

# PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

**For Office Use Only** (Revised 11-30-07) Zoning Official CFS 12/11/07 Building Official OK JTH 12-10-07

AP# 0712-22 Date Received 12/7/07 By GT Permit # 26515

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

Comments RV must be disconnected from septic & elec.

FEMA Map# \_\_\_\_\_ Elevation (circled) Finished Floor \_\_\_\_\_ River \_\_\_\_\_ In Floodway \_\_\_\_\_

☒ Site Plan with Setbacks Shown ☒ EH # \_\_\_\_\_ ☐ EH Release ☐ Well letter ☒ Existing well

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

☐ State Road Access ☐ Parent Parcel # \_\_\_\_\_ ☐ STUP-MH \_\_\_\_\_

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Property ID # 34-25-16-01844-105 Subdivision Woodblen, Lot 5

- New Mobile Home ☒ Used Mobile Home \_\_\_\_\_ Year 2008
- Applicant CHARLES BENCH Phone # 386 752 8551
- Address 5269 CORDER ST. JACKSONVILLE FL 32205
- Name of Property Owner ROSA and Charles Bench Phone# 904-333-4827 Charles
- 911 Address 166 NW Corwin Glenn Lake City, FL 32055
- Circle the correct power company - FL Power & Light - Clay Electric  
(Circle One) - Suwannee Valley Electric - Progress Energy
- Name of Owner of Mobile Home ROSA and Charles Bench Phone # 904-333 4827  
Address 5269 CORDER ST. JACKSONVILLE
- Relationship to Property Owner Husband & WIFE
- Current Number of Dwellings on Property 0
- Lot Size 340' x 640' Total Acreage 5
- Do you : Have Existing Drive or Private Drive or need Culvert Permit or Culvert Waiver (Circle one)  
(Currently using) (Blue Road Sign) (Putting in a Culvert) (Not existing but do not need a Culvert)
- Is this Mobile Home Replacing an Existing Mobile Home NO (owes)
- Driving Directions to the Property US 41N, Go 3 miles PAST I-10, TURN LEFT ON Fiddlers LN, go 1/2 mile TURN LEFT ON Credo, Go 1/4 mile TURN LEFT ON Corwin Glenn. FIRST DRIVE WAY ON THE RIGHT.
- Name of Licensed Dealer/Installer Wendell Crews Phone # 352-351-6100
- Installers Address 5711 N.E 25th Ave Ocala, FL 34479
- License Number TH0000429 Installation Decal # 291169

1st message 12/12/07

|                           |                               |       |                 |
|---------------------------|-------------------------------|-------|-----------------|
| @ CAM112M01               | CamaUSA Appraisal System      |       | Columbia County |
| 12/07/2007 11:01          | Legal Description Maintenance | 38000 | Land 002 *      |
| Year T Property           | Sel                           |       | AG 000          |
| 2008 R 34-2S-16-01844-105 | ...                           |       | Bldg 000        |
| WOODGLEN S/D              |                               | 800   | Xfea 001 *      |
| BENCH CHARLES W & ROSA L  |                               | 38800 | TOTAL B         |

|    |                            |                        |    |
|----|----------------------------|------------------------|----|
| 1  | LOT 5 WOODGLEN S/D.        | ORB 786-1966, 797-1681 | 2  |
| 3  | WD 1071-2507, WD 1123-2483 |                        | 4  |
| 5  |                            |                        | 6  |
| 7  |                            |                        | 8  |
| 9  |                            |                        | 10 |
| 11 |                            |                        | 12 |
| 13 |                            |                        | 14 |
| 15 |                            |                        | 16 |
| 17 |                            |                        | 18 |
| 19 |                            |                        | 20 |
| 21 |                            |                        | 22 |
| 23 |                            |                        | 24 |
| 25 |                            |                        | 26 |
| 27 |                            |                        | 28 |

Mnt 7/30/2007 THRESA

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

Dec 4. 2007 6:27PM SSQGLG77Q

No. 4007 P. 4

# PERMIT WORKSHEET

Page 1 of 2

**PERMIT NUMBER**

Installer Wendell Cross License # TH000629

Address of home  
being installed

|              |        |                |       |
|--------------|--------|----------------|-------|
| Manufacturer | Horton | Length x width | 56x28 |
|--------------|--------|----------------|-------|

**NOTE:** if home is a single wide fill out one half of the blocking plan  
if home is a trible or quad wide sketch in remainder of home

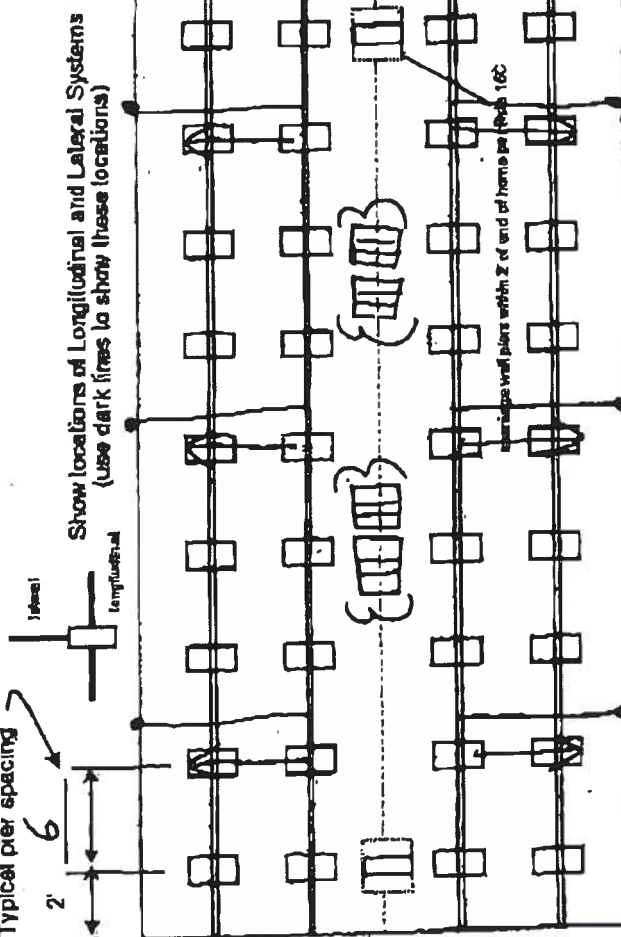
I understand Lateral Arm Systems cannot be used on any home (new or used) where the sidewalk lies above 5 ft 4 in.

## Installer's initials

WC

**Typical pier spacing**

6  
2'



**PIER SPACING TABLE FOR USED HOMES**

| Load bearing capacity | Feeder slots (sq in) | 16" x 16" (250) | 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 1/8"          | 6"                      | 7"              | 8"               | 8"              | 8"              |
| 2000 psf              |                      | 6"              | 8"                      | 8"              | 8"               | 8"              | 8"              |
| 2500 psf              |                      | 7 6/8"          | 8"                      | 8"              | 8"               | 8"              | 8"              |
| 3000 psf              |                      | 8"              | 8"                      | 8"              | 8"               | 8"              | 8"              |
| 3500 psf              |                      | 8"              | 8"                      | 8"              | 8"               | 8"              | 8"              |

|  |                                                  |
|--|--------------------------------------------------|
|  | Interpolated from Pyle 13C-1 plot spacing table. |
|--|--------------------------------------------------|

**PIPER PAD 9259**

11-10-1963

$$21 \times 29$$

## Perimeter pier pad size

N/A

## Other play pad sizes

71x91

(required by the mfg.)

Doors

 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 feet and their pier pad sizes below.

## POPULAR PAD SIZES

| Ped Size          | Sq In |
|-------------------|-------|
| 16 x 16           | 256   |
| 16 x 18           | 288   |
| 18.5 x 18.6       | 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

41 ✓ 59

## QUESTIONS

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

## CALL BEATL

|               |          |
|---------------|----------|
| Sidewall      | Number   |
| Longitudinal  | 5,4" oc  |
| Marriage wall | at loads |
| Shear wall    |          |

## SYSTEM COMPONENTS

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

Dec. 4, 2007 6:27 PM SSGGLG77Q

No. 4007 P. 3

## PERMIT WORKSHEET

page 2 of 2

## PERMIT NUMBER

## POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to put 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 6' 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 sidewalk locations. I understand 6 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 require anchors with 4000 lb holding capacity.

Installer's initials

## ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name

Wendell Crews

Date Tested

12-4-07

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. 123

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 128

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 128

## Site Preparation

Debris and organic material removed ☒

Water drainage: Natural

Swale

Paul

Oil

## Fastening multi-wide units

Floor: Type Fastener: Lag Length: 3/8x5" Spacing: 18"  
 Walls: Type Fastener: Screw Length: #8x4" Spacing: 18"  
 Roof: Type Fastener: Metal Length: 5/8" Spacing: 2"  
 For used homes a min. 30 gauge, 8" wide, galvanized metal strip will be centered over the peak of the roof and fastened with poly roofing nails at 2' on center on both sides of the centerline.

## Gasket (weatherstripping required)

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

WC

Type gasket

Pg. 65

Installed:

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

## Weatherproofing

The bottomboard will be repaired and/or lapped. Yes ☒ Pg. 65  
 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 ☒  
 Dryer vent installed outside of skirting. Yes ☒  
 Range downflow vent installed outside of skirting. Yes ☒  
 Drain lines supported at 4 foot intervals. Yes ☒  
 Electrical crossovers protected. Yes ☒  
 Other: N/A ☒

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

Wendell Crews

Date 12-4-07

Dec. 4. 2007 6:27PM

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No. 4007 P. 5

## Assignment of Authority

I, Wendell Crews, License # TH0000629 do hereby

Authorize Charles Bench to act on my behalf in all

Aspects of pulling a move on permit.

Sworn and Subscribed before me this 4<sup>th</sup> day of December,  
2007. County of Columbia, State of Florida.

Signature [Signature] Date 12-4-07

Notary William P. Crews Commission Expires 8/8/11



WILLIAM P. CREWS  
MY COMMISSION # DD 703246  
EXPIRES: August 8, 2011  
Bonded Thru Budget Notary Services

SEP-25-2007 09:26A FROM:OLIVER TECH

13867192502

TO:13523516103

P.1/1

FAX 352-401-0401



## Installation Instructions for ABS Pads

For use on all Mobile and Manufactured Homes, including  
HUD approved Homes and Modular Housing  
patents 5505500 and other patents pending

### GENERAL INSTRUCTIONS:

1. All pads are to be installed flat side down, ribbed side up.
2. The ground under the pads should be leveled as smooth as possible with all vegetation removed. Pads to be placed on fully compacted or undisturbed soil, at or below the frost-line, or per local jurisdiction.
3. Pier & pad spacing will be determined by the manufacturer's written set-up instructions or any local or state codes.
4. The open cells between the ribbing on the upper side of the pads may be filled with soil or sand after installation to prevent any accumulation of stagnant water in the pads.
5. A pocket penetrometer may be used to determine the actual soil bearing value. If soil-testing equipment is not available, use an assumed soil value of 1000 lbs. / square foot.
6. All pad sizes shown are nominal dimensions and may vary up to 1/8".
7. The maximum deflection in a single pad is 5/8" measured from the highest point to the lowest point of the top face. (NOTE: Actual test results were less than 5/8")
8. In frost areas, a 6" deep confined gravel base installed in well drained, non-frost susceptible soil is recommended.
9. Pad loads are the same when using single stack or double stack blocks.
10. The maximum load at any intermediate soil value may be determined as the average of the next lower and next higher soil value given in the table below.
11. Any configuration (see reverse side) may be used to replace a home manufacturer's recommended concrete or wood base pad.
12. If the home manufacturer shows soil densities greater than 3000 lb. when using ABS pads, do not exceed 3000 lb. soil pier spacings per set up manual.

| Pad Size             | ID No.  | Pad Area    | 1000 PSF Soil | 2000 PSF Soil | 3000 PSF Soil |
|----------------------|---------|-------------|---------------|---------------|---------------|
| OVAL 16" x 18.5"     | 1055-23 | 288 sq. in. | 2000 lbs.     | 4000 lbs.     | 6000 lbs.     |
| OVAL 17" x 22"       | 1055-16 | 360 sq. in. | 2500 lbs.     | 5000 lbs.     | 7500 lbs.     |
| OVAL 17.5" x 22.5"   | 1055-21 | 384 sq. in. | 2667 lbs.     | 5334 lbs.     | 8000 lbs. *   |
| OVAL 17.5" x 25.5"   | 1055-17 | 432 sq. in. | 3000 lbs.     | 6000 lbs.     | 9000 lbs. *   |
| OVAL 21" x 29"       | 1055-22 | 576 sq. in. | 4000 lbs.     | 8000 lbs. *   | 12000 lbs. *  |
| OVAL 23.25" x 31.25" | 1055-20 | 675 sq. in. | 4694 lbs.     | 9388 lbs. *   | 9388 lbs. *   |

| Pad Size      | ID No.  | Pad Area    | 1000 PSF Soil | 2000 PSF Soil | 3000 PSF Soil |
|---------------|---------|-------------|---------------|---------------|---------------|
| 16" x 16"     | 1055-14 | 256 sq. in. | 1780 lbs.     | 3560 lbs.     | 5333 lbs.     |
| 18.5" x 18.5" | 1055-9  | 342 sq. in. | 2375 lbs.     | 4750 lbs.     | 7100 lbs. *   |
| 20" x 20"     | 1055-7  | 400 sq. in. | 2750 lbs.     | 5500 lbs.     | 8250 lbs. *   |
| 24" x 24"     | 1055-13 | 576 sq. in. | 4000 lbs.     | 8000 lbs. *   | 8000 lbs. *   |

\* Concrete blocks are required to be double blocked.

13. ALABAMA ONLY: The 16" x 16" ID# 1055-14, 16" x 18.5" ID# 1055-23, 17" x 22" ID# 1055-16, 17.5" x 22.5" ID# 1055-21, 17.5" x 25.5" ID# 1055-17 are the only pads approved in the state of Alabama, and must not have more than 5/8" deflection. See chart below for details on correct installation in Alabama.

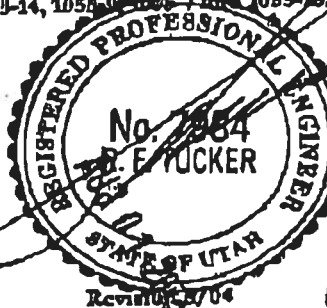
14. TEXAS ONLY: 17.5" x 22.5" ID# 1055-21 and 23.25" x 31.25" ID# 1055-20 may not be installed in the State of Texas.

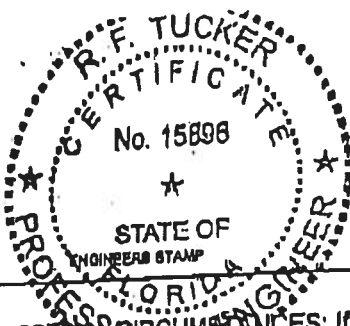
15. Steel Piers: All pads are topped with steel piers on 1000 PSF soil density unless otherwise noted. (#16)

16. Available pads tested on 2000 PSF soil density are: ID#s 1055-14, 1055-9, 1055-7 and 1055-13.

Example: 16' x 80' section

| PAD SIZE               | 1000 Lb Psf | 2000 Lb Psf |
|------------------------|-------------|-------------|
| 16" x 16" Pad          | 2'9"        | 5' 6"       |
| 16" x 18.5" Oval Pad   | 3' 0"       | 6' 0"       |
| 17" x 22" Oval Pad     | 3'9"        | 7' 6"       |
| 17.5" x 22.5" Oval Pad | 4' 0"       | 8' 0"       |
| 17.5" x 25.5" Oval Pad | 4'5"        | 8' 0"       |
| 21" x 29" Oval Pad     | 6' 0"       | 8' 0"       |





OLIVER TECHNOLOGIES, INC.  
 FLORIDA-INSTALLATION INSTRUCTIONS FOR THE  
**MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM**  
 MODEL 1101 "V" (STEPS 1-18)  
 MODEL 1101-L "V" LONGITUDINAL ONLY:  
 FOLLOW STEPS 1-9  
 FOR ADDING LATERAL ARM:  
 Follow Steps 10-15

ENGINEERS STAMP

1. 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 78' c) Roof eaves exceed 16" d) Sidewall height exceed 96"  
 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 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 176 & 278 A 6 FOOT ANCHOR MUST BE USED. IF PROBE TEST READINGS ARE BETWEEN 278 & 350 A 4 FOOT ANCHOR MAY BE USED, USE GROUND ANCHORS WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 6'4". VERTICAL TIES ARE ALSO REQUIRED 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<br>(Approx. 45 degrees Max.) | 1.25" ADJUSTABLE<br>Tube Length | 1.50" ADJUSTABLE<br>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.  
**NOTE:** THE USE OF THIS SYSTEM REQUIRES VERTICAL TIES SPACED AT 6'4".

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 6' anchor.  
 11. **NOTE:** Each system is required to have a frame tie and stabilizer attached at each lateral arm stabilizing location. This frame tie & stabilizer plate needs to be located within 18" from of center ground pan.  
 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.



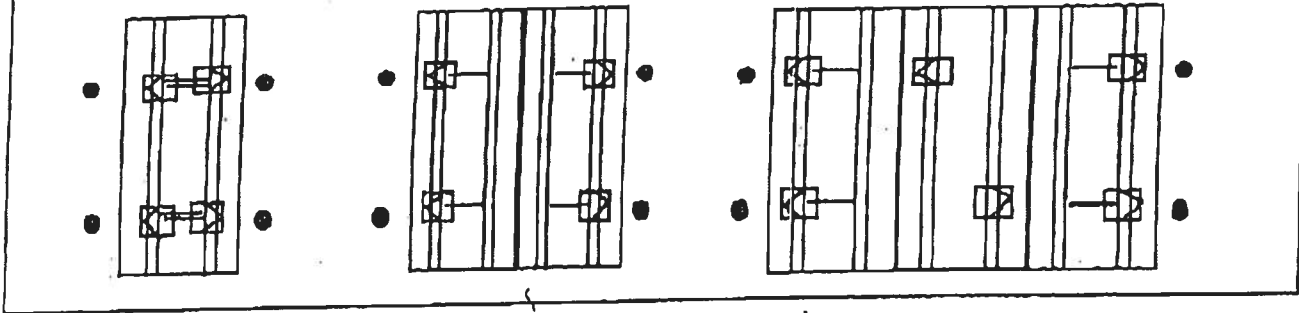
MANUFACTURED HOUSING FOUNDATION SYSTEMS  
 A DIVISION OF OLIVER TECHNOLOGIES, INC.  
 1-800-284-7437

Telephone: 931-788-4555  
 Fax: 931-786-8811  
 www.olivertechnologies.com

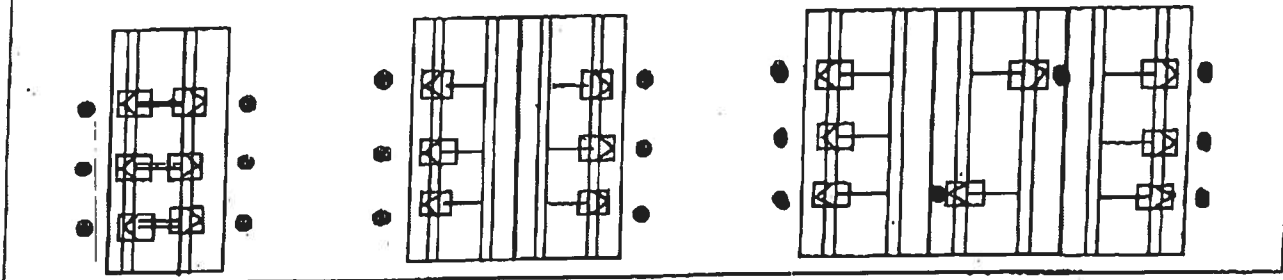


# REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" BRACES FOR UP TO 4/12 ROOF PITCH

## ALL WIDTHS; AND LENGTHS UP TO 52'

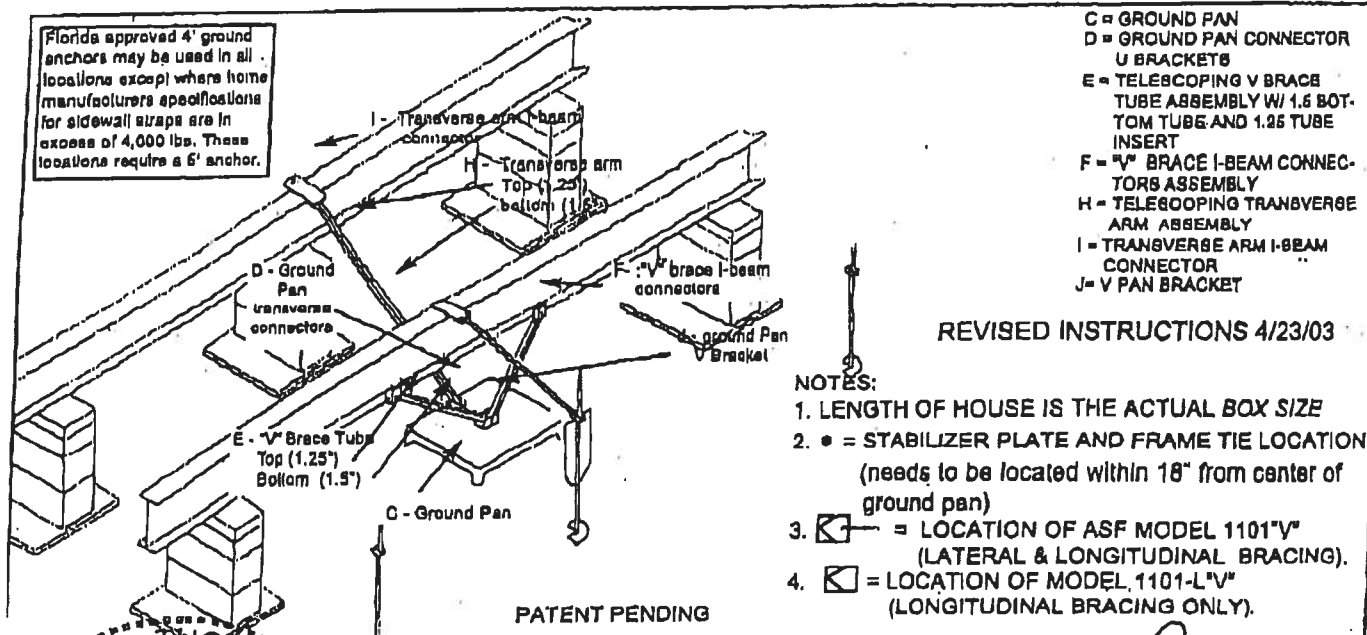


## ALL WIDTHS; AND LENGTHS OVER 52' TO 80'



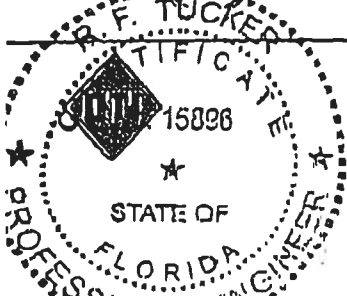
HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS

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.



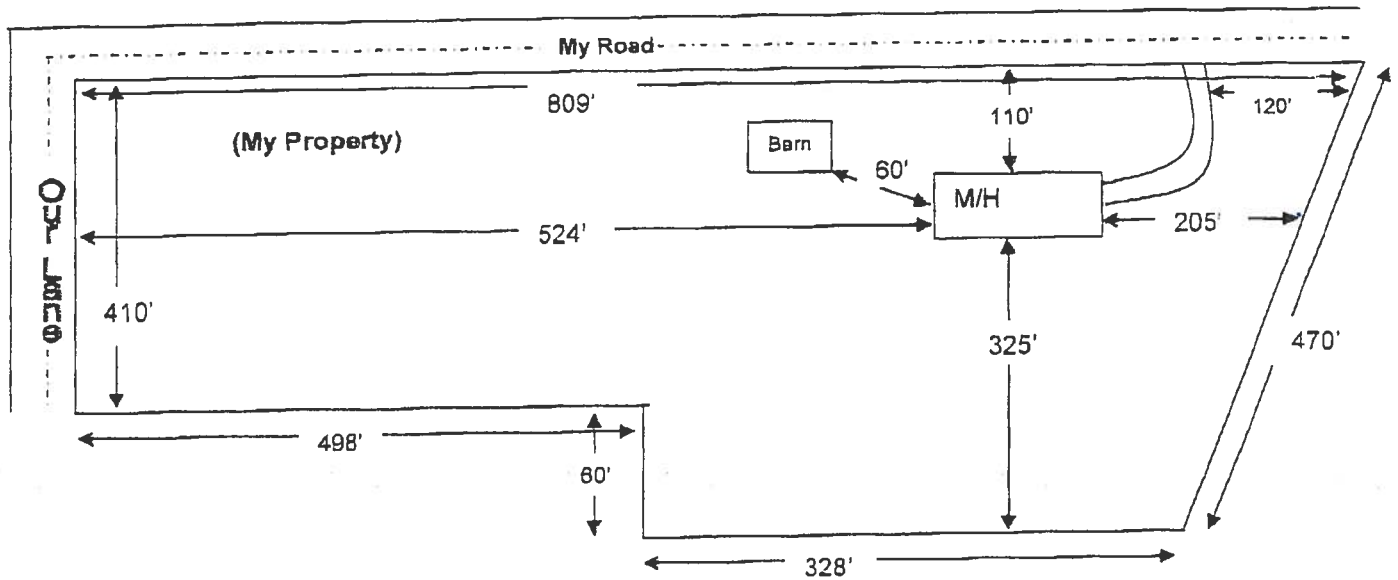
MANUFACTURED HOUSING FOUNDATION SYSTEMS  
A DIVISION OF OLIVER TECHNOLOGIES, INC.  
1-800-284-7437

Telephone: 931-788-4665  
Fax: 931-788-8811  
www.olivertechnologies.com

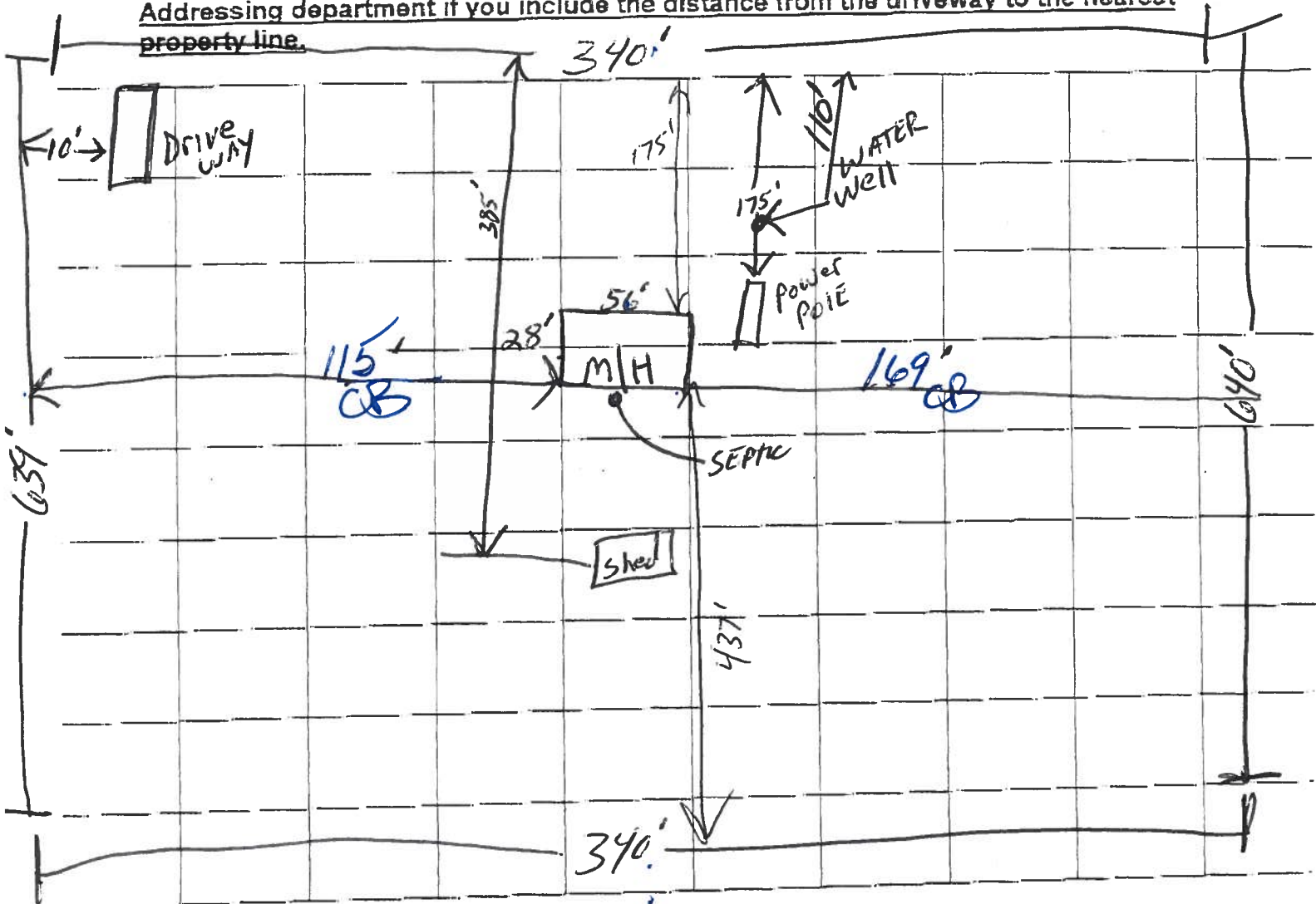




# SITE PLAN EXAMPLE / WORKSHEET



Use this example to draw your own site plan. Show all existing buildings and any other homes on this property and show the distances between them. Also show where the roads or roads are around the property. This site plan can also be used for the 911 Addressing department if you include the distance from the driveway to the nearest property line.











STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

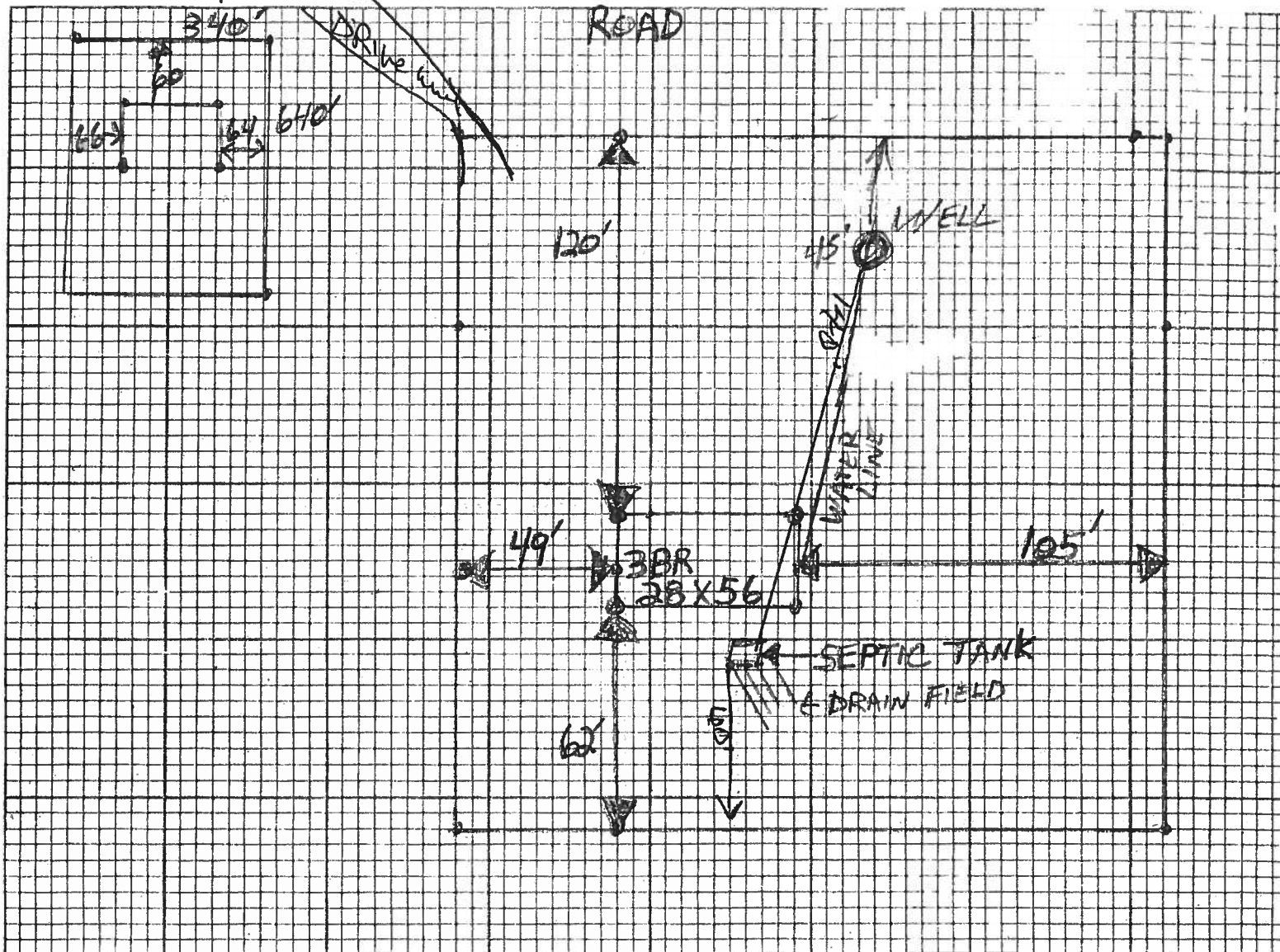
0712-22

NA

Permit Application Number 07-0963E

PART II - SITE PLAN -

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



Notes:

Site Plan submitted by: Charles Beach Signature

Home owner Title

Plan Approved APPROVED Not Approved

Date 12/17/7

By [Signature] **Columbia CHD** County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

**COLUMBIA COUNTY  
FLORIDA  
CITY**

**M/H O C C U P A N C Y**

**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 34-2S-16-01844-105

Building permit No. 000026515

Permit Holder WENDELL CREWS

Owner of Building ROSA & CHARLS BENCH

Location: 166 NW CORWIN GLEN, LAKE CITY, FL



Date: 01/09/2008

Building Inspector

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