

DATE 05/07/2004

## Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021843

APPLICANT KEN LAKE PHONE 352.620.8889  
ADDRESS POB 684 SPARR FL 32192  
OWNER LEE PITTMAN PHONE \_\_\_\_\_  
ADDRESS 145 PRECIOUS COURT LAKE CITY FL 32025  
CONTRACTOR KENNETH LAKE PHONE \_\_\_\_\_  
LOCATION OF PROPERTY 441-S TO MYRTIS ROAD, L, GO TO THE CORNER OF MYRTIS & PRECIOUS COURT ON L.  
TYPE DEVELOPMENT M/H & UTILITY ESTIMATED COST OF CONSTRUCTION .00  
HEATED FLOOR AREA \_\_\_\_\_ TOTAL AREA \_\_\_\_\_ HEIGHT .00 STORIES \_\_\_\_\_  
FOUNDATION \_\_\_\_\_ WALLS \_\_\_\_\_ ROOF PITCH \_\_\_\_\_ FLOOR \_\_\_\_\_  
LAND USE & ZONING A-3 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. \_\_\_\_\_ FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 11-5S-17-09208-012 SUBDIVISION PROPOSED ALDINE FEAGLE S/D UNRC. PARCEL  
LOT F BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 5.06

IH0000436  
Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number \_\_\_\_\_ Applicant/Owner/Contractor RK  
EXISTING 04-0512-N BLK \_\_\_\_\_  
Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: 1 FOOT ABOVE ROADCheck # or Cash 9628

## FOR BUILDING &amp; ZONING DEPARTMENT ONLY

Temporary Power \_\_\_\_\_ Foundation \_\_\_\_\_ Monolithic \_\_\_\_\_ (footer/Slab) \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Under slab rough-in plumbing \_\_\_\_\_ Slab \_\_\_\_\_ Sheathing/Nailing \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Framing \_\_\_\_\_ Rough-in plumbing above slab and below wood floor \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Electrical rough-in \_\_\_\_\_ Heat & Air Duct \_\_\_\_\_ Peri. beam (Lintel) \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Permanent power \_\_\_\_\_ C.O. Final \_\_\_\_\_ Culvert \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
M/H tie downs, blocking, electricity and plumbing \_\_\_\_\_ Pool \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Reconnection \_\_\_\_\_ Pump pole \_\_\_\_\_ Utility Pole \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
M/H Pole \_\_\_\_\_ Travel Trailer \_\_\_\_\_ Re-roof \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

BUILDING PERMIT FEE \$ .00 CERTIFICATION FEE \$ .00 SURCHARGE FEE \$ .00  
MISC. FEES \$ 200.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 28.35 WASTE FEE \$ 61.25  
FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 339.60  
INSPECTORS OFFICE \_\_\_\_\_ CLERKS OFFICE CX

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

## This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



04-0512-N

\*\*\* The well affidavit, from the well driller, is required before the permit can be issued.\*\*\*

\*\*\*This application must be ,completely, filled out to be accepted. Incomplete applications will not be accepted.\*\*\*

For Office Use Only

Zoning Official BLK 5-4-04 Building Official PK 55-0

AP# 0404-106 Date Received 4/30/04 By LT Permit # 21843

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

Comments \_\_\_\_\_

*PREL "F" South Aldine Feagle Prop % unrecorded*

- Property ID # 11-55-17-09208-012 \*(Must have a copy of the property dee
- New Mobile Home \* Used Mobile Home \_\_\_\_\_ Year 2003
- Applicant KEN LAKE Phone # 352-620-8889
- Address P.O. Box 684 SPARR FL. 32192
- Name of Property Owner LEE, PITTMAN Phone# NPL
- Address 5632 SPRING PARK Rd. JAX, FL. 32216
- Name of Owner of Mobile Home LEE, PITTMAN Phone # NPL
- Address (911) 145 PRECIOUS Ct. LAKE City, FL. 32025
- Relationship to Property Owner \_\_\_\_\_
- Current Number of Dwellings on Property 1
- Lot Size 331' X 664' Total Acreage 5.04 ACRES
- Current Driveway connection is PRECIOUS ST
- Is this Mobile Home Replacing an Existing Mobile Home NO OLD HOME TO BE DEMO  
WILL BE DEMOLISHED
- Name of Licensed Dealer/Installer KENNETH LAKE Phone # 352-620-8889
- Installers Address P.O. Box 684 SPARR, FL. 32192
- License Number TH00004316 Installation Decal # 219562

\*\*\*The Permit Worksheet (2 pages) must be submitted with this application.\*\*\*

\*\*\*Installers Affidavit and Letter of Authorization must be notarized when submitted.\*\*\*

PERMIT NUMBER

Installer Kenneth LAKE License # 140000436

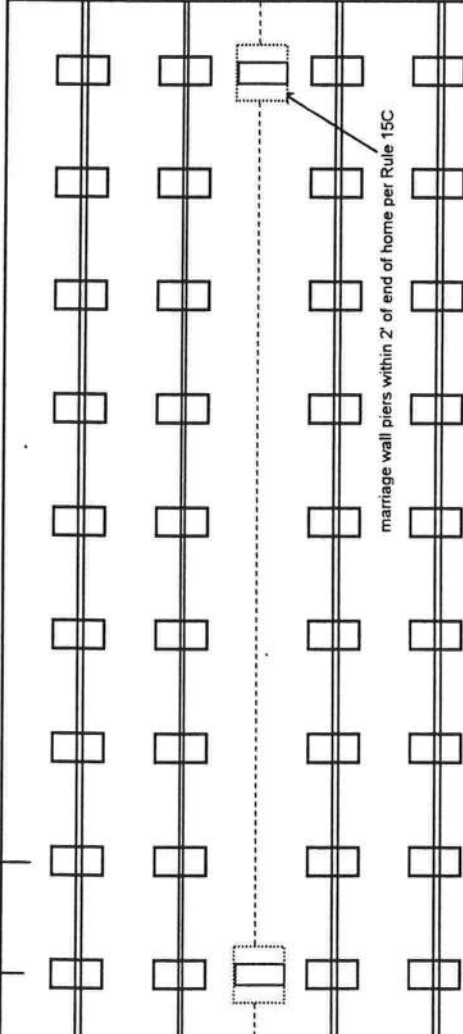
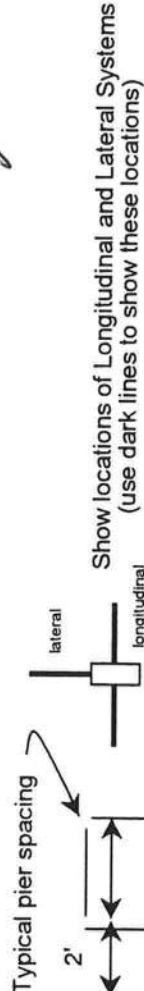
Address of home being installed 145 Precious Pt.

Manufacturer Nobility Length x width 62 x 28

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 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 # 219562

Triple/Quad ☐ Serial # N19323 A:B

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'	8'	8'	8'
2000 psf	6'	8'	8'	8'	8'	8'	8'
2500 psf	7'6"	8'	8'	8'	8'	8'	8'
3000 psf	8'	8'	8'	8'	8'	8'	8'
3500 psf	8'	8'	8'	8'	8'	8'	8'

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

PIER PAD SIZES

I-beam pier pad size 17X22

Perimeter pier pad size

Other pier pad sizes (required by the mfg.) 21X29

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

183"

Pier pad size

21X29

136"

21X29 OAL STACKED

4 ft 5 ft

FRAME TIES

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

TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD)

Manufacturer

Longitudinal Stabilizing Device w/ Lateral Arms

Manufacturer 1101 V OLIVER

OTHER TIES

Number

Sidewall

Longitudinal

Marriage wall

Shearwall

N/A  
N/A  
per HANCOCK



PERMIT NUMBER

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 1101' OLIVER 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. 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

Kenneth Lake

Date Tested

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. 14

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 14

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 14

Site Preparation

Debris and organic material removed ☒  
Water drainage: Natural ☒ Swale \_\_\_\_\_ Pad \_\_\_\_\_ Other \_\_\_\_\_

Fastening multi wide units

Floor: Type Fastener: 3/8 x 6" LAGS Length: \_\_\_\_\_ Spacing: 24" OC  
Walls: Type Fastener: 3/8 x 6" LAGS Length: \_\_\_\_\_ Spacing: 24" OC  
Roof: Type Fastener: 6d GALVANIZED Length: 62" 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. KL

Installer's initials

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 ☒  
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

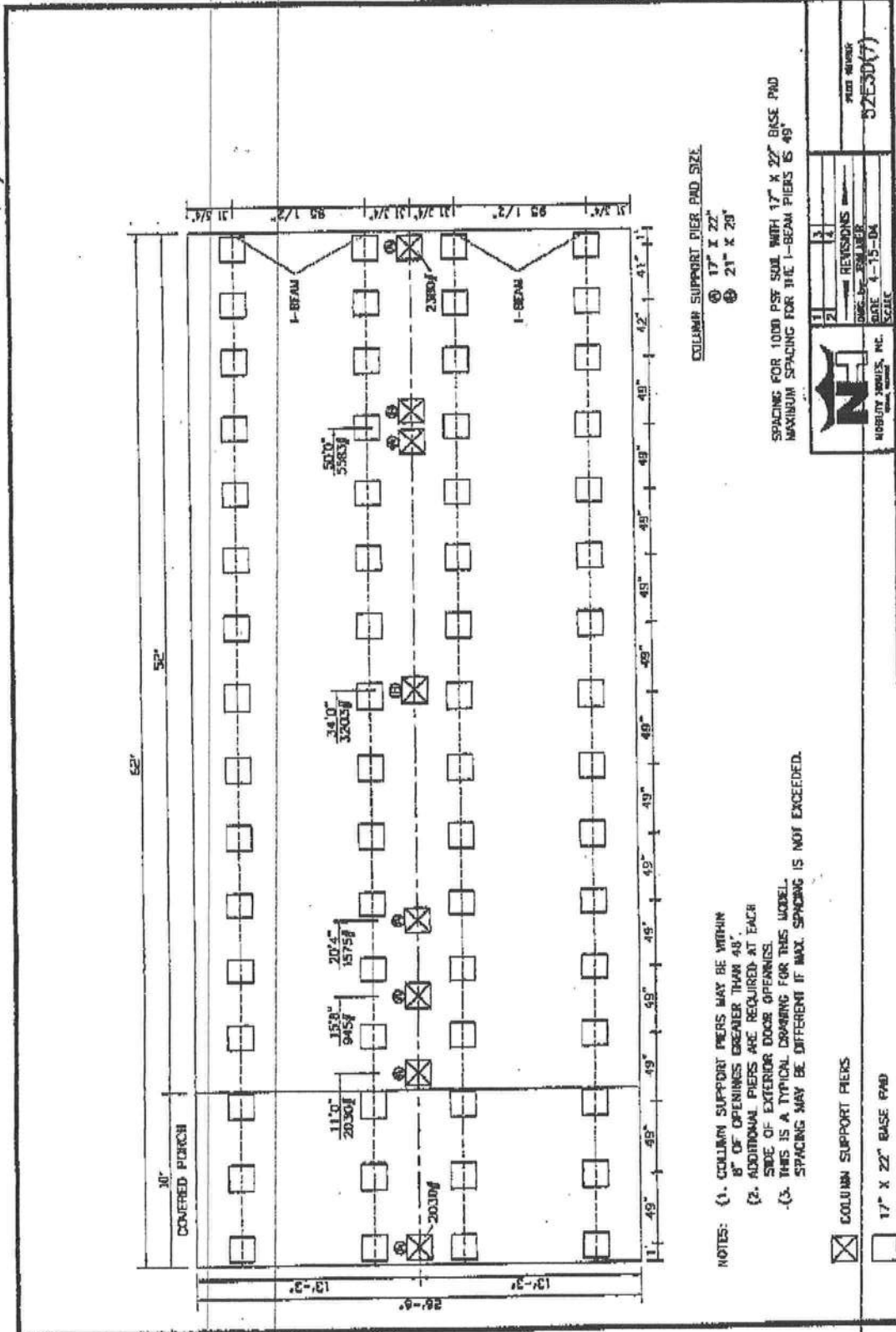
Installer Signature

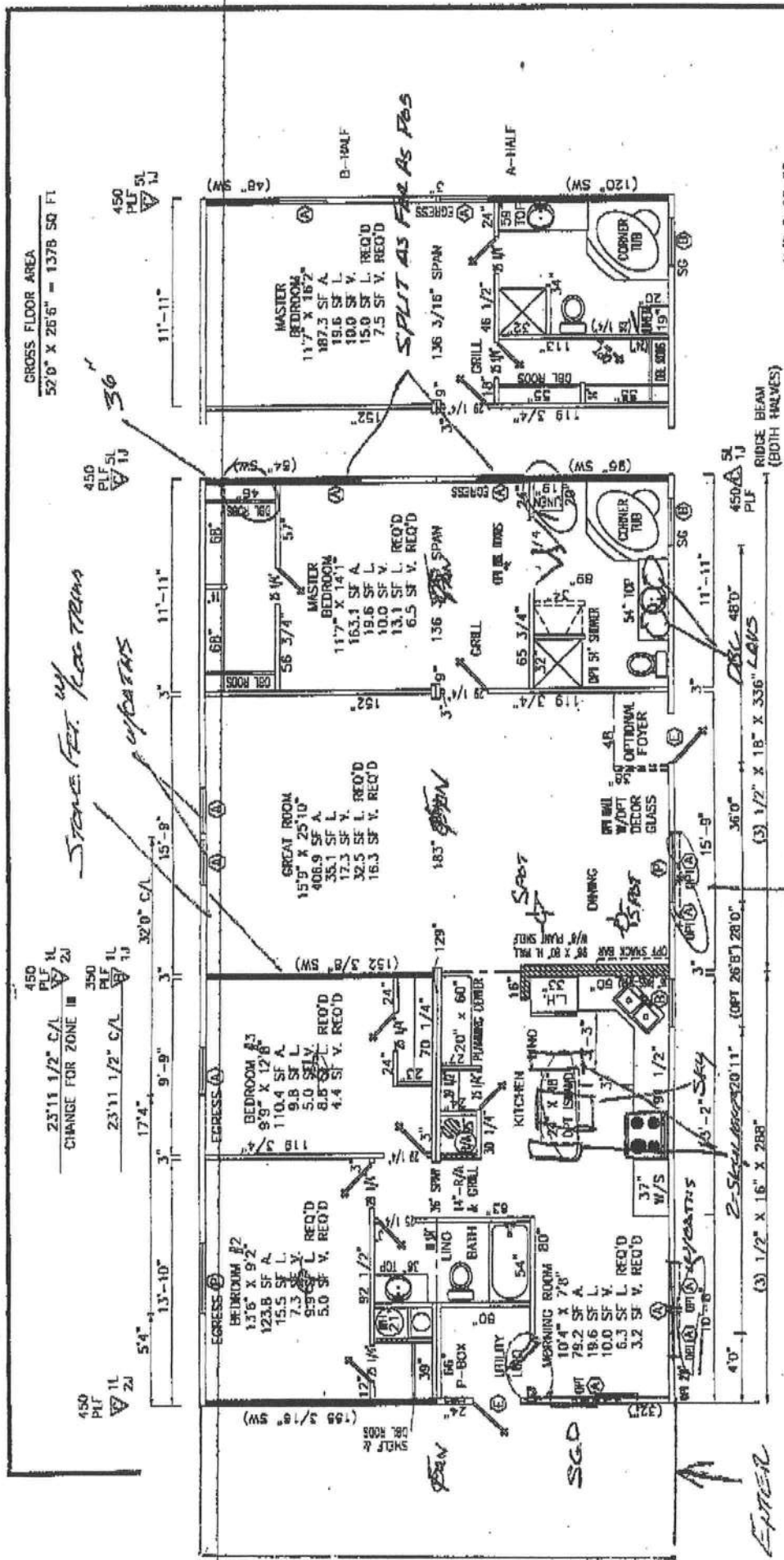
Kenneth V. Lake

Date

Clint w/ 10' patch

17x22





ZONE II & ZONE III

[illegible]

Royce R  
4/4/04

WARRANTY DEED  
INDIVID. TO INDIVID

This Warranty Deed Made the 28th day of December

A. D. 2001 by

VICTORIA F. PITTMAN, Unmarried widow of LEE S. PITTMAN

hereinafter called the grantor, to LEE D. PITTMAN

whose postoffice address is 5632 Spring Park Road Jacksonville, FL 32216  
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

**Witnesseth:** That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, releases, relays, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz: LOT F SOUTH, ALDINE FEAGLE PROPERTY

TOWNSHIP 5 SOUTH, RANGE 17 EAST

Section 11: The S1/2 of E1/2 of W1/2 of NE1/4 of SW1/4, subject to County road right-of-way along the South side thereof, and subject to a perpetual Ingress-Egress Easement as recorded in O.R. Book 850, Page 4097 and subject to Restrictions as recorded in O.R. Book 849, Pages 2426-2431, and subject to Power Line Easement, containing 5.06 acres more or less.

THIS CONVEYANCE IS SUBJECT TO a mortgage dated December 22, 1997 given to Subrandy Limited Partnership by Lee S. Pittman and Victoria F. Pittman incumbering the property described herein, said mortgage being recorded in O.R. Book 851, pages 861-862, and securing a note in the amount of \$26,500.00. The grantor herein assumes and agrees to make all payments due under said mortgage and note and to abide by all of the terms and conditions contained therein. Said mortgage has an unpaid principle balance in the amount of \$23,607.49, with the next ensuing payment of principle and interest to be due February 1, 2002.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in any wise appertaining.

To Have and to Hold, the same in fee simple forever.

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 accruing subsequent to December 31, 2001.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Nanci L. Griffin

Witness: Nanci L. Griffin

Witness: Bradley N. Dicks

STATE OF Florida  
COUNTY OF Columbia

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared Victoria F. Pittman

to me known to be the person described to and who executed the foregoing instrument and she acknowledged before me that she executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this

A. D. 19

NOTARY PUBLIC

TO: 1 352 343 0437

3867586750

APR-14-2004 12:54 FROM:DICKS REALTY



State of Florida  
DEPARTMENT OF  
HIGHWAY SAFETY AND MOTOR VEHICLES

TALLAHASSEE, FLORIDA 32399-0500

FRED Q. 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  
ENGINEERS 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) Survival 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.



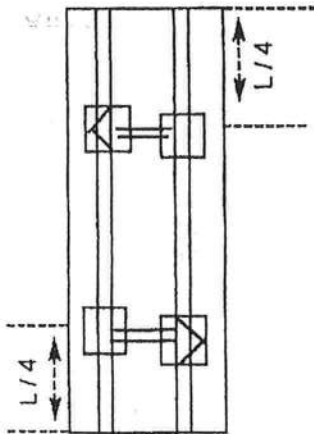
MANUFACTURED HOUSING FOUNDATION SYSTEMS  
A DIVISION OF OLIVER TECHNOLOGIES, INC.

1-800-284-7437

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

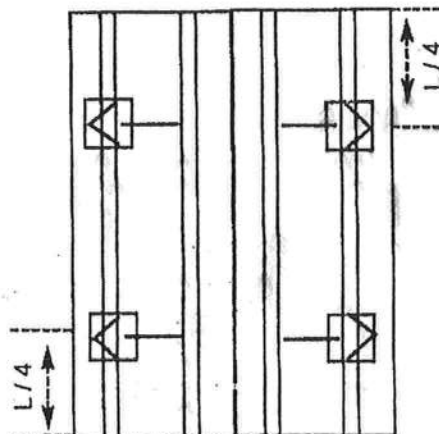
# REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" BRACES

## SINGLE SECTION



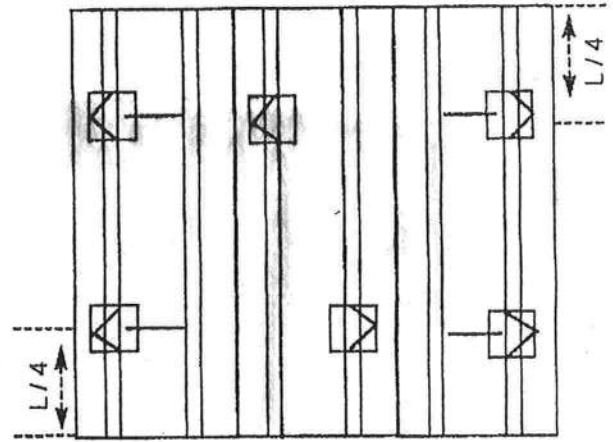
SINGLE SECTION ALL WIDTHS UP TO 76'

## DOUBLE WIDES



DOUBLE WIDES ALL WIDTHS UP TO 76'

## TRIPLE WIDES

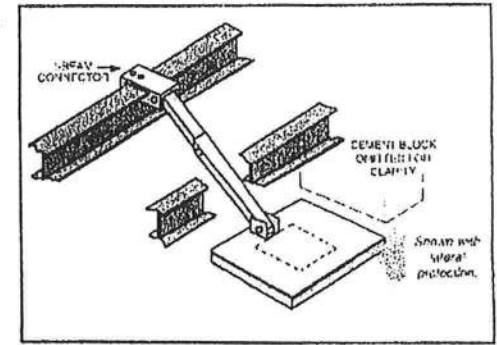


TRIPLE WIDES ALL WIDTHS UP TO 76'

**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:

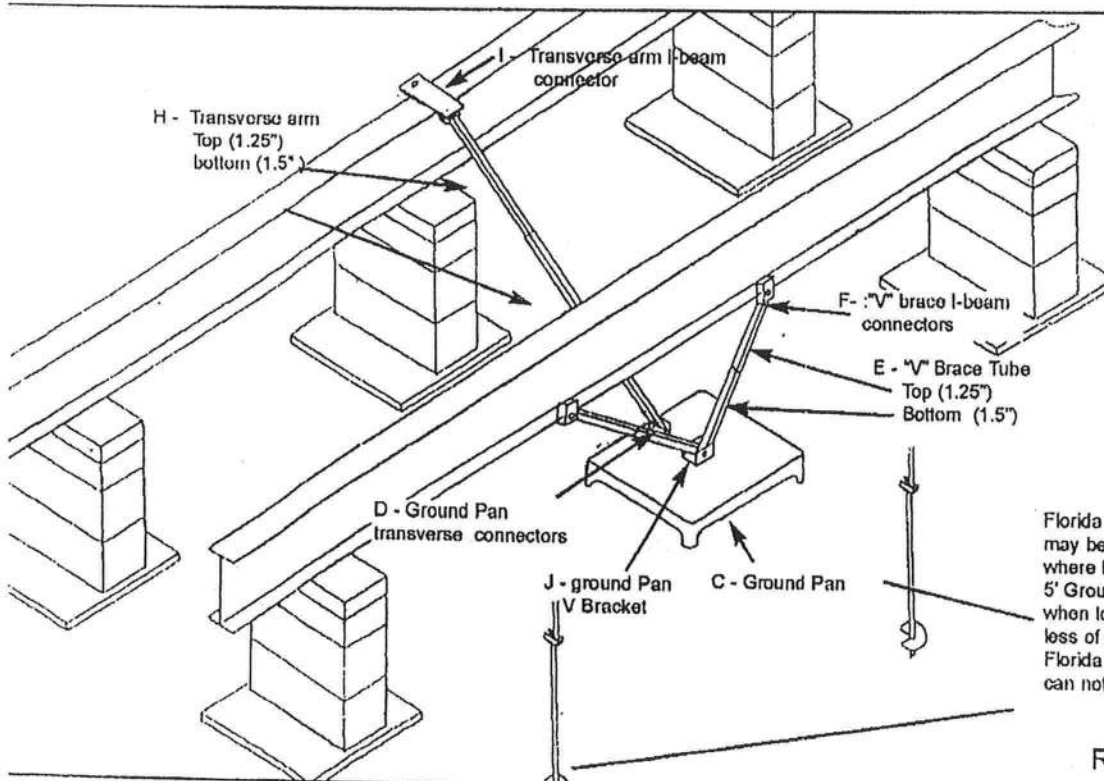
1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
2.  $L/4$  = LENGTH OF THE HOUSE (FLOOR) DIVIDED BY 4.
3. = LOCATION OF ASF MODEL 1101 "V" (LATERAL & LONGITUDINAL BRACING).
4. = LOCATION OF MODEL 1101-L "V" (LONGITUDINAL BRACING ONLY).
5. = LOCATION OF MODEL 1101 "V" (TRANSVERSE ARM ONLY).



Model# 1101 "V" Transverse 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.

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

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 *PB*  
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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  - e) Location is within 1500 feet of coast

**INSTALLATION OF GROUND PAN**

2. Remove weeds and debris in an approximate two foot square to expose firm soil for each ground pan (C) .
3. Place ground pan (C) directly below chassis I-beam . Press or drive pan firmly into soil until flush 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 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 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. 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.



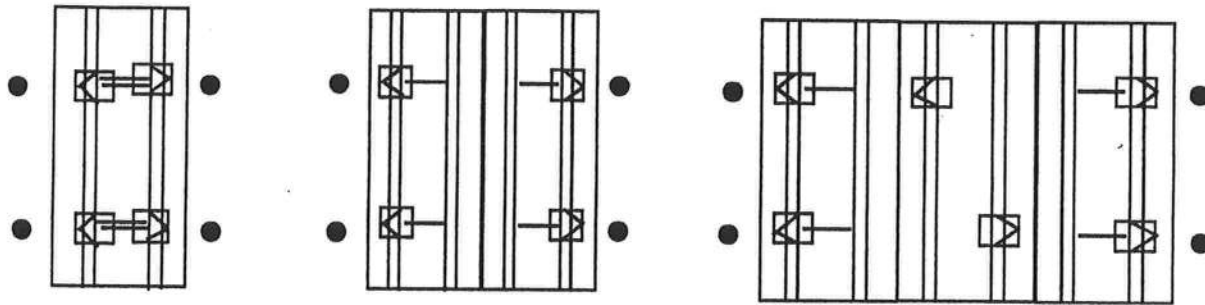
MANUFACTURED HOUSING FOUNDATION SYSTEMS  
A DIVISION OF OLIVER TECHNOLOGIES, INC.  
1-800-284-7437

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

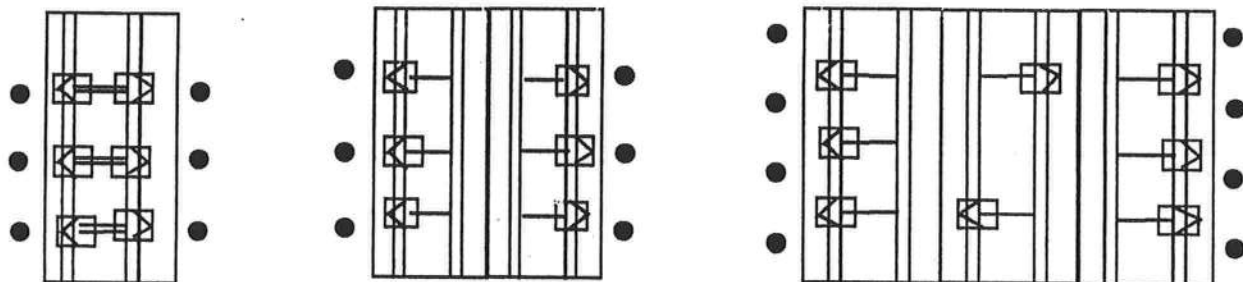
Page 21

# REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" BRACES FOR UP TO 4/12 ROOF PITCH

ALL WIDTHS; AND LENGTHS UP TO 52'

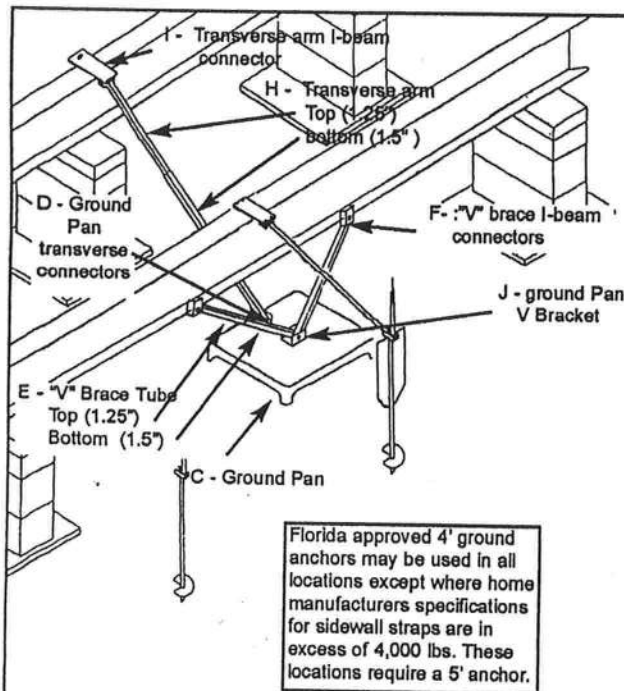


ALL WIDTHS; AND LENGTHS OVER 52' TO 80'



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

6 systems for home lengths up to 52' and 8 systems for homes over 52' and up to 80'. One stabilizer plate and frame tie required at each lateral bracing system.



## NOTES:

1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
2. ● = STABILIZER PLATE AND FRAME TIE LOCATION.
3. = LOCATION OF ASF MODEL 1101"V" (LATERAL & LONGITUDINAL BRACING).
4. = LOCATION OF MODEL 1101-L"V" (LONGITUDINAL BRACING ONLY).

- 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 home manufacturers specifications for sidewall straps are in excess of 4,000 lbs. These locations require a 5" anchor.

PATENT PENDING

REVISED INSTRUCTIONS 6/20/02



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# DIRECT MOBILE CONNECTIONS, Inc.

PAGE 2 CUSTOMER LEE Pittman

DATE 4-23-04

## 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 \$ 5400.00

## 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)..... \$ 5400.00

### NOTES\*

- \* EXTRA WELL DEPTH WILL BE BILLED AT \$ 12.00 PER FOOT
- \* EXTRA DRAINFIELD WILL BE BILLED AT \$ 3.75 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.
- \* EXTRA WATER LINE OVER 100' WILL BE BILLED AT \$ \_\_\_\_\_ PER FOOT.
- \* MOUND TYPE SYSTEM WILL BE PRICED UPON OBTAINING SPECIFICATIONS FROM THE HEALTH DEPARTMENT

### SPECIAL INSTRUCTIONS

## PAYMENTS

WE PROPOSE TO FURNISH MATERIAL AND LABOR AS STATED ABOVE FOR THE SUM OF \$ 5400.00  
PLUS COUNTY IMPACT FEE OF \$ \_\_\_\_\_ WITH PAYMENTS AS FOLLOWS:

DEPOSIT TO BE PAID BY OWNER \$ \_\_\_\_\_ BALANCE DUE ON COMPLETION \$ 5400.00

## TERMS AND CONDITIONS

Site plan is based on information supplied by customer, therefore customer assumes sole responsibility for location of mobile home, set backs, site improvements and zoning requirements. Location of all improvements on site plan are general locations and subject to change at the time of installation due to unusual or unanticipated conditions. Customer understands and agrees to have their electrical service location verified by their power company or will assume responsibility for their chosen location. Additional requirements for flood-prone, environmental sensitive or delineated areas are not included in this package. Direct Mobile Connections, Inc. (DMC) can not guarantee the quantity or quality of any water obtained nor the depth of the well. Customer agrees to hold DMC harmless for damage to driveways, walks, trees, plants, land (including ruts and sinkholes) and buildings caused by moving and using heavy equipment on job site. Customer will be responsible for re-inspection fees caused by rejected items not included in this proposal and failure to have home unlocked for inspector. Charges for additional or extra work are due and payable when they occur. Utility companies deposits, hookup fees and primary service lateral (if needed) are not included and must be paid separately. Contract balance due on completion of the items indicated on this proposal, after 10 days, unpaid balance will be assessed 1.5% per month carrying charge. If it becomes necessary to enforce this contract, customer agrees to pay all cost for collection including a reasonable attorney's fee whether or not suit is filed. In any legal proceeding arising out of this contract, customer agrees that venue shall lie in Marion County, Florida. Customer understands he or she is contracting directly with DMC and is responsible for any unpaid balance until paid in full. All work includes one (1) year parts and labor warranty. All agreements and understandings are contained herein and there are no verbal agreement or representation not herein contained. By signing below, the customer accepts the above prices, specifications and conditions

Customer x L. D. Pittman

Date \_\_\_\_\_

Salesman Ken Lake

Date \_\_\_\_\_





APPROXIMATE SCALE IN FEET  
0 2000

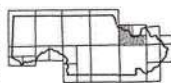
NATIONAL FLOOD INSURANCE PROGRAM

# FIRM FLOOD INSURANCE RATE MAP

COLUMBIA  
COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)

PANEL 250 OF 290

PANEL LOCATION



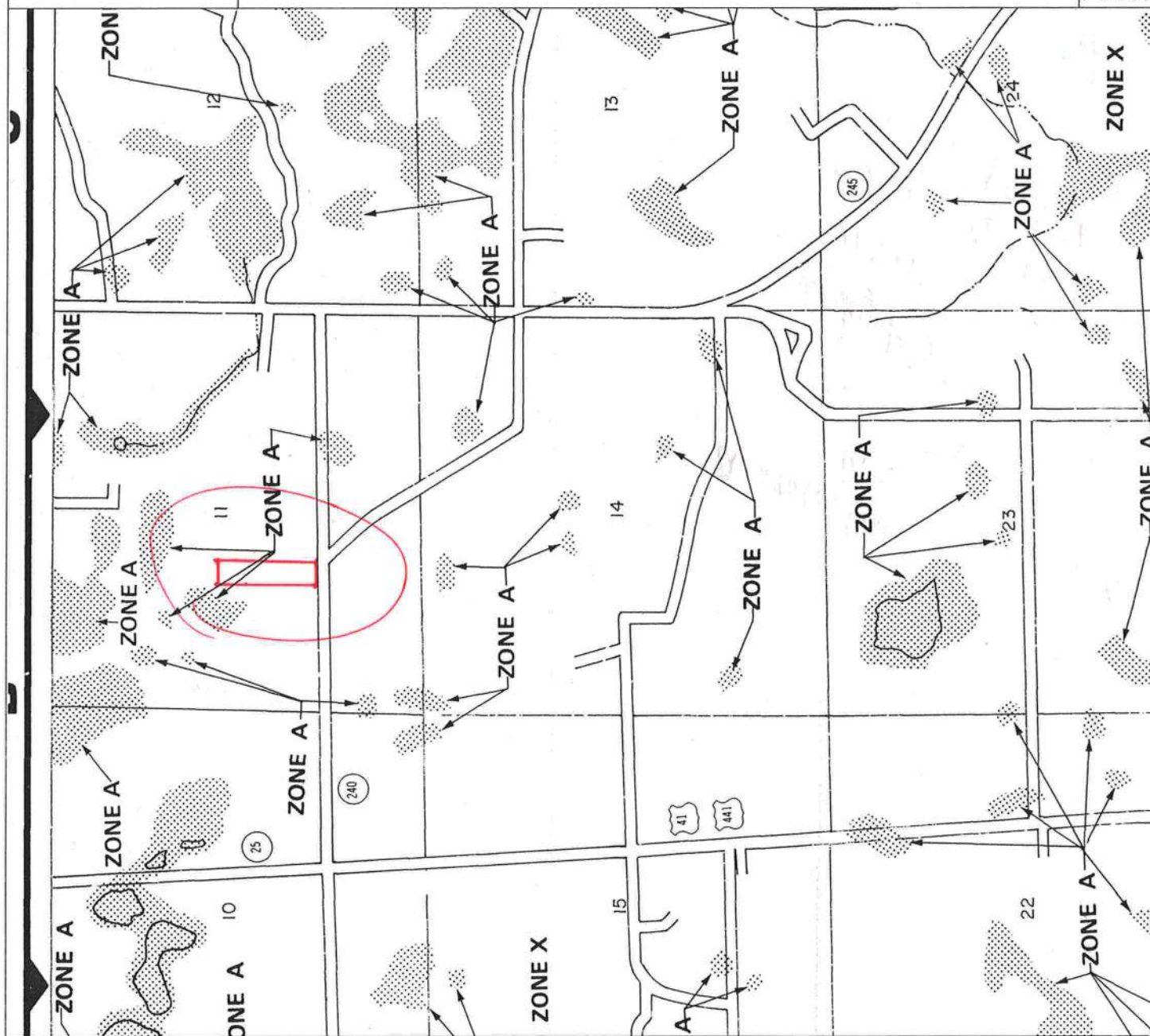
COMMUNITY-PANEL NUMBER  
120070 0250 B  
EFFECTIVE DATE:  
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at [www.fema.gov/mit/tscd](http://www.fema.gov/mit/tscd).

Print Date: 5/5/2004 (printed at scale and type A)







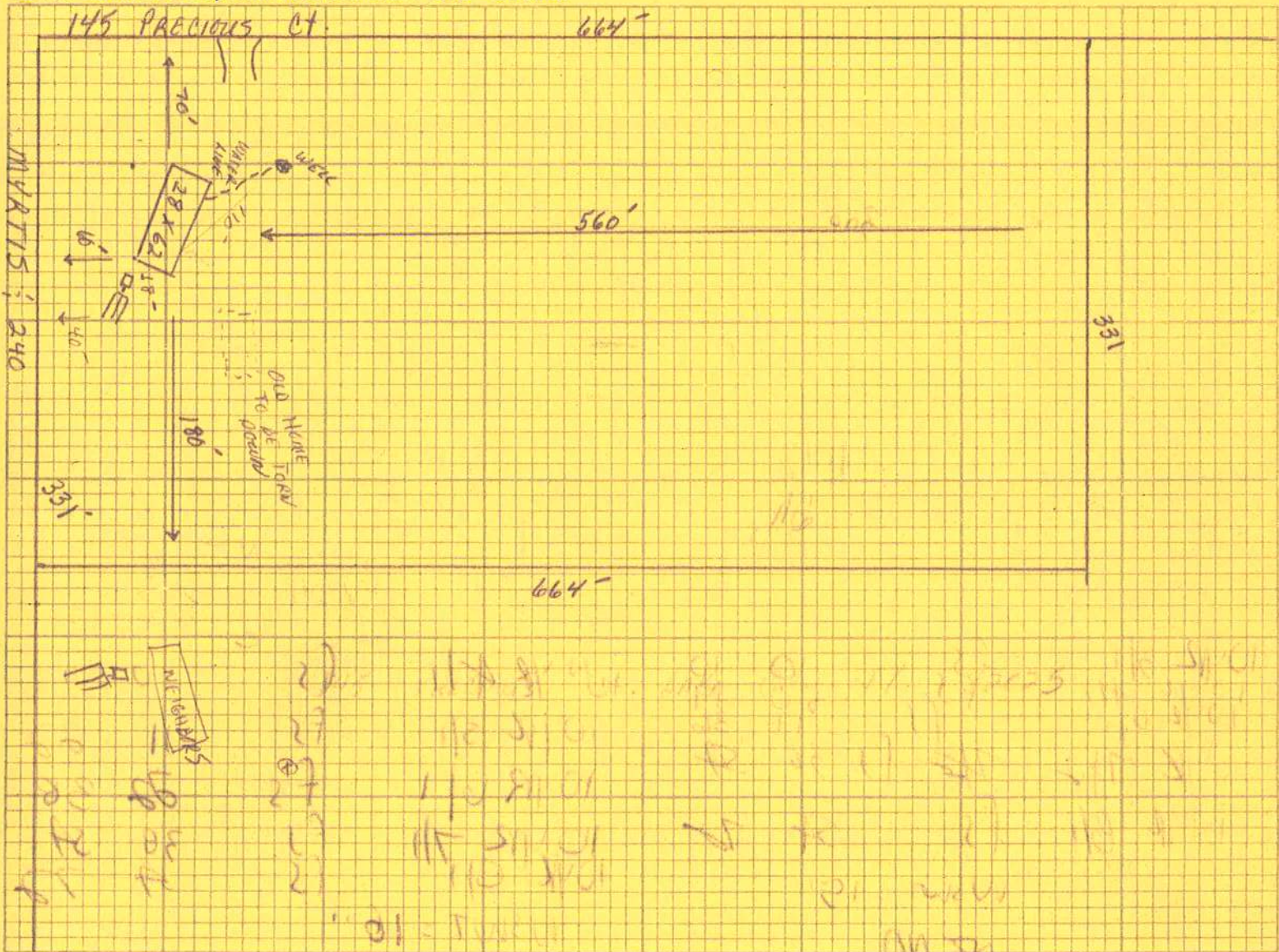
STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 04-0512N

PART II - SITE PLAN

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



Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Site Plan submitted by: Ken Lahr Signature \_\_\_\_\_ Title Agent

Plan Approved ☒ Not Approved \_\_\_\_\_ Date 4/28/04

By Salhi Graddy - ES1 - COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT





**COLUMBIA COUNTY, FLORIDA**

# Department of Building and Zoning Inspection

**This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.**

Parcel Number 11-5S-17-09208-012

Building permit No. 000021843

Permit Holder **KENNETH LAKE**

**Owner of Building**    **LEE PITTMAN**

**Location: 145 PRECIOUS COURT, LAKE CITY, FL**

Date: 06/02/2004

## Building Inspector

**POST IN A CONSPICUOUS PLACE**  
***(Business Places Only)***

