

Mobile Home Permit Worksheet

Installer : Tyler Brown License # IH1142500

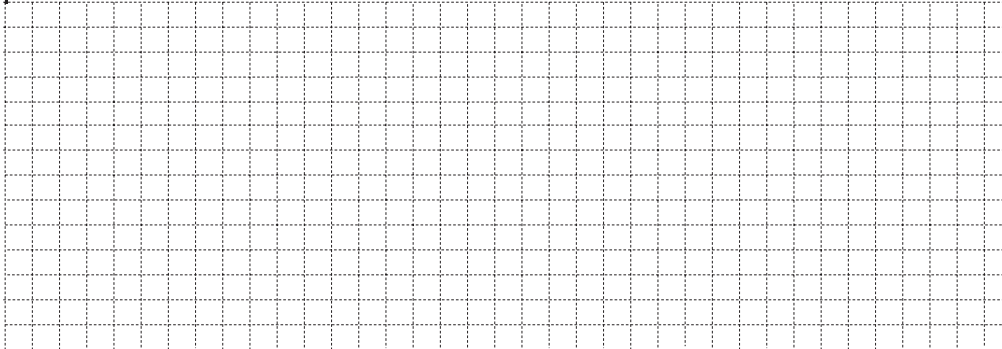
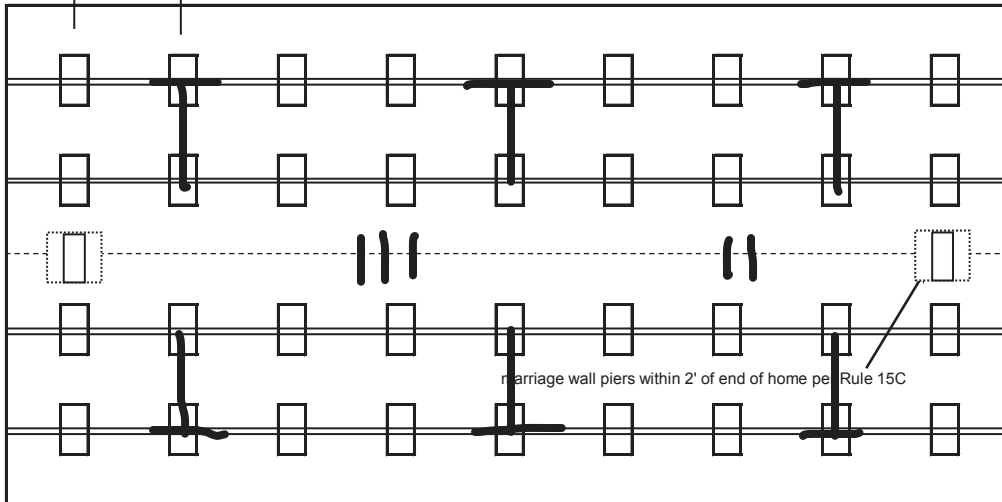
Address of home being installed Parcel 25-6S-15-00519-112

Manufacturer Town Homes Length x width 60X28

NOTE: *if home is a single wide fill out one half of the blocking plan if home is a triple or quad wide sketch in remainder of home*
I understand Lateral Arm Systems cannot be used on any home (new or used) where the sidewall ties exceed 5 ft 4 in.

Installer's initials TB

Typical pier spacing
2' 5'
lateral
longitudinal
Show locations of Longitudinal and Lateral Systems (use dark lines to show these locations)



Application Number: _____ Date: _____

New Home ☒ Used Home ☐

Home installed to the Manufacturer's Installation Manual ☒
Home is installed in accordance with Rule 15-C ☐

Single wide ☐ Wind Zone II ☒ Wind Zone III ☐

Double wide ☒ Installation Decal # 109572

Triple/Quad ☐ Serial # _____

PIER SPACING TABLE FOR USED HOMES

Load bearing capacity	Footer size (sq in)	16" x 16" (256)	18 1/2" x 18 1/2" (342)	20" x 20" (400)	22" x 22" (484)*	24" X 24" (576)*	26" x 26" (676)
1000 psf		3'	4'	5'	6'	7'	8'
1500 psf		4' 6"	6'	7'	8'	8'	8'
2000 psf		6'	8'	8'	8'	8'	8'
2500 psf		7' 6"	8'	8'	8'	8'	8'
3000 psf		8'	8'	8'	8'	8'	8'
3500 psf		8'	8'	8'	8'	8'	8'

* interpolated from Rule 15C-1 pier spacing table.

PIER PAD SIZES

I-beam pier pad size 17X25
Perimeter pier pad size 16X16
Other pier pad sizes (required by the mfg.) _____

 Draw the approximate locations of marriage wall openings 4 foot or greater. Use this symbol to show the piers.

List all marriage wall openings greater than 4 foot and their pier pad sizes below.

Opening	Pier pad size
1-7	24X24
_____	_____
_____	_____

TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD)
Manufacturer OLIVER TECHNOLOGIES
Longitudinal Stabilizing Device w/ Lateral Arms
Manufacturer OLIVER TECHNOLOGIES

POPULAR PAD SIZES

Pad Size	Sq In
16 x 16	256
16 x 18	288
18.5 x 18.5	342
16 x 22.5	360
17 x 22	374
13 1/4 x 26 1/4	348
20 x 20	400
17 3/16 x 25 3/16	441
17 1/2 x 25 1/2	446
24 x 24	576
26 x 26	676

ANCHORS

4 ft X 5 ft X

FRAME TIES

within 2' of end of home spaced at 5' 4" oc X

OTHER TIES

	Number
Sidewall	24
Longitudinal	6
Marriage wall	6
Shearwall	6

Mobile Home Permit Worksheet

POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to 1500 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 295 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.

TB Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name TYLER BROWN

Date Tested 9-25-24

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. 34

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 36

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 36

Application Number: _____ Date: _____

Site Preparation

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

Fastening multi wide units

Floor: Type Fastener: LAG Length: 6" Spacing: 16"
Walls: Type Fastener: SCREW Length: 6' Spacing: 16"
Roof: Type Fastener: LAG Length: 6" Spacing: 16"
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

Type gasket FOAM Installed:
Pg. Between Floors Yes X
Between Walls Yes X
Bottom of ridgebeam Yes X

Weatherproofing

The bottomboard will be repaired and/or taped. Yes X Pg.
Siding on units is installed to manufacturer's specifications. Yes X
Fireplace chimney installed so as not to allow intrusion of rain water. Yes X

Miscellaneous

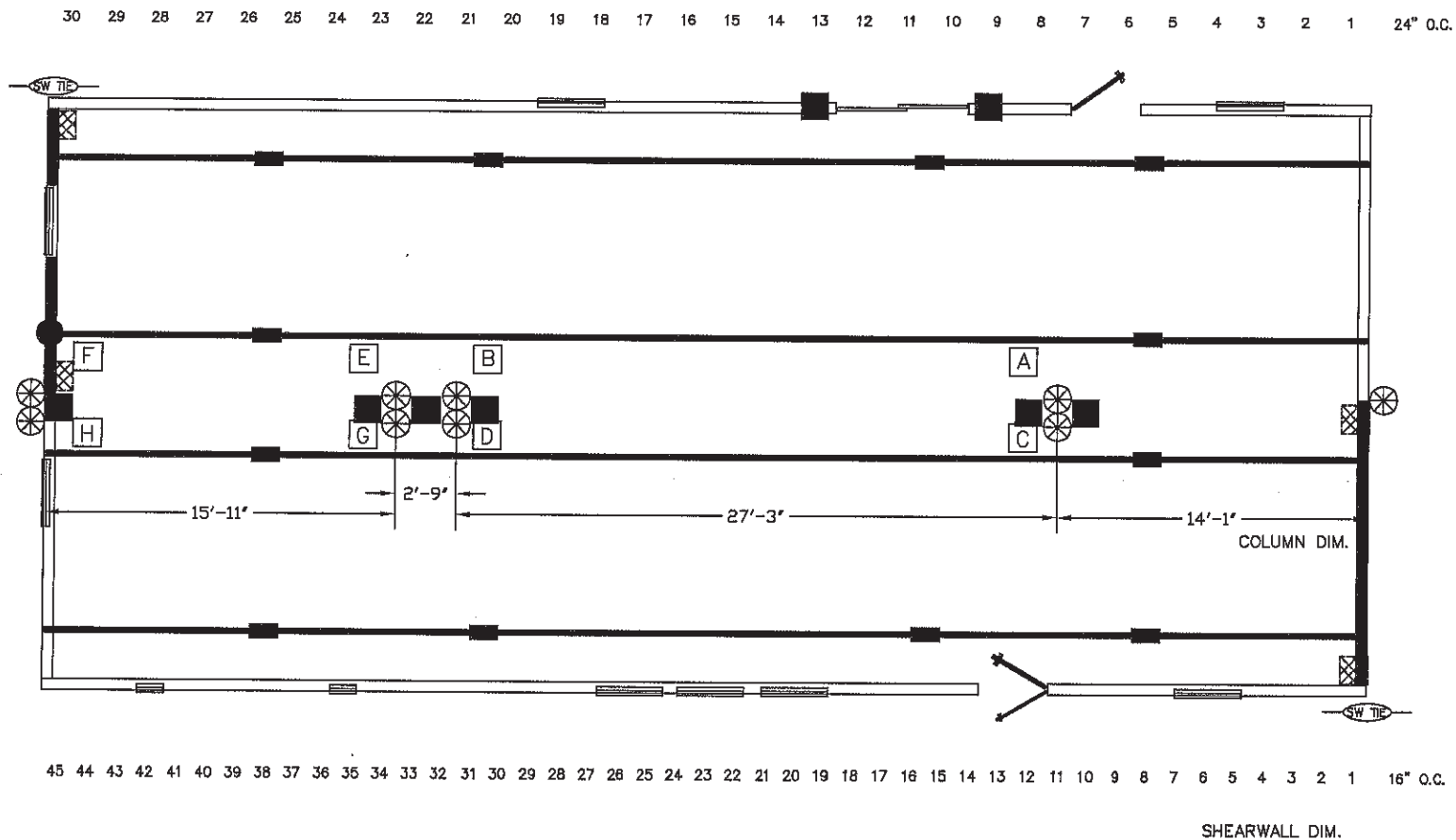
Skirting to be installed. Yes No NA
Dryer vent installed outside of skirting. Yes N/A X
Range downflow vent installed outside of skirting. Yes N/A X
Drain lines supported at 4 foot intervals. Yes X
Electrical crossovers protected. Yes X
Other : _____

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

Installer Signature

Date 9-25-24

JS 8-7-24



-  I-BEAM BLOCKING
SEE SOIL BEARING CAPACITY CHARTS FOR SPACING
-  COLUMN BLOCKING
SEE SOIL BEARING CAPACITY CHARTS FOR PAD SIZE
-  SHEARWALL BLOCKING
-  SHEARWALL FRAME TIE
-  CENTER LINE TIES
-  VERTICAL TIE
MAX. SPACING 5'-4" CENTER TO CENTER
-  LONGITUDINAL TIES

 SHEARWALL TIE

BLOCKING LEGEND:
FLORIDA

- 1) ALL EXTERIOR DOORS, BAY WINDOWS, RECESSED SIDEWALLS AND EXTERIOR WALL OPENINGS 48" OR GREATER. WILL REQUIRE BLOCKING ON EACH SIDE.
- 2) 32' WIDE HOMES REQUIRED TO BE BLOCKED MIN 8'-0" ON CENTER BETWEEN COLUMNS.

		TownHomes P.O. BOX 1059 LAKE CITY, FLORIDA 32056	
Date: 1-6-10		Revisions	
Dr'n: ROB			
Parent: NEW			
Code: T (10)			
ZONE 2	Model: 2852-239		Print: FLORIDA BLOCKING PLAN

License Number: IH / 1142500 / 1 Name: TYLER M BROWN

Order #: 6188	Label #: 109572	Manufacturer:	(Check Size of Home) Single _____ Double _____ Triple _____
Homeowner: <i>Kirkman</i>	Year Model:		HUD Label #:
Address:	Length & Width:		Soil Bearing / PSF:
City/State/Zip:	Type Longitudinal System:		Torque Probe / in-lbs:
Phone #:	Type Lateral Arm System:		Permit #:
Date Installed:	New Home: _____ Used Home: _____		
Installed Wind Zone:	Data Plate Wind Zone:		
Note:			

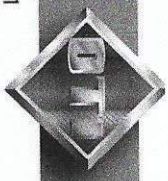
STATE OF FLORIDA INSTALLATION CERTIFICATION LABEL	
109572	
LABEL #	DATE OF INSTALLATION
TYLER M BROWN	
NAME	
IH / 1142500 / 1	6188
LICENSE #	ORDER #
CERTIFIES THAT THE INSTALLATION OF THIS MOBILE HOME IS IN ACCORDANCE WITH FLORIDA STATUTES 320.8249, 320.8325 AND RULES OF THE HIGHWAY SAFETY AND MOTOR 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.



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

OLIVER TECHNOLOGIES, INC.

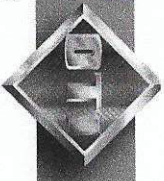
INSTALLATION INSTRUCTIONS FOR FLORIDA

MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM PAN & CONCRETE (revision 5/18)

PATENT # 6634150 & OTHER PATENT PENDING



Aug 24, 2018



INSTALLATION USING CONCRETE RUNNER/FOOTER

15. A concrete runner, footer or slab may be used in place of the steel ground pan.

- The concrete shall be minimum 2500 psi mix
- 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).
- Footers must have minimum surface area of 441 sq. in. (i.e. 21" square), and must be a minimum of 8" deep.
- 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# 1101-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 drill holes, then place 1101 (dry set) CA bracket onto wedge bolts and start wedge bolt nuts. Take a hammer and lightly drive the wedge bolt 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-TAC) 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:

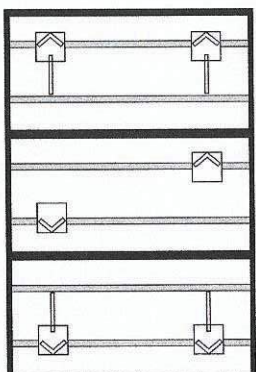
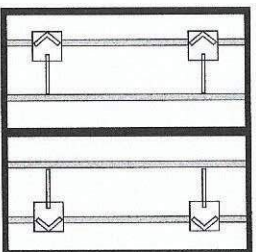
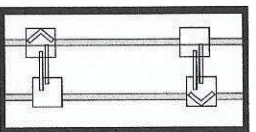
1. **LENGTH OF HOUSE IS THE ACTUAL BOX SIZE**

2.  = **LOCATION OF TRANSVERSE BRACING ONLY**

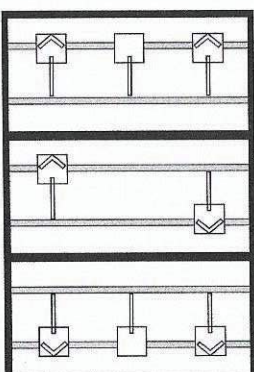
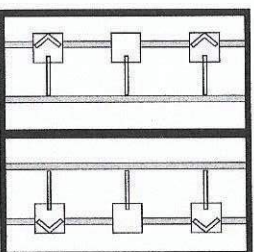
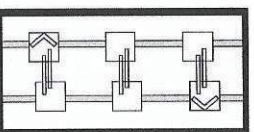
3.  = **LOCATION OF LONGITUDINAL BRACING ONLY**

4.  = **TRANSVERSE AND LONGITUDINAL LOCATIONS**

ALL WIDTHS AND LENGTHS UP TO 52'



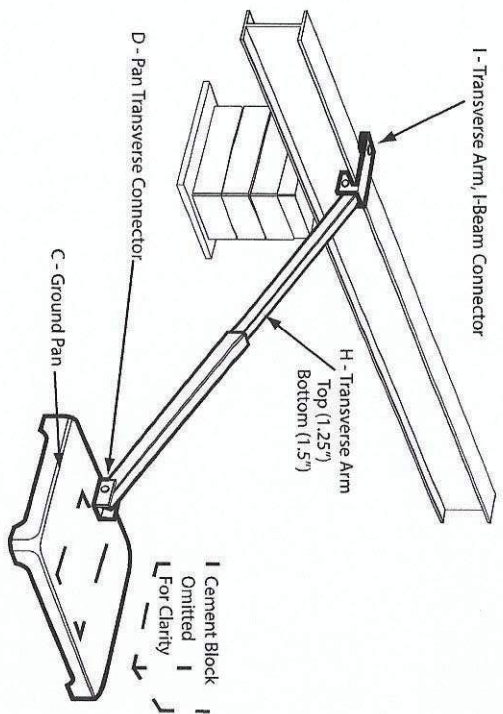
ALL WIDTHS AND LENGTHS OVER 52' TO 80"



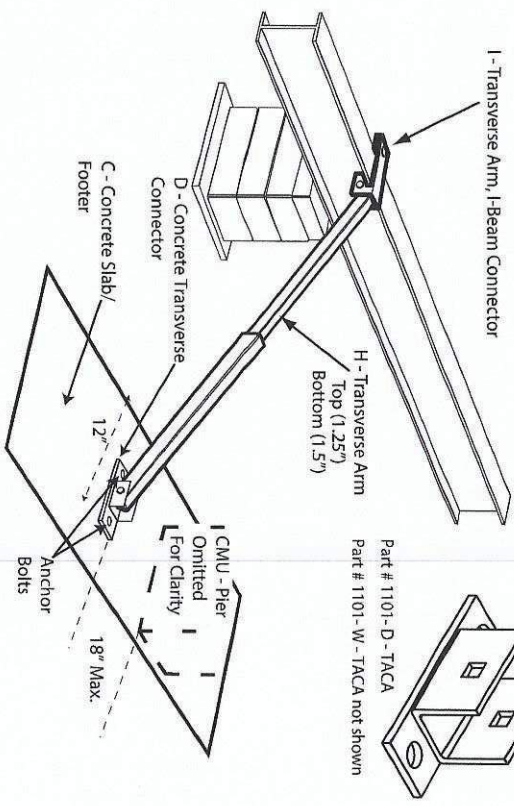
HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS

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

PATENT# 6634150 & OTHER PATENT PENDING



Model # 1101 T "V"



Model # 1101 TC "V"

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)

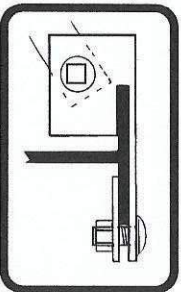
E = TELESOPING V BRACE TUBE ASSEMBLY (1.5" TUBE BOTTOM AND 1.25" TUBE INSERT) OR 1.5" TUBE

F = "V" BRACE I-BEAM CONNECTOR ASSEMBLY

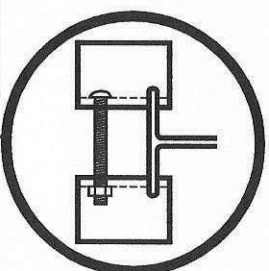
H = TELESOPING TRANSVERSE ARM ASSEMBLY

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

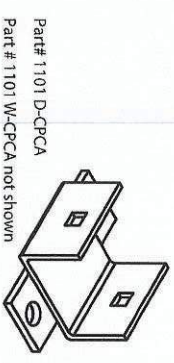
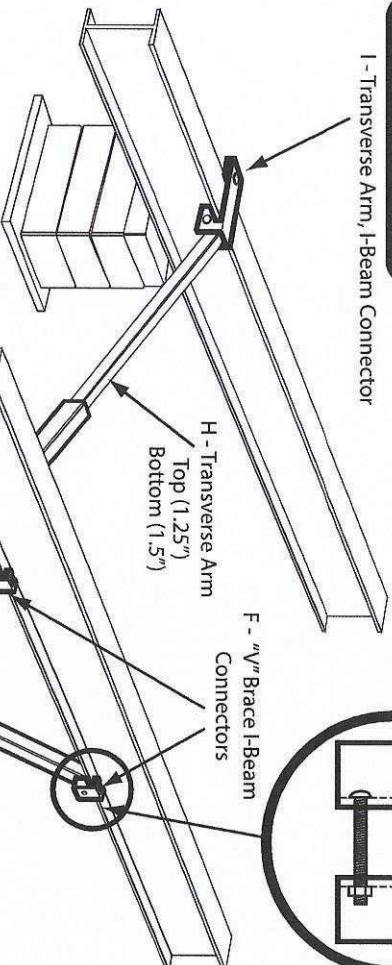
J = V PAN BRACKET (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)



I - Transverse Arm, I-Beam Connector

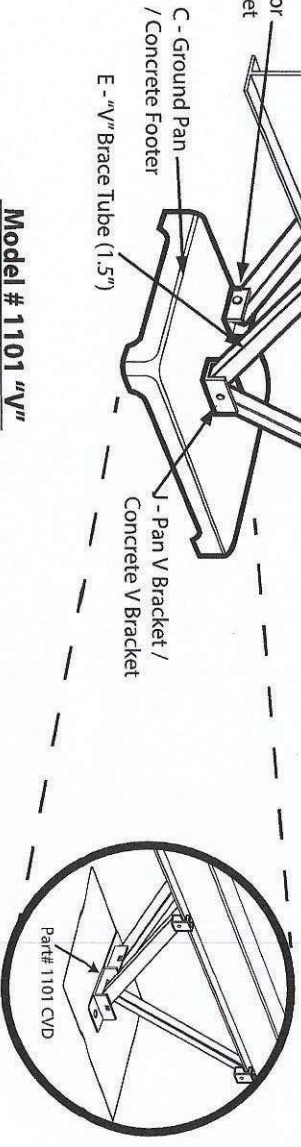


F - "V" Brace I-Beam Connectors



Part# 1101 D-CPCA

Part # 1101 W-CPCA not shown



Model # 1101 C "V"



State of Florida
DEPARTMENT OF
HIGHWAY SAFETY AND MOTOR VEHICLES

TALLAHASSEE, FLORIDA 32399-0500

FRED G. 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 #	IDENTIFICATION	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.

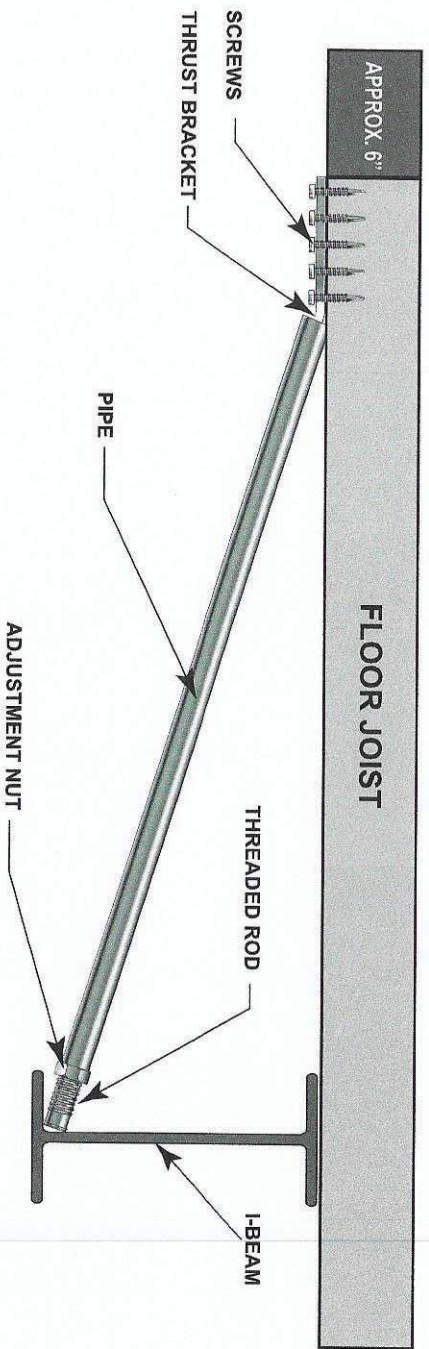
Sincerely,

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

PB:lsc

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:
 - 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.

Listing # 1055-11
Patent # 6,334,279

STAIR DEPICT

Wissenschaftlicher Beirat



此書係作者親歷所見，其內容豐富，且文字淺顯，易於理解，誠為研究中國經濟史之重要參考資料也。

References

WILLIAMS, S. L. Hides Revisited

[illegible]

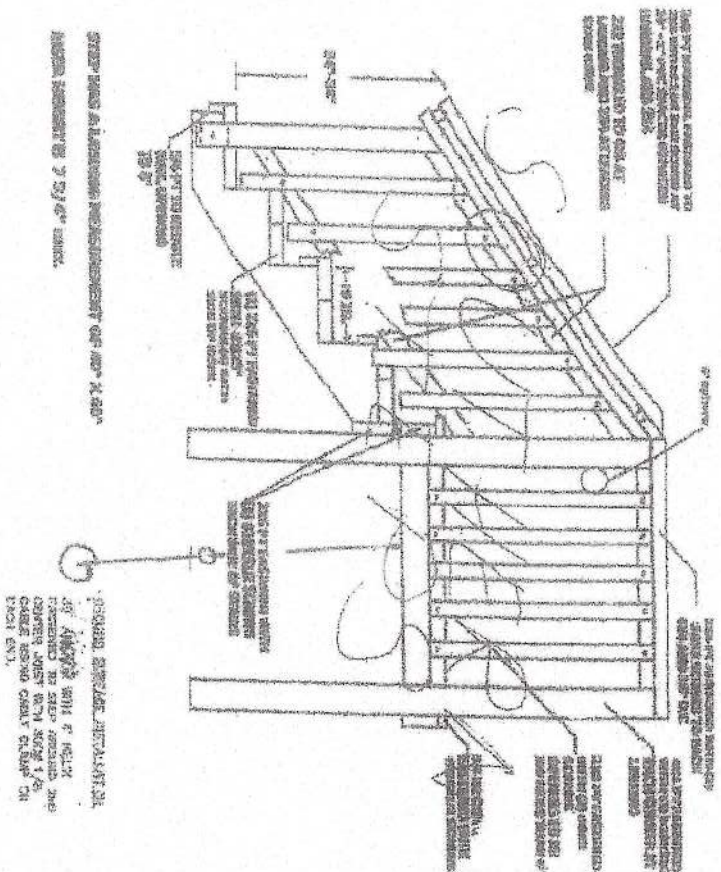
PC341.7 56 R60m62m55

REDU. & 2 Continuity

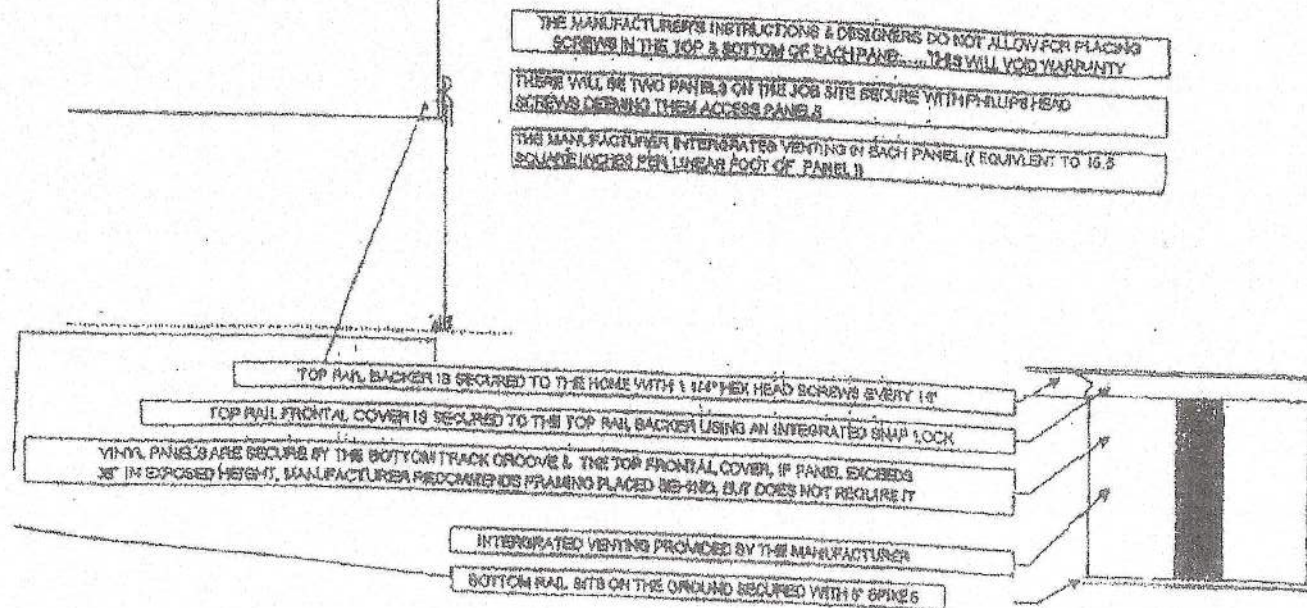
RECOMMENDED GRIP SIZE

Fig. 2.12. Bands

REMARK 2.3 Generalizing limits



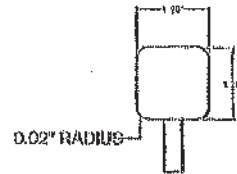
VERTICAL VINYL SKIRTING



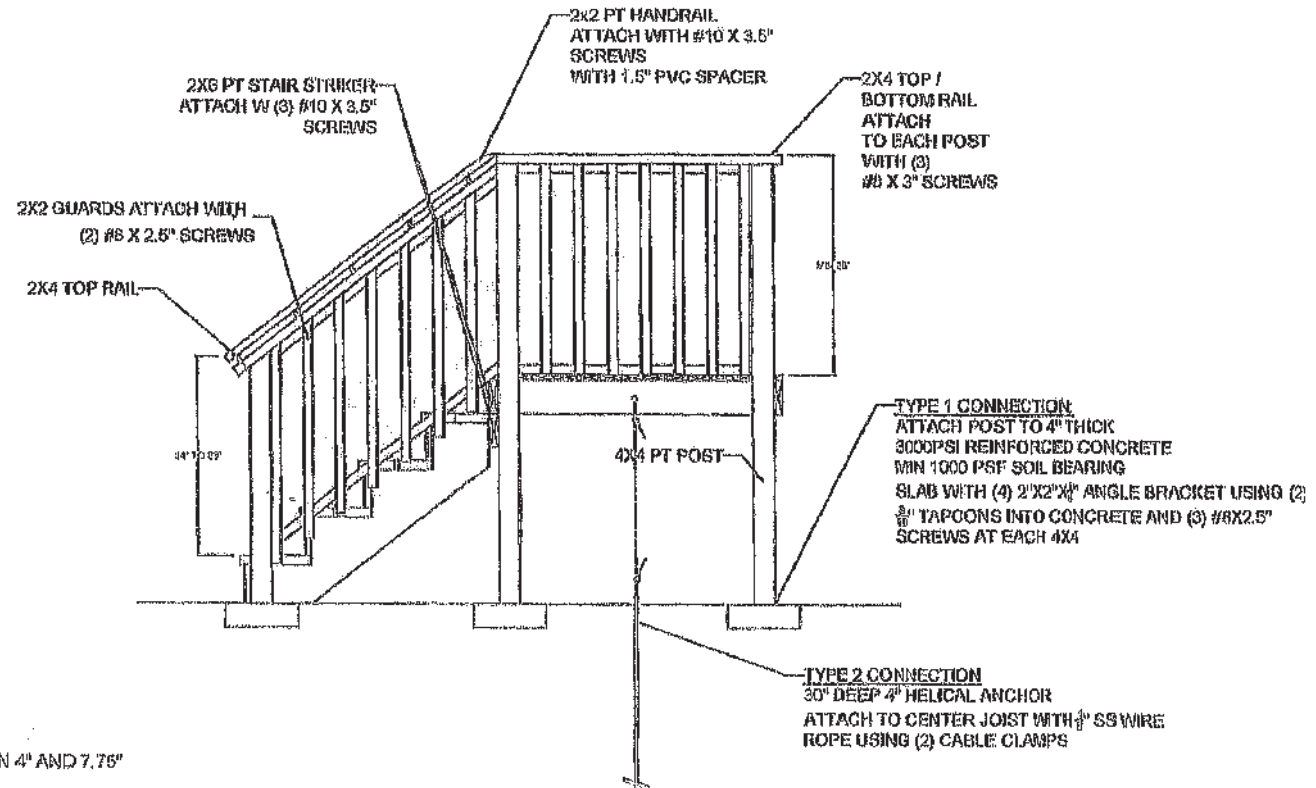
STAIR DETAIL

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

- R311.7.2 HEADROOM
- R311.7.5 RISER HEIGHT
- R311.7.5.2 TREAD DEPTH
- R311.7.8.2 HANDRAILS
- R311.7.8.3 CONTINUITY
- R311.7.8 HANDRAIL GRIP SIZE
- R312.1.2 GUARDS
- R312.1.3 GUARD OPENING LIMITS



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"



NOTES:

- STEP HAS A MIN 40"X40" LANDING
- STEP HAS A RISER HEIGHT OF BETWEEN 4" AND 7.75"
- HANDRAIL HEIGHT 36"
- 2"X2" HANDRAIL 1" RADIUS ALL SIDES
- GUARDRAIL TO BE 36"
- OPENING WILL REJECT 4" SPHERE

TYPICAL HANDRAIL CONSTRUCTION DETAILS

INSTALLATION VERTICAL SKIRTING (WALL SECTION)

1. Top back rail will be screwed to bottom of home with 3/4" screw every 16".
2. Bottom track will be spiked every 16" with 7" with 7" galvanized nail.
3. Each panel must be installed with required screws. Screws installed in each panel top and bottom every 16".
4. Access allowed by any panel.
5. Any part of home over 36" from bottom of home to ground will require metal bracing with cross brace. (Bracing requirements 2 x 3 metal brace attached to bottom of home with 3/4" screws and buried in the ground every 4' with cross brace.)

