

DATE08/23/2006

Columbia County Building Permit

PERMIT000024907

This Permit Expires One Year From the Date of Issue

APPLICANTKEN LAKE

PHONE352 620-8889

ADDRESSP.O. BOX 684

SPARRFL32192

OWNER SANDRA IDDINGS

PHONE352 494-1538

ADDRESS602SW KENTUCKY ST

FT. WHITEFL32038

CONTRACTORKEN LAKE

PHONE352 620-8889

LOCATION OF PROPERTY

47S, TR ON 27, TL ON UTAH, TL ROBERTS RD, TR ON KENTUCKY, ADDRESS 602

TYPE DEVELOPMENTMH,UTILITY

ESTIMATED COST OF CONSTRUCTION0.00

HEATED FLOOR AREA

TOTAL AREA

HEIGHT

STORIES

FOUNDATION

WALLS

ROOF PITCH

FLOOR

LAND USE & ZONINGA-3

MAX. HEIGHT

Minimum Set Back Requirments:

STREET-FRONT30.00

REAR25.00

SIDE25.00

NO. EX.D.U.1

FLOOD ZONEX

DEVELOPMENT PERMIT NO.

PARCEL ID24-6S-15-01438-110

SUBDIVISION3 RIVERS

LOT10

BLOCK

PHASE

UNIT23

TOTAL ACRES

IH0000436

Ken Lake

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING06-0685-E

BK

JH

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash12374

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

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 \$0.00

CERTIFICATION FEE \$0.00

SURCHARGE FEE \$0.00

MISC. FEES \$200.00

ZONING CERT. FEE \$50.00

FIRE FEE \$11.84

WASTE FEE \$24.50

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$25.00

CULVERT FEE \$

TOTAL FEE311.34

INSPECTORS OFFICE

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."

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 INCONVIENCE, 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.

PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

For Office Use Only (Revised 6-23-05) Zoning Official afg 8/8/06 Building Official okm 8-14-06
AP# 0608-18 Date Received 8/7 By VIA Permit # 24907
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments complete affidavit
- done CRS 8/22/06
FEMA Map# _____ Elevation _____ Finished Floor _____ River _____ In Floodway _____
☒ Site Plan with Setbacks Shown ☒ EH Signed Site Plan ☒ EH Release ☒ Well letter ☒ Existing well
☒ Copy of Recorded Deed or Affidavit from land owner ☒ Letter of Authorization from Installer

- Property ID # 24-65-15 11438-109 Must have a copy of the property deed
- New Mobile Home ☒ 32X60 Used Mobile Home _____ Year 2007
- Applicant KEN LAKE Phone # 352-620-8889 ^{cell} 843-0566
- Address P.O. Box 684 SPARR, FL. 32192
- Name of Property Owner Joseph Holder Phone# 352-256-8089
- 911 Address 602 S.W. Kentucky St. Ft White, FL. 32038
- Circle the correct power company - FL Power & Light - Clay Electric
(Circle One) - Suwannee Valley Electric - Progress Energy
- Name of Owner of Mobile Home Sandra Iddings Phone # 352-494-1538
Address 708 N.E 7th AVE TRENTON, FL. 32693
- Relationship to Property Owner FIANCE
- Current Number of Dwellings on Property 1
- Lot Size 200 X 400 Total Acreage 1.8
- Do you : Have an Existing Drive or need a Culvert Permit or a Culvert Waiver (Circle one)
- Is this Mobile Home Replacing an Existing Mobile Home YES
- Driving Directions to the Property 47 South To Ft White TR ON 27
Go to UTAH TL Go To ROBERTS Rd TL Go to KENTUCKY TR
Go ADDRESS 602 ON LEFT
- Name of Licensed Dealer/Installer KEN LAKE Phone # 352-620-8889
- Installers Address P.O. Box 684 SPARR, FL. 32192
- License Number IH0000436 Installation Decal # 258268

PERMIT NUMBER

Installer KEN LATE License # TH000436

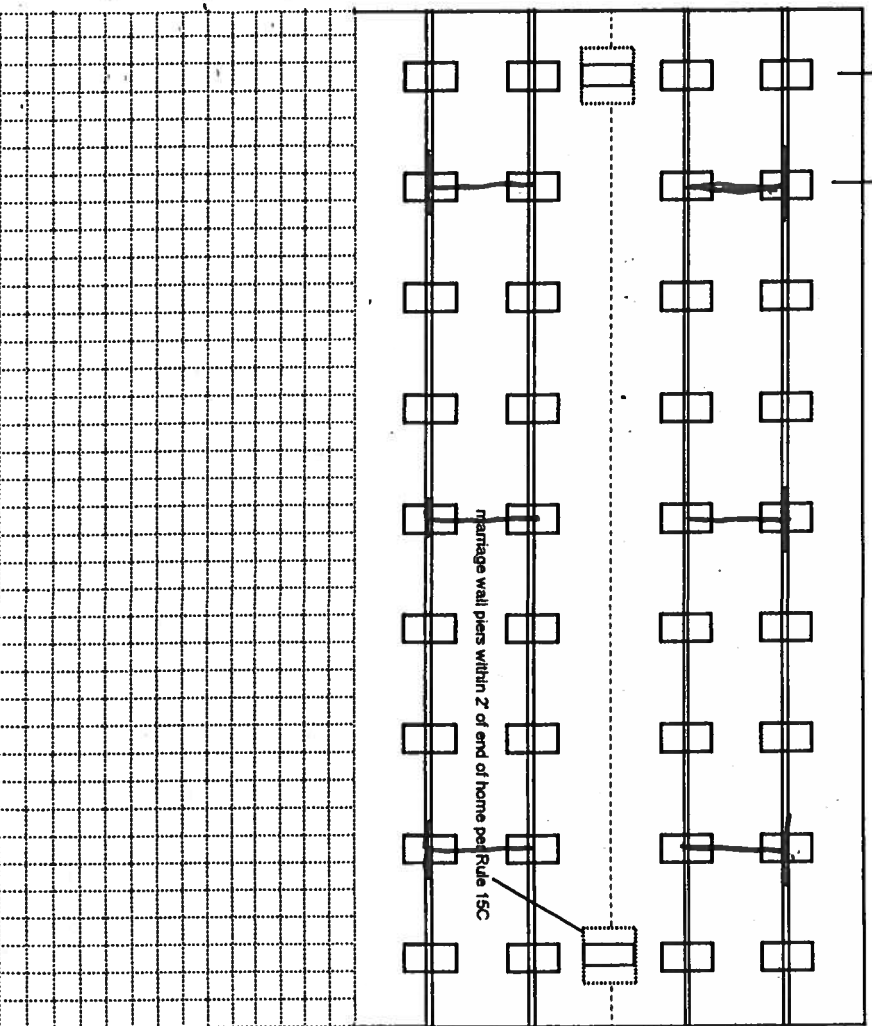
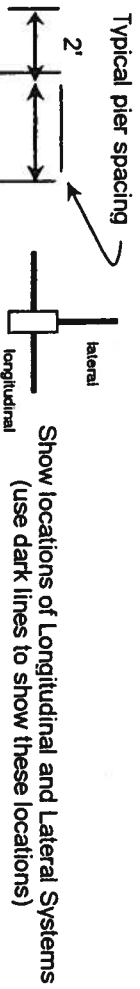
Address of home being installed 602 S.W. Kentucky St.
FT. WHITE, FL. 32038

Manufacturer FLEETWOOD Length x width 60 x 32

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



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 # 258268

Triple/Quad ☐ Serial # 78462 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 23.25 x 38.25

Perimeter pier pad size N/A

Other pier pad sizes (required by the mfg.) 20 x 20

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

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

Opening Pier pad size

0 1/2 20 x 20

B 23.25 x 38.25

0 1/2 24 x 24

TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD)
Manufacturer OLIVER 1101V
Longitudinal Stabilizing Device w/ Lateral Arms
Manufacturer OLIVER 1101V

POPULAR PAD SIZES

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

ANCHORS

4 ft 5 ft

FRAME TIES

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

OTHER TIES

Sidewall Longitudinal Marriage wall Shearwall
Number 10 PER 5' OC
6
N/A

POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to _____ psf or check here to declare 1000 lb. soil ☒ Without testing.

X _____ X _____ X _____

POCKET PENETROMETER TESTING METHOD

1. Test the perimeter of the home at 6 locations.
2. Take the reading at the depth of the footer.
3. Using 500 lb. increments, take the lowest reading and round down to that increment.

X _____ X _____ X _____

TORQUE PROBE TEST

The results of the torque probe test is _____ inch pounds or check here if you are declaring 5' anchors without testing. A test showing 275 inch pounds or less will require 4 foot anchors.

Note: A state approved lateral arm system is being used and 4 ft. anchors are allowed at the sidewall locations. 1 understand 5 ft anchors are required at all centerline tie points where the torque test reading is 275 or less and where the mobile home manufacturer may requires anchors with 4000 lb ~~holding~~ capacity.

Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name Ken Lake

Date Tested 8-8

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. 51

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 52

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 52

Site Preparation

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

Fastening multi wide units

Floor: Type Fastener: 3/8x6.5 Length: 6" Spacing: 24"
Walls: Type Fastener: 3/8x6.5 Length: 6" Spacing: 24"
Roof: Type Fastener: 2d 6x.5 Length: 1.5'x18" 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

Type gasket Form 5.11
Pg. 40
Installed: Between Floors ☒ Yes
Between Walls ☒ Yes
Bottom of ridgebeam ☒ Yes

Weatherproofing

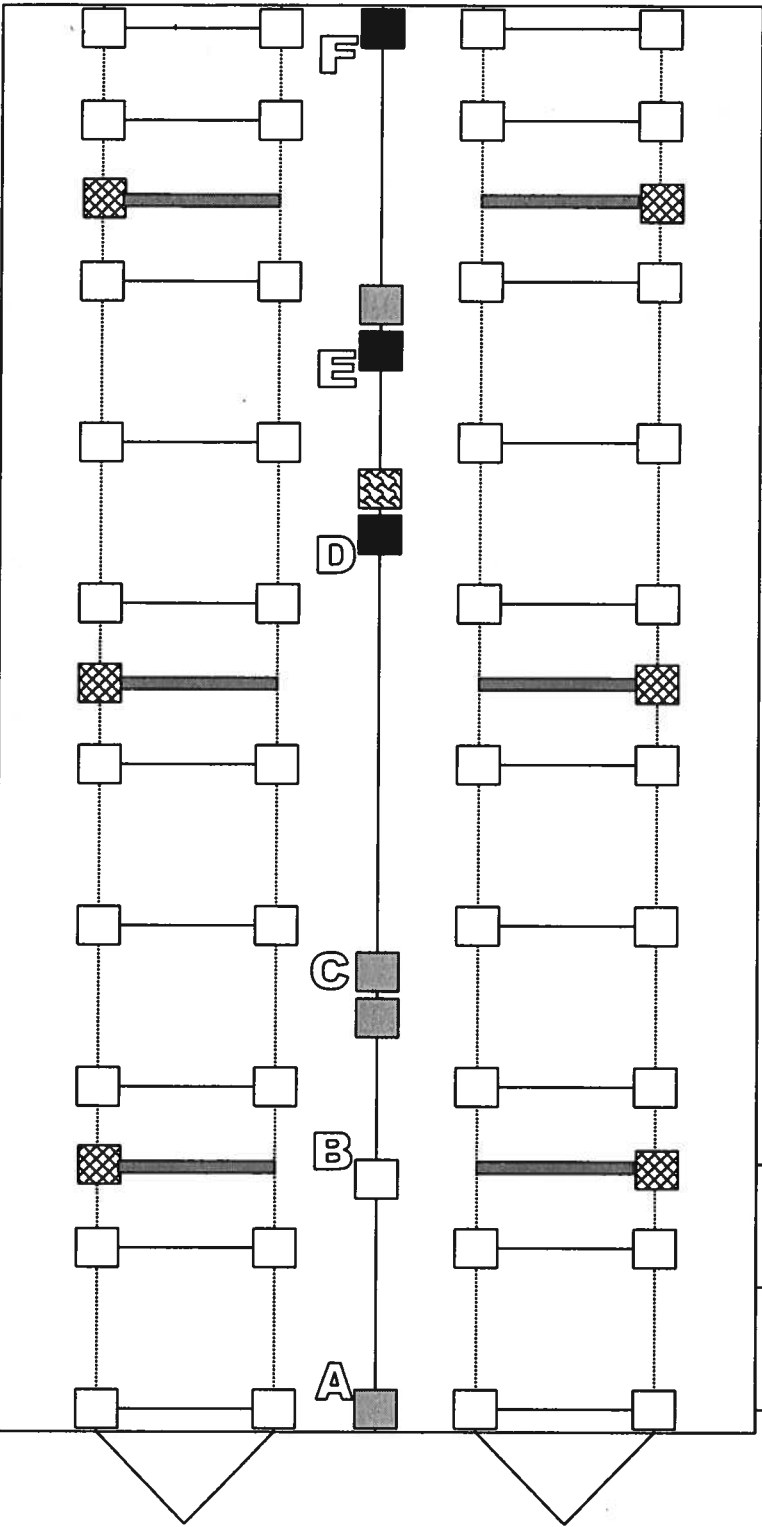
The bottomboard will be repaired and/or taped. ☒ Pg. _____
Siding on units is installed to manufacturer's specifications. ☒ Pg. _____
Fireplace chimney installed so as not to allow intrusion of rain water. Yes

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 ☒ N/A
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 Ken Lake Date 8-8-06



**FRAME
SPACING**
7' 0"

**PERIMETER
SPACING**
NA

**ANCHOR
SPACING**
5' 4"

**BOX
WIDTH**
32'

**BOX
LENGTH**
60'

**I- BEAM
HEIGHT**
12"

LEGEND	
●	SIDEWALL ANCHORS
	OLIVER 1101-V SYSTEM
	PADS -- 23.25 X 32.25
	PADS -- 18.5 X 18.5 ABS
	PADS -- 20 X 20 ABS
	PADS -- 24 X 24 ABS
	PADS -- 26.25 X 26.25 ABS

SCALE
Approx. 1/8" = 1'

- NOTES**
- 1). PIER SPACING MAY CHANGE "LESS THAN 10%" DUE TO OBSTRUCTIONS
 - 2). LONGITUDINAL ANCHORS MAY BE SUBSTITUTED WITH THE L2SD SYSTEM WILL BE NOTIFIED WITH A COPY DRAWING AT THE SITE
 - 3). REFER TO 16-C FOR CENTERLINE BLOCKING REQUIREMENTS
 - 4). PRELIMINARY TESTING REVEALED THE FOLLOWING RESULTS, PRIOR TO PERMIT PROCESS. A NEW TEST WILL BE PERFORMED AT THE TIME OF SET, NEW INFO. WILL BE ON THE JOB SITE.
 - 5) DOOR PIERS AND SIDEWALL "G" ANCHORS ARE DESIGNATED AND OBVIOUSLY MARKED ON THE HOME
 - 6) PORCHES, FIREPLACES, SIDING GLASS DOORS AND MUD/TAPED SHEETROCK HOMES REQUIRE SPECIAL PERIMETER BLOCKING
 - 7) FACTORY SUPPLIED CLIPS OR STRAPS WILL PLACEMENT OF SIDEWALL ANCHORS

MANUFACTURING DATE
T.B.A. 2006

MODEL NAME
ANNIVERSARY

MODEL NUMBER
0603J

PENTROMETER TEST RESULTS
1000 P.S.F.

TORQUE PROBE TEST RESULTS
275 IN. LBS

CUSTOMER NAME
IDDINGS

CENTERLINE PIER WEIGHT LOADS			
PIER A ~~~~~	2700	PIER D ~~~~~	5700
PIER B ~~~~~	4300	PIER E ~~~~~	6500
PIER C ~~~~~	5500	PIER F ~~~~~	3200

POST DATA

LIVE LOAD: 30 LBS

LABEL	LOCATION	UNIT	POST LOAD	HEIGHT	BEARING	POST PIER LOAD*	BEAM
A	1314	A	1314	108"	1.75	32	2700
B	1314	B	1314	108"	1.75	32	TJI
C	11'-11 1/4"	A	2128	108"	1.75	4	4300
D	11'-11 1/4"	B	2128	108"	1.75	4	TJI
E	18'-10"	A	2743	108"	1.75	4	5500
F	18'-10"	B	2743	108"	1.75	4	TJI
G	34'-5 7/8"	A	2822	108"	1.75	5	5700
H	34'-5 7/8"	B	2822	108"	1.75	5	TJI
I	44'-10 3/4"	A	3250	108"	1.75	5	8500
J	44'-10 3/4"	B	3250	108"	1.75	5	TJI
K	60'-0"	A	1580	108"	1.75	32	3200
L	60'-0"	B	1580	108"	1.75	32	TJI

* EMPTY PIER LOAD IS COMBINED IN NUMBER ABOVE

ALLOWED TJI SPLICE LOCATION

DIMENSIONS ARE FROM HITCH END

LIVE LOAD: 20 LBS.

FROM	TO	UNIT	MATE
0'-0"	1'-5"	A	B
8'-8"	11'-4"	A	B
14'-1"	14'-11"	A	B
20'-5"	22'-8"	A	B
30'-11"	33'-3"	A	B
38'-11"	41'-11"	A	B
48'-8"	48'-5"	A	B
58'-10"	60'-0"	A	B
0'-0"	1'-5"	B	A
8'-8"	11'-4"	B	A
14'-1"	14'-11"	B	A
20'-5"	22'-8"	B	A
30'-11"	33'-3"	B	A
38'-11"	41'-11"	B	A
48'-8"	48'-5"	B	A
58'-10"	60'-0"	B	A

CHASSIS INFO

M.R. SPACING	95 1/2"
I-BEAM SIZE	10"
DRAWBAR LENGTH	30"
DRAWBAR ANGLE	80

FLOOR INFO

JOIST SIZE	2x8
JOIST MATERIAL	SYP
JOIST SPACING	18

WALL INFO

SIDEWALL HGT.	8'-4"
EXT WALL SIZE	2x4
EXT SIDING MATL	VINYL LAP

CEILING/ROOF INFO

RAFTER SPACING	24"
CEILING THICKNESS	5/16"
CEILING MATERIAL	US GYP
FRONT EAVE O'HANG	8"
REAR EAVE O'HANG	8"
FRONT GABLE O'HG	9"
REAR GABLE O'HG	9"

STRAP DATA

OVERHANGS (F/R/L): 9 / 9

WIND ZONE: 2	UNIT	STRAP
LOCATION	A1B	G-2
18'-3"	A1B	G-2
34'-9 5/8"	A1B	G-2
45'-2 1/2"	A1B	G-2

WIND ZONE: 3	UNIT	STRAP
LOCATION	A1B	G-1
60'-0"	A1B	G-1
11'-8 1/4"	A1B	G-2
18'-7"	A1B	G-2
34'-9 5/8"	A1B	G-2
45'-2 1/2"	A1B	G-2
60'-0"	A1B	G-2

SHED WALL DATA

WIND ZONE: 1

LABEL	UNIT	WALL	PANEL	TYPE	LENGTH	NOTE	TRIB **
A	B	1	1SG	E	14'-8"	3 x 26 GA STRAP	41'-5 1/8"
B	B	1	1LL	S	7'-8"	2 JOISTS & 3 LAGS	42'-11"
C	B	1	1SG	E	14'-8"	3 x 26 GA STRAP	41'-5 1/8"

WIND ZONE: 2

LABEL	UNIT	WALL	PANEL	TYPE	LENGTH	NOTE	TRIB **
A	B	1	1SG	E	14'-8"	3 x 26 GA STRAP	15'-11 1/4"
B	A	1	2SG	S	10'-0"	1 JOISTS & 3 LAGS	18'-10"
C	B	1	1LL	S	7'-8"	2 JOISTS & 3 LAGS	33'-0"
D	B	1	1SG	E	14'-8"	3 x 26 GA STRAP	15'-11 1/4"

WIND ZONE: 3

LABEL	UNIT	WALL	PANEL	TYPE	LENGTH	NOTE	TRIB **
A	B	1	1SG	E	14'-8"	3 x 26 GA STRAP	13'-2 5/8"
B	A	1	2LL	S	10'-0"	1 JOISTS & 3 LAGS	18'-10"
C	B	1	2LL	S	7'-8"	2 JOISTS & 3 LAGS	18'-10"
D	A	1	2SG	S	11'-8"	1 JOISTS & 3 LAGS	18'-11"
E	B	1	1SG	E	14'-8"	3 x 26 GA STRAP	13'-2 5/8"

* IN NOTE FIELD REQUIRES AGGRESSIVE FASTENING PATTERN

** EMPTY TRIB FIELD IS COMBINED IN NUMBER ABOVE

DOOR SCHEDULE

SYMBOL	SIZE	DESCRIPTION	GLAZ	VENT	U VALUE
3876	30 x 76	COTTAGE	4.43		0.52
3478	34 x 76	BLANK-INSWING			0.16

WINDOW SCHEDULE

SYMBOL	SIZE	DESCRIPTION	GLAZ	VENT	AREA
A3053VS	30 x 53	V. SLIDER	10.00	5.00	11.38
A1053VS	40 x 53	V. SLIDER	13.50	6.80	15.12
A3027VS	30 x 27	SGL HUNG WINDOW	4.80	2.40	5.82
V4053SH	40 x 53	SGL HUNG WINDOW	11.88	8.15	15.12
V3027SH	30 x 27	SGL HUNG WINDOW	3.88	2.00	5.82
V3053SH	30 x 53	SGL HUNG WINDOW	8.84	4.00	11.38

APPROVED

PFS Corporation

Madison WI - 11

7/23/04

HUD Manufactured Home

Construction & Safety Standard

FLEETWOOD HOMES

ALMA

75

PRODUCT NAME

ANNIVERSARY

MODEL NO.

0603J

DRAWING TITLE

SPEC DRWG

DRAWN BY: ANDRES C.

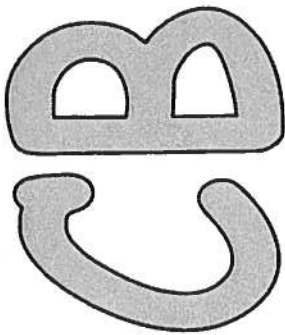
DATE: 05/03/04

SHT

REV

SPEC.1

A



Circle B of Ocala, Inc.

FHA VERTICAL VINYL SKIRTING

WALL SECTION

THE MANUFACTURER'S INSTRUCTIONS & DESIGNERS DO NOT SUGGEST PLACING SCREWS AT THE TOP & BOTTOM OF EACH PANEL BUT, CIRCLE B OF OCALA, INC., SHALL COMPLY WITH THE DESIGNATED COUNTY CODES.

ALL PANELS ON THE JOB SITE, SHALL BE SECURED EITHER BY: SCREWS, CRIMPS, OR THE DESIGNATED LOCKING STRIP OF THE SKIRTING ITSELF, AT THE TOP AS WELL AS THE BOTTOM

ALL PANELS OF THIS SKIRTING TYPE ARE REMOVABLE, THUS NO SPECIAL ACCESS PANEL SHALL BE INCORPORATED INTO THE SKIRTING JOB, WHEREAS EACH PANEL CAN BE REMOVED RATHER EASILY

THE MANUFACTURER OF THIS SKIRTING (STYLECREST), INTEGRATES VENTING INTO EACH INDIVIDUAL PANEL TO BE INSTALLED ((VENTING IS EQUIVALENT TO 4.0 SQUARE INCHES PER LINEAR FOOT OF PANEL))

TOP RAIL BACKER IS SECURED TO THE HOME USING 1" - 1/4" HEX HEAD SCREWS, EVERY 16" O.C.

TOP RAIL FRONTAL COVER IS SECURED TO THE TOP RAIL BACKER USING AN INTEGRATED SNAP LOCK

VINYL PANELS ARE SECURED BY THE BOTTOM TRACK & TOP RAIL FRONTAL COVER, AS WELL AS ANY SPECIAL COUNTY REQUIREMENTS.... IF PANELS EXCEED 18" OF VISIBLE EXPOSED HEIGHT, FHA REQUIRES FRAMING BEHIND

BOTTOM TRACK IS SECURED TO THE GROUND USING 6" METAL SPIKES INSTALL APPROXIMATELY EVERY 24" O.C.

THIS IS AN ESTIMATED SKIRTING PACKAGE, WITH ESTIMATED VENTING THE SKIRTING CONTRACTOR WILL TAKE ACCURATE MEASUREMENTS UPON DOING THE JOB, AND WILL CALCULATE THE PROPER AMOUNT OF VENTING REQUIRED AND MAKE ANY CORRECTIONS USING VINYL, SCREEN BACKED LOUVERED VENTING TO MEET STATE OF FLORIDA, AS WELL AS MANUFACTURER'S, CODES

AVERAGE HEIGHT OF HOME FROM GROUND TO FINISH FLOOR ELEVATION IS 33"

VENTING CALCULATIONS

MOBILE HOME WIDTH (Lin. Ft.)	32
MOBILE HOME LENGTH (Lin. Ft.)	60
SET-UP HEIGHT (Lin. Ft.)	3.00
SQUARE FT. OF SKIRTING	552.00
VENTING AREA REQUIRED (Sq. Ft.)	3.68
NO. OF 16" PANELS	138.00
VENTING AREA PROVIDED (Sq. Ft.)	11.50

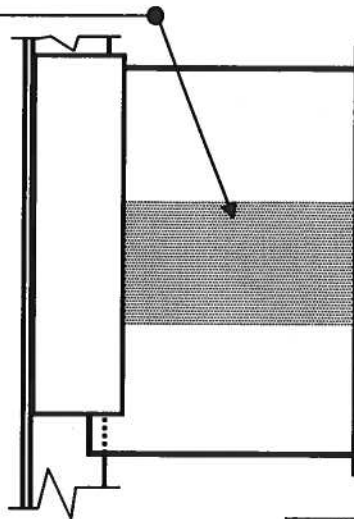
SPECIAL NOTE

CONTRACTOR IS NOT CONTRACTUALLY OBLIGATED TO DO THE SKIRTING CUSTOMER IS ASSUMING THE LIABILITY OF THIS PART OF THE PERMIT.

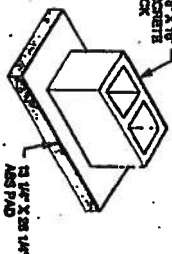
CUSTOMER NAME

SANDRA MARIE IDdings

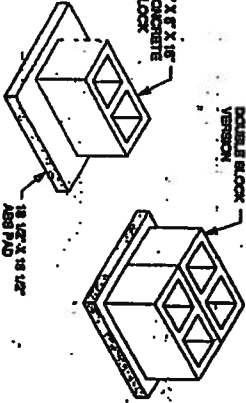
PERMIT NUMBER



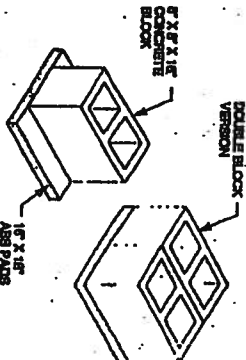
ELEVATION



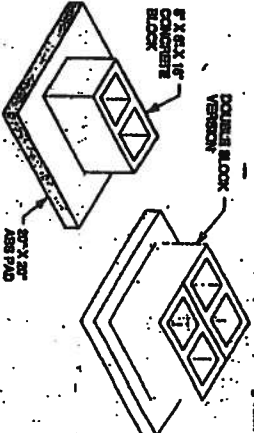
CONFIGURATION - 1



CONFIGURATION - 3



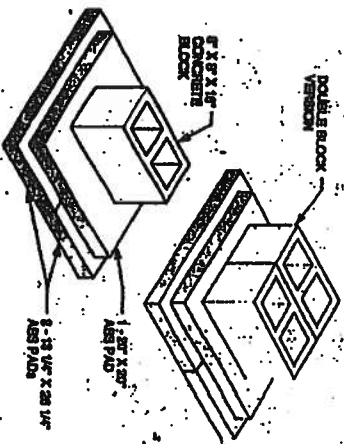
CONFIGURATION - 2



CONFIGURATION - 4

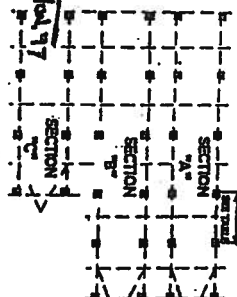
Use only the double block version when the soil capacity is 2,000 psf or greater.

- NOTES:
1. ABS pads to be manufactured by Manufactured Housing Foundation Systems, Inc.
 2. ABS pads to be installed, assembled, pinned and glued per manufacturer's installation instructions.
 3. Pier spacing to be per applicable loads.
 4. For values greater than 1,000 psf and bearing capacity, use a pocket penetrometer or other approved testing equipment to determine actual soil capacity.
 5. Pad installation and configuration to meet applicable local codes.
 6. For soil values greater than 3,000 psf, use the tables for 3,000 psf soil.
 7. WARNING: If ABS pads deflect more than 8/16\"/>



CONFIGURATION - 5

FLATWOOD ENTERPRISES INC. MANUFACTURED HOUSING FOUNDATION SYSTEMS 2 SWEET STATION AUG 27 1997 APPROVED		Calculation Numbers 00221155 00221162 00221140 00221163 00221159 00221161		TITLE ABS FOOTING PAD CONFIGURATIONS	By: Jack W. Date: 6-20-97 NO. 72-72-0081.1 REV. A
--	--	---	--	--	--



12 & 14 WIDE - SINGLE, DOUBLE, OR TRIPLE SECTIONS

12 WIDE - ABS FOOTINGS

MAXIMUM BEAM FOOTING SPACING (FEET)

Soil Capacity (PSF)	Pad Use Load	Configuration 1	Configuration 2	Configuration 3	Configuration 4	Configuration 5
		Main Beam Spacing (ft.)	Main Beam Spacing (ft.)	Main Beam Spacing (ft.)	Main Beam Spacing (ft.)	Main Beam Spacing (ft.)
1000	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
1500	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
2000	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
2500	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
3000	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"

14 WIDE - ABS FOOTINGS

MAXIMUM BEAM FOOTING SPACING (FEET)

Soil Capacity (PSF)	Pad Use Load	Configuration 1	Configuration 2	Configuration 3	Configuration 4	Configuration 5
		Main Beam Spacing (ft.)	Main Beam Spacing (ft.)	Main Beam Spacing (ft.)	Main Beam Spacing (ft.)	Main Beam Spacing (ft.)
1000	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
1500	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
2000	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
2500	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"
3000	20	4-0"	4-0"	4-0"	4-0"	4-0"
	30	4-0"	4-0"	4-0"	4-0"	4-0"
	40	4-0"	4-0"	4-0"	4-0"	4-0"
	50	4-0"	4-0"	4-0"	4-0"	4-0"
	60	4-0"	4-0"	4-0"	4-0"	4-0"
	70	4-0"	4-0"	4-0"	4-0"	4-0"
	80	4-0"	4-0"	4-0"	4-0"	4-0"
	90	4-0"	4-0"	4-0"	4-0"	4-0"

FLATWOOD ENTERPRISES INC. MANUFACTURED HOUSING FOUNDATION SYSTEMS 2 SWEET STATION AUG 27 1997 APPROVED		Calculation Numbers 00221156 00221162 00221140 00221163 00221159		TITLE MAIN BEAM ABS FOOTING CONFIGURATION AND SPACING 12 & 14 WIDE 20, 30, & 40 PSF ROOF LL	By: Anna Z. Date: 6/20/97 NO. 72-72-0081.2 REV. A
--	--	---	--	---	--

12 & 14 WIDE - SINGLE, DOUBLE, OR TRIPLE SECTIONS

These tables determine the footing and spacing and bearing configuration along the main beams of the foundation.

Refer to page 72-72-0081.1 for footing pad configuration details.

Provide the tables that indicate the footing type you are going to use for main beams.

Refer to page 10 of the Installation Manual for the procedure on using the tables.

Refer to Flatwood Home Installation Manual for foundation spacing requirements.

A Division of Oliver Technologies, Inc.
1-800-284-7437

(IMPORTANT)

Installation Instructions for ABS Pads

The purpose of this addendum is to emphasize that the ground under the AES pads must be leveled, evenly compacted, and cleared of all vegetation and debris before the placement of the pads.



The maximum deflection in a single post is $6/8"$ measured from the highest point to the lowest point of the top.

PAD SIZE	PAID AREA	1000 LB. SOIL	2000 LB. SOIL	3000 LB. SOIL
16" x 16"	226 SQ. IN.	1780 LBS.	3460 LBS.	5131 LBS.
16" x 18"	288 SQ. IN.	2060 LBS.	4060 LBS.	6060 LBS.
17" x 26"	318 SQ. IN.	2372 LBS.	4730 LBS.	7121 LBS.
18" x 18.5"	340 SQ. IN.	2373 LBS.	4750 LBS.	7123 LBS.
20" x 28"	440 SQ. IN.	2750 LBS.	5500 LBS.	8250 LBS.*
18" x 24"	376 SQ. IN.	4000 LBS.	8000 LBS.*	12000 LBS.*

General Notes:

- Any configuration above may be used to replace a home manufacturer's recommended concrete or wood base pad.
- The maximum load at any intermediate soil value may be determined as the average of the next lower and next higher soil values given in the above table.
- Pad sizes shown are nominal dimensions and may vary up to 1/4".
- Pad loads are the same when using single stack or double stack blocks.

۱۰۰

ABS posts as manufactured by MANUFACTURED HOUSING FOUNDATION SYSTEMS, INC. may be used to replace many of the concrete and wood posts used with concrete block piers which are shown on Page 16 of the Home Installation Manual. Use the table of equivalent piers below to determine the proper ABS post configuration to use for Labeled Piercing Piers, piers at Labeled G-2 Shearwall Strip locations (both shown on Page 17 of the Home Installation Manual) and for piers used for Perimeter Footings (as shown on Pages 20, 22, 24, 26, 28, and 30 of the Home Installation Manual).

To select the appropriate ABS post configuration, find the required arrangement of single, double, or triple concrete or wood posts required for the appropriate soil bearing capacity from the tables in the Home Installation Manual. Using the table of equivalent ABS posts below, find the appropriate ABS post substitution.

TABLE OF FOOTING PAD EQUIVALENTS

Soil Capacity	18 x 18" Concrete Pad	Equivalent ABS Pad Configuration	8" x 18" Concrete Pad	Equivalent ABS Pad Configuration	2 x 12 x 16" Wood Pad	Equivalent ABS Pad Configuration
1900	SINGLE	2	DOUBLE	2	SINGLE	1 OR 2
1000	DOUBLE	8	TRIPLE	4	DOUBLE	8
1600	SINGLE	2	DOUBLE	2	SINGLE	1 OR 3
1500	DOUBLE	N/A	TRIPLE	4	DOUBLE	N/A
2000 TO 4000	SINGLE	2	DOUBLE	2	DOUBLE	1 OR 3
2000 TO 4000	DOUBLE	5	TRIPLE	4	DOUBLE	5



APPROVAL		FLATWOOD ENTERPRISES, INC. 10000 W. 10TH AVE. DENVER, COLORADO 80202 & SAFETY DIVISION	
RADCO AUG 27 1997 8 APPROVED		Calculation Numbers 0022158 0022162 0022140 0022163 0022158 0022169 0022161	
TITLE ABS FOOTING PAD EQUIVALENTS		PROPRIETARY AND CONFIDENTIAL These drawings and specifications are subject to proprietary confidential treatment of Flomcor Enterprises, Inc. Copyright © 1997 by Flomcor Enterprises, Inc.	
BY: Frank DATE: 6-20-97	INC. 72-72-0081.5	REV.	

ST/SECRET Engineering

Date: 9/10/96
To: Henry Valle, Marty Johnson, Lewis Pope, Chuck Strack
Cc: Mike Kern, Tom Scholberg, Tom Kern
From: Bryan Kern
Re: Eagle Center Vent Ventilation Standards

This memo is to update the information regarding the ventilation provided by each of our existing ventilation panel programs.

Premium Full Vent	15.5 ft ² Vent per linear ft of vented panel
Eagle Full Vent	9.0 ft ² Vent per linear ft of vented panel
New Eagle Center Vent Panel	4.0 ft ² Vent per linear ft of vented panel
Proposed Premium Center Vent Panel	6.7 ft ² Vent per linear ft of vented panel

All vented panels will have a 0.050" depth run condition with a +/- 0.005" tolerance. Operational tolerances will allow the depth to have a low end tolerance of 0.040" while any problems are being corrected. Therefore the center vented ventilation figures stated above are based on vent standard 0.040" depth of the header wares. The full vent ventilation figures given above are based on current marketing information that is being used.

If there are questions, please contact me.

Bryan

Page 20

September 29, 1999

Rick Bolling (via fax 352-629-7017)
Circle B of Ocala
1031 N. Pine Ave.
Ocala, FL 34475

BEP-145

Subject: ABS Pads by TieDown Engineering - part 2

Dear Rick:

As a follow-up to my recent letter concerning spacing charts for ABS pads I have an alternative solution. Fleetwood has already issued supplemental information for the installation of another brand of ABS pads in the form of 72-72-0081. In some cases using these charts would more closely match the pad capacities of the ABS pads by TieDown Engineering. My solution is as follows:

- For TieDown's 16"x18", use the spacing for "Configuration 2" on 72-72-0081.
- For TieDown's 16"x22-1/2", use the spacing for "Configuration 3"
- For TieDown's 17-1/8"x25-1/8", use the spacing for "Configuration 4"
- For TieDown's triple 16"x22-1/2" (two on the ground and one above) use the spacing for "Configuration 5"

If I can be of further assistance please let me know.

Sincerely,

FLEETWOOD ENTERPRISES, INC.

Bill Parish

Bill Parish, P.E.
Director of Product Engineering
Housing Group

cc - Bob Henry, Jerry Moriarty, Georgia Calisher
Boone Smith - TieDown Engineering

Bill Parish

10-6-99

3001 Myers Street
P.O. Box 7638
Pawnee, CA 92453-7638
800-351-3500

Page 22

FLEETWOOD
Quality for life

SUPPLEMENT TO THE INSTALLATION MANUAL

SUPPLEMENTAL TIEDOWN STRAPS LOCATED ALONG EXTERIOR SIDEWALL (IF PROVIDED) WIND ZONE I ONLY

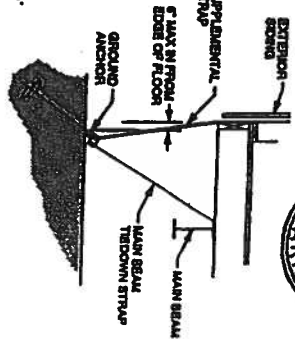


SUPPLEMENTAL STRAPS MAY
HAVE BEEN INSTALLED AT THE
MANUFACTURING FACILITY

Supplemental straps may be fastened to same ground
anchor as the main beam tiedown straps if anchor is
approved by the manufacturer for such installation.

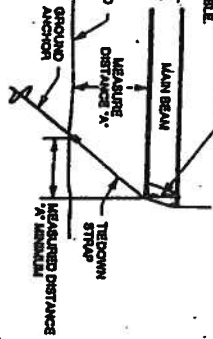
CAUTION

SUPPLEMENTAL TIEDOWN STRAPS ARE NOT A
REPLACEMENT FOR DIAGONAL MAIN BEAM TIEDOWN
STRAPS. THE DIAGONAL MAIN BEAM TIEDOWN
MINIMUM ANCHORING SYSTEM FOR THE HOME TO MEET
WIND ZONE I REQUIREMENTS.



LONGITUDINAL TIEDOWN STRAPS AT FRONT AND REAR OF THE HOME

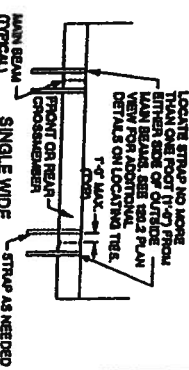
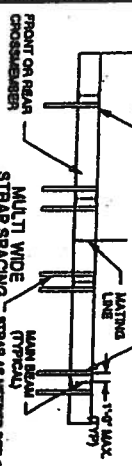
FRONT OR REAR
CROSSMEMBER, MAY BE
OTHER CONSTRUCTION
THAN SHOWN. SEE DETAIL
FOR ANCHORING AND
CROSS MEMBER WEDGE
APPLICABLE.



NUMBER OF STRAPS REQUIRED			
SECTION	NUMBER OF SECTIONS	MAX SECTION WIDTH	
I	1	14" 18" 18"	18"
II	1	2	3
II	DOUBLE	3	3
II	TRIPLE	3	3
III	1	3	3
III	DOUBLE	3	3
III	TRIPLE	3	3
III	DOUBLE	3	3
III	TRIPLE	3	3

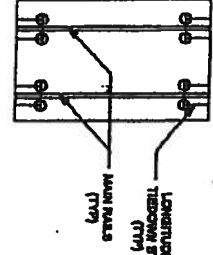
NOTE
1. Tiedown strap through buckle, around front and rear
crossmember and tension strap to anchor head
per details on page 48.

LOCATE STRAP NO MORE
THAN ONE FOOT (1'-0") FROM
INNER EDGE OF OUTSIDE
WALL FOR ANCHORING
DETAILS ON LOCATING TIE.

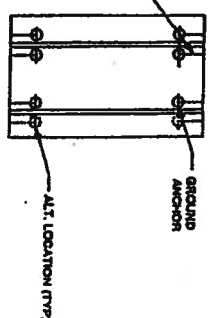


APPROVAL		FLEETWOOD ENTERPRISES INC.		Calculation Numbers	
RADCO		HOUSING CONSTRUCTION & SAFETY STANDARDS		0023167	
DEC 23 1998		4		APPROVED	
TITLE		LONGITUDINAL STRAP REQUIREMENTS		WZ-1, WZ-2 & WZ-3 (REPLACES #48 IN MANUAL)	
BY: THAM		NO.		72-72-0120.1	
Date: 11-10-88		REV:		A	

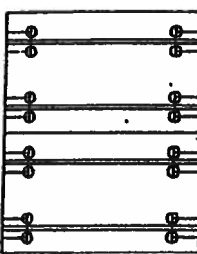
SUPPLEMENT TO THE INSTALLATION MANUAL



4 - TIE (PER END) SYSTEM
SINGLE SECTION HOME



3 - TIE (PER END) SYSTEM
SINGLE SECTION HOME



5 - TIE (PER END) SYSTEM
TWO SECTION HOME



6 - TIE (PER END) SYSTEM
TWO SECTION HOME

Note:
1. Two section details may also be used in combination for "Quasi" home configurations.

APPROVAL		FLEETWOOD ENTERPRISES INC.		Calculation Numbers	
RADCO		HOUSING CONSTRUCTION & SAFETY STANDARDS		0023167	
DEC 23 1998		4		APPROVED	
TITLE		LONGITUDINAL STRAP REQUIREMENTS		WZ-1, WZ-2 & WZ-3 (REPLACES #48 IN MANUAL)	
BY: THAM		NO.		72-72-0120.2	
Date: 11-10-88		REV:		A	

200-71



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

FRED O. DICKINSON, III
Executive Director

March 20, 2002

Mr. Bert A. Moore, Financial Manager
Manufactured Housing Foundation Systems
Oliver Technologies, Inc.
Post Office Box 9 (467 Swann 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 # 1101 V
DESCRIPTION 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 3'4". Maximum strut angle 45°.

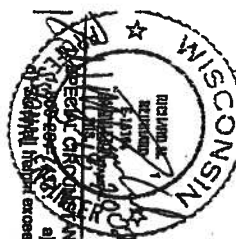
If you have any questions, please advise at (407) 623-1340.

Sincerely,

Phil Bergelt

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

DIVISIONS: FLORIDA HIGHWAY PATROL • DRIVER LICENSES • MOTOR VEHICLES • ADMINISTRATIVE SERVICES
Nell Kirtland Building, Tallahassee, Florida 32399-0500



OLIVER TECHNOLOGIES, INC.
FLORIDA INSTALLATION INSTRUCTIONS FOR THE
MODEL 1101 "V" STABILIZER SYSTEM
MODEL 1101 "V" LONGITUDINAL ONLY
FOLLOW INSTRUCTIONS 1-10

Handwritten signature
3/21/02

INSTALLATION OF GROUND PAN

- Remove weeds and debris in an approximate two foot square to expose firm soil for each ground pan (C).
- 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 8 below.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: IF INSTALLING THE MODEL 1101-2 "V" LONGITUDINAL ONLY, A MINIMUM OF 2 SYSTEMS PER FLOOR SECTION IS REQUIRED. FOUR FOOT (4') GROUND ANCHORS MAY BE USED EXCEPT WHERE MANU. FACTURERS 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.

- 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 it 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"

- Install (2) of the 1.50" square tubes (E (18" tube)) into the "V" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
- Place I-beam connector (F) loosely on the bottom flange of the I-beam.
- 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.
- 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 degrees and not below 40 degrees.
- After all bolts are tightened, secure 1.25" and 1.50" tubes using four (4) 1/4" x 3/4" self-drilling screws in pre-drilled holes.
- 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 centroids, must have the foot (F) 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.
- Select the correct square tube brace (F) 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.)
 - Install the 1.50" transverse brace (F) to the ground pan connector (D) with bolt and nut.
 - Slide 1.25" transverse brace into the 1.50" brace and attach to adjacent I-beam connector (1) with bolt and nut.
 - Secure 1.50" transverse arm to 1.25" transverse arm using four (4) 1/4" x 3/4" self-drilling screws in pre-drilled holes.

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

Telephone: 851-798-4
Fax: 851-798-8011
www.olivertechnologies.com

1. SPECIAL CIRCUMSTANCES: If the following conditions occur - STOP! Contact Oliver Technologies at 1-800-284-7437:
 - a) Pier height exceeds 45'
 - b) Length of home exceeds 75'
 - c) Roof eaves exceed 18'
 - d) Sidewall height exceed 8'
 - 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 8 below.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

NOTE: WHEN INSTALLING THE MODEL 1101-1 "V" LONGITUDINAL SYSTEM, A MINIMUM OF 3 SYSTEMS PER FLOOR SECTION IS REQUIRED. FOUR FOOT (4') GROUND ANCHOR MAY BE USED EXCEPT WHERE THE HOME MANUFACTURER SPECIFIES DIFFERENT USE GROUND ANCHOR WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 6". 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 "V" bracket (A), 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

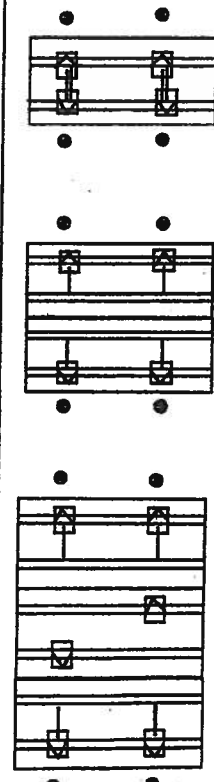
10. Install remaining vertical tie-down straps and 4' ground anchors per home manufacturer's instructions. NOTE: Centerline anchors to be sized according to soil torque condition. Any manufacturer's specifications for sidewall anchor loads in excess of 4,000 lbs. require a 6" anchor.
11. NOTE: Each system is required to have a frame tie and stabilizer attached at each lateral arm stabilizing location.
12. Select the correct square tube brace (F) 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 (F) 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

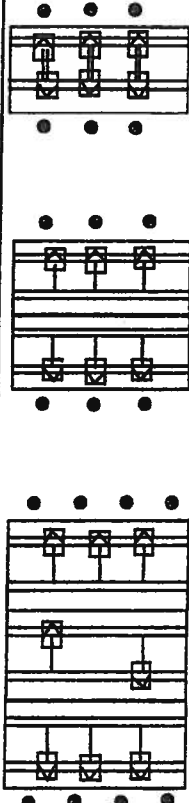
Telephone: 831-796-8911
Fax: 831-796-8911
www.olivertechnologies.com

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

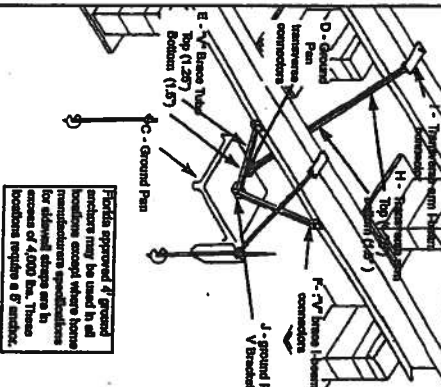
ALL WIDTHS; AND LENGTHS UP TO 52'



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 stabilize plate and frame tie required at each lateral bracing system.



- NOTE:**
1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
 2. • = STABILIZER PLATE AND FRAME TIE LOCATION
 3. □ = LOCATION OF ASB MODEL 1101 "V" (LATERAL & LONGITUDINAL BRACING)
 4. □ = LOCATION OF MODEL 1101-1 "V" (LONGITUDINAL BRACING ONLY)

- D - GROUND PAN
- E - GROUND PAN CONNECTOR
- F - TELESCOPING V BRACE
- G - TELESCOPING V BRACE
- H - TELESCOPING TRANSVERSE ARM ASSEMBLY
- I - TRANSVERSE ARM I-BEAM CONNECTOR
- J - V-PAN BRACKET

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

Telephone: 831-796-8911
Fax: 831-796-8911
www.olivertechnologies.com

PATENT PENDING
REVISED INSTRUCTIONS 6/2002

CONTRACT FOR SALE OF REAL ESTATE

SELLER: JOSEPH L. DICKS SR.
190 RIVERSIDE AVE.
FORT WHITE, FL. 32038
(386) 497-3637
(386) 397-3258

DATE 8-16-03
LOT # 9 & 10
ACCOUNT # _____

BUYER: James A. Anderson Jr.
ADDRESS: 602 SW Kentucky Street Ft. White
PHONE # (H) 352-355-7278 (C) 352-255-8087 (W) 352-725-7278
PROPERTY DESCRIPTION LOTS 9 & 10 THREE RIVER ESTATE BLK 5 UNIT 23

DATE PURCHASED 8-16-03 PURCHASE PRICE \$28,000.00
DATE FIRST PYMT Sept 15, 2003 DOWN PAYMENT \$10,000.00
PAYMENT M.O. S. A 111 BAL. FINANCED \$18,000.00
DATE PAYMENT DUE 15 PAYMENT AMOUNT \$250.00
NUMBER OF PYMTS. 271 LATE CHARGE FEE \$20.00
INTEREST RATE 14% CLOSING DATE 1 Year from Signing 8-16-03
CLOSED BY: CONTRACT ☒ WARRANTY DEED ☒ AGREEMENT ☐

1. THIS CONTRACT IS NOT ASSIGNABLE AND THERE IS A DUE ON SALE CLAUSE.
2. THERE IS NO PREPAYMENT PENALTY.
3. BUYER WILL PAY A \$20.00 LATE FEE IF PAYMENT IS 10 DAYS LATE.
4. BUYER WILL PAY A \$20.00 CHARGE FOR ANY BAD CHECKS. AFTER THE FIRST BAD CHECK ONLY A MONEY ORDER OR CASHIER'S CHECK WILL BE ACCEPTED.
5. BUYER MUST PAY ALL TAXES, GARBAGE BILLS AND ASSESSMENTS PROMPTLY.
6. BUYER IS RESPONSIBLE FOR ALL CLOSING COSTS.
7. SELLER IS NOT LIABLE OR RESPONSIBLE FOR ANY ACCIDENTS INCURRED ON THIS PROPERTY. BUYER ASSUMES ALL RESPONSIBILITY FOR ACCIDENTS & LIABILITIES.

8. ANY PAYMENTS INCLUDING THE DOWN PAYMENT WILL NOT BE REFUNDED.

SELLER: Joseph L. Dicks Sr. S.S. # 263-46-2987 WITNESS William J. Smith

SELLER: James A. Anderson Jr. S.S. # _____ WITNESS _____

BUYER: James A. Anderson Jr. S.S. # 263-46-2987 WITNESS William J. Smith

D.L. # 263-46-2987

BUYER: _____ S.S. # _____ WITNESS William J. Smith

D.L. # _____

MAIL PAYMENTS TO : JOSEPH L. DICKS, SR. 190 SW RIVERSIDE AVE.
FORT WHITE, FL. 32038



STATE OF FLORIDA
DEPARTMENT OF HEALTH

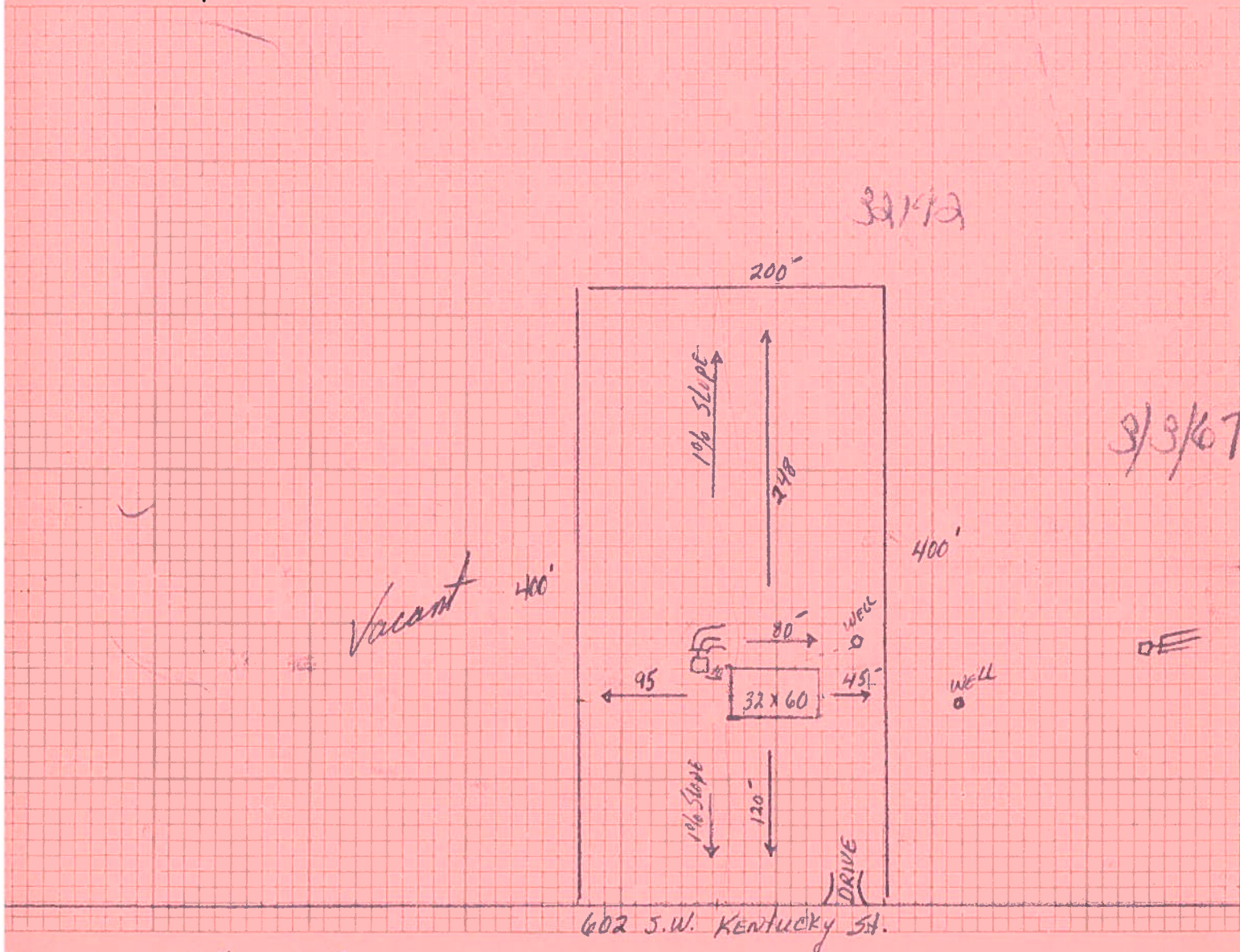
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0685E
06-0685E

PART II - SITE PLAN

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



Notes: 1" = 100'

Site Plan submitted by: Ken Lake Signature

Plan Approved _____ Not Approved _____ Date 7-28-06

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

Parcel: 00-00-00-01438-109

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	DICKS JOSEPH BRUCE
Site Address	
Mailing Address	179 SE GOLF CLUB AVE LAKE CITY, FL 32025
Description	LOT 9 BLOCK 5 UNIT 23 THREE RIVERS ESTATES. ORB 807-2286, 909-809, 929-2303, 929-2305, 929-2307, SWD 993-166.

Use Desc. (code)	VACANT (000000)
Neighborhood	100000.23
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	0.918 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	\$17,300.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$17,300.00

Just Value	\$17,300.00
Class Value	\$0.00
Assessed Value	\$17,300.00
Exempt Value	\$0.00
Total Taxable Value	\$17,300.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
8/7/2003	993/166	WD	I	U	03	\$8,500.00
6/27/2001	929/2307	WD	V	U	09	\$20,000.00
3/12/2001	929/2305	WD	V	U	01	\$3,800.00

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)	1.000 LT - (.918AC)	1.00/1.00/1.00/1.00	\$15,300.00	\$15,300.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

1 of 1



Columbia County Property Appraiser

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

PARCEL: 00-00-00-01438-109 - VACANT (000000)

Name:	DICKS JOSEPH BRUCE	LandVal	\$17,300.00
Site:		BldgVal	\$0.00
Mail:	179 SE GOLF CLUB AVE LAKE CITY, FL 32025	ApprVal	\$17,300.00
		JustVal	\$17,300.00
Sales	8/7/2003 \$8,500.00 I / U	Assd	\$17,300.00
Info	6/27/2001 \$20,000.00 V / U	Exmpt	\$0.00
	3/12/2001 \$3,800.00 V / U	Taxable	\$17,300.00

0 0.05 0.1 0.15 mi



This information, GIS Map Updated: 8/1/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

Parcel: 00-00-00-01438-110

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	DICKS J L
Site Address	
Mailing Address	PO BOX 518 FT WHITE, FL 32038
Description	LOT 10 BLOCK 5 UNIT 23 THREE RIVERS ESTATES. ORB 807-2286, 909-809, 929-2303, 929-2305, 929-2307, SWD 993-165.

Use Desc. (code)	VACANT (000000)
Neighborhood	100000.23
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	0.918 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$15,300.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$15,300.00

Just Value	\$15,300.00
Class Value	\$0.00
Assessed Value	\$15,300.00
Exempt Value	\$0.00
Total Taxable Value	\$15,300.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
8/7/2003	993/165	WD	V	U	03	\$8,500.00
6/27/2001	929/2307	WD	V	U	09	\$20,000.00
3/12/2001	929/2305	WD	V	U	01	\$3,800.00

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)	1.000 LT - (.918AC)	1.00/1.00/1.00/1.00	\$15,300.00	\$15,300.00

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

1 of 1



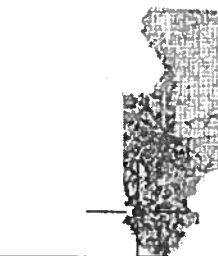
Columbia County Property Appraiser

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

PARCEL: 00-00-00-01438-110 - VACANT (000000)

Name:	DICKS J L	LandVal	\$15,300.00
Site:		BldgVal	\$0.00
Mail:	PO BOX 518	ApprVal	\$15,300.00
	FT WHITE, FL 32038	JustVal	\$15,300.00
Sales	8/7/2003 \$8,500.00 V / U	Assd	\$15,300.00
Info	6/27/2001 \$20,000.00 V / U	Exmpt	\$0.00
	3/12/2001 \$3,800.00 V / U	Taxable	\$15,300.00

0 0.05 0.1 0.15 mi



This information, GIS Map Updated: 8/1/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



00513-003
38.90 Ac

00513-004
38.90 Ac

00513-000
37.38 Ac

03874-000
40 Ac

00513-001
1.52 Ac

ICHETUCKNEE JUNCTION UNR

3869-104
10.01 Ac

3869-105
11.29 Ac

3869-106
11.13 Ac

Part of
03868-000

03873-000
25 Ac

Part of
03878-000

3885-002
7.47 Ac

3877-000
3 Ac

SW UTAH ST

SW US H
03885-005

SW KENTUCKY ST

03878-000

03875-000
20 Ac

HERNDON ACRES

SW ROBERTS AVE

3879-000
2 Ac

SW TEXAS LN

SW DRAKE PL

SW BOUNDARY WAY

25 30

03999-008
10 Ac

3999-005
5.50 Ac

03999-000

03997-000
8 Ac

03997-001
8 Ac

03999-001
8 Ac

3995-000
2 Ac

3999-007
1.92 Ac

03993-000
12.40 Ac

03987-000
24 Ac

03987-001
8 Ac

03989-000

0519-113
10.14 Ac

0519-112
10.14 Ac

0519-111
10.14 Ac

0519-110
10.13 Ac

0519-109
10.13 Ac

0519-103
10.14 Ac

0519-104
10.14 Ac

0519-105
10.14 Ac

0519-106
10.14 Ac

0519-107
10.13 Ac

0519-108
10.13 Ac

00519-000
149.86 Ac

03

0398

ANNEE COUNTY

00507-003
36 87 Ac

23

SW U.S. HWY - 27

00509-000 12.50 Ac

(AKA SR - 20)

UTAH ST

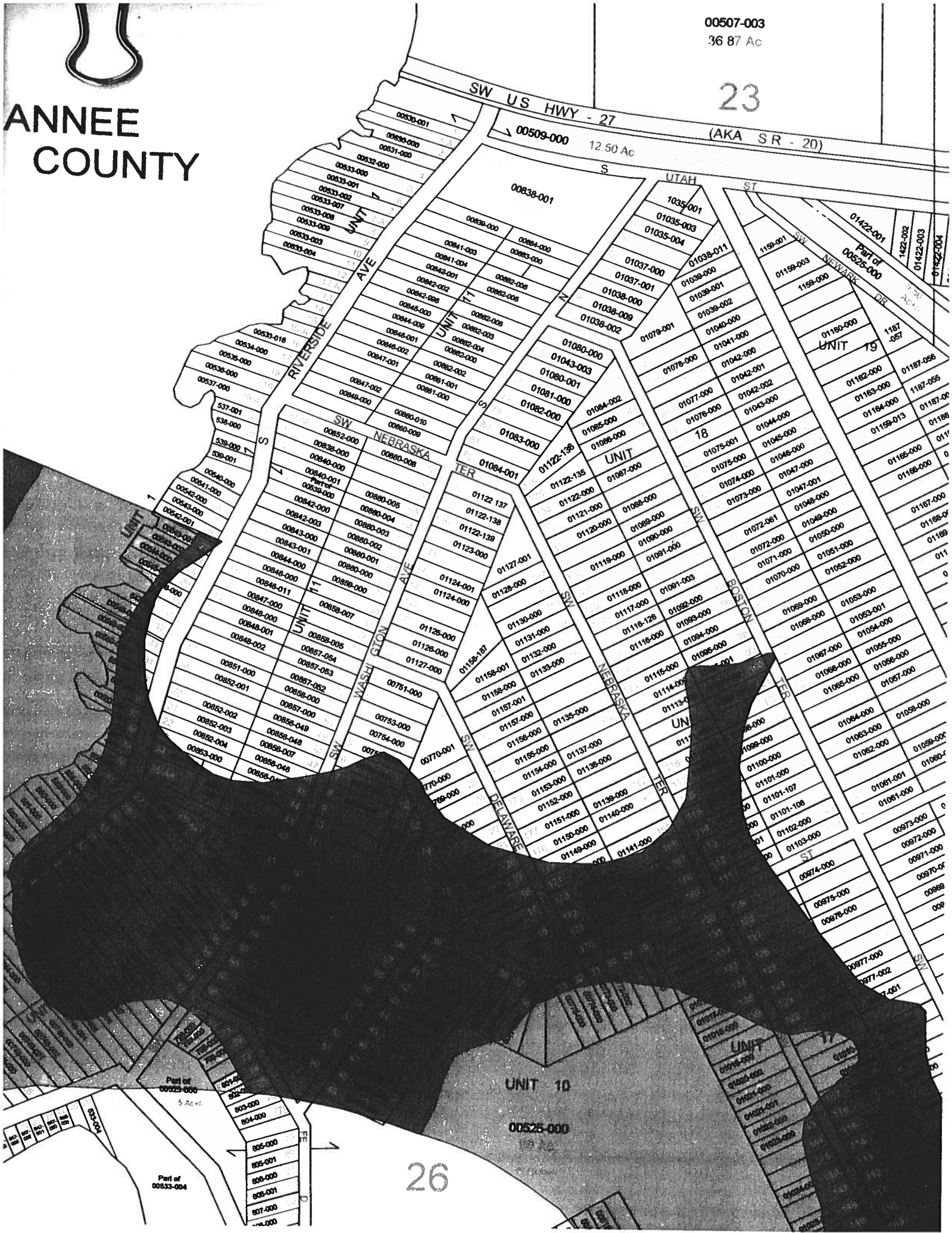
Part of 00525-000

UNIT 19

UNIT 10

00525-000

26



STATE OF FLORIDA
COUNTY OF COLUMBIA

AFFIDAVIT

This is to certify that I, (We), CIRCLE B OF OUALA INC., as the
seller, by an Agreement for Deed, of the below described property:

Tax Parcel No. 01438-110 & 01438-009

Subdivision (Name, lot, Block, Phase) Lots 9 & 10 BK5, Unit 23 Three Rivers

Give my permission for SANDRA Iddings & Joseph to place a
(Mobile Home) / Travel Trailer / Single Family Home Est.

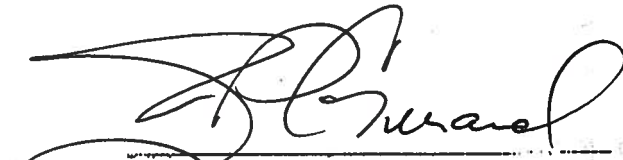
I (We) understand that this could result in an assessment for solid waste and fire
protection services levied on this property.


(1) Seller Signature

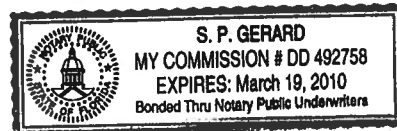
(2) Seller Signature

Sworn to and subscribed before me this 23 day of Aug., 2006. This

(These) person (s) are personally known to me or produced ID _____
(Type)


Notary Public Signature
State of Florida
My commission expires: _____

S P GERARD
Notary Printed Name



File Number: UT04-1037

Inst:2006019487 Date:08/16/2006 Time:14:13

Doc Stamp-Deed : 70.35

DC, P. Dewitt Cason, Columbia County B:1092 P:2742

General Warranty Deed

Made this August 10, 2006 A.D. By JOSEPH BRUCE DICKS, hereinafter called the grantor, to CIRCLE B OF OCALA INC, whose post office address is 177 SE Golf Club Ave Lake City FL 32825 hereinafter called the grantees:

2410 S. PINE AVE Ocala FL 34457
(Witnesses have before the said grantor and grantees in 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 Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, alien, remises, releases, conveys and confirms unto the grantees, all that certain land situate in Columbia County, Florida, viz:

Lot 9, Block 5 of THREE RIVERS ESTATES UNIT 25, a subdivision, according to the Plat thereof as recorded in Plat Book 4, Page(s) 80, of the Public Records of Columbia County, Florida.

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: R01438-009

Together with all the improvements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

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

And the grantor hereby covenants with said grantees 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 whatsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2003.

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:

Daisy Rusk
Witness Printed Name Daisy Rusk

Joseph Bruce Dicks (Seal)
JOSEPH BRUCE DICKS
Address:

Martha Bryan
Witness Printed Name Martha Bryan

177 SE Golf Club Ave Lake City FL 32825 (Seal)

State of Florida Columbia
County of Columbia
The foregoing instrument was acknowledged before me this 10th day of August, 2006, by JOSEPH BRUCE DICKS, who is personally known to me or who has produced drivers license as identification.

Martha Bryan
Notary Public
Print Name
My Commission Expires _____



Martha Bryan
Commission # 00232534
Expires August 10, 2007
Notary Public - Columbia County, FL 32103

DEED Individual Warranty Deed With Non-Statutory Legal as Form
Clover Choice

Inst:2006019480 Date:08/10/2006 Time:14:13
Doc Stamp-Deed : 70.35
PC,P.Dewitt Cason,Columbia County B:1092 P:2743

General Warranty Deed

Made this August 10, 2006 A.D. by J. L. Dicks, hereinafter called the grantor, to CIRCLE K OF OCALA INC., whose post office address is: 2410 S. Pine Ave Ocala FL, hereinafter called the grantee:

(Whoever used herein the term "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 Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, assigns, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 10, Block 5 of THREE RIVERS ESTATES UNIT 23, a subdivision, according to the Plan thereof as recorded in Plat Book 4, Page(s) 80, of the Public Records of Columbia County, Florida.

Said property is not the homestead of the Grantee(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any member of the household of Grantor(s) reside therein.

Parcel ID Number: 007435-110

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

To Have and to Hold, the same to the grantee 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 that title to said land and will defend the same against the lawful claims of all persons whatsoever; and that said land is free of all encumbrances except those arising subsequent to December 31, 2005.

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:

[Signature]
Witness Printed Name: Martha Bryan

[Signature]
Witness Printed Name: Martha Bryan

[Signature] (Seal)
Address: PO Box 517
FT White FL 32035 (Seal)

Address:

State of Florida: Columbia
County of: Columbia

The foregoing instrument was acknowledged before me this 10th day of August, 2006, by J. L. DICKS, who is personally known to me or who has produced drivers license as identification.

Notary Public
Print Name: Martha Bryan

My Commission Expires: _____



Martha Bryan
Commission # 00232534
Expires August 10, 2007
Jared Day Notary Services, Inc. 800-888-7976

DEED Individual Warranty Deed With Non-Homestead Legal on Face
Clerk's Office

**COLUMBIA COUNTY
OFFICE
OF
M/H OCCUPANCY**

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 24-6S-15-01438-110

Building permit No. 000024907

Permit Holder KEN LAKE

Owner of Building SANDRA IDDINGS

Location: 602 SW KENTUCKY ST, FT. WHITE, FL

Date: 09/14/2006



Thany Dicks

Building Inspector

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