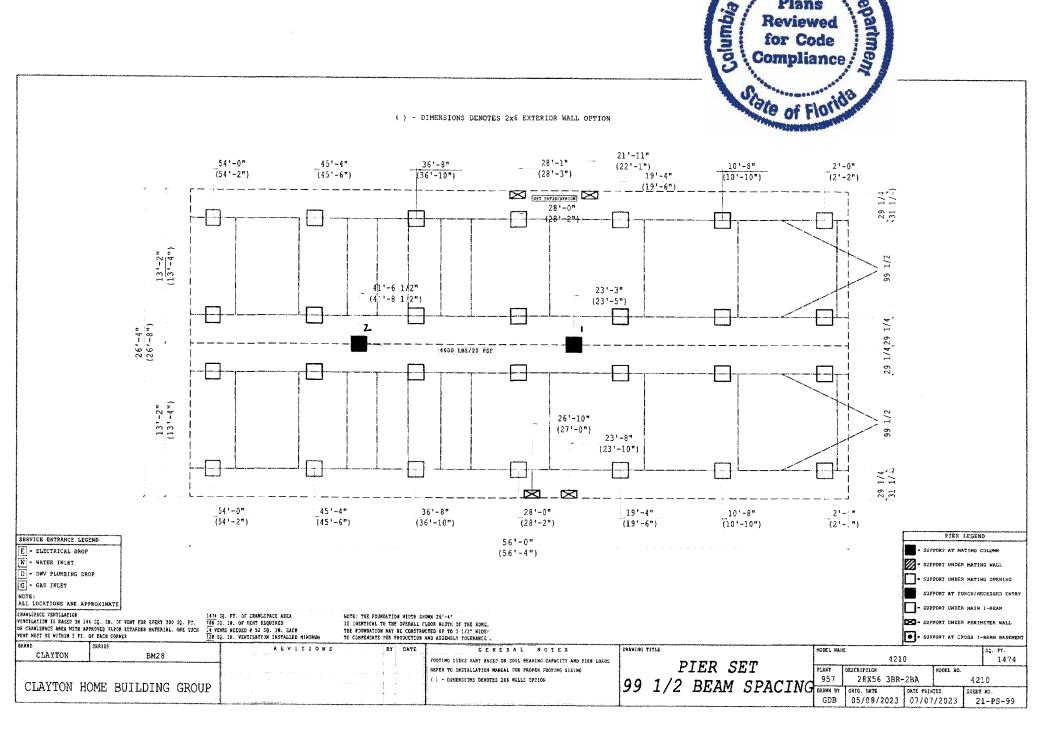
	Mobile Home Permit Worksheet		Application Number	r:	Date:
~			New Home	☑ Used Home □	
Installer :	ale Mouston License # 1H1/3	3271		to the Manufacturer's Installation Ma ed in accordance with Rule 15-C	anual 🛮
Address of hon being installed		The second secon	Single wide		Wind Zone III
	Lake City FC		Double wide	_)338B
Manufacturer		v 56	Triple/Quad	Serial # ROC745	067 NCABAC
if . I understand	home is a single wide fill out one half of the blocking pl home is a triple or quad wide sketch in remainder of ho Lateral Arm Systems cannot be used on any home (new o	me		PIER SPACING TABLE FOR USE	D HOMES
Typical pier spa	dewall ties exceed 5 ft 4 in. Installer's initials		Load Footer bearing size capacity (sq in)	16" x 16"	22" x 22" 24" X 24" 26" x 26" (676)
2' (6/2'	Show locations of Longitudinal and longitudinal (use dark lines to show these lines)		1000 psf 1500 psf 2000 psf 2500 psf	3' 4' 5' 4'6" 6' 7' 6' 8' 8' 7'6" 8' 8'	6' 7' 8' 8' 8' 8' 8' 8' 8' 8' 8'
			3000 psf 3500 psf	8' 8' 8' 8' 8' Rule 15C-1 pier spacing table.	8, 8, 8, 8, 8,
				PIER PAD SIZES	POPULAR PAD SIZES
			I-beam pier pac		Pad Size Sq In 16 x 16 256
			Perimeter pier potential Perimeter pier pad	Mart of the first and the state of the state	16 x 18 288 18.5 x 18.5 342
		j.ll	(required by the		16 x 22.5 360 17 x 22 374 13 1/4 x 26 1/4 348
	tharriage wall piers within 2' of end of hom	e ger Rule 15C	wall ope	e approximate locations of marriage enings 4 foot or greater. Use this to show the piers.	20 x 20 400 17 3/16 x 25 3/16 441 17 1/2 x 25 1/2 446
			List all marriage and their pier p	e wall openings greater than 4 foot ad sizes below.	24 x 24 576 26 x 26 676 ANCHORS
1\$	e Attached Point		Opening	Pier pad size	(4 ft) 5 ft @ marilo
	The second secon		1,2	23×31	FRAME TIES
		ny Nistan			within 2' of end of home spaced at 5' 4" oc
	Plans Reviewed 09-	18-2023	<u></u>	EDOWN COMPONENTS	OTHER TIES Number
	Plans Reviewed for Code Compliance Office of Floridit		Manufacturer /	tabilizing Device w/ Lateral Arms	Sidewall Longitudinal Marriage wall Shearwall
4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	The state of the s	Doa	0 1 of 2		

Mobile Home Permit Worksheet

		POCKET PENETROMET	ER TEST		
The pocket penetrometer tests are rounded down to psf or check here to declare 1000 lb. soil X without testing.					
	x	x	x	•	
Assumed 500	1. Test th 2. Take th 3. Using	T PENETROMETER TES the perimeter of the home in the reading at the depth of the following and round down to that it is a second to the control of the contr	at 6 locations. f the footer. the lowest	Plans Reviewed for Code Compliance	
بسيب وسيرية فيستوسف مناه فيختم الأفاقة المختلف والمختلف والمختلف والمختلف والمختلف والمختلف والمختلف والمختلف		TORQUE PROBE TI			
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. Installer's initials					
ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER					
Installer Name Dale Newston					
Date Tested					
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. 95					
Plumbing					
Connect all sewe	er drains to an	existing sewer tap or sep	otic tank. Pg. 69		
Connect all potal independent wat	ble water sup er supply syst	oly piping to an existing w tems. Pg. 4 &	ater meter, water	tap, or other	

plication	n Number:	Date:
	Site	Preparation
Debris a Water d	and organic material removed drainage: Natural Swal	Pad X Other .
·····	Fastening	multi wide units
Floor: Walls: Roof:	Type Fastener: 149 Type Fastener: 272 Type Fastener: 372 Type Fastener: 372 For used homes a min. 30 will be centered over the per	Length: 45" Spacing: 24" Length: 45" Spacing: 24" Length: 45" Spacing: 4" Spac
-	Gasket (week	herproofing requirement)
homes a a result of tape v	and that condensation, mold, n of a poorly installed or no gasl will not serve as a gasket.	et is a requirement of all new and used neldew and buckled marriage walls are set being installed. I understand a strip staller's initials
*************	Weat	herproofing
Sidina o	tomboard will be repaired and/ on units is installed to manufact se chimney installed so as not t	or taped. Yes . Pg. //Z- turer's specifications. Yes to allow intrusion of rain water. Yes N
	Mis	cellaneous
Dryer ve Range d Drain lin	to be installed. Yes vent installed outside of skirting. downflow vent installed outside nes supported at 4 foot interval al crossovers protected.	of skirting. Yes (N/A)
ma	is accurate and anufacturer's installation in	n given with this permit worksheet d true based on the nstructions and or Rule 15C-1 & 2
Installer	Signature Dag Ho, 5	Date 9/7/23



License Number: IH / 1	1133271 / 1 Name: DALE	HOUSTON	0011	
Order #: 5941	Label #: 103388	Manufacturer:	(Check Size of Home)	
Homeowner:		Year Model:	Single	
Address:		Length & Width:	Double	
· · · · · · · · · · · · · · · · · · ·		- : i	Triple	
City/State/Zip:		Type Longitudinal System:	HUD Label #:	
Phone #:		Type Lateral Arm System:	Soil Bearing / PSF:	
Date Installed:		New Home: Used Home:	Torque Probe / in-lbs:	NAME OF TAXABLE PARTY.
Installed Wind Zone:	-	Data Plate Wind Zone:	Permit #:	-
Note:		Charles and the control of the contr		-

Reviewed for Code Compliance

STATE OF FLORIDA INSTALLATION CERTIFICATION LABEL

103388

LABEL#

DATE OF INSTALLATION

DALE HOUSTON

NAME

IH / 1133271 / 1

5941

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.



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



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

1.50"

- 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.

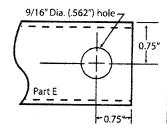
INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM (Model 1101 L "V")

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 1.25" 1.50"

(40° Min 45° Max.)	Tube Length	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"

Diagram A



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

PIER HEIGHT

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 x 3/4" self-tapping screws in pre-drilled holes.)

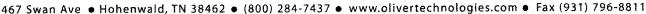
INSTALLATION OF LATERAL TELESCOPING TRANSVERSE ARM SYSTEM (Model 1101 T "V")

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 (1) 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



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 drills 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 th top of concrete. Complete by tightening nuts.

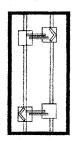
LATERAL: (Model 1101 TC "V")

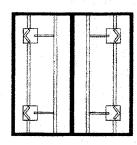
- 17. For wet set (part # 1101-W-TACA) installation simply install the anchor bolt into runner/footer. For dry set installation (part # 1101-D-TACA mark bolt hole locations, then using a 5/8" diam. masonry bit. drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the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

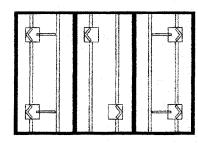
Notes:

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

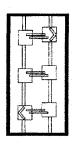
ALL WIDTHS AND LENGTHS UP TO 52'

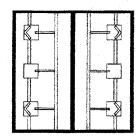


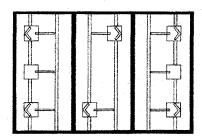




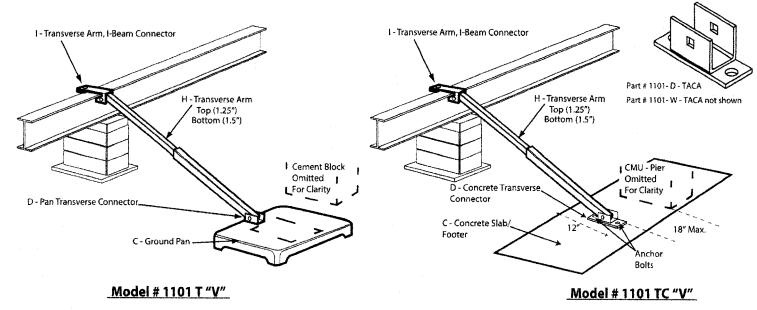
ALL WIDTHS AND LENGTHS OVER 52' TO 80"







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)

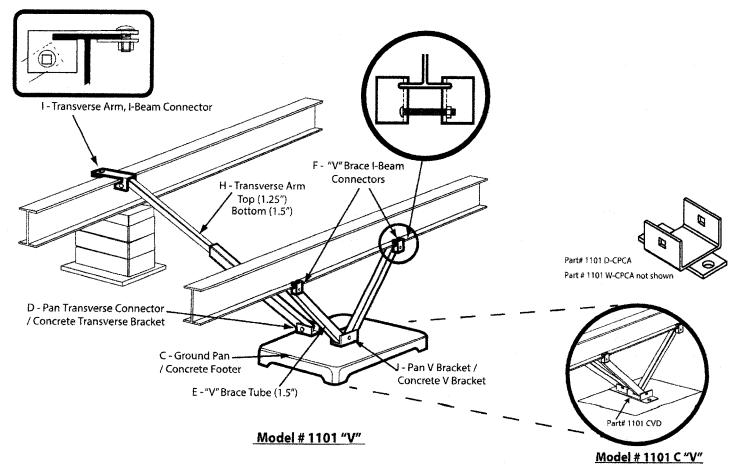
E = TELESCOPING V BRACE TUBE ASSEMBLY (1.5" TUBE BOTTOM AND 1.25" TUBE INSERT) OR 1.5" TUBE

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)





State of Florida DEPARTMENT OF HIGHWAY SAFETY AND MOTOR VEHICLES

TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON, III Executive Director

October 27, 1999

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

Dear Mr. Larson:

We wish to acknowledge receipt of your print specifications and test results certifying your Adjustable Outrigger listed below complies with the Federal Manufactured Construction and Safety Standards, § 3280.305 and § 3280.401 and with the rules and regulations set forth by the Department of Highway Safety and Motor Vehicles, Florida Administrative Rule Code 15C-1.01105.

Based on the information submitted to the bureau, the following product is listed for use in Florida when the installation instructions showing the way the outrigger was tested, are provided.

MODEL#	INDENTIFICATION	DESCRIPTION
1055-11	Adjustable Outrigger	Bracket, Pipe, & Screw Adjustment

NOTE: The outrigger was tested on September 19, 1999, for an allowable load of 1700 pounds.

If you have any questions, please advise at (850) 413-7600.

Sincerely,

Phil Bergelt, Program Manager Bureau of Mobile Home and

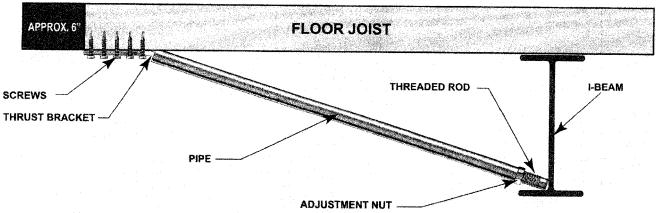
Recreational Vehicle Construction

Division of Motor Vehicles

PB:bsc

OLIVER TECHNOLOGIES, INC. Adjustable Outrigger Installation Instructions MODEL # 1055-11

- 1. Locate the floor joist that requires support.
- 2. Mark the I-Beam directly under the floor joist to align the outrigger.
- 3. Adjust the nut on the threaded rod so it clears the frame flange for easy adjustment.
- 4. Set the threaded rod in the pipe and against the frame.
- 5. Set the notched end of the thrust bracket into the end of the pipe and secure it with 5 # 12 x 2" screws to the floor joist. The thrust bracket should be approximately 6" from the outside rim joist.
- 6. Bottom board and insulation should be between the bracket and the joist.
- 7. For minor adjustments align the door and window openings by tightening or loosening the adjustment nut. For all other adjustments use a hydraulic jack to raise the floor joist before installation of the outrigger.



NOTES:

*REMOVE OUTRIGGER WHEN HOME IS BEING TRANSPORTED

*SPECIFY WIDTH OF HOME WHEN ORDERING OUTRIGGER. PIPE MAY BE CUT TO FIT *THE ADJUSTABLE OUTRIGGERS SHALL ONLY BE USED ON HOMES FOR OPENINGS UP TO: Listing # 1055-11 Patent # 6.334.279

6' ON 20 LB ROOF LOAD 4' ON 30 LB ROOF LOAD

3' ON 40 LB ROOF LOAD

*WHEN ADJUSTABLE OUTRIGGERS ARE USED FOR DOOR AND WINDOW SUPPORTS, THEY MUST BE INSTALLED ON THE CLOSEST FLOOR JOIST UP TO 16" FROM THE OUTSIDE EDGE OF THE OPENING

*DO NOT INSTALL ADJUSTABLE OUTRIGGER AT LOCATIONS WHERE THE HOME MANUFACTURER INDICATES A LOAD IN EXCESS OF 1,700 LBS. *THE ADJUSTABLE OUTRIGGER MUST BE USED ON A MINIMUM 10" I-BEAM AND BE PLACED WITHIN 4' OF A MAIN FRAME SUPPORT PIER OR FRAME CROSSMEMBER. Process Building Code

Residential Section

R311 and R912

STAIR DETAIL

RBULLO Headreson

R311.75.1 When Height

NGTAL Z.S. 2 Trees depth

RRI L7 & Hamdralls

R333.735.2 Continuity

PCTLL/AL3 Madiorall Grip Size

R312.1.2 Guards

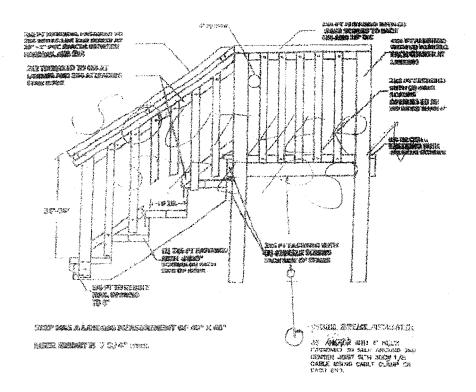
8312.1.3 Guard Opening Limits



BBI. Maka

Handaugtar Handoni

Consider Anna de mais escuelar con el Leure de genéralete de 4 de 1860. Alexando el 25 del 1800. antica a consecuencia de decrena de calabra de consecuencia de consecuencia de 2.720 decembra.



THE MAKE KATHER INTERSECTION PRINCE IN BACH PARTEL (FRANKERT TO 16.3 THERE WAL OF TWO PAPELS ON THE YOR SITE RETAINED WITH PHALLIPS FEND. TOP RAIL PROPINAL CONCERTS RESCRIBED TO THE TOP RAIL BACKOST LISING AN INTEGRALTED SHAP LOCK VERTICAL VINYL SKIRTING TOP AN, BLOCK IS SECURED TO THE KOME WITH THE PER HELD SCHENE GRETT IS BOTTOM RAL 8/10 OH THE ONIXAN SELLMON VITH IT BINZE VINT. PAIRS S ARE SECURE IF THE BOTT CAIT TROCK GROOVE, THE TOP HEART, COVER, IF PANEL EXCHERS
WE IN EDPORED HEIGHT, SALEMOTTRESS RECORDED OF FRAMINO PLACED RE-MED BY DOORS HOT REQUIRE IT INTERNATED VEHTRE FROM DE BYTHE MARKETTINGS