

DATE 10/08/2009

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000028132

APPLICANT BO ROYALS PHONE 754-6737
ADDRESS 4063 US HIGHWAY 90W LAKE CITY FL 32055
OWNER MARY TYAN PHONE 954 258-9603
ADDRESS 308 SE LOXLEY GLEN LAKE CITY FL 32024
CONTRACTOR MANUEL BRANNAN PHONE 590-3289
LOCATION OF PROPERTY 441S, TL ON MOONLIGHT DR. TR SHADOW WOOD, TL LAXLEY
GLEN, 2ND LOT ON RIGHT
TYPE DEVELOPMENT MH,UTILITY ESTIMATED COST OF CONSTRUCTION 0.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING A-3 MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 27-6S-17-09784-116 SUBDIVISION SHADOW WOOD
LOT 16 BLOCK PHASE UNIT 2 TOTAL ACRES 5.05

IH0000868
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 09-497 CB WR Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 29761

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 0.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 300.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 77.00 WASTE FEE \$ 201.00
FLOOD DEVELOPMENT FEE \$ 25.00 FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 653.00
INSPECTORS OFFICE CH CLERKS OFFICE

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

let 29761 Mary P Ryan
PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

For Office Use Only (Revised 1-10-08)

Zoning Official *CSB 10/5/09*

Building Official *WR 10/9/09*

AP# 0909-46

Date Received 9/30/09

By G

Permit # 28132

Flood Zone X

Development Permit ---

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 # 09-0497

☐ EH Release

☒ Well letter

☐ Existing well

☒ Recorded Deed or Affidavit from land owner

☒ Letter of Auth. from installer

☐ State Road Access

☐ Parent Parcel # _____

☐ STUP-MH _____

☐ F W Comp. letter

IMPACT FEES: EMS _____

Fire _____

Corr _____

Road/Code _____

School _____

= TOTAL _____

Property ID # 27-65-17-09784-116

Subdivision SHADOW WOOD *S/D Lot 16 Unit 2*

☒ New Mobile Home ☐ Used Mobile Home _____ MH Size 28x48 Year 2010

Applicant William "Bo" ROYALS Phone # 754-6737

Address 4068 U.S. Hwy 90 West Lake City, FL. 32053

Name of Property Owner MARY P RYAN Phone# (954) 258-9603

911 Address 308 SE LOXLEY GLEN, Lake City FL 32024

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

Name of Owner of Mobile Home MARY P RYAN Phone # (954) 258-9603
Address 17686 155th Pl. LIVE OAK, FL. 32060

Relationship to Property Owner _____

Current Number of Dwellings on Property 0

Lot Size _____ Total Acreage 5.05

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 *(Cares) Monlight Dr*

Driving Directions to the Property 4th SOUTH TO SHADOW WOOD *S/D* TURN LEFT
GO TO THE FORK *TR SHADOW WOOD DR.* TURN LEFT. GO TO TO LAXLEY GLEN
TURN LEFT 2ND LOT ON RIGHT.

Name of Licensed Dealer/Installer Manuel Brannen Phone # 590-3289

Installers Address 5107 CR 252 Welborn Fla. 32094

License Number 0000868 Installation Decal # 305037

Columbia County Property Appraiser

DB Last Updated: 7/22/2009

2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 27-6S-17-09784-116

Owner & Property Info

Owner's Name	RYAN MARY P		
Site Address	LT 15 SHADOW WOOD U2		
Mailing Address	7030 PARK STREET HOLLYWOOD, FL 33024		
Use Desc. (code)	VACANT (000000)		
Neighborhood	027617.01	Tax District	3
UD Codes	MKTA02	Market Area	02
Total Land Area	5.050 ACRES		
Description	LOT 16 SHADOW WOOD S/D UNIT 2. ORB 756-1532, 803-2187		

<< Prev

Search Result: 3 of 12

Next >>

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$38,859.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$38,859.00

Just Value	\$38,859.00
Class Value	\$0.00
Assessed Value	\$38,859.00
Exemptions	\$0.00
Total Taxable Value	County: \$38,859.00 City: \$38,859.00 Other: \$38,859.00 School: \$38,859.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
11/27/1992	803/2187	WD	V	Q		\$15,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	0000005.050 AC	1.00/1.00/1.00/1.00	\$7,695.00	\$38,859.00

Columbia County Property Appraiser

DB Last Updated: 7/22/2009

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Next >>

POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to 1500 psf or check here to declare 1000 lb. soil without testing.

X 1.5 X 1.5 X 1.5

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.

TORQUE PROBE TEST

The results of the torque probe test is 285 inch pounds or check here if you are declaring 5' anchors without testing. A test showing 275 inch pounds or less will require 5 foot anchors.

Note: A state approved lateral arm system is being used and 4 ft anchors are allowed at the sidewall locations. I understand 5 ft anchors are required at all centerline tie points where the torque test reading is 275 or less and where the mobile home manufacturer may requires anchors with 4000 lb holding capacity.

MB Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name

Manuel Branner

Date Tested

9-22-09

Electrical

Plumbing

Connect electrical conductors between multi-wide units, but not to the main power source. This includes the bonding wire between multi-wide units. Pg. 15C

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 15C

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

Site Preparation

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

Fastening multi wide units

Floor: Type Fastener: 1/4" x 3" Length: 6" Spacing: 18"
Walls: Type Fastener: 5/16" x 3" Length: 4" Spacing: 24"
Roof: Type Fastener: 1/4" x 3" Length: 6" Spacing: 24"
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 MB

Installed:

Type gasket foam
Pg. factory
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 Manuel Branner Date 9-22-09

PERMIT NUMBER

Installer Manuel Branan License # 0000868

Address of home being installed _____

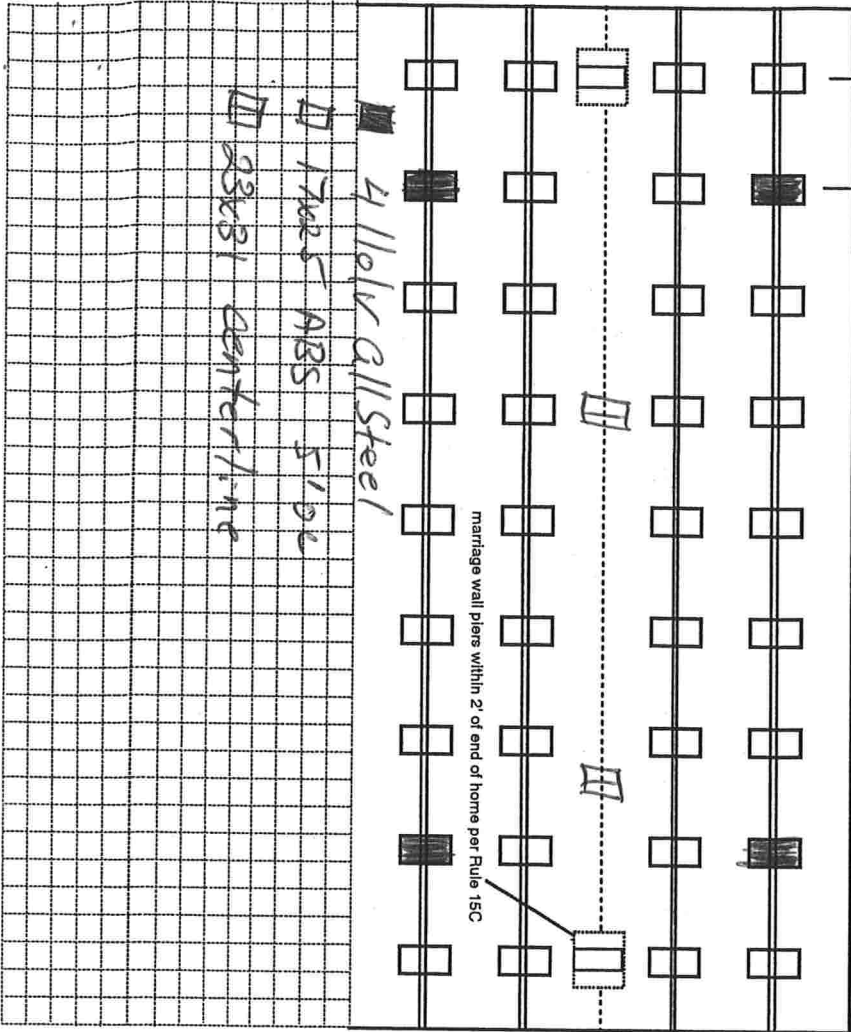
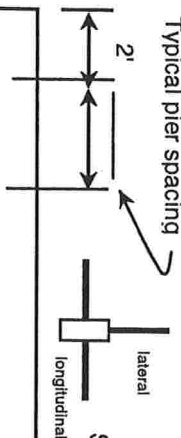
Manufacturer Horton Length x width 28 x 48

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 MB

Show locations of Longitudinal and Lateral Systems (use dark lines to show these locations)



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 # 305037

Triple/Quad ☐ Serial # _____

Roof System: ☒ Typical ☐ Hinged

PIER SPACING TABLE FOR USED HOMES

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

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

PIER PAD SIZES

I-beam pier pad size 17x25
 Perimeter pier pad size 16x14
 Other pier pad sizes (required by the mfg.) 23x31

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 14' Pier pad size 23x31

ANCHORS

4 ft ☒ 5 ft _____

FRAME TIES

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

TIEDOWN COMPONENTS

OTHER TIES

Longitudinal Stabilizing Device (LSD)

Manufacturer _____

Longitudinal Stabilizing Device w/ Lateral Arms

Manufacturer D.T.

Number 24

Sidewall 4

Longitudinal 4

Marriage wall 4

Shearwall _____

Andrews Site Prep, Inc.

8230 SW SR 121
Lake Butler, Florida 32054

Phone 386-867-0572
Fax 386-496-0985
Paul Stofel Lic # 2901

September 30, 2009

To: Columbia County Environmental Health

We will be drilling a well for Mary Ryan on Loxley Glenn in Lake City, Florida. The well should go approximately 80 feet with a casing depth of 65 feet. We will install a 1hp aermotor pump and a 33 gallon challenger tank.

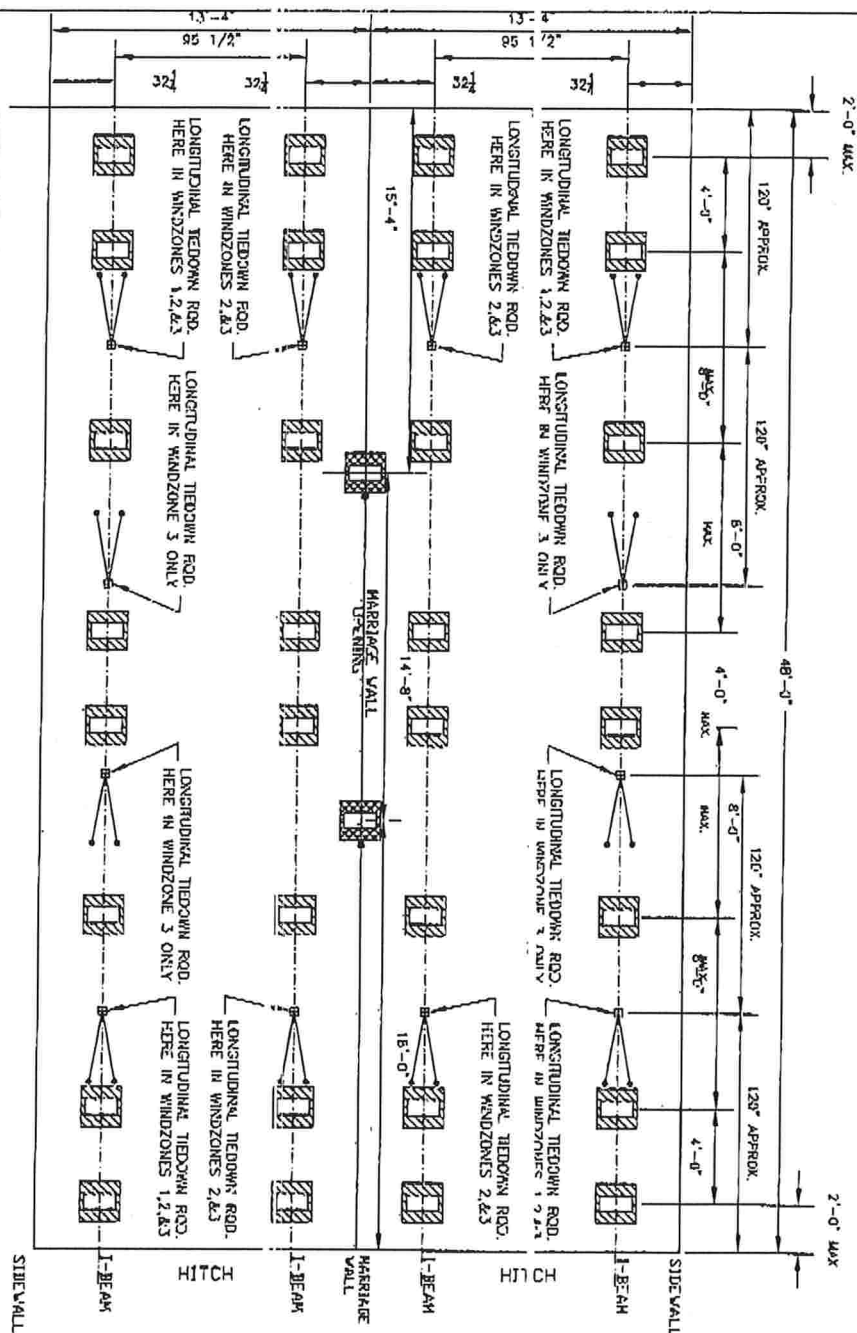
Thank You,

Robert Stofel

27X48 3+2 KWP- FOUNDATION PLAN

NOTES:

1. THIS FOUNDATION DIAGRAM IS FOR 95 1/2" I-BEAM SPACING ONLY.
2. ADDITIONAL PIERS ARE REQUIRED AT EXTERIOR WALL OPENINGS 48" IN WIDTH OR GREATER, (E.G. GLASS SLIDING DOORS AND DOUBLE WINDOWS WITHOUT CENTER SUPPORT POST).
3. ADDITIONAL PIERS ARE REQUIRED AT ENDS OF ALL SHEARWALLS IN ACCORDANCE WITH THE SETUP MANUAL. SHEARWALLS ARE MARKED ON HOUSE WITH GREEN TIE DOWN BRACKETS. REFER TO SETUP MANUAL FOR ADDITIONAL INFORMATION.
4. MARRIAGE WALL PIERS (MULTI UNIT HOMES ONLY) ARE REQUIRED AT MARRIAGE WALL OPENINGS 48" IN WIDTH OR GREATER. MARRIAGE WALL PIER LOCATIONS SHOWN ON PLAN ARE OFFSET 12" MAX. TO ALLOW FOR VERTICAL ANCHORS.
5. MAXIMUM PIER SPACING IS 8'-0". ACTUAL REQUIRED PIER SPACING WILL VARY ACCORDING TO FLOODING SIZE AND SOIL CAPACITY. REFER TO SETUP MANUAL FOR ADDITIONAL INFORMATION.
6. LONGITUDINAL ANCHORS ARE REQUIRED ON ALL HOMES. LOCATION AND QUANTITY OF LONGITUDINAL ANCHORS WILL VARY ACCORDING TO WINDZONES. SEE ABOVE DRAWING. REFER TO LONGITUDINAL FRAME TIEDOWN INSTALLATION INFORMATION IN THE SETUP MANUAL.
7. THIS PLAN IS APPLICABLE FOR HUD CODE HOMES ONLY AND IS ONLY INTENDED FOR THE MODEL NAMED. THIS PLAN MAY NOT BE APPLICABLE FOR CUSTOM VARIATIONS OF THIS MODEL. REFER TO SETUP MANUAL FOR ALL SETUP INFORMATION.



PLAN KEY

- INDICATES TYPICAL FRAME PIER (UNDERNEATH I-BEAMS) - REFER TO SETUP MANUAL FOR INFORMATION.
- INDICATES TYPICAL MARRIAGE WALL PIER (UNDERNEATH MARRIAGE WALL) WITH VERTICAL ANCHOR (BLACK DOT) - REFER TO SETUP MANUAL FOR INFORMATION.
- INDICATES TYPICAL LONGITUDINAL TIEDOWN LOCATION (UNDERNEATH I-BEAMS) - REFER TO SETUP MANUAL FOR INFORMATION.

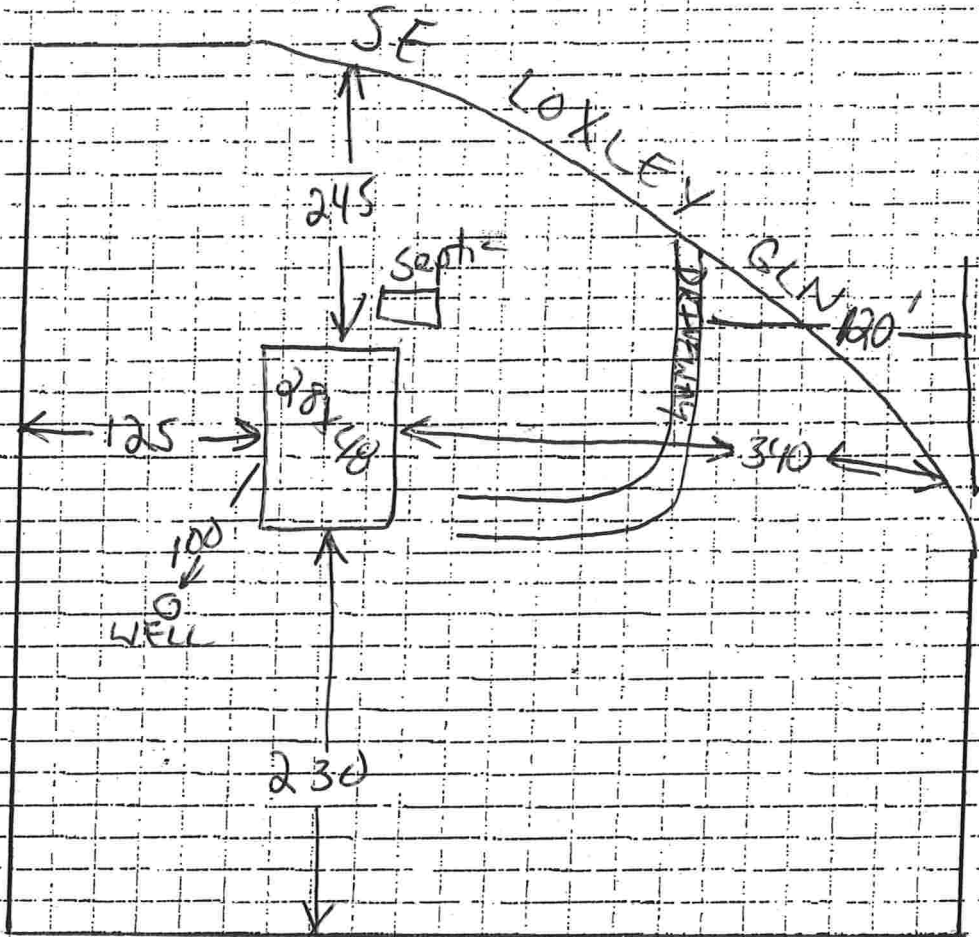
FOUNDATION, AS SHOWN	DRAWN BY:
TYPICAL MARRIAGE WALL PIER	SCALE: KITS
	DATE: 06/01/01
	REV:
	DATE: 8

4068 West U.S. Highway 90
LAKE CITY, FLORIDA 32055
(386) 754-6737 • Fax: (386) 758-7764

BUYER(S) Mary Patricia Ryan		PHONE (954) 258-9603		DATE	
ADDRESS 17686 155th Place Live Oak, FL 32060		386-776-2114		SALESPERSON Jamey Howell	
DELIVERY ADDRESS TBD Shady Wood Lake City, FL					
MAKE & MODEL Horton Echo KWP2		YEAR 2010	BEDROOMS 3	FLOOR SIZE L 48 W 28	HITCH SIZE L 52 W 28
SERIAL NUMBER		<input checked="" type="checkbox"/> NEW <input type="checkbox"/> USED		COLOR	PROPOSED DELIVERY DATE
DATE OF BIRTH		DRIVER'S LICENSE		BASE PRICE OF UNIT \$ 46,350.00	
BUYER 01/11/51		BUYER R500-595-51-511-0		OPTIONAL EQUIPMENT 0.00	
CO-BUYER		CO-BUYER		PROCESSING FEE 0.00	
LOCATION	R-VALUE	THICKNESS	TYPE OF INSULATION	SUB-TOTAL \$ 46,350.00	
CEILING	30		Cellulose	IMPROVEMENTS 8,000.00	
EXTERIOR	11		Fiberglass	SALES TAX 2,781.00	
FLOORS	22		Fiberglass	COLUMBIA COUNTY SURTAX 50.00	
THIS INSULATION INFORMATION WAS FURNISHED BY THE MANUFACTURER AND IS DISCLOSED IN COMPLIANCE WITH THE FEDERAL TRADE COMMISSION RULE 16CRF, SECTION 460.16.				NON-TAXABLE ITEMS	
Delivery & Setup standard 3 blocks high. (1 pad and 2 solid blocks). Anything over standard is customer's responsibility.				VARIOUS FEES AND INSURANCE 350.00	
Unfurnished XXXXXXXXXXXXX Furnished				PROCESSING FEE 250.00	
Water & Sewer is run under home.				CASH PURCHASE PRICE \$ 57,781.00	
Customer responsible for any gas, electrical, water & sewer hook-up.				TRADE-IN ALLOWANCE \$	
Wheels and axles deleted from sale price of home.				LESS BAL. DUE on above \$	
Customer responsible for permits.				NET ALLOWANCE \$ 0.00	
Homeowner's manual located in Manufactured Home.				CASH DOWN PAYMENT \$ 38,300.00	
OPTIONAL EQUIPMENT, LABOR AND ACCESSORIES				CASH AS AGREED SEE REMARKS \$	
Delivery & Set Up		\$		LESS TOTAL CREDITS \$ 38,300.00	
AC / Heat Pump 13 Seer				SUB-TOTAL \$ 19,481.00	
Standard White Skirting				Unpaid Balance of Cash Sale Price \$ 19,481.00	
Two Sets of Code Steps				REMARKS:	
\$8,000.00 Allowance for Well, Septic, Power Pole				CUSTOMER IS RESPONSIBLE FOR ALLOWANCE OVERAGES.	
Permits, Hook Ups, Dirt Pad, Dishwasher & Vinyl Living Room.				DOWN PAYMENT NON-REFUNDABLE ONCE HOME IS ORDERED.	
Nothing Else Follows				Mary P. Ryan SIGN	
BALANCE CARRIED TO OPTIONAL EQUIPMENT \$ 0.00				Liquidated Damages are agreed to be \$ 10% of the cash price, whichever is greater.	
DESCRIPTION OF TRADE-IN		MAKE		REFER TO PARAGRAPH #8 ON THE REVERSE SIDE OF THIS AGREEMENT.	
COLOR	BEDROOMS	SIZE X	TITLE NO.	MODEL	YEAR
AMOUNT OWING \$	TO WHOM	ANY DEBT BUYER OWES ON TRADE-IN IS TO BE PAID BY <input type="checkbox"/> DEALER <input type="checkbox"/> BUYER			
Buyer is purchasing the above described manufactured home, the optional equipment and accessories, the insurance has been voluntary; the Buyer's trade-in is free from all claims whatsoever, except as noted.					
THE REVERSE SIDE of this agreement contains ADDITIONAL TERMS AND CONDITIONS, including, but not limited to, provisions regarding WARRANTY, EXCLUSIONS AND LIMITATION OF DAMAGES.					
Dealer and Buyer acknowledge and certify that such additional terms and conditions printed on the other side of this agreement are agreed to as part of this agreement, the same as if printed above the signatures.					
The agreement contains the entire agreement between the Dealer and Buyer and no other representation or inducement, verbal or written, has been made which is not contained in this agreement. Buyer(s) acknowledge receipt of a copy of this agreement and that Buyer(s) have read and understand the back of this agreement.					
Royals Mobile Home Sales & Service, Inc. DEALER			SIGNED X Mary P. Ryan BUYER		
Not Valid Unless Signed and Accepted by an Officer of the Company or an Authorized Agent			SOCIAL SECURITY NO. 267 96 8995		
SIGNED X			BUYER		
SOCIAL SECURITY NO.					

PLOT PLAN

MUST BE IN COMPLIANCE WITH HUD HANDBOOK 4143.1, REV 2-4



BORROWER NAME:

CO-BORROWER NAME:

ENTER
PROPERTY ADDRESS OR
LEGAL DESCRIPTION

LEGEND:

MH	- Location of Manufactured Home
W	- Location of Well System
DF	- Location of Drain Field
S	- Location of Septic System
CW	- Location of City Water System
CS	- Location of City Sewer System

Minimum Well Distance Requirements:

Well to Foundation - 25 feet	List Actual Distance
Well to Septic - 100 feet	List Actual Distance
Well to Drainfield - 100 feet	List Actual Distance
Well to Lot Line - 10 feet	List Actual Distance

DEALER SIGNATURE

DATE

SEP 25-2007 09:26A FROM: OLIVER, TERRY

1355 150502

ID: 135515107

P. 1 1

FAX 352-701-0401



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:

- All pads are to be installed flat side down, ribbed side up.
- 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.
- Pier & pad spacing will be determined by the manufacturer's written set-up instructions or any local or state codes.
- 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.
- 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.
- All pad sizes shown are nominal dimensions and may vary up to 1/8"
- 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")
- In frost areas, a 6" deep confined gravel base installed in well drained, non-frost susceptible soil is recommended.
- Pad loads are the same when using single stack or double stack blocks.
- 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.
- Any configuration (see reverse side) may be used to replace a home manufacturer's recommended concrete or wood base pad.
- If the home manufacturer shows soil densities greater than 3000 lb. when using ABS pads, do not exceed 3000 lb. soil pier spacing per set up manual.

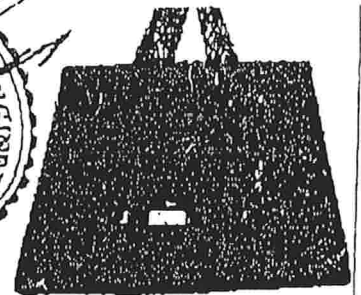
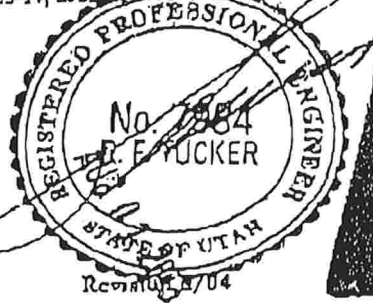
Pad Size	ID No.	Pad Area	1000 PSF Soil	2000 PSF Soil	3000 PSF Soil
OVAL 16" x 18.5"	1055-23	288 sq. in.	2000 lbs.	4000 lbs.	6000 lbs.
OVAL 17" x 22"	1055-16	360 sq. in.	2500 lbs.	5000 lbs.	7500 lbs.
OVAL 17.5" x 22.5"	1055-21	384 sq. in.	2667 lbs.	5334 lbs.	8000 lbs. *
OVAL 17.5" x 25.5"	1055-17	432 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. *	13988 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.	7125 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. *	12000 lbs. *

* Concrete blocks are required to be double blocked.

- 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.
- 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.
- Steel Piers: All pads are tested with steel piers on 1000 PSF soil density unless otherwise noted. (#16)
- Available pads tested on 2000 PSF soil density are: ID#s 1055-14, 1055-9, 1055-7 and 1055-13.

Example: 16' x 60' section

PAD SIZE	1000 Lb Psf	2000 Lb Psf
16" x 16" Pad	20"	3' 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 1-15)
LONGITUDINAL ONLY; FOLLOW STEPS 1-9
FOR ADDING LATERAL ARM: Follow Steps 10-15
FOR CONCRETE APPLICATIONS: Follow Steps 16-19

ENGINEER'S STAMP

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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 76' 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-third inch (1/3") before home is lowered completely on to piers, complete steps 4 through 9 below then remove jacks.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: WHEN INSTALLING THE LONGITUDINAL SYSTEM ONLY, A MINIMUM OF 2 SYSTEMS PER FLOOR SECTION IS REQUIRED. SOIL TEST PROBE SHOULD BE USED TO DETERMINE CORRECT TYPE OF ANCHOR PER SOIL CLASSIFICATION. IF PROBE TEST READINGS ARE BETWEEN 175 & 275 A 5 FOOT ANCHOR MUST BE USED. IF PROBE TEST READINGS ARE BETWEEN 276 & 350 A 4 FOOT ANCHOR MAY BE USED. USE GROUND ANCHORS WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 5'4". VERTICAL TIES ARE ALSO REQUIRED ON HOMES SUPPLIED WITH VERTICAL TIE CONNECTION POINTS (PER FLORIDA REG.).

4. 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.
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 5' anchor per Florida Code.
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.



OLIVER TECHNOLOGIES, INC.
 1-800-284-7437

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

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INSTALLATION USING CONCRETE RUNNER / FOOTER

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

- The concrete shall be minimum 2500 psi mix
- A concrete runner may be either longitudinal or transverse, and must be a minimum of 8" deep with a minimum width of 16 inches longitudinally or 18 inches transverse to allow proper distance between the concrete bolt and the edge of the concrete (see below).
- Footers must have minimum surface area of 441 sq. in. (i.e. 21" square), and must be a minimum of 8" deep.
- If a full slab is used, the depth must be a 4" minimum.
Special inspection of the system bracket installation is not required. Footers must allow for at least 4" from the concrete bolt to the edge of the concrete.

NOTE: The bottom of all footings, pads, slabs and runners must be per local jurisdiction.

LONGITUDINAL: (Model 1101 LC "V")

17. When using Part # 1101-W-GPCA (wetset), simply install the bracket in runner/footer OR When installing in cured concrete use Part # 101-D-GPCA (dryset). The 1101 (dryset) CA bracket is attached to the concrete using (2) 5/8"x3" concrete wedge bolts (Simpson part # S162300H 5/8" X 3" or Powers equivalent). Place the CA bracket in desired location. Mark bolt hole locations, then using a 5/8" diameter masonry bit, drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the holes. Place wedge bolts into drilled holes, then place 1101 (dry set) CA bracket onto wedge bolts and start wedge bolt nuts. Take a hammer and lightly drive the wedge bolts down by hitting the nut (making sure not to hit the top of threads on bolt). The sleeve of concrete wedge bolt needs to be at or below the top of concrete. Complete by tightening nuts.

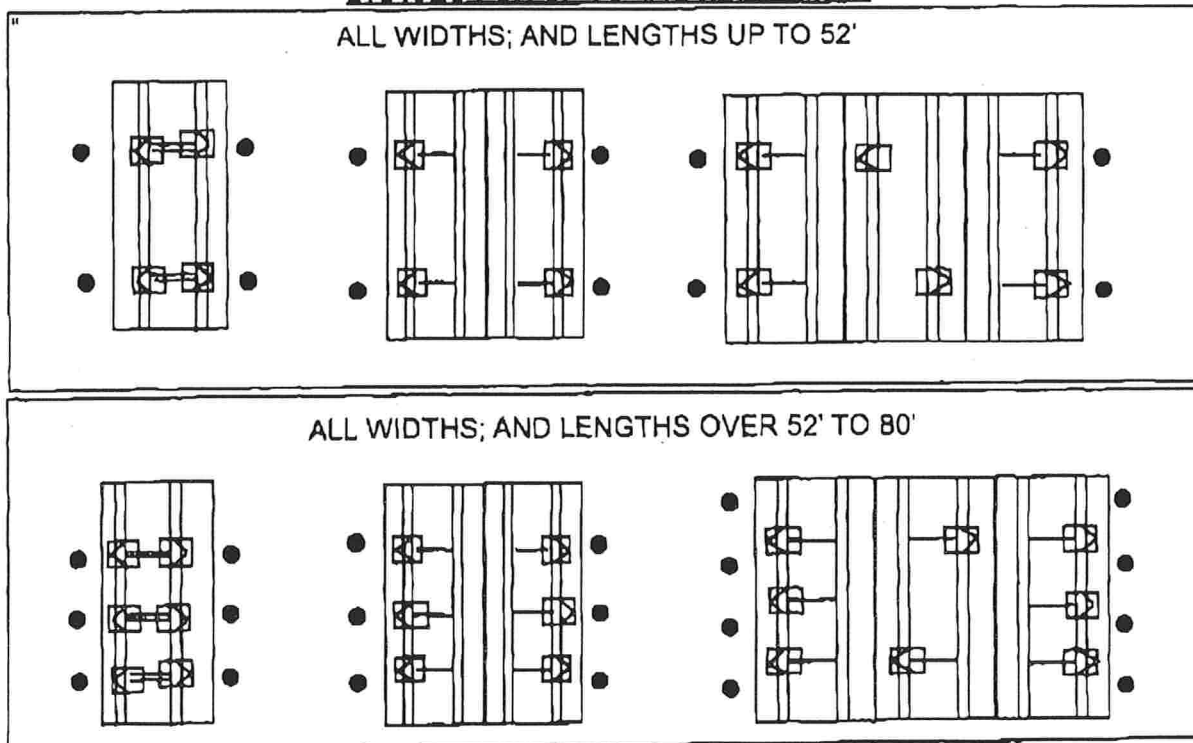
LATERAL: (Model 1101 TC "V")

18. For wet set (part # 1101-W-TACA) installation simply install the anchor bolt into runner/footer. For dry set installation (part # 1101-D-TACA) mark bolt hole locations, then using a 5/8" diam. masonry bit, drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the hole. Place wedge bolts (Simpson part #S162300H 5/8" X 3" or Powers equivalent) into (D) concrete dry transverse connector and into drilled hole. If needed, take a hammer and lightly drive the wedge bolts down by hitting the nut (making sure not to hit the top of threads on bolt), then remove the nut. The sleeve of concrete wedge bolt needs to be at or below the top of concrete.
19. When using part # 1101 CVW (wetset) or 1101 CVD (dryset), install per steps 17 & 18.

Notes:

- LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
- = STABILIZER PLATE AND FRAME TIE LOCATION (needs to be located within 18 inches of center of ground pan or concrete)
- ☐ = LOCATION OF LONGITUDINAL BRACING ONLY
- ☐ = TRANSVERSE & LONGITUDINAL LOCATIONS

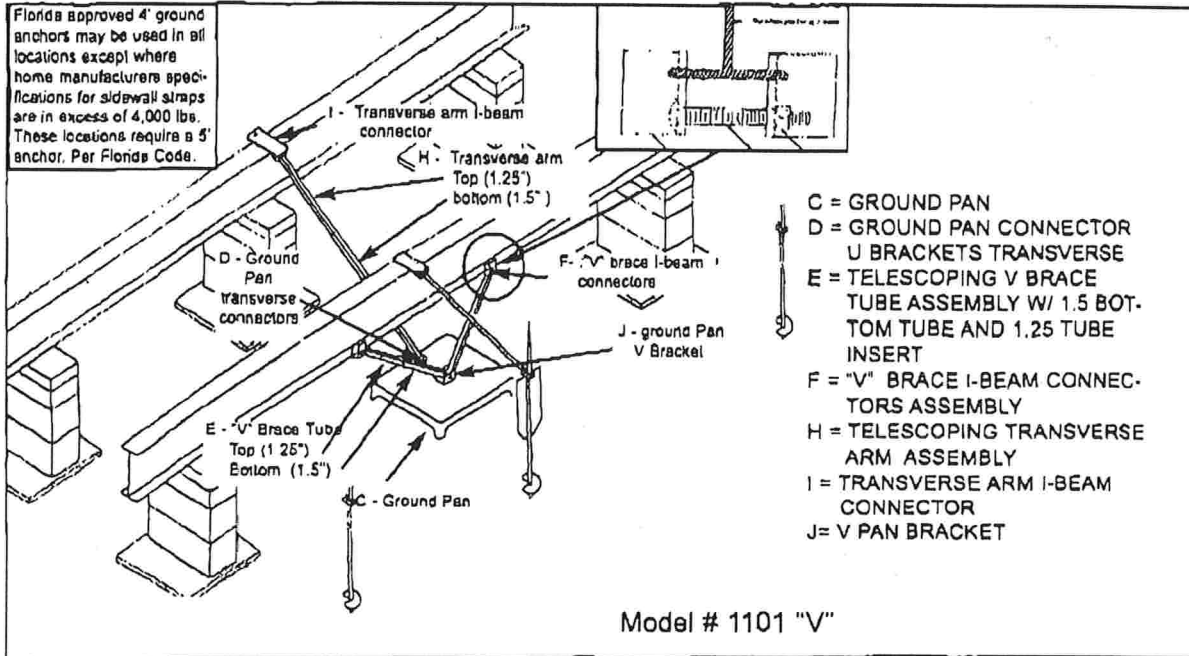
REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" OR 1101 C "V"
BRACES FOR UP TO 4/12 ROOF PITCH



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

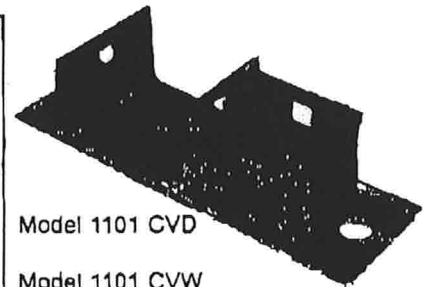
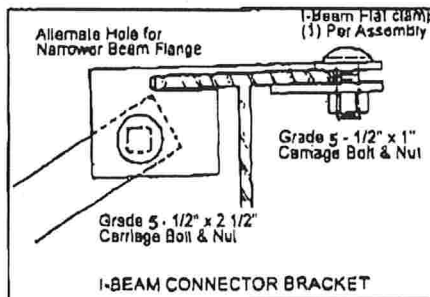
6 systems for home lengths up to 52' and 8 systems for homes over 52' and up 80'. One stabilizer plate and frame tie required at each lateral bracing system.

3-084

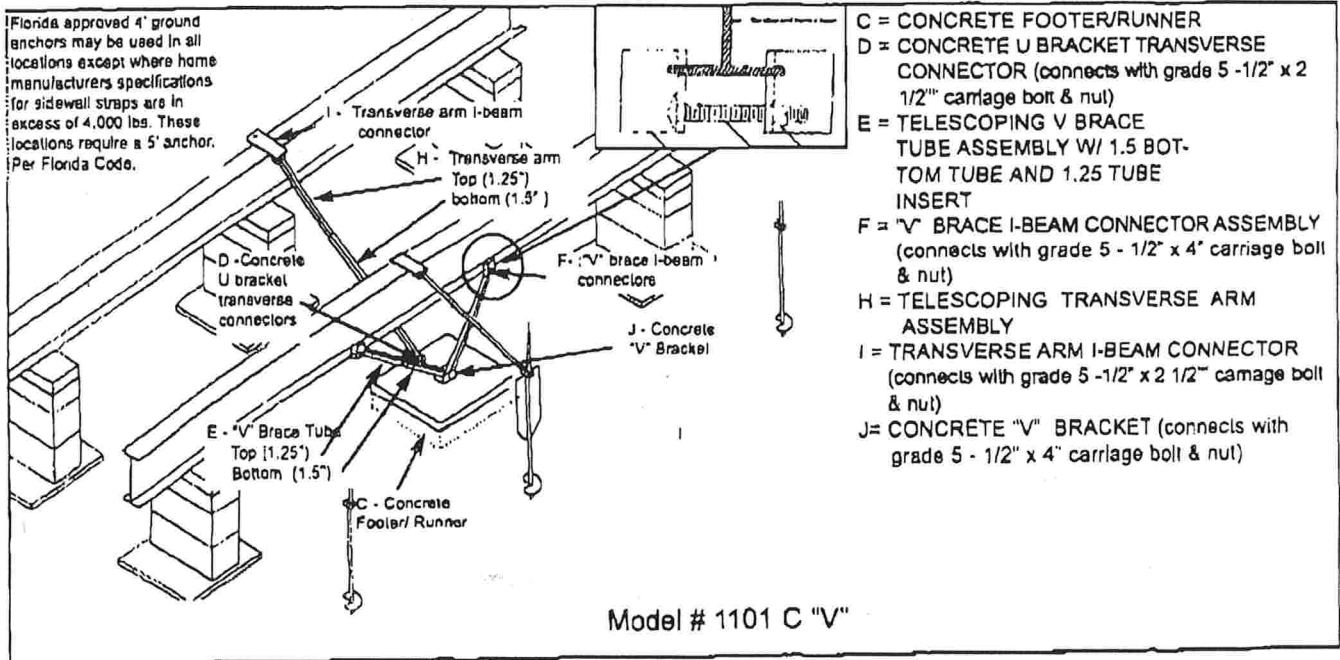


Longitude dry
concrete bracket
part # 1101 D-CPCA

Wet bracket part #
1101 W-CPCA not
shown



Model 1101 CVD

Model 1101 CVW
not shown

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COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 9/30/2009 DATE ISSUED: 10/2/2009

ENHANCED 9-1-1 ADDRESS:

308 SE LOXLEY

GLN

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

27-6S-17-08784-116

Remarks:

LOT 16 SHADOW WOOD S/D UNIT 2

Address Issued By:


Columbia County 9-1-1 Addressing / GIS Department

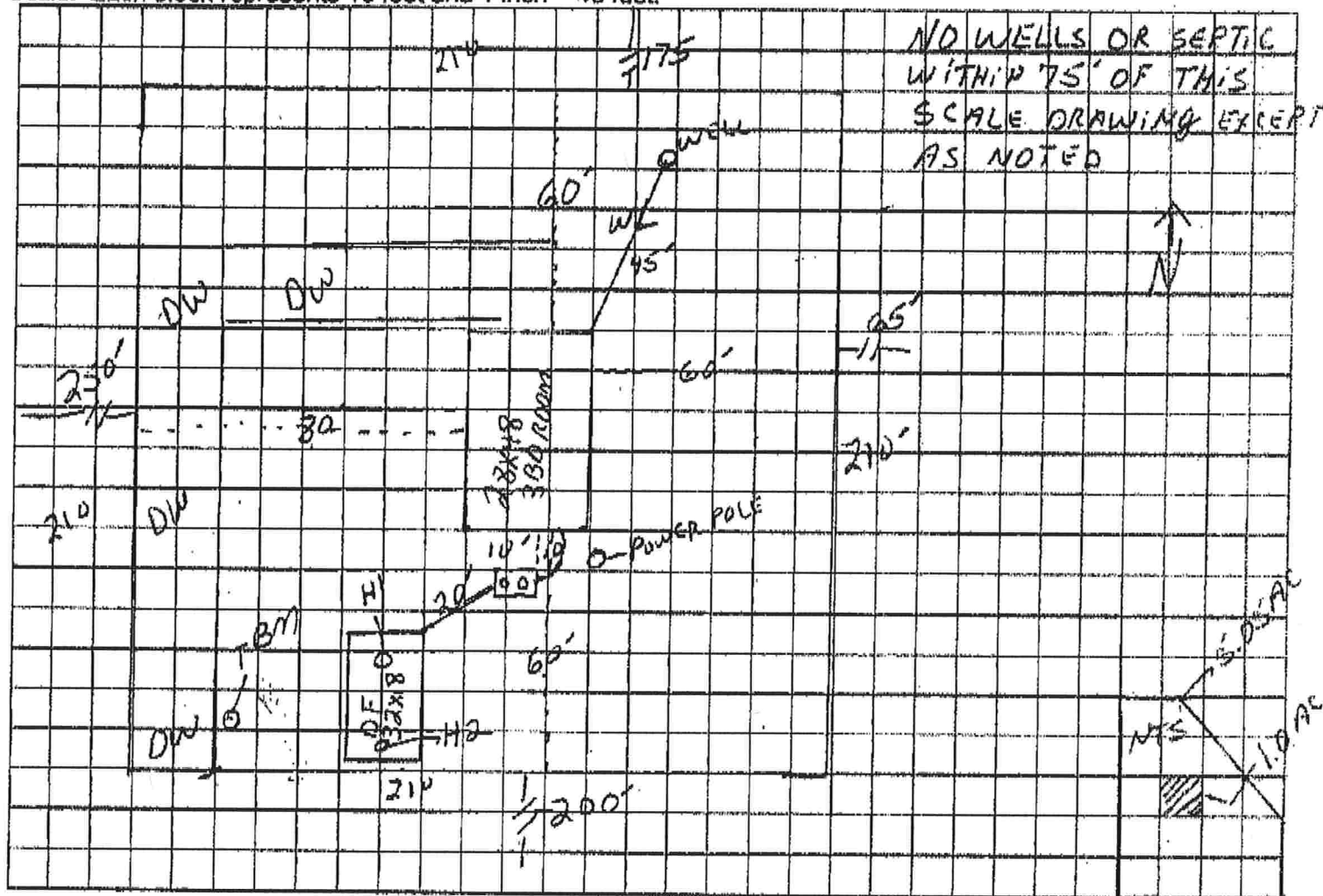
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number: 09-0497

PART II - SITEPLAN

Scale: Each block represents 10 feet and 1 inch = 40 feet.



Notes:

Site Plan submitted by: CHRIS VAN DUZER

Plan Approved

Not Approved

By _____

ved
Sathi Lord

EN Director. Columbia

Agent

Date 09/30/09

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

SD✓

09-0497



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 937744
DATE PAID: 9/30/09
FEE PAID: 510.00
RECEIPT #: 1188533

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: MARY RYANAGENT: CHRIS VAN OUZERTELEPHONE: 352-283-0853MAILING ADDRESS: 4883 SW 136TH CT LK BUTLER FL 32054

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 16 BLOCK: _____ SUBDIVISION: SHADOW WOODS UNIT 2 PLATTED: 90

PROPERTY ID #: 27-65-17-09784-116 ZONING: RES I/M OR EQUIVALENT: ☒ (Y) / ☐ (N)

PROPERTY SIZE: 5.05 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤2000GPD ☐ >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☒ (Y) / ☐ (N) DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: LOT 15 SE. LOXLEY GLEN LK CITY FL

DIRECTIONS TO PROPERTY: 441 TO MEMORY LN. LEFT TO SHADOW WOOD
LEFT TO LOXLEY GLEN RIGHT TO PROPERTY ON RIGHT

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>SFR MH</u>	<u>3</u>	<u>1344</u>	
2				
3				
4				

Zone X

☐ Floor/Equipment Drains ☐ Other (Specify) _____

SIGNATURE: [Signature] BVD SEPTIC LLC MSTCDATE: 09/30/09

GERBANDIN & ALLEN
OF

M/H OCCUPANCY

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 27-6S-17-09784-116

Building permit No. 000028132

Permit Holder MANUEL BRANNAN

Owner of Building MARY RYAN

Location: 308 SE LOXLEY GLEN, LAKE CITY, FL

Date: 10/30/2009



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)