.2 HANDRAILS

R311.7.8.3 CONTINUITY

R311.7.8 HANDRAIL GRIP SIZE

-GUARDS R312.1.2

NOTES:

GUARD OPENING LIMITS R312.1.3

STEP HAS A MIN 40"X40" LANDING

2"X2" HANDRAIL " RADIUS ALL SIDES

OPENING WILL REJECT 4" SPHERE

HANDRAIL HEIGHT 36"

GUARDRAIL TO BE 36"

STEP HAS A RISER HEIGHT OF BETWEEN 4" AND 7.75"

0.02" RADIUS-

HANDRAIL THAT IS NOT CIRCULAR MUST HAVE A PERIMETER OF 4.0" MIN AND 6.25" MAX WITH A CROSS **SECTION DIMENSION OF 2.25"**

-2x2 PT HANDRAIL ATTACH WITH #10 X 3.5" SCREWS WITH 1.5" PVC SPACER -2X4 TOP / 2X6 PT STAIR STRIKER-**BOTTOM RAIL** ATTACH W (3) #10 X 3.5" **ATTACH SCREWS** TO EACH POST WITH (3) #8 X 3" SCREWS 2X2 GUARDS ATTACH WITH (2) #8 X 2.5" SCREWS

STAIR DETAIL

2X4 TOP RAIL--TYPE 1 CONNECTION: ATTACH POST TO 4" THICK 3000PSI REINFORCED CONCRETE 4X4 PT POST-MIN 1000 PSF SOIL BEARING SLAB WITH (4) 2"X2" X_8^{1} " ANGLE BRACKET USING (2) 3" TAPCONS INTO CONCRETE AND (3) #8X2.5" SCREWS AT EACH 4X4

-TYPE 2 CONNECTION 30" DEEP 4" HELICAL ANCHOR

ATTACH TO CENTER JOIST WITH 1 SS WIRE ROPE USING (2) CABLE CLAMPS

TYPICAL HANDRAIL **CONSTRUCTION DETAILS** DRAWING TITLE

REVISIONS

PROJECT INFORMATION

CLIENT NAME ADDRESS ADDRESS

STAIR DETAIL

SCALE:

SHEET#