

PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

For Office Use Only (Revised 6-23-05)

Zoning Official BLK 1803.06 Building Official OK JTH 3-206

AP# 0602-74 Date Received 2/24/06 By JW Permit # 24262

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments _____

FEMA Map# _____ Elevation _____ Finished Floor _____ River _____ In Floodway _____

☒ Site Plan with Setbacks Shown ☒ EH Signed Site Plan ☒ EH Release ☒ Well letter ☒ Existing well

☒ Copy of Recorded Deed or Affidavit from land owner ☒ Letter of Authorization from Installer

Property ID # 24-7S-16-04317-129 Must have a copy of the property deed

New Mobile Home 2006 Palm Harbor Used Mobile Home _____ Year 2006

Applicant KEN LAKE Phone # 352-620-8889

Address P.O. Box 684 SPARR, FL 32192

Name of Property Owner Kristi Chilcote Phone# 818-352-2775

911 Address 411 S.W. Unity Ct. Ft White, FL 32038

Circle the correct power company - FL Power & Light - Clay Electric
(Circle One) - Suwannee Valley Electric - Progress Energy

Name of Owner of Mobile Home SAME AS ABOVE Phone # _____

Address _____

Relationship to Property Owner _____

Current Number of Dwellings on Property 1

Lot Size 654 X 667 Total Acreage 10 (WEST 5 ACRES)

Do you : Have an Existing Drive or need a Culvert Permit or a Culvert Waiver (Circle one)

Is this Mobile Home Replacing an Existing Mobile Home NO

Driving Directions to the Property 47 S TO FT WHITE TL ON 27 GO TO 138 TR GO TO UNITY CT TR GO 3RD HOME ON RIGHT.

Name of Licensed Dealer/Installer KEN LAKE Phone # 352-620-8889

Installers Address P.O. Box 684 SPARR, FL 32192

License Number TH0000436 Installation Decal # 265865

2. 813.0566

JW ADVISED Ken 3.15.06 # 11869



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 24-7S-16-04317-129 - MOBILE HOM (000200)

COMM NE COR, RUN S 2658.81 FT, W 567 FT, S 1939 FT FOR POB, CONT S 654.67 FT, W 663.94 FT.

| | | | |
|-------|----------------------------|---------|--------------|
| Name: | CHILCOTE KRISTIE | LandVal | \$59,057.00 |
| Site: | UNITY | BldgVal | \$46,281.00 |
| Mail: | 10401 MCBROOM ST | ApprVal | \$136,610.00 |
| | SHADOWHILL, CA 91040 | JustVal | \$136,610.00 |
| Sales | 9/30/2005 \$180,000.00 / Q | Assd | \$136,610.00 |
| Info | 6/25/2004 \$100.00 / U | Exmpt | \$0.00 |
| | 3/3/2004 \$100.00 / U | Taxable | \$136,610.00 |

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

PERMIT NUMBER

PERMIT WORKSHEET

Installer KEN LAKE License # TH000436

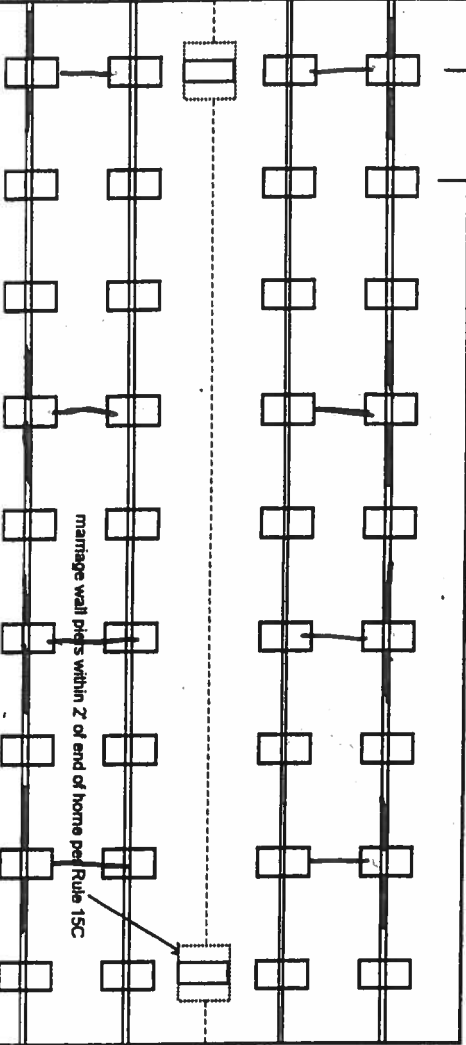
Address of home being installed 411 S.W. Unity Ct

Manufacturer Palma Shear Length x width 68 x 30

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 lies exceed 5 ft 4 in.

Installer's initials KL



SEE ATTACHED

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 # 265865

Triple/Quad ☐ Serial # 916347

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' | 8' |
| 1500 psf | 4'6" | 6' | 7' | 8' | 9' | 10' | 10' |
| 2000 psf | 6' | 8' | 9' | 10' | 11' | 12' | 12' |
| 2500 psf | 7'6" | 9' | 10' | 11' | 12' | 13' | 13' |
| 3000 psf | 8' | 10' | 11' | 12' | 13' | 14' | 14' |
| 3500 psf | 8' | 10' | 11' | 12' | 13' | 14' | 14' |

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

PIER PAD SIZES

I-beam pier pad size 23x31

Perimeter pier pad size N/A

Other pier pad sizes (required by the mfg.) 17 x 25

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

SEE ATTACHED

BRUINING

TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD) Manufacturer OLIVER 11011

Longitudinal Stabilizing Device w/ Lateral Arms Manufacturer OLIVER 11011

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 5 ft

FRAME TIES

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

OTHER TIES

Sidewall Longitudinal Marriage wall Shearwall

Number 26

N/A

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 _____ inch pounds or check here if you are declaring 5" anchors without testing ☒. A test showing 275 inch pounds or less will require 4 foot anchors.

Note: A state approved lateral arm system is being used and 4 ft. anchors are allowed at the sidewall locations. 1 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.

KL Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name

Ken Lake

Date Tested

01/01/11

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. 52

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 50

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 50

Site Preparation

Debris and organic material removed ☒ Swale _____ Pad _____ Other _____

Fastening multi wide units

Floor: Type Fastener: 3/8 1 1/2 x 5 Length: 6" Spacing: 24" OC
Walls: Type Fastener: 3/8 1 1/2 x 5 Length: 6" Spacing: 24" OC
Roof: Type Fastener: 3/8 1 1/2 x 5 Length: 6" Spacing: 24" OC
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

KL

Type gasket FOAM Installed: _____

Between Floors Yes ☒
Between Walls Yes ☒
Bottom of ridgebeam Yes ☒

Weatherproofing

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

Miscellaneous

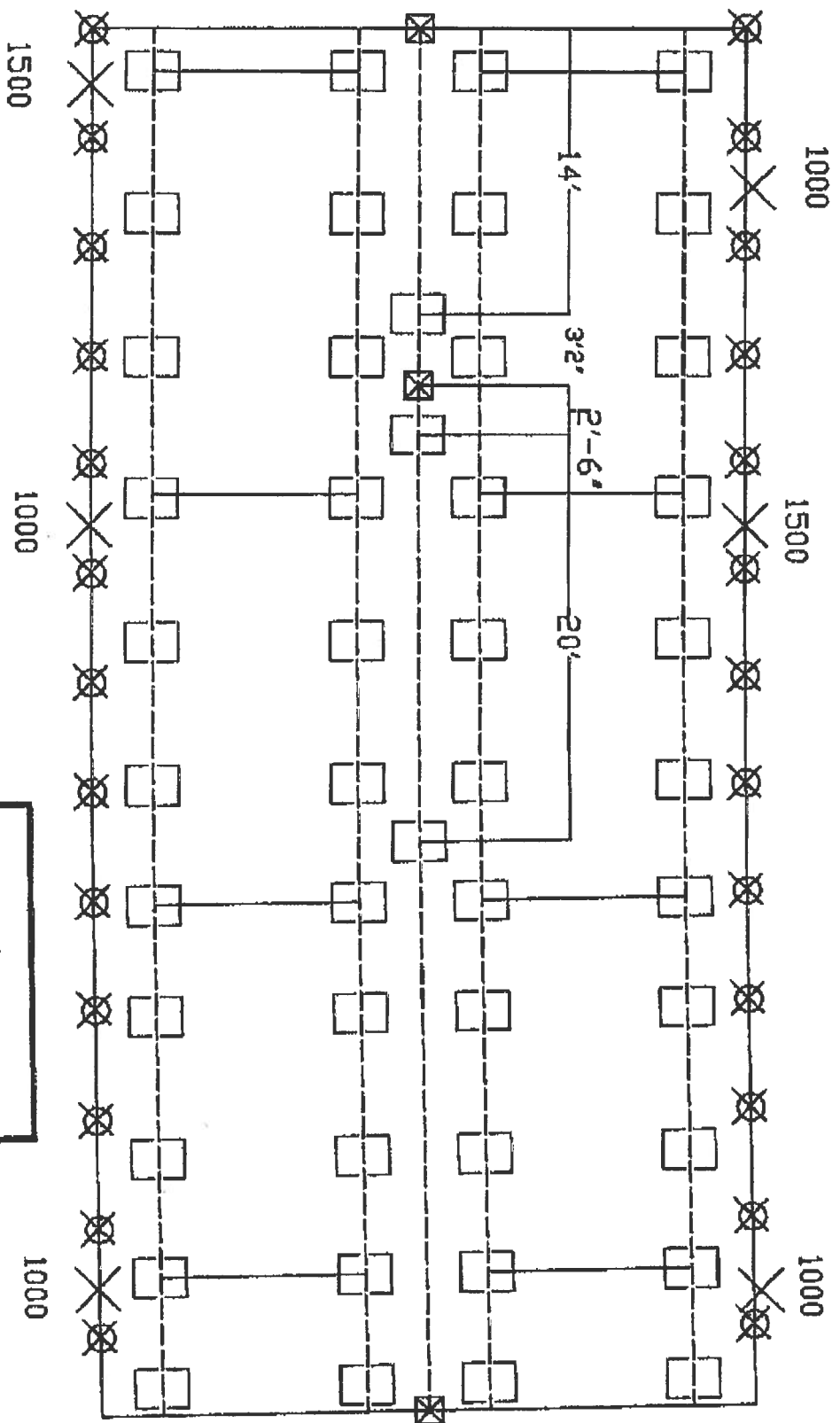
Skirting to be installed. Yes ☒ NO ☒
Dryer vent installed outside of skirting. Yes ☒ N/A
Range downflow vent installed outside of skirting. Yes ☒ N/A
Drain lines supported at 4 foot intervals. Yes ☒
Electrical crossovers protected. Yes ☒

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

Ken Lake

Date 2-21-06



General Notes

- 1) Soil Bearing Capacity 1000psf
Pier Spacing 7'D.C. on 23' x 31' ABS Pads
- 2) Longitudinal stabilizing system used
in place of longitudinal anchors
- 3) Blocking at exterior sidewalls per
Manufacturer
- 4) 4' Anchors 5'4" D.C.
- 5) 17' x 25' Pads 7' ac

Legend

- ⊠ Anchor/Tie Down
- ⊠ 17' x 25' Pads
- 23' x 31' Pads
- ⊗ Soil Bearing Test Locations

Client
All American

Drawn by
J.D. Earnest

Sheets
1 of 1

Home Drawn
Chicago

Scale
1/8" = 1'

FROM

(TUE) 10 18 2005 12:15/ST. 12:14/NO. 5510413908 P 4

RETURN TO

DS 1260.00

U.S. Title
642 N.E. Santa Fe Blvd.
High Springs, FL 32643

USH-3259

Inst: 2005021988 Date: 10/07/2005 Time: 12:03

Doc Stamp-Deed: 1260.00

Doc. P. Dewitt Cason, Columbia County B: 061 P: 254

(Space Above This Line for Recording Data)

Parcel I.D. No.: R04317-129

WARRANTY DEED

This indenture made this 30th day of September, 2005 BETWEEN CARIDAD GONZALEZ, GRANTOR*, whose post office address is 413 UNITY COURT SOUTHWEST, FORT WHITE, FL 32088 and KRISTI E. CHILCOTE, GRANTEE*, whose post office address is 10401 MOOROOM STREET, SHADOWHILL, CA 91040.

* a single woman

WITNESSETH, That said Grantor, for and in consideration of the sum of TEN AND 00/100'S (\$10.00) Dollars and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the grantee and grantee's heirs forever the following described land located in the County of COLUMBIA, State of Florida, to-wit:

SEE ATTACHED EXHIBIT "A"

SUBJECT TO covenants, restrictions and easements of record, if any; however, this reference thereto shall not operate to reimpose same.

and the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land, and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes amounting subsequent to December 31, 2004.

*Singular and plural are interchangeable as context requires.

IN WITNESS WHEREOF, Grantor has hereunto set grantor's hand and seal this day and year first above written.

WITNESSES

Typed Name: JANNETTE S. BOYD

CARIDAD GONZALEZ

Typed Name: CAROL GRACE

COUNTY OF Colusa
STATE OF FLORIDA

THE FOREGOING INSTRUMENT was acknowledged before me on September 30th, 2005 by CARIDAD GONZALEZ, who is/was personally known to me or has produced higher Order & License as Identification.



Jannette S. Boyd
MY COMMISSION # D000333 EXPIRES
August 7, 2007
ACORD 1000 NOTARY PUBLIC, INC.

NOTARY PUBLIC, STATE OF FLORIDA

Name: _____

COMMISSION EXPIRATION: _____

THIS INSTRUMENT WAS PREPARED BY: JANNETTE S. BOYD, an employee of U.S. TITLE, 642 N.E. SANTA FE BLVD., HIGH SPRINGS, FLORIDA 32643, as a necessary incident to fulfill the requirements of a Title Insurance Binder issued by it USH-3259.

Inst:2005024988 Date:10/07/2005 Time:12:03
Doc Stamp-Deed : 1260.00

DC, P. DeWitt Cason, Columbia County B:108 P:255

EXHIBIT "A"

A TRACT OF LAND SITUATED IN SECTION 24, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, SAID TRACT OF LAND BEING KNOWN AS TRACT 29 OF LYN-DEE DAYRY, AN UNRECORDED SUBDIVISION AS SURVEYED BY ALACHUA COUNTY LAND SURVEYORS, INC. AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A CONCRETE MONUMENT (LS # 3456) AT THE PROVEN NORTHEAST CORNER OF THE AFOREMENTIONED SECTION 24, TOWNSHIP 7 SOUTH, RANGE 16 EAST, FOR A POINT OF REFERENCE AND RUN SOUTH 00°38'48" EAST, ALONG THE EAST LINE OF SAID SECTION 24, A DISTANCE OF 1325.12 FEET TO THE NORTHEAST CORNER OF THE SOUTHEAST ¼ OF THE NORTHEAST ¼ OF SAID SECTION 24; THENCE RUN SOUTH 00°07'12" EAST, A DISTANCE OF 1333.69 FEET; THENCE RUN SOUTH 89°20'05" WEST, A DISTANCE OF 567.00 FEET; THENCE RUN SOUTH 00°24'31" EAST, A DISTANCE OF 1939.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUE SOUTH 00°24'31" EAST, A DISTANCE OF 654.67 FEET; THENCE RUN SOUTH 88°27'41" WEST, A DISTANCE OF 663.94 FEET TO THE EAST LINE OF A 60 FOOT WIDE COLUMBIA COUNTY ROAD RIGHT OF WAY AS DESCRIBED IN OFFICIAL RECORDS BOOK 237, PAGE 441 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA; THENCE RUN NORTH 00°41'39" WEST ALONG SAID EAST LINE, A DISTANCE OF 654.61 FEET; THENCE RUN NORTH 88°27'41" EAST, A DISTANCE OF 667.20 FEET TO THE TRUE POINT OF BEGINNING.

TOGETHER WITH A 1995 TRIPLE WIDE MERI MOBILE HOME ID # FLHML2F5601258A/B/C AND TITLE # 68852437 68852349 68852348.



STATE OF FLORIDA
DEPARTMENT OF HEALTH

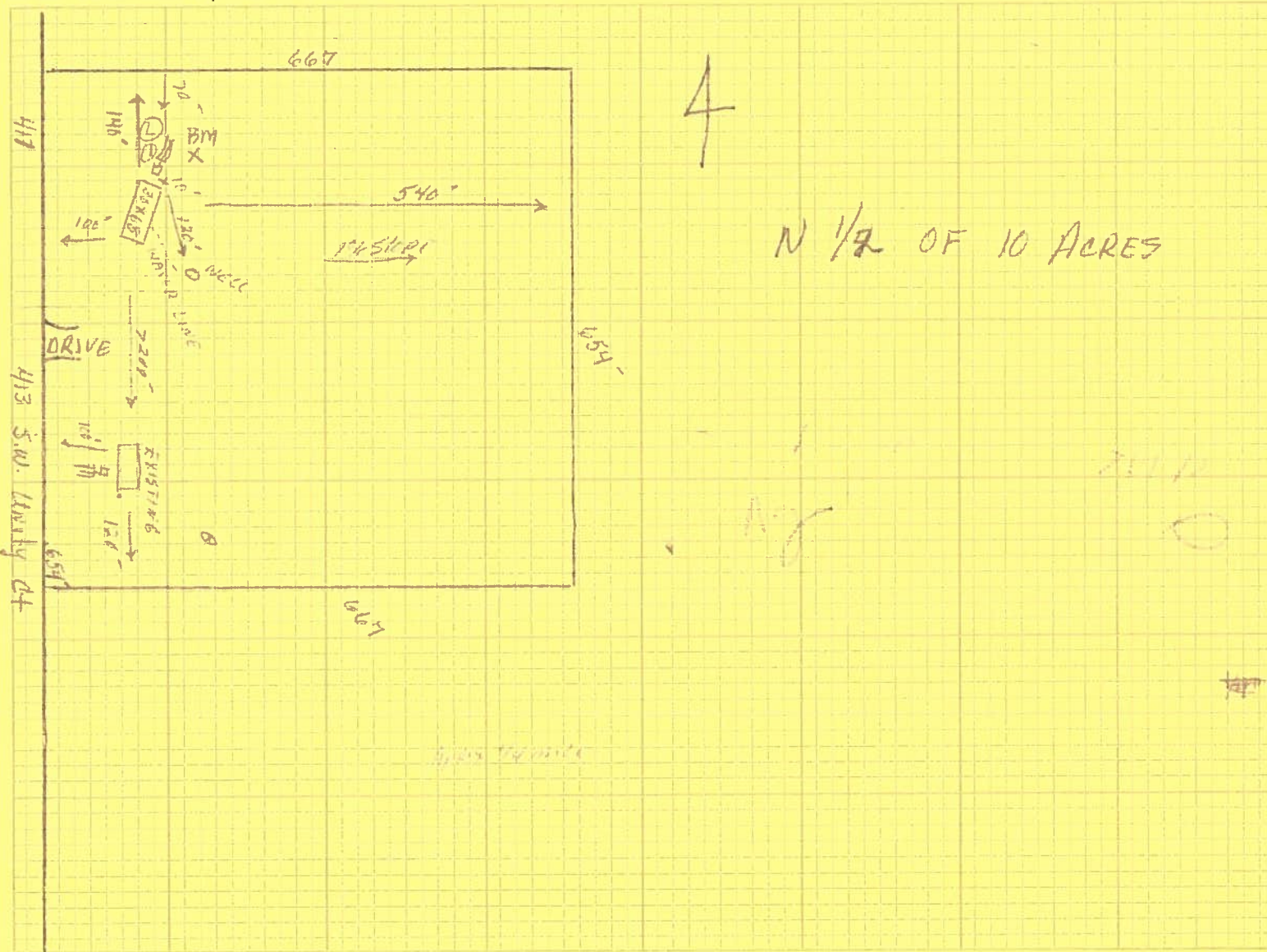
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0167N

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: 1" = 200'

10 ACRES Total

Site Plan submitted by:

Ken Loh

Signature

Plan Approved

✓

Not Approved

Date

Title

2-21-06

By

Sallie Graddy - ESII-COI

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



State of Florida
DEPARTMENT OF
HIGHWAY SAFETY AND MOTOR VEHICLES
TALLAHASSEE, FLORIDA 32399-0500

RED O. DICKINSON, III
Executive Director

March 20, 2002

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

Dear Mr. Moore:

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

Installation instructions must be available at the installation site.

MODEL #

DESCRIPTION

1101 V

Longitudinal Stabilizing and Lateral Bracing System

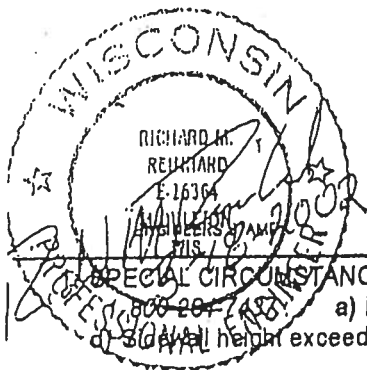
NOTE: This system is for replacement of longitudinal anchors. This system can only be used with sidewall anchor spacing of 5'4". Maximum strut angle 45°.

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

Sincerely,

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

PRB:srb



OLIVER TECHNOLOGIES, INC.
FLORIDA INSTALLATION INSTRUCTIONS FOR THE
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM.
MODEL 1101"V" (STEPS 1-14)
MODEL 1101-L"V" LONGITUDINAL ONLY:
FOLLOW INSTRUCTIONS 1-10

Handwritten Signature
3/10/2002
ENGINEER'S STAMP

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) Side wall height exceed 96" e) Roof Pitch greater than 4.37/12 (20 degrees) f) Location is within 1500 feet of coast

INSTALLATION OF GROUND PAN

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

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: IF INSTALLING THE MODEL # 1101-L"V" LONGITUDINAL ONLY, A MINIMUM OF 2 SYSTEMS PER FLOOR SECTION IS REQUIRED. FOUR FOOT (4') GROUND ANCHOR MAY BE USED EXCEPT WHERE MANUFACTURERS SPECIFY A DIFFERENCE. USE GROUND ANCHORS WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 6'4". VERTICAL TIES ARE ALSO REQUIRED ON HOMES SUPPLIED WITH VERTICAL TIE CONNECTION POINTS (PER FLORIDA REG.).

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

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

5. Install (2) of the 1.50" square tubes (E (18" tube)) into the "U" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
6. Place I-beam connector (F) loosely on the bottom flange of the I-beam.
7. Slide the selected 1.25" tube (E) into a 1.50" tube (E) and attach to I-beam connectors (F) and fasten loosely with bolt and nut.
8. Repeat steps 6 through 7 to create the "V" pattern of the square tubes loosely in place. NOTE: The angle is not to exceed 45 degree and not below 40 degrees.
9. After all bolts are tightened, secure 1.25" and 1.50" tubes using four(4) 1/4"-14 x 3/4" self-tapping screws in pre-drilled holes.
10. Install remaining vertical tie-down straps and 4' ground anchors per home manufacturer's instructions. All loads in excess of 3,150 pounds at shear walls, columns, and centerline, must have five foot (5') anchors installed regardless of soil conditions, per the state of Florida.

INSTALLATION OF LATERAL TELESCOPING TRANSVERSE ARM SYSTEM

NOTE: THE MODEL 1101 "V" (LONGITUDINAL & LATERAL PROTECTION) ELIMINATES THE NEED FOR ALL STABILIZER PLATES & FRAME TIES.

12. Select the correct square tube brace (H) length for set-up lateral transverse at support location. The lengths come in either 60" or 72" lengths. (With the 1.50" tube as the bottom tube, and the 1.25" tube as the inserted tube.)
13. Install the 1.50 transverse brace (H) to the ground pan connector (D) with bolt and nut.
14. Slide 1.25" transverse brace into the 1.50" brace and attach to adjacent I-beam connector (I) with bolt and nut.
15. Secure 1.50" transverse arm to 1.25" transverse arm using four (4) 1/4" - 14 x 3/4" self-tapping screws in pre-drilled holes.



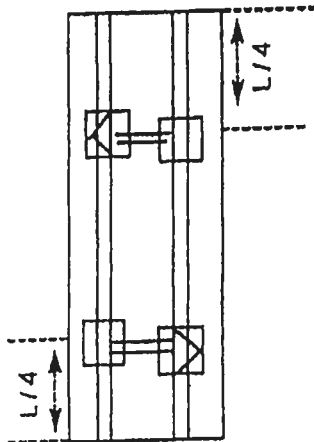
MANUFACTURED HOUSING FOUNDATION SYSTEMS
A DIVISION OF OLIVER TECHNOLOGIES, INC.
1-800-284-7437

Telephone: 931-796-4555
Fax: 931-796-8811
www.olivertechnologies.com

Handwritten: Pg 19

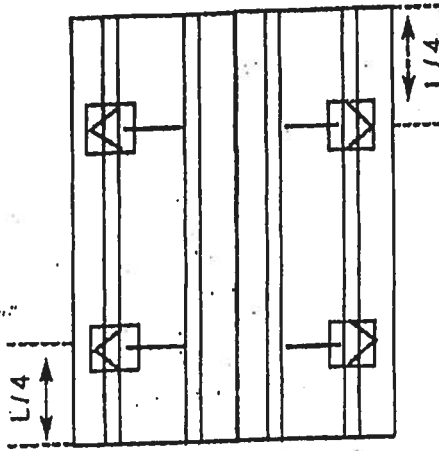
REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" BRACES

SINGLE SECTION



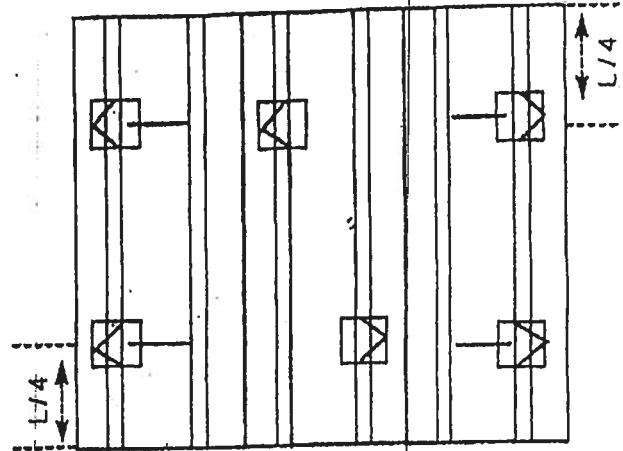
SINGLE SECTION ALL WIDTHS UP TO 76'

DOUBLE WIDES



DOUBLE WIDES ALL WIDTHS UP TO 76'

TRIPLE WIDES



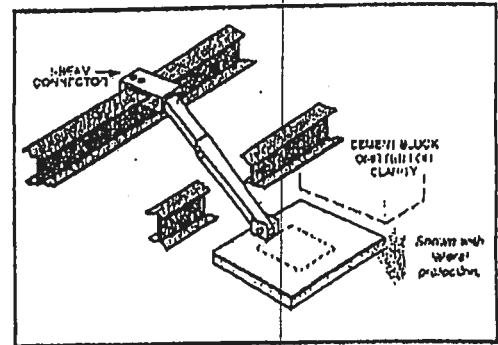
TRIPLE WIDES ALL WIDTHS UP TO 76'

Recommendations: It is recommended that systems be installed at 2nd pier in from end of home, not to exceed a quarter length of the house.

NOTES:

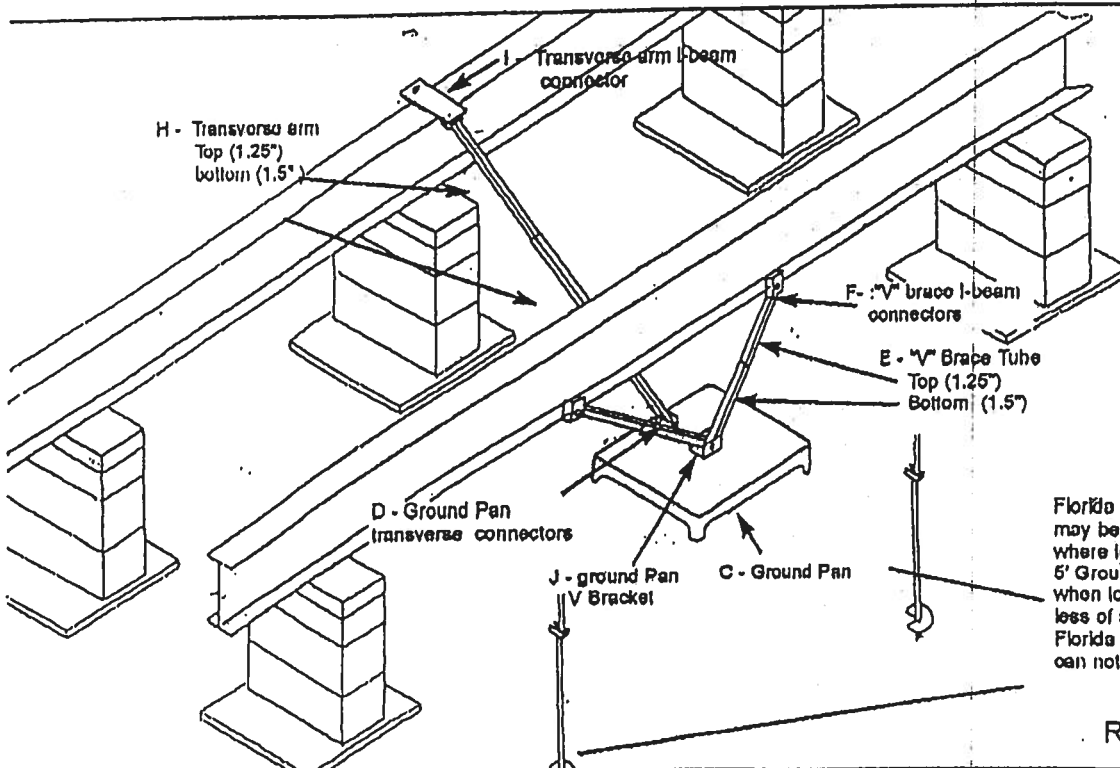
1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
2. $L / 4$ = LENGTH OF THE HOUSE (FLOOR) DIVIDED BY 4.
3. = LOCATION OF ASF MODEL 1101 "V" (LATERAL & LONGITUDINAL BRACING).
4. = LOCATION OF MODEL 1101-L "V" (LONGITUDINAL BRACING ONLY).
5. = LOCATION OF MODEL 1101 "V" (TRANSVERSE ARM ONLY).

Note: When installing the model 1101-L "V" brace for longitudinal protection only, 2 longitudinal systems (without lateral arm) are all that is required on a single section house.



Model# 1101 "V" Transverse Only

PATENT PENDING



- C = GROUND PAN
- D = GROUND PAN CONNECTOR U BRACKETS
- E = TELESCOPING V BRACE TUBE ASSEMBLY W/ 1.5 BOTTOM TUBE AND 1.25 TUBE INSERT
- F = "V" BRACE I-BEAM CONNECTORS ASSEMBLY
- H = TELESCOPING TRANSVERSE ARM ASSEMBLY
- I = TRANSVERSE ARM I-BEAM CONNECTOR
- J = V PAN BRACKET

Florida approved 4' ground anchors may be used in all locations except where loads exceed 3150 lbs. 5' Ground anchors must be used when loads exceed 3150 lbs. regardless of soil conditions per the state of Florida. Sidewall connector spacing can not exceed 5' 4" on centers.

REVISED INSTRUCTIONS 2/20/02



MANUFACTURED HOUSING FOUNDATION SYSTEMS
A DIVISION OF OLIVER TECHNOLOGIES, INC.

Telephone: 931-796-4555
Fax: 931-796-8811



State of Florida
**DEPARTMENT OF
HIGHWAY SAFETY AND MOTOR VEHICLES**

TALLAHASSEE, FLORIDA 32399-0500

FRED O. DICKINSON, III
Executive Director

MEMORANDUM

June 14, 2002

TO: All Anchor and Component Manufacturers

FROM: Philip R. Bergelt, Program Manager *PRB*
Bureau of Mobile Home and Recreational Vehicle Construction

SUBJECT: Lateral Arm Stabilizer Systems

To ensure consumer protection and to ensure that minimum standards are met in the installation of Lateral Arm Stabilizing Systems, it is necessary for us to create uniform installation standards for these systems. A secondary benefit of uniform standards will be the clarification of installation procedures for installers and for county and city inspectors performing field oversight.

Effective immediately all Florida lateral arm stabilizing instructions will include the following prescriptive number of systems:

Four (4) systems up to 52 feet
Six (6) systems from 52 to 80 feet

Five (5) 12 pitch roofs will require a minimum of the following number of lateral arm stabilizing systems, unless a greater number is specified by your engineering:

Six (6) systems up to 52 feet
Eight (8) systems from 52 to 80 feet

Your instructions should contain the following three (3) notes:

Note: 1) The use of this system requires sidewall vertical ties at no greater than 5'4" on center and allows for the use of 4' anchors.

Note: 2) 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.

Note: 3) Each system is required to have a frame tie and stabilizer attached at each lateral arm stabilizing location.

OLIVER TECHNOLOGIES, INC.
FLORIDA INSTALLATION INSTRUCTIONS FOR THE
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM
MODEL 1101"V" (STEPS 1-15)
MODEL 1101-L"V" LONGITUDINAL ONLY:
FOLLOW STEPS 1-9
FOR ADDING LATERAL ARM:
Follow Steps 10-15

ENGINEERS STAMP

ENGINEERS STAMP

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SPECIAL NOTE: The longitudinal "V" brace system serves as a pier under the home and should be loaded as any other pier. It is recommended that after leveling piers, and one-half inch (1/2") before home is lowered completely on to piers, complete steps 4 through 9 below.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: WHEN INSTALLING THE MODEL # 1101-L"V" LONGITUDINAL SYSTEM, A MINIMUM OF 2 SYSTEMS PER FLOOR SECTION IS REQUIRED. FOUR FOOT (4') GROUND ANCHOR MAY BE USED EXCEPT WHERE THE HOME MANUFACTURER SPECIFIES DIFFERENT. USE GROUND ANCHOR WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 6'4" . VERTICAL TIES ARE ALSO REQUIRED ON HOMES SUPPLIED WITH VERTICAL TIE CONNECTION POINTS (PER FLORIDA REG.) .

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

PIER HEIGHT
(Approx. 45 degrees Max.)

1.25" ADJUSTABLE
Tube Length

1.50" ADJUSTABLE
Tube Length

| | | |
|--------------------|-----|-----|
| 7 3/4" to 25" | 22" | 18" |
| 24 3/4" to 32 1/4" | 32" | 18" |
| 33" to 41" | 44" | 18" |
| 40" to 48" | 54" | 18" |

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

INSTALLATION OF LATERAL TELESCOPING TRANSVERSE ARM SYSTEM

THE MODEL 1101 "V" (LONGITUDINAL & LATERAL PROTECTION) ELIMINATES THE NEED FOR MOST STABILIZER PLATES & FRAME TIES.

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



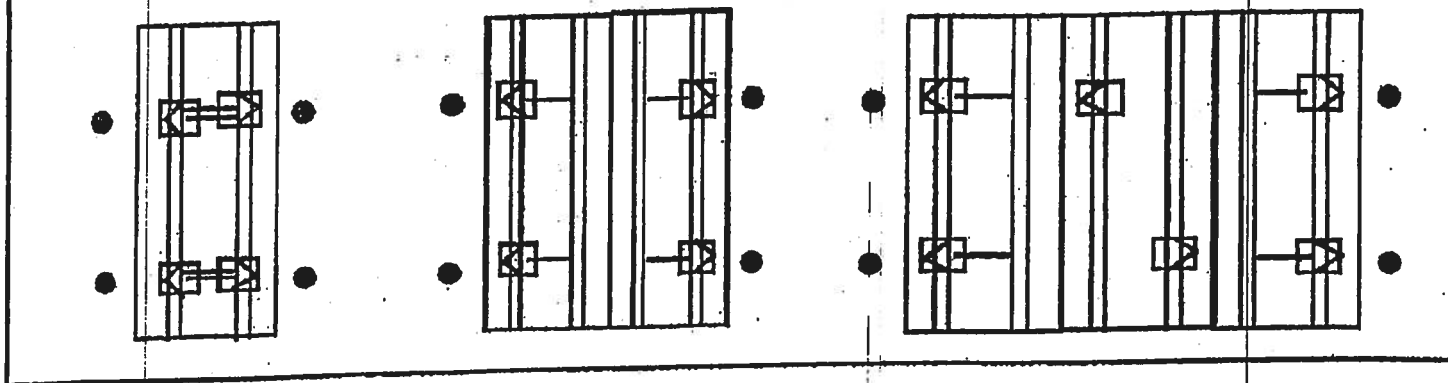
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Fax: 931-796-8811
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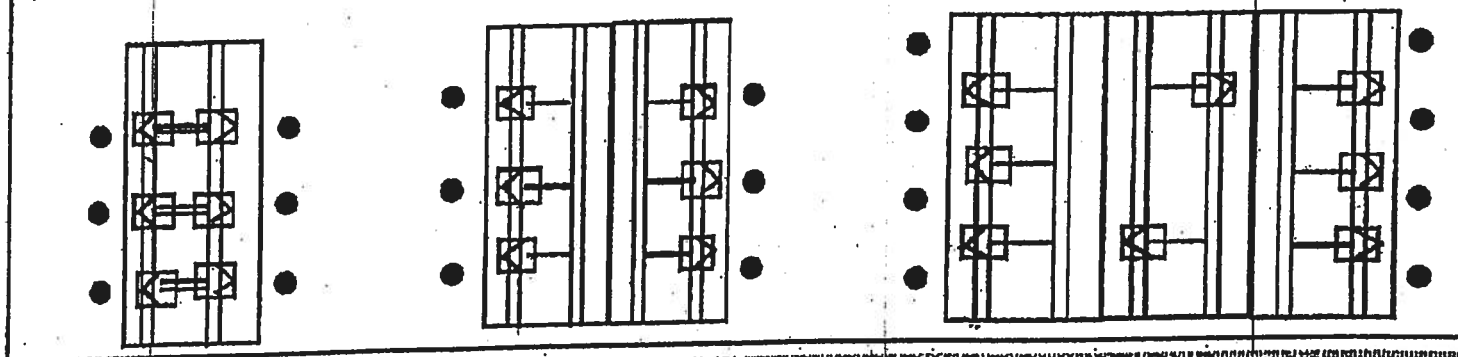
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REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" BRACES FOR UP TO 4/12 ROOF

ALL WIDTHS; AND LENGTHS UP TO 52'

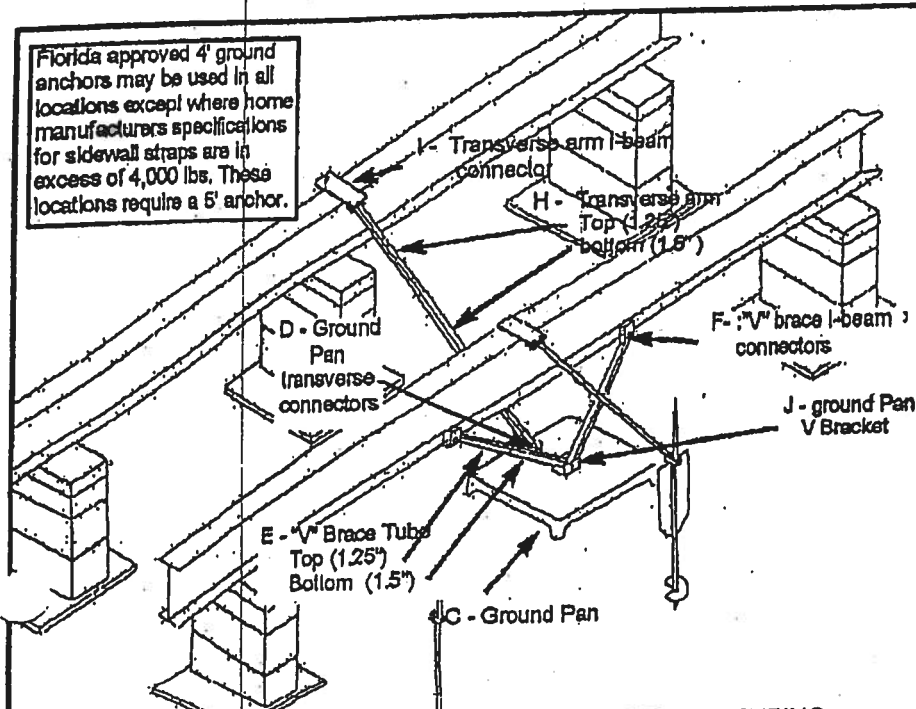


ALL WIDTHS; AND LENGTHS OVER 52' TO 80'



HOUSES WITH 15/12 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'. One stabilizer plate and frame tie required at each lateral bracing system.

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.



C = GROUND PAN
D = GROUND PAN CONNECTOR
U BRACKETS
E = TELESOPING V BRACE
TUBE ASSEMBLY W/ 1.5 BC
TOM TUBE AND 1.25 TUBE
INSERT
F = "V" BRACE I-BEAM CONNE
TORS ASSEMBLY
H = TELESOPING TRANSVER
ARM ASSEMBLY
I = TRANSVERSE ARM I-BEAM
CONNECTOR
J = V PAN BRACKET

REVISED INSTRUCTIONS 4/23/03

NOTES:

1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
2. • = STABILIZER PLATE AND FRAME TIE LOCATION (needs to be located within 18" from center of ground pan)
3. [X] = LOCATION OF ASF MODEL 1101 "V" (LATERAL & LONGITUDINAL BRACING)
4. [X] = LOCATION OF MODEL 1101-L "V" (LONGITUDINAL BRACING ONLY).

DIRECT MOBILE CONNECTIONS, Inc.

PAGE 2 CUSTOMER Kristi E Chilcote DATE 12-15-15

STANDARD PACKAGE CONSISTING OF FOLLOWING ITEMS:

4" DIAMETER, BLACK STEEL CASED WELL DRILLED UP TO 100'
¾ HP. 16 GPM SUBMERSIBLE PUMP WITH 42 GAL. EQUIVALENT PRE-CHARGED TANK WITH CONTROL VALVE.
900 GALLON CONCRETE SEPTIC TANK - BELOW GRADE SYSTEM
STANDARD DRAINFIELD FOR MOBILE HOME SIZE/BEDROOMS BASED ON 1.20 SOIL TEST
200 AMP 8 CIRCUIT SERVICE WITH MAIN ☒ Overhead ☐ Underground (wood - concrete)
4 WIRE CIRCUIT TO MOBILE HOME UP TO 75 FEET
20 AMP 230 VOLT CIRCUIT TO PUMP UP TO 100 FEET
SEWER DRAIN TO SEPTIC SYSTEM WITHIN 15 FEET OF MOBILE HOME
¾ INCH PVC PR-160 WATER LINE UP TO 100 FEET WITH ¾" GATE VALVE AND ONE HOSE BIB
PERMITS FOR PLACEMENT, PLUMBING, ELECTRICAL, SEPTIC AND WELL

PRICE FOR ABOVE PACKAGE \$ 6050⁰⁰

UPGRADES AND ADDITIONAL WORK

UPGRADES

UPGRADE PUMP AND TANK TO _____ HP WITH _____ TANK..... \$ _____
UPGRADE SEPTIC SYSTEM TO _____ WITH STANDARD DRAINFIELD..... \$ _____
UPGRADE WATERLINE TO _____" SCH _____..... \$ _____
UPGRADE PUMP CIRCUIT TO # _____ AWG WIRE FOR VOLTAGE DROP..... \$ _____
OTHER _____ \$ _____
_____ \$ _____
_____ \$ _____

PRICE FOR PACKAGE, UPGRADES AND ADDITIONAL WORK (LESS EXTRA'S).....\$ _____

NOTES*

- * EXTRA WELL DEPTH WILL BE BILLED AT \$ 14⁰⁰ PER FOOT
- * EXTRA DRAINFIELD WILL BE BILLED AT \$ 4⁰⁰ PER SQUARE FOOT
- * EXTRA M/H CIRCUIT OVER 75' WILL BE BILLED AT \$ _____ PER FOOT.
- * EXTRA PUMP CIRCUIT OVER 100' WILL BE BILLED AT \$ _____ PER FOOT
- * E
- * M

Sale

Q

S

Brian Kepner

From: Brian Kepner
Sent: Monday, September 15, 2014 9:23 AM
To: 'John Caldwell'
Subject: RE: Question on attached parcel

John,

Sorry for the delay in getting back in touch with you. Upon research of the property, two mobile homes were placed on the property back prior to changes in the zoning regulations in 1998, grandfathering them. A permit was issued back in 2006 to replace one of the mobile homes. The property cannot be divided in two unless it is for a family member as it is a lot in an unrecorded subdivision (tract 29, Lyn-Dee Dairy unrecorded subdivision).

Brian Kepner
Columbia County,
Land Development
Regulation Administrator
386.754.7119
386.758.2160 FAX



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From: John Caldwell [<mailto:john.caldwell@trendrealty.com>]
Sent: Thursday, September 11, 2014 11:58 AM
To: Brian Kepner
Subject: Question on attached parcel

Brian,

The owners want to list this parcel (see attached), and the circumstance of having two dwellings on one parcel of land always raises a red flag with me. If someone buys this place, is there any possibility that in the future that new owner would be required by the county to divide that parcel in two? Or is it fine just the way it is?

Thanks John

John Caldwell
Vice President, Broker
Berkshire-Hathaway Home Services
Trend Realty
Cell ph: 352-339-3202
john.caldwell@trendrealty.com

Laurie Hodson

From: Laurie Hodson
Sent: Tuesday, July 01, 2014 3:42 PM
To: 'leslierealtor@yahoo.com'
Subject: 04317-129

Leslie,

After speaking with Brian Kepner, County Planner, this property can be sold with both mobile homes on it as one piece. It cannot be split then sold as two separate lots. These mobile homes are considered grandfathered in as they were placed on the lot for family and both homes met density requirements, when it was permitted. Today we would issue a special family lot permit for one of the mobile homes.

Thank you,

Laurie Hodson

Laurie Hodson, Office Manager
Columbia County Building & Zoning Department
135 NE Hernando Ave, Suite B-21,
Lake City, FL 32055
Office: (386) 758-1007
Fax: (386) 758-2160
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