



BUILDING DEPARTMENT
COLUMBIA COUNTY, FLORIDA
OUT OF COUNTY MOBILE HOME INSPECTION REPORT

Application # _____

COUNTY THE MOBILE HOME IS BEING MOVED FROM Reddick Fl 32686
OWNERS NAME East Lake city LLC PHONE 352-250-6302 CELL _____
INSTALLER James Hall PHONE 352-572-1435 CELL _____
INSTALLERS ADDRESS PO BOX 345 Lowell Fl 32663

MOBILE HOME INFORMATION

MAKE Ambe YEAR 1996 SIZE 14 X 65
COLOR Sky blue SERIAL No. 686109591
WIND ZONE 2 SMOKE DETECTOR yes

INTERIOR:
FLOORS carpet / vinyl
DOORS wood door - good cond.
WALLS Dry wall is good. -
CABINETS wood cabinets - good
ELECTRICAL (FIXTURES/OUTLETS) good

EXTERIOR:
WALLS / SIDING good siding
WINDOWS good
DOORS good

INSTALLER: APPROVED / NOT APPROVED _____

INSTALLER OR INSPECTORS PRINTED NAME James Hall
Mobile Home Installer Signature [Signature] License No. IH1025175 Date 4/3/2023
NOTES: mobile home is all good.

ONLY THE ACTUAL LICENSE HOLDER OR A BUILDING INSPECTOR CAN SIGN THIS FORM.

NO WIND ZONE ONE MOBILE HOMES WILL BE PERMITTED. MOBILE HOMES PRIOR TO 1977 ARE PRE-HUD AND THE WIND ZONE MUST BE PROVEN TO BE PERMITTED.

BEFORE THE MOBILE HOME CAN BE MOVED INTO COLUMBIA COUNTY THIS FORM MUST BE COMPLETED AND RETURNED TO THE COLUMBIA COUNTY BUILDING DEPARTMENT.

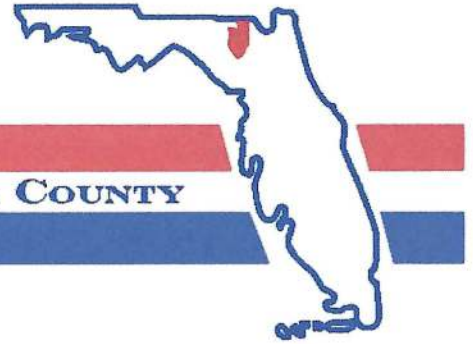
ONCE MOVED INTO COLUMBIA COUNTY AN INSPECTOR MUST COMPLETE A PRELIMINARY INSPECTION ON THE MOBILE HOME. CALL 386-758-1008 TO SET UP THIS INSPECTION. NO PERMIT WILL BE ISSUED BEFORE THIS IS DONE.

FOR OFFICE USE

Building Inspectors Signature _____ Date _____

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Robby Hollingsworth
District No. 4 - Toby Witt
District No. 5 - Tim Murphy

**BUILDING AND ZONING
DEPARTMENT**



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

**MOBILE HOME INSTALLER
OBLIGATION LETTER**

I, James Hall, of H+S mobile Home, license number
(Print Name) (Company Name)

IH 1025175, do hereby agree to affix the installation decal onto this manufactured home as required by law and provide a copy of this decal to the permitting authority.

I further understand that once these decals become available I must provide them to obtain any further permits in Columbia County, Florida.

[Signature]
Signature - Licensed Mobile Home Installer

03/14/2023
Date

Job Information

Job Name: Dalton Thomas

Location: 220 NE Craig AVE Lake city

Application or Permit #: _____

BOARD MEETS FIRST AND THIRD THURSDAY AT 5:30 P.M.

P.O. BOX 1529

LAKE CITY, FLORIDA 32056-1529

PHONE (386) 755-4100

Columbia County Property Appraiser

Jeff Hampton

2023 Working Values

updated: 3/30/2023

Parcel: 33-3S-17-06500-001 (45701)

Owner & Property Info

Owner	EAST LAKE CITY, LLC 295 NIAGARA AVE ORANGE CITY, FL 32763		
Site	170 NE CRAIG AVE, LAKE CITY 182 NE CRAIG AVE		
Description*	LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9 AND A PORTION OF LOT 10 BLOCK 2 HIGHLAND ESTATES S/D ALSO DESC AS: BEG NE COR OF SAID BLOCK 2, S 306.30 FT, W 137.39 FT TO E LINE OF LOT 9, S 57.70 FT TO SE COR OF LOT 9, W 137.31 TO E LINE OF BLOCK 2 & E/W OF NE JAMES AVE, ...more>>>		
Area	1.741 AC	S/T/R	33-3S-17
Use Code**	MH PARK (2802)	Tax District	2

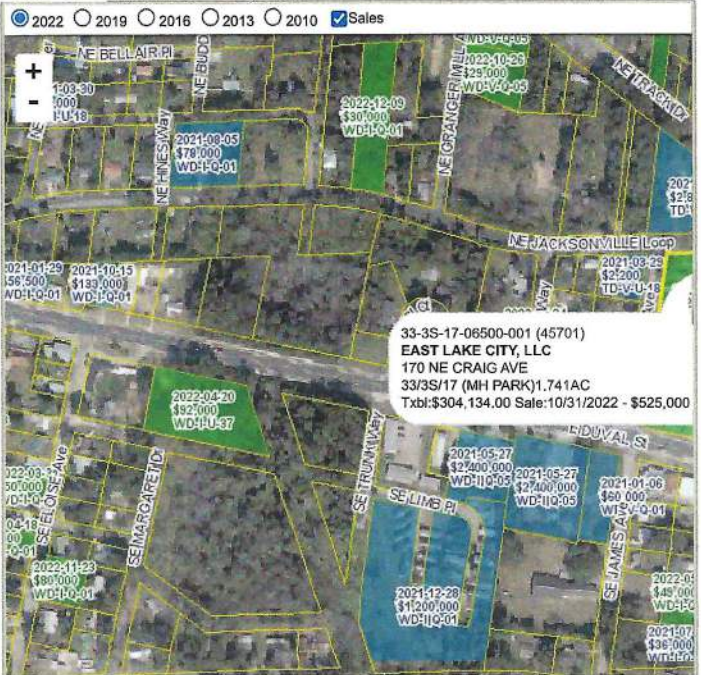
*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.

**The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Property & Assessment Values

2022 Certified Values	2023 Working Values	
There are no 2023 Certified Values for this parcel	Mkt Land	\$32,000
	Ag Land	\$0
	Building	\$220,534
	XFOB	\$51,600
	Just	\$304,134
	Class	\$0
	Appraised	\$304,134
	SOH Cap [?]	\$0
	Assessed	\$304,134
	Exempt	\$0
	Total	county:\$304,134 city:\$0
	Taxable	other:\$0 school:\$304,134

Aerial Viewer Pictometry Google Maps



Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Qualification (Codes)	RCode
10/31/2022	\$0	1478/2771	WD	I	U	11
10/31/2022	\$525,000	1478/1448	WD	I	Q	01

Building Characteristics

Bldg Sketch	Description*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	MOBILE HME (0800)	1994	1152	1152	\$12,088
Sketch	MOBILE HME (0800)	1992	924	924	\$12,816
Sketch	MOBILE HME (0800)	1972	672	672	\$6,061
Sketch	MOBILE HME (0800)	1972	672	672	\$6,000
Sketch	MOBILE HME (0800)	1982	728	728	\$7,035
Sketch	MOBILE HME (0800)	1990	924	924	\$11,025
Sketch	MOBILE HME (0800)	1969	720	720	\$6,494
Sketch	MOBILE HME (0800)	1981	744	964	\$7,206
Sketch	MANUF 1 (0201)	2007	900	900	\$38,967
Sketch	MANUF 1 (0201)	2021	1715	1715	\$112,842

*Bldg Desc determinations are used by the Property Appraisers office solely for the purpose of determining a property's Just Value for ad valorem tax purposes and should not be used for any other purpose.

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims
0259	MHP HOOKUP	1988	\$51,600.00	12.00	x

Land Breakdown

Code	Desc	Units	Adjustments	Eff Rate	Land Value
0210	TRLR PARK (MKT)	8.000 LT (1.741 AC)	1.0000/1.0000 1.0000/ /	\$4,000 /LT	\$32,000

© Columbia County Property Appraiser | Jeff Hampton | Lake City, Florida | 386-758-1083

by: GrizzlyLogic.com

Sales Price \$525,000.00
Doc Stamp \$3,675.00

PREPARED BY & RETURN TO:

Name: Trish Lang, an employee of
Integrity Title Services, LLC
Address: 757 WEST DUVAL STREET
Lake City, FL 32055
File No. 22-09002TL

Parcel No.: 06500-000

Inst: 202212020958 Date: 11/02/2022 Time: 7:58AM
Page 1 of 2 B: 1478 P: 1448, James M Swisher Jr, Clerk of Court
Columbia, County, By: VC WE
Deputy Clerk Doc Stamp-Deed: 3675.00

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

This **WARRANTY DEED**, made the 31st day of October, 2022, by **OLISA PROPERTIES, LLC, A FLORIDA LIMITED LIABILITY COMPANY**, hereinafter called the Grantor, to **EAST LAKE CITY, LLC, A FLORIDA LIMITED LIABILITY COMPANY**, having its principal place of business at **295 NIAGARA AVENUE, ORANGE CITY, FL 32763**, hereinafter called the Grantee:

WITNESSETH: That the Grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee all that certain land situate in County of Columbia, State of Florida, viz:

Lots 1 through 16, Block 2, HIGHLAND ESTATES a subdivision according to plat thereof, recorded in Plat Book 2, Page 114, Public Records of Columbia County, Florida.

SEE EXHIBIT "A"

TOGETHER WITH all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

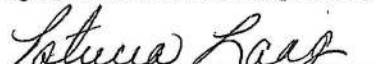
SUBJECT TO TAXES FOR THE YEAR 2022 AND SUBSEQUENT YEARS, RESTRICTIONS, RESERVATIONS, COVENANTS AND EASEMENTS OF RECORD, IF ANY.

TO HAVE AND TO HOLD the same in fee simple forever.

And the Grantor hereby covenants with the 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 and that the Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever. Grantor further warrants that said land is free of all encumbrances, except as noted herein and except taxes accruing subsequent to December 31, 2022.

IN WITNESS WHEREOF, the said Grantor has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its proper officers thereunto duly authorized, the day and year first above written.

Signed, sealed and delivered in the presence of:


Witness Signature
Printed Name: PATRICIA LANG


Witness Signature
Printed Name: Mary Ann Tomlinson

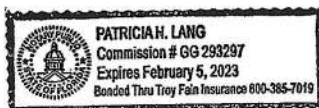
OLISA PROPERTIES, LLC

By:  L.S.
Name: DAVID MORRELL
Title: MANAGING MEMBER

Address (Principal Place of Business):
212 SW COTTAGE GLEN, LAKE CITY, FL 32024

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 31st day of October, 2022, by DAVID MORRELL, MANAGING MEMBER of OLISA PROPERTIES, LLC, A FLORIDA LIMITED LIABILITY COMPANY, on behalf of the LLC. He is personally known to me or has produced _____ as identification.



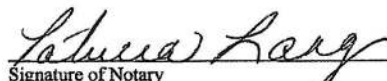

Signature of Notary
Printed Name: PATRICIA LANG
My commission expires: 2-5-23

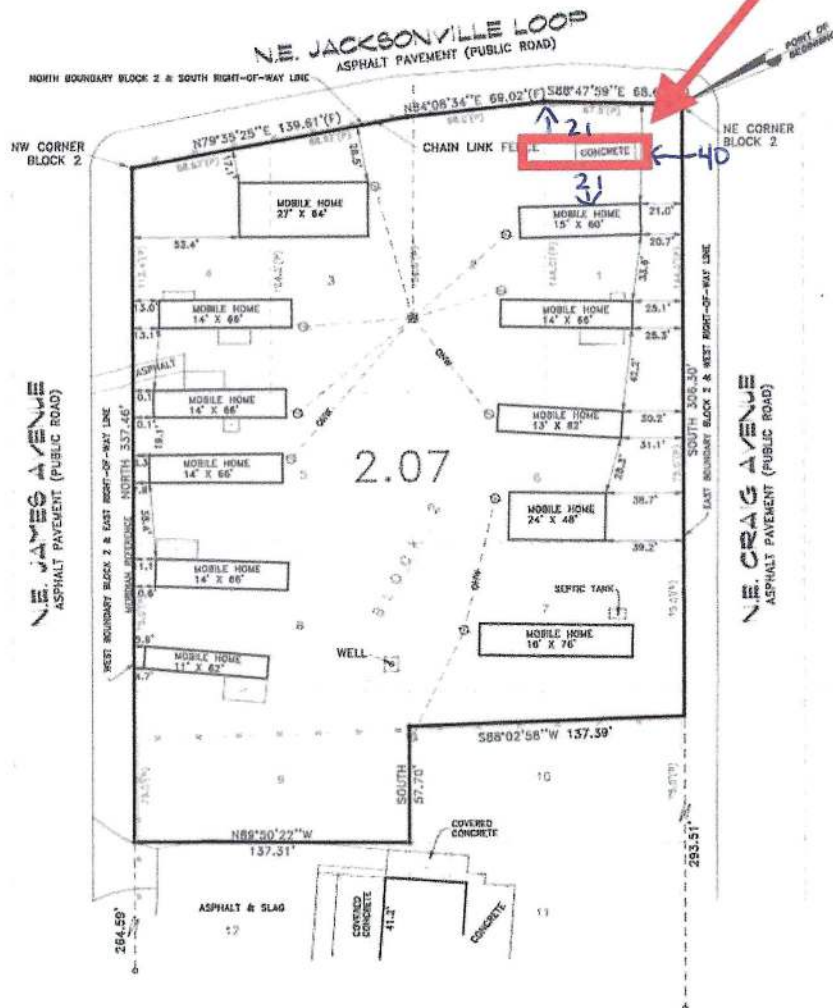
EXHIBIT "A"

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9 AND A PORTION OF LOT 10, BLOCK 2, HIGHLAND ESTATES, AS RECORDED IN PLAT BOOK 2, PAGE 114, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, EXPLICITLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NE CORNER OF SAID BLOCK 2 FOR THE POINT OF BEGINNING; THENCE ON THE EAST BOUNDARY THEREOF, THE SAME BEING THE WEST RIGHT-OF-WAY LINE OF N.E. CRAIG AVENUE, SOUTH, A DISTANCE OF 306.30 FEET; THENCE S 88°02'58" W, A DISTANCE OF 137.39 FEET TO THE EAST BOUNDARY OF SAID LOT 9; THENCE ON SAID EAST BOUNDARY, SOUTH A DISTANCE OF 57.70 FEET TO THE SE CORNER OF SAID LOT 9; THENCE ON THE SOUTH BOUNDARY THEREOF, N 89°50'22" W, A DISTANCE OF 137.31 FEET TO THE EAST BOUNDARY OF SAID BLOCK 2 AND THE WEST RIGHT-OF-WAY LINE OF N.E. JAMES AVENUE; THENCE ON SAID BOUNDARY AND SAID RIGHT-OF-WAY LINE, NORTH, A DISTANCE OF 337.46 FEET TO THE NW CORNER OF SAID BLOCK 2; THENCE ON THE NORTH BOUNDARY THEREOF AND THE SOUTH RIGHT-OF-WAY LINE OF N.E. JACKSONVILLE LOOP, THE FOLLOWING THREE (3) COURCES, (1) N 79°35'25" E, A DISTANCE OF 139.61 FEET; (2) THENCE N 84°08'34" E, A DISTANCE OF 69.02 FEET; (3) THENCE S 88°47'59" E, A DISTANCE OF 68.67 FEET TO THE POINT OF BEGINNING.

COLUMBIA COUNTY, FLORIDA

MAP OF SURVEY



DESCRIPTION:

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9 and a portion of Lot 10, Block 2, HIGHLAND ESTATES, as recorded in Plat Book 2, Page 114 of the Public Records of Columbia County, Florida, explicitly described as follows:

Commence at the NE corner of said Block 2 for the POINT OF BEGINNING; thence on the east boundary thereof, the same being the west right-of-way line of N.E. Crags Avenue, South, a distance of 306.30 feet; thence S68°02'55"W, a distance of 137.59 feet to the east boundary of said Lot 9; thence on said east boundary, South, a distance of 57.70 feet to the SE corner of said Lot 9; thence on the south boundary thereof, N89°50'22"W, a distance of 137.31 feet to the east boundary of said Block 2 and the west right-of-way line of N.E. James Avenue; thence on said boundary and said right-of-way line North, a distance of 337.46 feet to the NW corner of said Block 2; thence on the north boundary thereof and the south right-of-way line of N.E. Jacksonville Loop, the following three (3) courses, (1) N79°35'25"E, a distance of 139.61 feet; (2) thence N84°08'34"E, a distance of 69.02 feet; (3) thence S88°47'59"E, a distance of 68.67 feet to the POINT OF BEGINNING. Containing 1.99 acres, more or less.

Containing 2.07 acres, more or less.

NOTE:
ALL CORNERS ARE
S.C.I.R. 1/2" #4529

9-21-22 REVISED BOUNDARY TO EQUAL 2.07 ACRES.

PER THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAP COMMUNITY NO. 12023C PANEL NO. 03090 DATED 11-2-18 THE PROPERTY SHOWN AND DESCRIBED HEREON APPEARS TO BE IN ZONE WITH A BASE ELEVATION OF N/A MEAN SEA LEVEL N.A.V.D. 1985.

BOUNDARY & LOCATION SURVEY 7-20-22

I hereby certify that this plat accurately represents a survey of the lands shown and described hereon, and meets or exceeds the Minimum Standard Requirements of Chapter 51-17 Florida Administrative Code pursuant to Chapter 472.

Darrell Copeland
Darrell Copeland
Professional Land Surveyor
Florida Certificate #4529

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

CERTIFIED TO: OLISA PROPERTIES, LLC INTEGRITY TITLE SERVICES, LLC FIRST AMERICAN TITLE INSURANCE CO.		JOB NO. 22-001A
DARRELL COPELAND SURVEYING, INC. LBS#141 7910 180TH STREET McALPIN, FLORIDA 32062 (386) 209-4345 dcsurvey@bellsouth.com		
DRAWN DWC	DATE 1-18-22	CHECKED DARRELL
PARTY CHIEF DC	FIELD BOOK FILE	PAGE FILE NO.

NOTES:

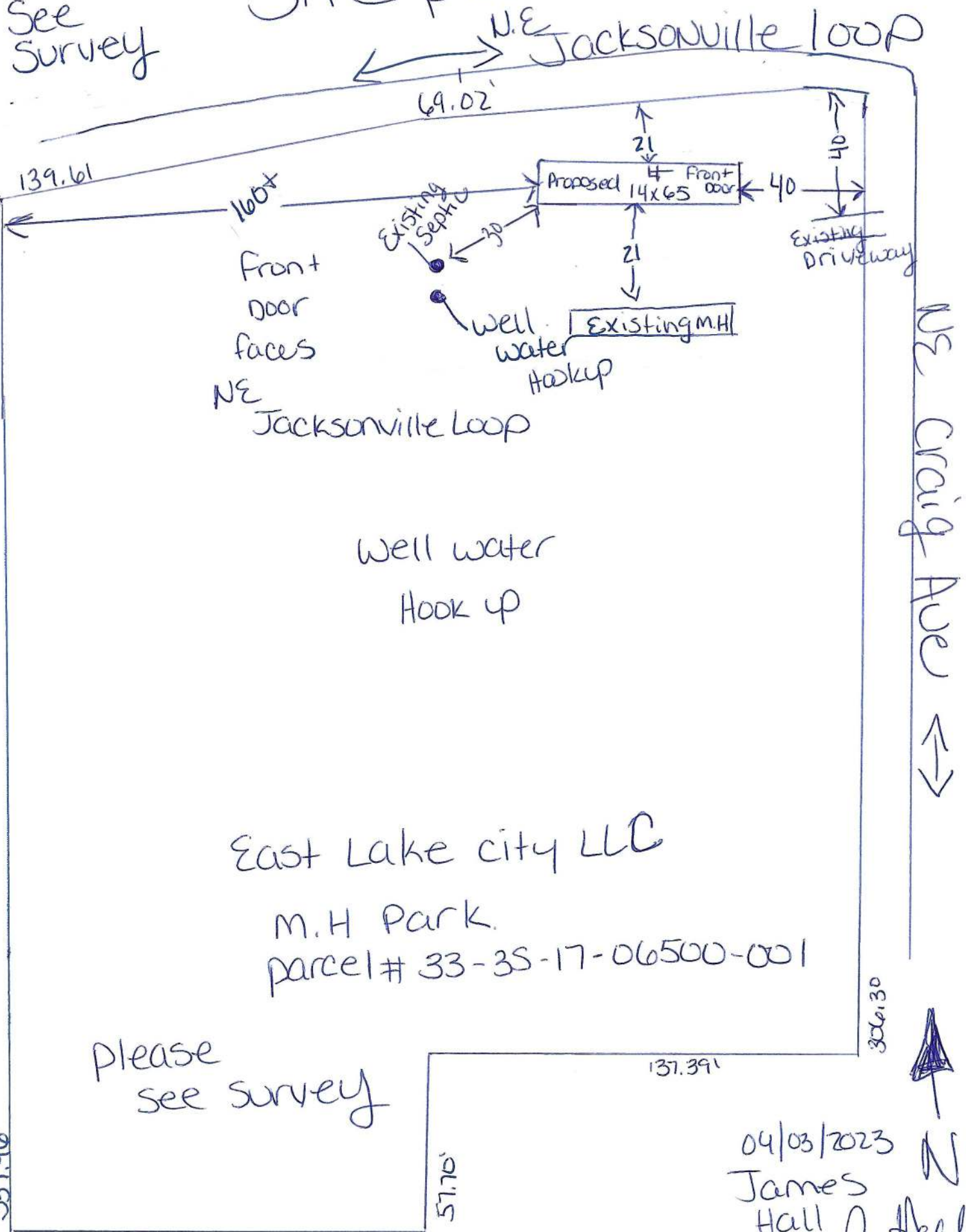
- 1) Underground utilities and/or underground encroachments if any not located.
- 2) This survey was performed without the benefit of a "Title Search".
- 3) MERIDIAN BASED ON THE EAST R/W LINE OF JAMES AVE. BEARING NORTH ASSUMED.
- 4) There may be additional easements and/or restrictions not shown on this survey that can be found in the Public Records of Columbia County, Florida.
- 5) This survey was prepared expressly for the persons and/or entities named and only for the original purpose, no other person or entity is entitled to use this survey for any purpose whatsoever without the express written consent of Darrell Copeland.
- 6) This survey is intended for sale, mortgage or refinancing purposes only. Exclusively for this use by those to whom it is certified. This survey is not to be used for construction, permitting, design or any other use without the written consent of Darrell Copeland.

DARRELL COPELAND AS THE CERTIFYING LAND SURVEYOR, ACCEPTS NO RESPONSIBILITY FOR RIGHTS OF WAY, EASEMENTS, RESTRICTIONS, OR OTHER MATTERS AFFECTING TITLE TO LANDS SURVEYED, OTHER THAN THOSE RECORDED IN CURRENT DEED AND/OR OTHER INSTRUMENTS OF RECORD FURNISHED BY CLIENT.

40 scale

please
see
survey

Site plan



N

Floor Plan



East Lake city LLC

parcel # 33-35-17-06500-001

James Hall
04/03/2023

Mobile Home Permit Worksheet

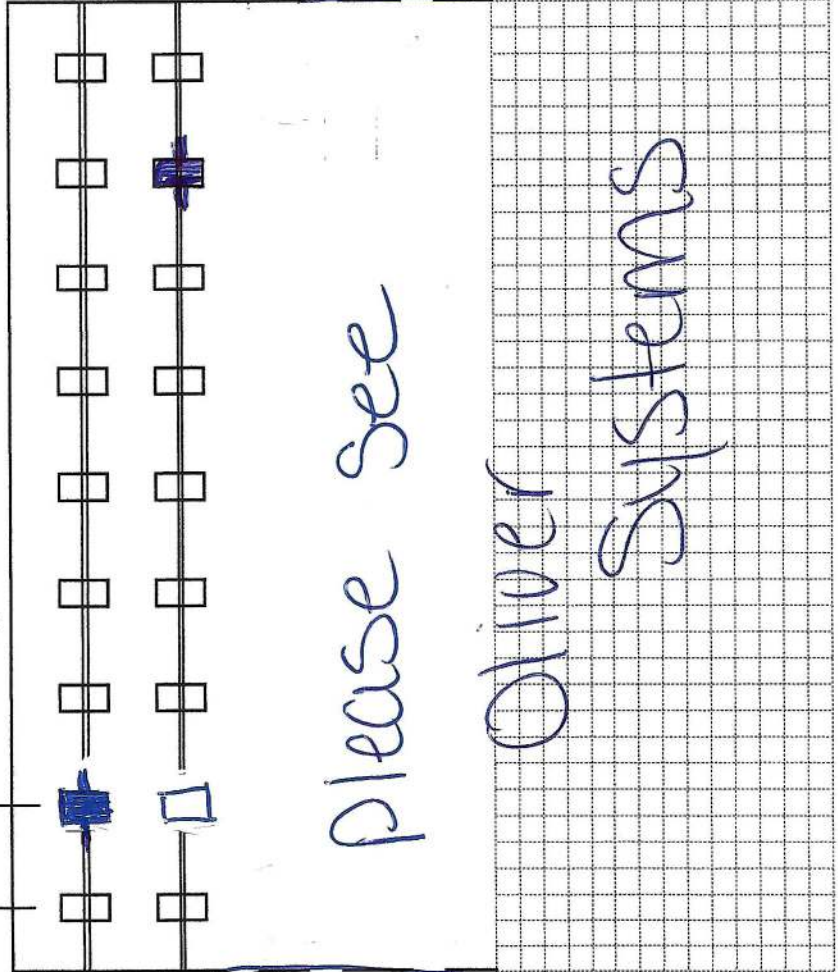
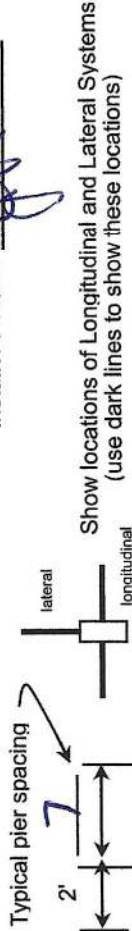
Application Number: _____

Date: 04/03/2023

Installer: James Hall License # IH1025175
 Address of home being installed: 220 NE CRAIG AVE LOT 220
LABE CITY FL 32055
 Manufacturer: 14x65 Length x width

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: [Signature]



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 # 91864
 Triple/Quad ☐ Serial # 686109591

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'	4'	5'	6'	7'	8'
1500 psf	4' 6"	6'	6'	7'	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 24x24
 Perimeter pier pad size 11
 Other pier pad sizes (required by the mfg.) 11

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

X X

TIEDOWN COMPONENTS

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

ANCHORS

4 ft 5 ft

FRAME TIES

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

OTHER TIES

Number

Sidewall _____
 Longitudinal _____
 Marriage wall _____
 Shearwall _____

Mobile Home Permit Worksheet

POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to Assume 1,000 without testing.

x 4,000 x 4,000 x 4,000

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 4,000 x 4,000 x 4,000

TORQUE PROBE TEST

The results of the torque probe test is 5 ft inch pounds or check here if you are declaring 5' anchors without testing 5 ft. 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.

Installer's initials JH

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name James Hall

Date Tested 04/03/2023

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. 5

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 5

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 5

Application Number: 04/03/2023

Date: 04/03/2023

Site Preparation

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

Fastening multi wide units

Floor: Type Fastener: Length: Spacing:
Walls: Type Fastener: Length: Spacing:
Roof: Type Fastener: Length: Spacing:
For used homes a min. 30 gage 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 JH

Type gasket N/A

Installed: Between Floors Yes Between Walls Yes Bottom of ridgebeam Yes

Weatherproofing

The bottomboard will be repaired and/or taped. Yes ✓ Pg. 5
Siding on units is installed to manufacturer's specifications. Yes ✓
Fireplace chimney installed so as not to allow intrusion of rain water. Yes N/A

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 ✓

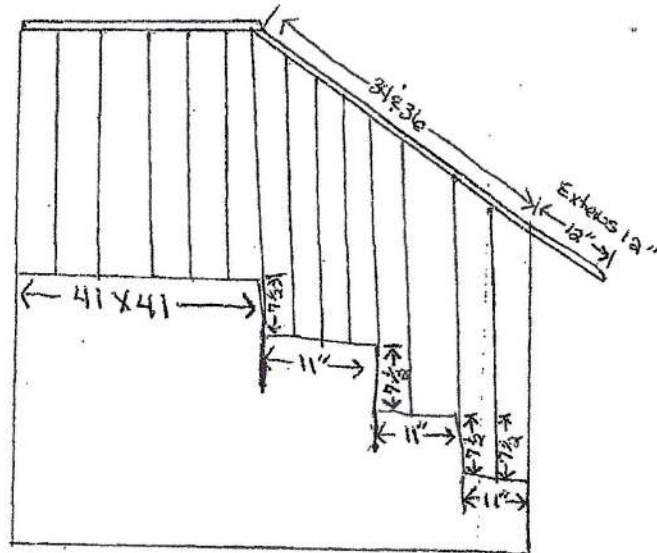
Other: I am not installing skirting

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

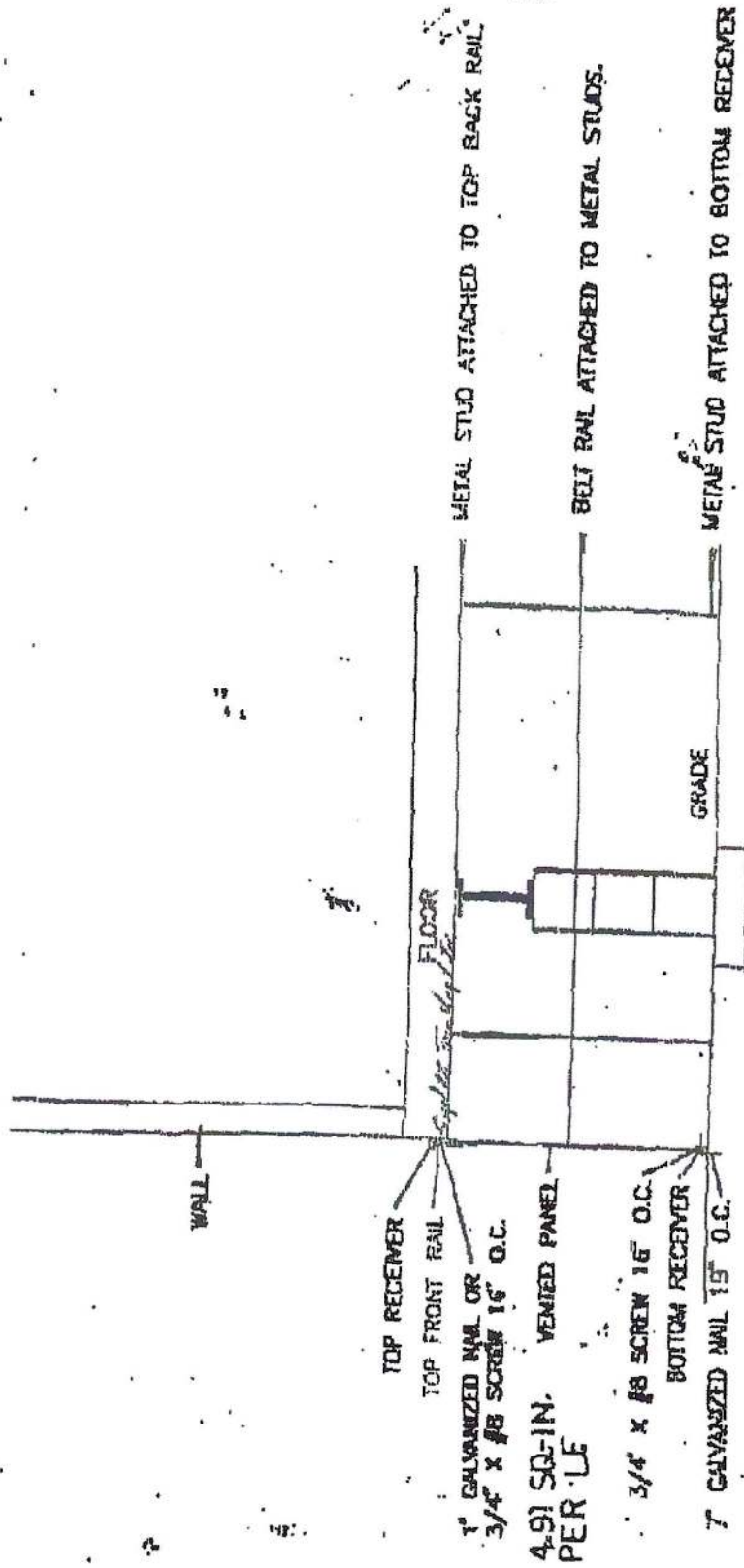
Installer Signature James Hall

Date 04/03/2023

Standard Steps to code



Platform 41 X 41
 Spindels 4" on center
 treads 11"
 risers 7 1/2"



TYPICAL CRAWL SPACE WALL SECTION

1/2" = 1'

SIZE AND LOCATION OF ACCESS DOOR TO BE PLACED TO COORDINATE WITH WATER CUT-OFFS. ACCESS TO BE 18" x 24" MINIMUM.

PER MARION COUNTY REQUEST, SCREWS TO BE INSTALLED AT TOP AND BOTTOM OF EACH PANEL

ANY HOME HAVING IN EXCESS OF 36" HEIGHT MUST HAVE VERTICAL STUDS EVERY 48" WITH BELT RAIL INSTALLED FOR BLOW OUT PROTECTION.

OLIVER TECHNOLOGIES, INC.
FLORIDA INSTALLATION INSTRUCTIONS FOR THE
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM

MODEL 1101 "V" (Steps 1-14)
LONGITUDINAL ONLY: Follow Steps 1-9
LATERAL ONLY: Follow Steps 1-3 and Steps 10-14
FOR CONCRETE APPLICATIONS: Follow Steps 15-18

ENGINEERS STAMP

ENGINEERS STAMP

1. SPECIAL CIRCUMSTANCES: If the following conditions occur - **STOP! Contact Oliver Technologies at 1-800-284-7437 :**

- a) Pier height exceeds 48" c) Roof eaves exceed 16" e) Location is within 1500 feet of coast
b) length of home exceeds 76' d) Sidewall height exceed 96"

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 or below soil then install pier per manufacturer's instructions or per Florida Regs.
SPECIAL NOTE: The longitudinal "V" brace system may also serve 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.

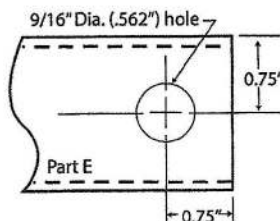
INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM (Model 1101 L "V")

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. Choose one of the approved longitudinal tube installations; either Diagram A or B. Then select the correct square tube (E) length from the diagram for appropriate pier height at support location or cut and drill 1.5" square tube to achieve appropriate length.

PIER HEIGHT (40° Min. - 45° Max.)	1.25" Tube Length	1.50" 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"

Diagram A



PIER HEIGHT (40° Min. - 60° Max.)	1.50" Tube Length
14" to 18"	20"
18" to 25"	28"
24" to 35"	39"
30" to 40"	44"
36" to 48"	54"

Diagram B

5. Install (2) of the 1.50" square tubes (E) 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. (For Diagram A installation) 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. (For Diagram B installation) Attach the selected 1.5" tubes (E) to the I-beam connectors (F) and fasten loosely with bolts and nuts.
8. Repeat steps 6 through 7 to create the "V" pattern of the square tubes loosely in place.
9. Using standard hand tools tighten all nuts and bolts. (For Diagram A installation only, 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 (Model 1101 T "V")

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

NOTE: THE USE OF THIS SYSTEM REQUIRES VERTICAL TIES SPACED AT 5'4".

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. 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.)
12. Install the 1.50 transverse brace (H) to the ground pan connector (D) with bolt and nut.
13. Slide 1.25" transverse brace into the 1.50" brace and attach to adjacent I-beam connector (I) with bolt and nut.
14. 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.

Page 1

INSTALLATION USING CONCRETE RUNNER/ FOOTER

15. 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")

16. When using Part# 1101-W-CPCA (wetset) simply install the bracket in runner/footer **OR** When installing in cured concrete use Part# 101-D-CPCA (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")

17. 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.

18. When using part# 1101 CVW (wetset) or 1101 CVD (dryset), install per steps 17 & 18.

Notes:

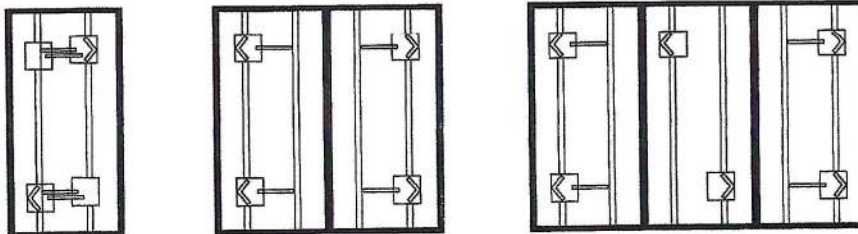
1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE

2.  = LOCATION OF TRANSVERSE BRACING ONLY

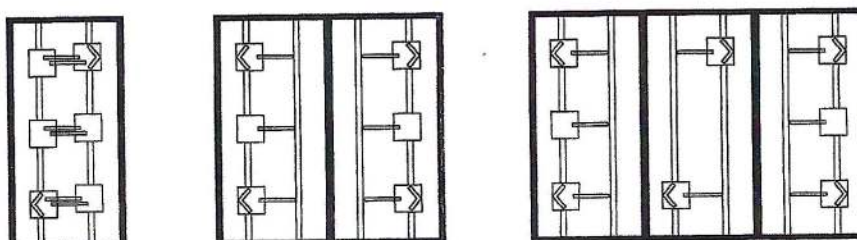
3.  = LOCATION OF LONGITUDINAL BRACING ONLY

4.  = TRANSVERSE AND LONGITUDINAL LOCATIONS

ALL WIDTHS AND LENGTHS UP TO 52'

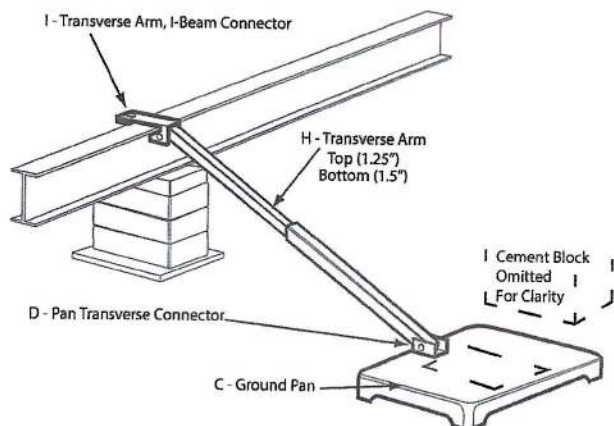


ALL WIDTHS AND LENGTHS OVER 52' TO 80"

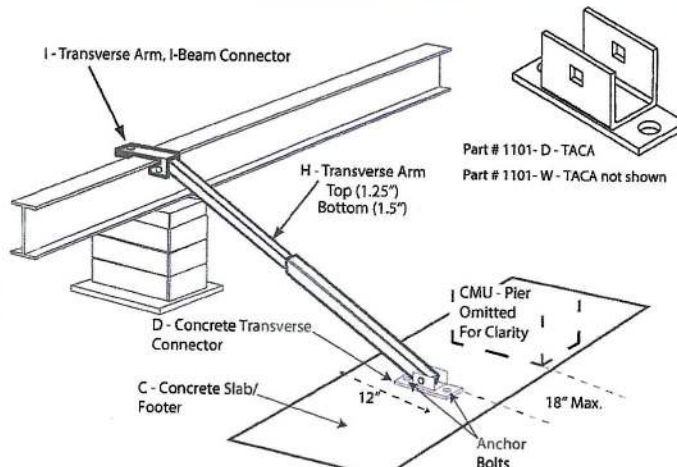


HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS
6 systems for home lengths up to 52' and 8 systems for homes over 52' and up 80'.

PATENT# 6634150 & OTHER PATENT PENDING



Model # 1101 T "V"



Model # 1101 TC "V"

Florida approved 4' ground anchors may be used in all locations except where home manufacturers specifications for sidewall straps are in excess of 4,000 lbs. These locations require a 5' anchor. Per Florida code.

C = GROUND PAN / CONCRETE FOOTER OR RUNNER

D = GROUND PAN / CONCRETE U BRACKETS TRANSVERSE CONNECTOR (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)

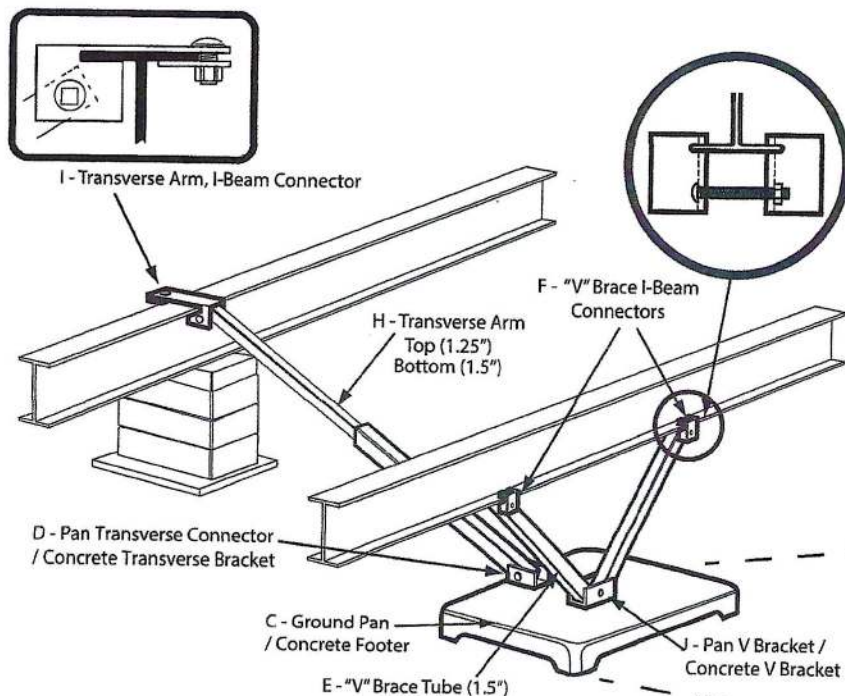
E = TELESOPING V BRACE TUBE ASSEMBLY (1.5" TUBE BOTTOM AND 1.25" TUBE INSERT) OR 1.5" TUBE

F = "V" BRACE I-BEAM CONNECTOR ASSEMBLY

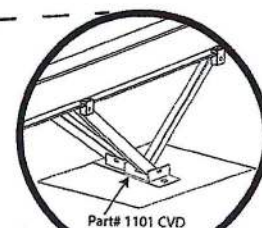
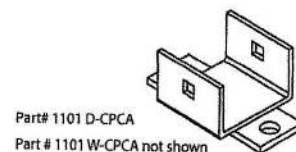
H = TELESOPING TRANSVERSE ARM ASSEMBLY

I = TRANSVERSE ARM I-BEAM CONNECTOR (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)

J = V PAN BRACKET (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)



Model # 1101 "V"



Model # 1101 C "V"