PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

For Office Use Only *(Revised 7-1-15)* Zoning Official_____ Building Official_____

AP#_____ Date Received_____ By_____ Permit #_____

Flood Zone_____ Development Permit_____ Zoning_____ Land Use Plan Map Category_____

Comments_____

FEMA Map# _____ Elevation_____ Finished Floor_____ River_____ In Floodway_____

☑ Recorded Deed or ☐ Property Appraiser PO ☑ Site Plan ☐ EH #_____ ☐ Well letter OR

☐ Existing well ☐ Land Owner Affidavit ☐ Installer Authorization ☐ FW Comp. letter ☐ App Fee Paid

☐ DOT Approval ☐ Parent Parcel #_____ ☐ STUP-MH _____ ☐ 911 App

☐ Ellisville Water Sys ☐ Assessment _____ ☐ Out County ☐ In County ☐ Sub VF Form

Property ID # 09-7S-17-09961-011 Subdivision n/a Lot#____

- New Mobile Home X Used Mobile Home_____ MH Size 32 X 76 Year 2020
- Applicant Robert Minnella Phone # 352-472-6010
- Address 25743 SW 22 Place, Newberry, FL 32669
- Name of Property Owner Theresa Gianos Phone# (215) 983-5280
- 911 Address 678 SW Barney St
- Circle the correct power company - FL Power & Light - Clay Electric
  (Circle One) - Suwannee Valley Electric - Duke Energy
- Name of Owner of Mobile Home Same Phone #_____
  Address _____
- Relationship to Property Owner Same
- Current Number of Dwellings on Property 0
- Lot Size 173 X 455 Total Acreage 1.81
- Do you : Have Existing Drive (Currently using) or Private Drive (Blue Road Sign) or need Culvert Permit (Putting in a Culvert) or Culvert Waiver (Not existing but do not need a Culvert) (Circle one)
- Is this Mobile Home Replacing an Existing Mobile Home no
- Driving Directions to the Property 441 S to Barney St...Right. Go about 1/2 mile to property on left.

- Name of Licensed Dealer/Installer Ernest S. Johnson Phone # 352-494-8099
- Installers Address 22204 SE US Hwy 301, Hawthorne, FL 32640
- License Number IH 1025249 Installation Decal # 71902

RECORDING REQUESTED BY:
Theresa Irene Gianos

INSTRUMENT PREPARED BY:
Mary Claire Connelly
598 SW Barney Street
High Springs, Florida 32643

RETURN DEED TO:
Theresa Irene Gianos
947 Manor Lane
Southampton, Florida 18966

Inst: 202012009695 Date: 05/28/2020 Time: 3:11PM
Page 1 of 5 B: 1412 P: 1012, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BS
Deputy ClerkDoc Stamp-Deed: 0.70

(Above reserved for official use only)

SEND TAX STATEMENTS TO:
Theresa Irene Gianos
947 Manor Lane
Southampton, Florida 18966

Tax Parcel ID/APN # 09-7S-17-09961-011

QUIT CLAIM DEED FOR FLORIDA

STATE OF FLORIDA
COUNTY OF Columbia

THIS DEED is made this day of 5.27.20 by and between the **"Grantors,"**

Mary Claire Connelly, a married individual residing at 598 SW Barney Street, High Springs, Florida 32643

Jeffrey Lawrence Connelly, a married individual residing at 598 SW Barney Street, High Springs , Florida 32643

AND the **"Grantee,"**

Theresa Irene Gianos, an unmarried individual residing at 947 Manor Lane, Southampton, Florida 18966

FOR VALUABLE CONSIDERATION of the sum of one dollar ($1.00), the receipt and

sufficiency of which is hereby acknowledged, Grantors hereby quitclaim to Grantee and Grantee's heirs and assigns forever, all of Grantors' rights, titles, interests, and claims in or to the following described real estate (the **"Property"**), together with all hereditaments and appurtenances belonging thereto, located in Columbia county, Florida, subject to any restrictions herein:

Legal Description: BEGIN AT THE SE CORNER OF THE NE 1/4 OF THE NW 1/4 OF SECTION 9, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA AND RUN N.01°22'09"W., 173.00 FEET; THENCE S.87°59'20"W., 455.32 FEET; THENCE S.01°23'35"E., 173.00 FEET; THENCE N.87°59'20"E., 455.25 FEET TO THE POINT OF BEGINNING. CONTAINING 1.81 ACRES MORE OR LESS. TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS AS LIES 35.00 FEET TO THE RIGHT (EAST) OF THE FOLLOWING DESCRIBED LINE: COMMENCE AT THE SE CORNER OF THE NE 1/4 OF THE NW 1/4 OF SECTION 9, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA AND RUN S.87°59'20"W., 455.25 FEET; THENCE N.01°23'36"W., 173.00 FEET TO THE POINT OF BEGINNING OF THE AFOREMENTIONED LINE; THENCE N.01°23'36"W., 1116.98 FEET TO THE POINT OF TERMINATION OF SAID LINE.

Vesting Information / Property Interest: Grantee receives the Property in fee simple as the sole owner.

[SIGNATURE PAGE FOLLOWS]

Signatures

Grantors signed, sealed, and delivered this quit claim deed to Grantee on May 27, 2020 (date).

Grantor (or authorized agent)

x/ Jeffrey L Connelly

Print Name: Jeffrey L. Connelly

Grantor (or authorized agent)

x/ Mary Claire Connelly

Print Name: Mary Claire Connelly

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

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

Address Assignment and Maintenance Document

To maintain the county wide 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 addressing 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 Services 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/Time Issued:	**6/2/2020 2:59:03 PM**
Address:	**678 SW BARNEY St**
City:	**HIGH SPRINGS**
State:	**FL**
Zip Code	**32643**
Parcel ID	**09961-011**

REMARKS: Address for proposed structure on parcel.

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

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

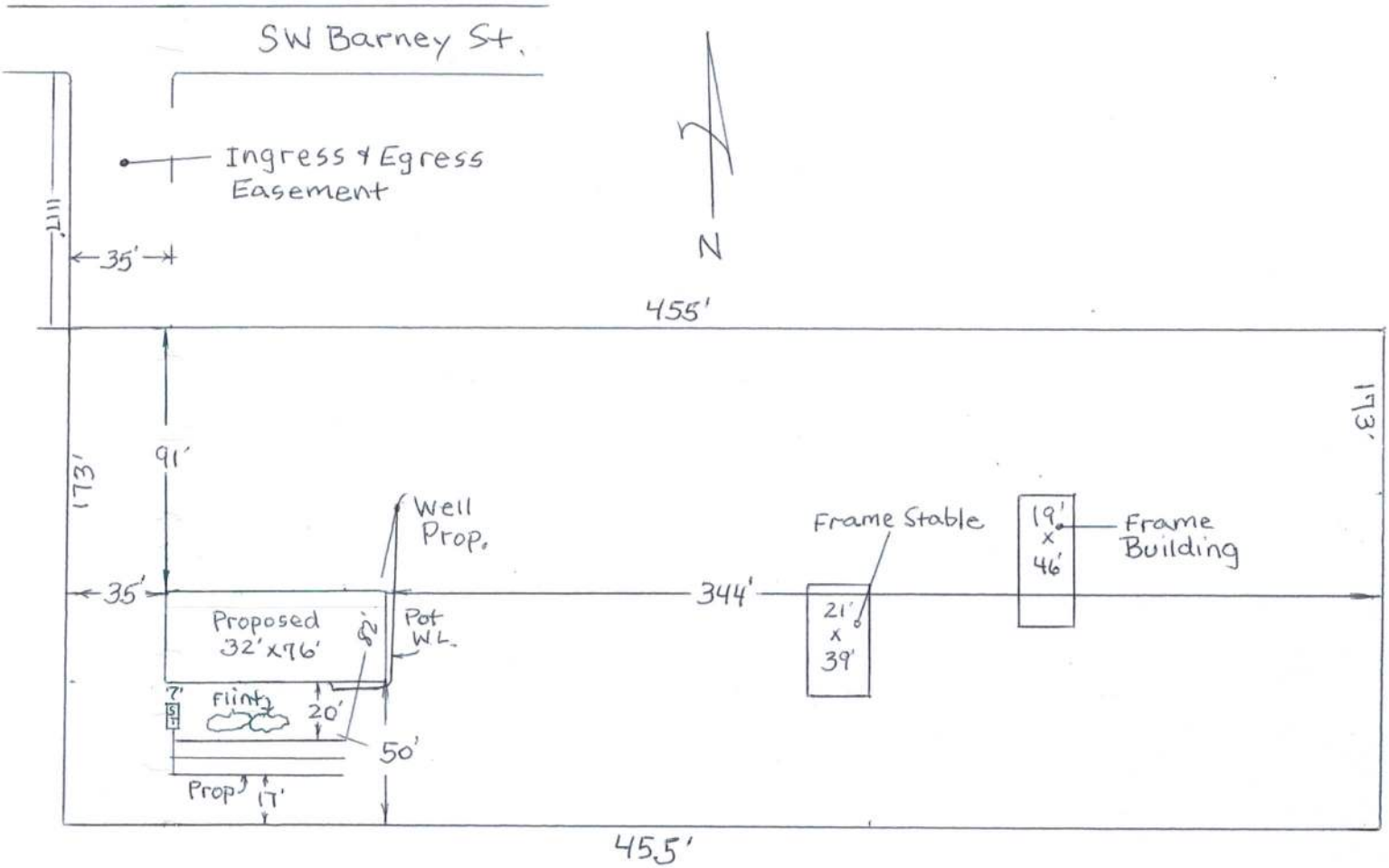
COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT
263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number_____

Theresa Gianos
09-07-17-09961-011

PART II – SITE PLAN 1" = 60'



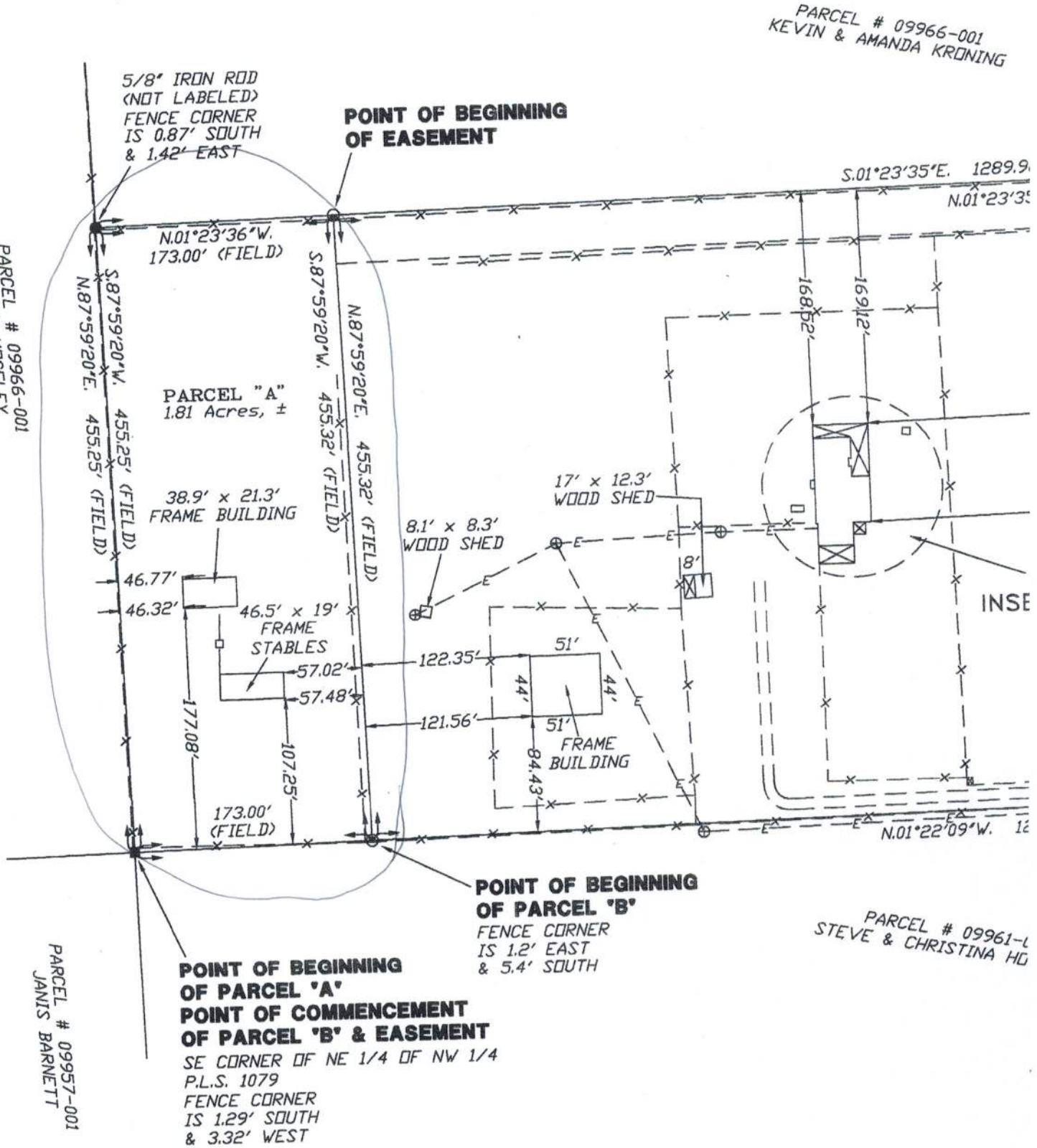
Notes: All New Systems no pertinent offsite features within 75'. Flint Rocks (2)

Site Plan submitted by: Robert Minnella Date: 06-01-2020 Agent ✓
Robert Minnella

Plan Approved_____ Not Approved_____ Date_____

By_____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT


PARCEL # 09966-001
KEVIN & AMANDA KRONING
5/8" IRON ROD
(NOT LABELED)
FENCE CORNER
IS 0.87' SOUTH
& 1.42' EAST
POINT OF BEGINNING
OF EASEMENT
S.01°23'35"E. 1289.9
N.01°23'35
N.01°23'36"W.
173.00' (FIELD)
S.87°59'20"W. 455.25' (FIELD)
N.87°59'20"E. 455.25' (FIELD)
S.87°59'20"W. 455.32' (FIELD)
N.87°59'20"E. 455.32' (FIELD)
PARCEL # 09966-001
WAYNE MOSELEY
PARCEL "A"
1.81 Acres, ±
38.9' x 21.3'
FRAME BUILDING
46.77'
46.32'
46.5' x 19'
FRAME
STABLES
57.02'
57.48'
177.08'
107.25'
173.00'
(FIELD)
8.1' x 8.3'
WOOD SHED
17' x 12.3'
WOOD SHED
8'
168.62'
169.12'
INSE
122.35'
121.56'
51'
44'
44'
51'
FRAME
BUILDING
84.43'
N.01°22'09"W.
POINT OF BEGINNING
OF PARCEL "B"
FENCE CORNER
IS 1.2' EAST
& 5.4' SOUTH
PARCEL # 09961-
STEVE & CHRISTINA HO
POINT OF BEGINNING
OF PARCEL "A"
POINT OF COMMENCEMENT
OF PARCEL "B" & EASEMENT
SE CORNER OF NE 1/4 OF NW 1/4
P.L.S. 1079
FENCE CORNER
IS 1.29' SOUTH
& 3.32' WEST
PARCEL # 09957-001
JANIS BARNETT

MOBILE HOME INSTALLATION SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Ernest S. Johnson PHONE (352)494-8099

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name Glenn Whittington Signature Robert Minnella License #: EC13002957 Phone #: (386)972-1700 Qualifier Form Attached [X]
MECHANICAL/ A/C _____	Print Name Michael A. Boland Signature Michael A. Boland License #: CAC1817716 Phone #: (352)205-6722 Qualifier Form Attached [ ]

Qualifier Forms cannot be submitted for any Specialty License.

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Revised 10/30/2015

COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave, Suite B-21, Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

LICENSED QUALIFIER AUTHORIZATION

I, Glenn Whittington (license holder name), licensed qualifier for Whittington Electric Inc (company name), do certify that the below referenced person(s) listed on this form is/are contracted/hired by me, the license holder, or is/are employed by me directly or through an employee leasing arrangement; or, is an officer of the corporation; or, partner as defined in Florida Statutes Chapter 468, and the said person(s) is/are under my direct supervision and control and is/are authorized to purchase and sign permits; call for inspections and sign subcontractor verification forms on my behalf.

Printed Name of Person Authorized	Signature of Authorized Person
1. Robert Minnella	1.
2. Nancy S Phelps	2.
3.	3.
4.	4.
5.	5.

I, the license holder, realize that I am responsible for all permits purchased, and all work done under my license and fully responsible for compliance with all Florida Statutes, Codes, and Local Ordinances. I understand that the State and County Licensing Boards have the power and authority to discipline a license holder for violations committed by him/her, his/her agents, officers, or employees and that I have full responsibility for compliance with all statutes, codes and ordinances inherent in the privilege granted by issuance of such permits.

If at any time the person(s) you have authorized is/are no longer agents, employee(s), or officer(s), you must notify this department in writing of the changes and submit a new letter of authorization form, which will supersede all previous lists. Failure to do so may allow unauthorized persons to use your name and/or license number to obtain permits.

Glenn Whittington — Licensed Qualifiers Signature (Notarized)
EC13002957 — License Number
11-2-15 — Date

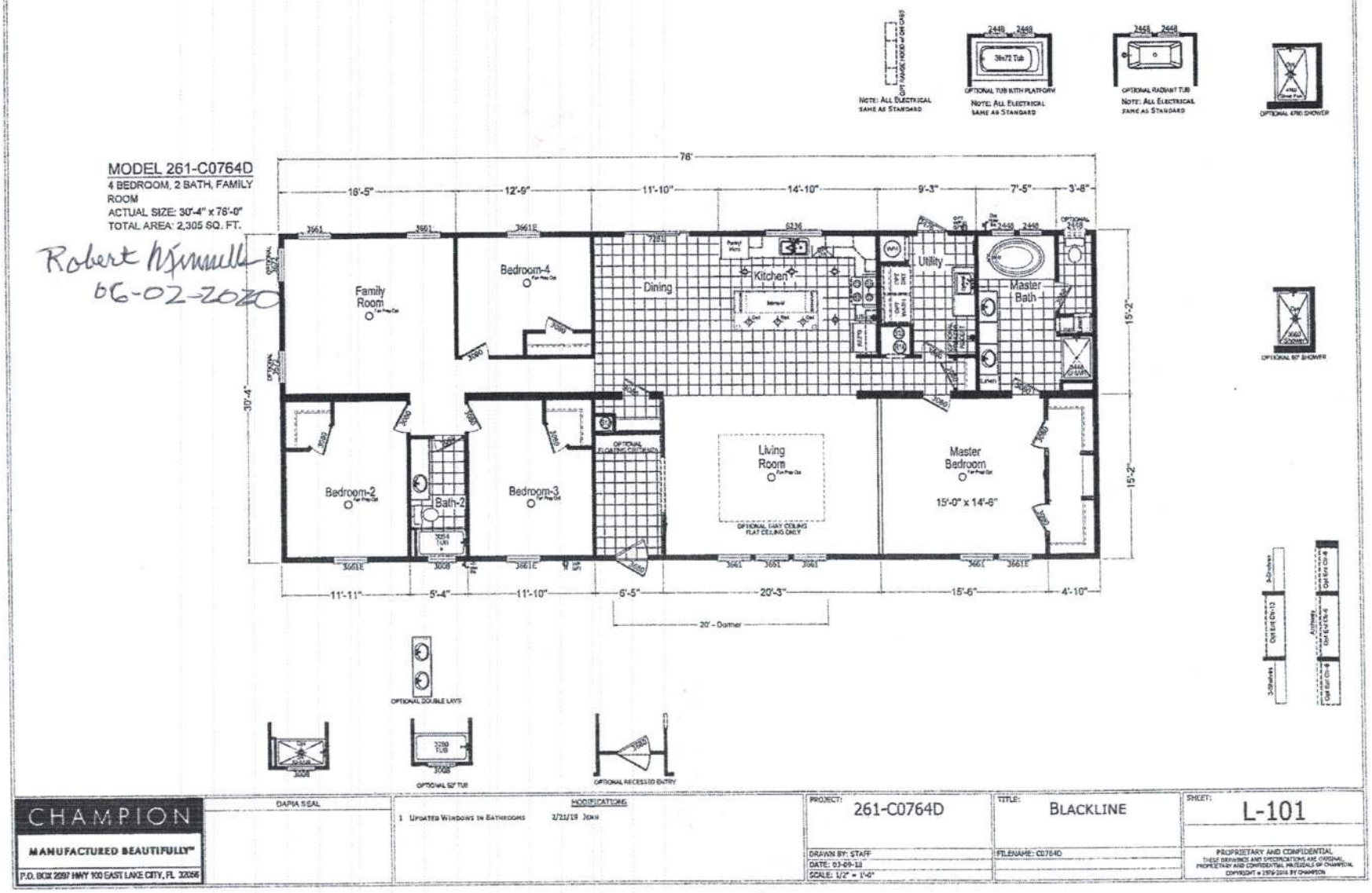
NOTARY INFORMATION:
STATE OF: Florida COUNTY OF: Putnam

The above license holder, whose name is Glenn Whittington, personally appeared before me and is known by me or has produced identification (type of I.D.) _____ on this 2nd day of November, 2015.

Angela Wilkinson
NOTARY'S SIGNATURE

(Seal/Stamp)

ANGELA WILKINSON
Notary Public - State of Florida
Commission # FF 210662
My Comm. Expires May 3, 2019



CHAMPION MANUFACTURED BEAUTIFULLY™ P.O. BOX 2097 HWY 100 EAST LAKE CITY, FL 32056	DAPIA SEAL	MODIFICATIONS 1 UPDATED WINDOWS IN BATHROOMS 2/21/19 JOHN	PROJECT: 261-C0764D DRAWN BY: STAFF DATE: 03-09-18 SCALE: 1/2" = 1'-0"	TITLE: BLACKLINE FILENAME: C0764D	SHEET: L-101

PERMIT WORKSHEET

PERMIT NUMBER _____

Installer Ernest S. Johnson License # IH-1025249

Address of home being installed 678 SW Barney St. High Springs, FL. 32643

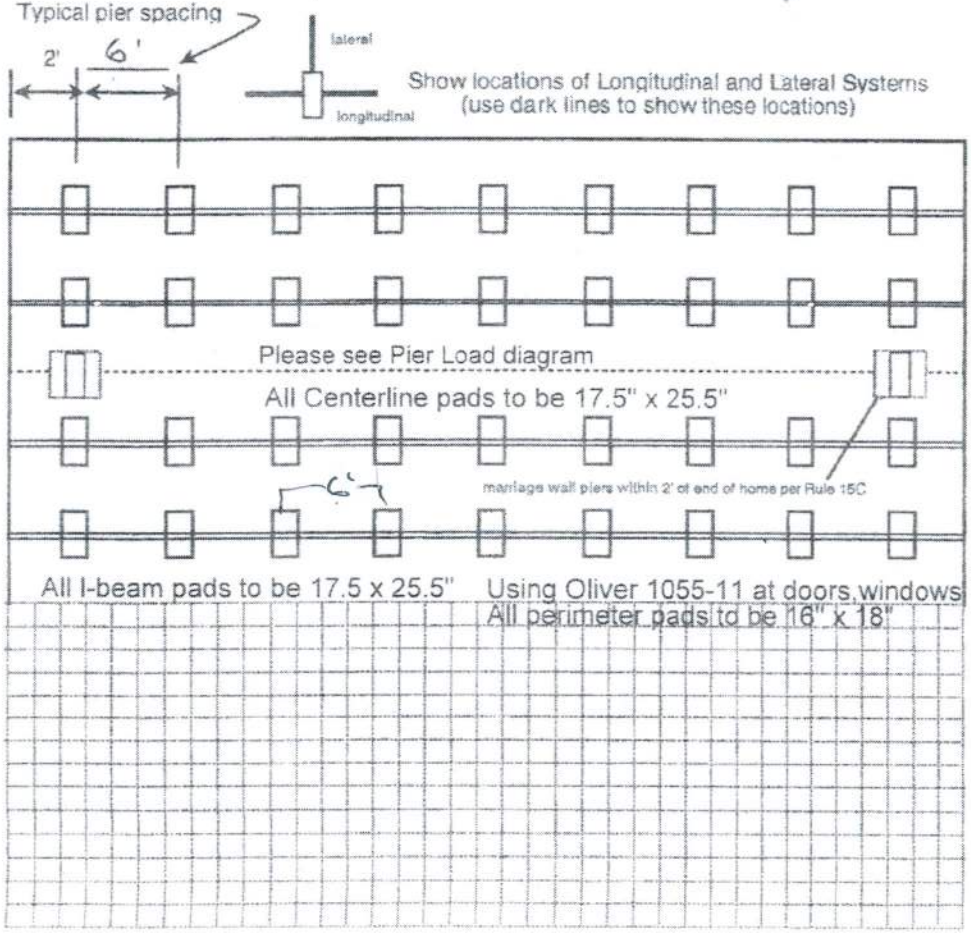
Manufacturer Champion Homes Length x width 32' x 76'

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 Eg

Typical pier spacing



New Home [X] Used Home [ ]

Home installed to the Manufacturer's Installation Manual [X]

Home is installed in accordance with Rule 15-C [ ]

Single wide [ ] Wind Zone II [X] Wind Zone III [ ]

Double wide [X] Installation Decal # T1902

Triple/Quad [ ] Serial # 10345 A+B

Roof System: X **Typical** _____ **Hinged**

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'
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 and centerline 17.5" x 25.5"

Perimeter pier pad size 16" x 18"

Other pier pad sizes (required by the mfg.) no

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
Please see Pier Load Daigram	

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 X 5 ft X

FRAME TIES

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

TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD)
Manufacturer _____

Longitudinal Stabilizing Device w/ Lateral Arms
Manufacturer Oliver Technologies

OTHER TIES

	Number
Sidewall	28
Longitudinal	6
Marriage wall	2
Shearwall	2

PERMIT NUMBER _____ PERMIT WORKSHEET

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 ___

Assume 1000 Lb.

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 279 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.

Assume 1000 Lb.

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.

Eaf Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name Ernest S. Johnson

Date Tested _____

Electrical

Connect electrical conductors between multi-wide units, but not to the main power source. This includes the bonding wire between mult-wide units. Pg. 51-54

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 55

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 54

Site Preparation

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

Fastening multi wide units

Floor:	Type Fastener: Lag	Length: 5"	Spacing: 2'
Walls:	Type Fastener: Lag	Length: 5"	Spacing: 2'
Roof:	Type Fastener: Lag	Length: 5"	Spacing: 2'

For used homes a min. 30 gauge, 8" wide, galvanized metal strip will be centered over the peak of the roof and fastened with 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, meldew 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 Eaf

Type gasket Factory Foam
Pg. 36

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

Weatherproofing

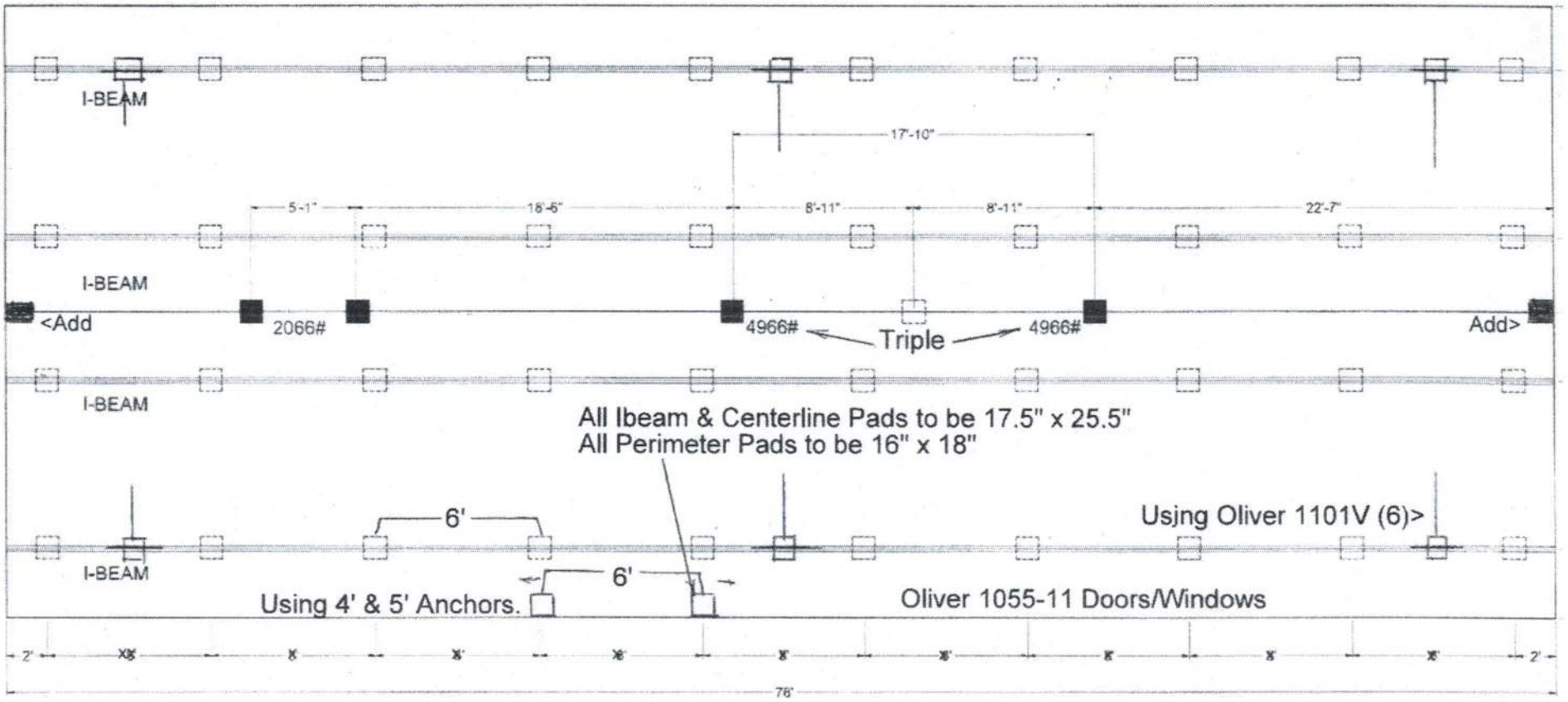
The bottomboard will be repaired and/or taped. Yes _____ Pg. 89
Siding on units is installed to manufacturer's specifications. Yes _____
Fireplace chimney installed so as not to allow intrusion of rain water. Yes X

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 Ernest S Johnson Date 06-03-2020



COLUMN BLOCKING
SEE SOIL BEARING CAPACITY CHARTS FOR PAD SIZE

BLOCKING

1) ALL EXTERIOR DOORS, BAY WINDOWS, RECESSED SIDEWALLS AND EXTERIOR WALL OPENINGS 48" OR GREATER, WILL REQUIRE BLOCKING ON EACH SIDE.

CHAMPION
MANUFACTURED BEAUTIFULLY™
P.O. BOX 7087 HWY 100 EAST LAKE CITY, FL. 32056

DAPIA SEAL

MODIFICATIONS

PROJECT: 261-C0764D

TITLE: PIER FOUNDATION PLAN

SHEET: F-10

DRAWN BY: STAFF
DATE: 12-16-17
SCALE: 1/2" = 1'-0"

FILENAME: C0764D

TABLE 5A. LOAD ON POINT-LOAD FOOTINGS — lbs. (FRAME AND PERIMETER WITH MARRIAGE LINE SUPPORTS)

		Roof Live Load and Nominal Section Width															
		20 PSF Live Load								30 PSF Live Load							
		12 Wide		14 Wide		16 Wide		18 Wide		12 Wide		14 Wide		16 Wide		18 Wide	
Location*		M	P	M	P	M	P	M	P	M	P	M	P	M	P	M	P
Span in feet	4	2340	1410	2670	1580	3040	1700	3500	1930	3040	1840	3470	2060	3950	2220	4550	2520
	8	3040	1840	3470	2060	3950	2220	4550	2520	3970	2410	4540	2700	5160	2900	5950	3300
	12	3740	2270	4270	2540	4860	2730	5600	3100	4900	2990	5600	3340	6370	3590	7350	4080
	16	4440	2700	5070	3020	5770	3250	6650	3690	5840	3560	6670	3980	7590	4280	8750	4860
	20	5140	3130	5870	3500	6680	3760	7700	4270	6770	4130	7740	4620	8800	4960	10150	5640
	24	5840	-	6670	-	7590	-	8750	-	7700	-	8800	-	10010	-	11550	-
	28	6540	-	7470	-	8500	-	9800	-	8640	-	9870	-	11230	-	12950	-
	32	7240	-	8270	-	9410	-	10850	-	9570	-	10940	-	12440	-	14350	-

		Roof load and maximum section width															
		40 PSF Live Load								60 PSF Live Load							
		12 Wide		14 Wide		16 Wide		18 Wide		12 Wide		14 Wide		16 Wide		18 Wide	
Location*		M	P	M	P	M	P	M	P	M	P	M	P	M	P	M	P
Span in feet	4	3740	2270	4270	2540	4860	2730	4640	3100	4260	3130	4870	3500	5540	3760	-	-
	8	4900	2990	5600	3340	6370	3590	6390	4080	5900	4130	6740	4620	7660	4960	-	-
	12	6070	3700	6940	4140	7890	4450	8140	5050	7530	5140	8600	5740	9790	6160	-	-
	16	7240	4420	8270	4940	9410	5310	9890	6030	9160	6140	10470	6860	11910	7370	-	-
	20	8400	5140	9600	5740	10920	6160	11640	7000	10800	7140	12340	7980	14030	-	-	-
	24	9570	-	10940	-	12440	-	13390	-	12430	-	14200	-	-	-	-	-
	28	10740	-	12270	-	13960	-	15140	-	14060	-	-	-	-	-	-	-
	32	11900	-	13600	-	15470	-	-	-	15700	-	-	-	-	-	-	-

		Roof load and maximum section width															
		80 PSF Live Load						100 PSF Live Load				120 PSF Live Load					
		12 Wide		14 Wide		16 Wide		12 Wide		14 Wide		12 Wide		14 Wide			
Location*		M	P	M	P	M	P	M	P	M	P	M	P	M	P		
Span in feet	4	5430	3990	4940	4460	5620	3980	5250	4030	6000	4500	6190	4750	7070	4230		
	8	7530	5280	7340	5900	8350	5530	7820	5610	8940	6260	9220	6610	10540	6310		
	12	9630	6570	9740	7340	11080	7070	10390	7190	11870	8020	12250	-	14000	-		
	16	11730	7860	12140	-	13810	-	12950	-	14800	-	15290	-	-	-		
	20	13830	-	14540	-	-	-	15520	-	-	-	-	-	-	-		
	24	15930	-	-	-	-	-	-	-	-	-	-	-	-	-		
	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

*M = Marriage Line, P = Perimeter/Side Wall

(For piers supporting one floor at marriage line, use ½ the above loads)

Determine from the data plate and/or other documents if the home requires perimeter blocking.

- If perimeter blocking is NOT required, go to **STEP 2, DESIGN FRAME SUPPORTS** (Homes Without Perimeter Blocking), (p. 19).
- If perimeter blocking is required, go to **STEP 3, DESIGN FRAME AND PERIMETER SUPPORTS** (Homes With Perimeter Blocking), (p. 20).

June 1, 2015

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

FRED O. DICKINSON, III
Executive Director

October 27, 1999

Mr. Lon Larson, General Manager
Manufactured Housing Foundation Systems
A Division of Oliver Technologies
562 Gleuheather Drive
San Marcos, California 92069

Dear Mr. Larson:

We wish to acknowledge receipt of your print specifications and test results certifying your Adjustable Outrigger listed below complies with the Federal Manufactured Construction and Safety Standards, § 3280.305 and § 3280.401 and with the rules and regulations set forth by the Department of Highway Safety and Motor Vehicles, Florida Administrative Rule Code 15C-1.01105.

Based on the information submitted to the bureau, the following product is listed for use in Florida when the installation instructions showing the way the outrigger was tested, are provided.

MODEL #	INDENTIFICATION	DESCRIPTION
1055-11	Adjustable Outrigger	Bracket, Pipe, & Screw Adjustment

NOTE: The outrigger was tested on September 19, 1999, for an allowable load of 1700 pounds.

If you have any questions, please advise at (850) 413-7600.

Sincerely,

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

PB:bsc

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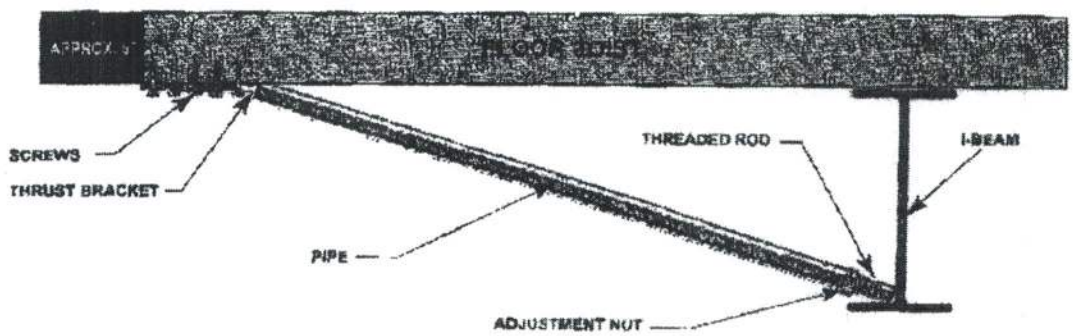
OLIVER TECHNOLOGIES, INC.

Adjustable Outrigger Installation Instructions

MODEL # 1055-11

1. Locate the floor joist that requires support.
2. Mark the I-Beam directly under the floor joist to align the outrigger.
3. Adjust the nut on the threaded rod so it clears the frame flange for easy adjustment.
4. Set the threaded rod in the pipe and against the frame.
5. Set the notched end of the thrust bracket into the end of the pipe and secure it with 5 # 12 x 2" screws to the floor joist. The thrust bracket should be approximately 6" from the outside rim joist.
6. Bottom board and insulation should be between the bracket and the joist.
7. For minor adjustments align the door and window openings by tightening or loosening the adjustment nut. For all other adjustments use a hydraulic jack to raise the floor joist before installation of the outrigger.



NOTES:

*REMOVE OUTRIGGER WHEN HOME IS BEING TRANSPORTED
*SPECIFY WIDTH OF HOME WHEN ORDERING OUTRIGGER. PIPE MAY BE CUT TO FIT
*THE ADJUSTABLE OUTRIGGERS SHALL ONLY BE USED ON HOMES FOR OPENINGS UP TO:
5' ON 20 LB ROOF LOAD
4' ON 30 LB ROOF LOAD
3' ON 40 LB ROOF LOAD
*WHEN ADJUSTABLE OUTRIGGERS ARE USED FOR DOOR AND WINDOW SUPPORTS, THEY MUST BE INSTALLED ON THE CLOSEST FLOOR JOIST UP TO 16" FROM THE OUTSIDE EDGE OF THE OPENING
*DO NOT INSTALL ADJUSTABLE OUTRIGGER AT LOCATIONS WHERE THE HOME MANUFACTURER INDICATES A LOAD IN EXCESS OF 1,700 LBS.
*THE ADJUSTABLE OUTRIGGER MUST BE USED ON A MINIMUM 10" I-BEAM AND BE PLACED WITHIN 4' OF A MAIN FRAME SUPPORT PIER OR FRAME CROSSMEMBER

Listing # 1055-11
Patent # 6,334,279

Revised 1/1/11

A SAFER
FLORIDA
HIGHWAY SAFETY AND MOTOR VEHICLES

Terry L. Rhodes
Executive Director

2900 Apalachee Parkway
Tallahassee, Florida 32399-0500
www.flhsmv.gov

MEMORANDUM

TO: All Steel Telescoping Lateral Arm Manufacturers

FROM: Wayne Jordan, Operations Services Manager, Manufactured Housing Section
Florida Department of High Safety and Motor Vehicles

DATE: August 6, 2018

SUBJECT: Elimination of Requirement for Supplemental Frame Ties and Stabilizer Plates at All Steel Telescoping Lateral Arm Locations

The Department has reviewed some concerns expressed by several of the steel telescoping lateral arm manufacturers regarding the Department's requirement to install supplemental frame ties and stabilizer plates on the steel telescoping lateral arm systems.

In an abundance of caution, the Department required supplemental frame ties /stabilizer plates at each lateral arm location in June of 2002. After researching data from storm reports, the Department has found no evidence of the need for these supplemental frame ties/stabilizer plates. With this information in mind, the Department will discontinue the requirement for the supplemental frame ties/stabilizer plates at each lateral arm location.

Manufacturers who wish to change their installation instructions to remove this requirement, must resubmit their last engineering report showing the whole house test without the use of supplemental frame ties/stabilizer plates. Upon receipt and review of the engineering report, the Department will remove the requirement for supplemental frame ties/stabilizer plates. Each manufacturer will be notified within two weeks of receipt of the engineering report. These reports must be sent to my attention at **5701 East Hillsborough Ave, Suite 2228, Tampa, Florida 33610.**

If the need arises in the future, the Department may impose additional requirements to the steel telescoping lateral arm systems with a change to Florida Administrative Code Rule 15C-1.

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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.

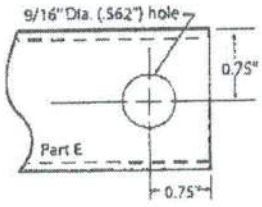
INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM (Model 1101 L "V")

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

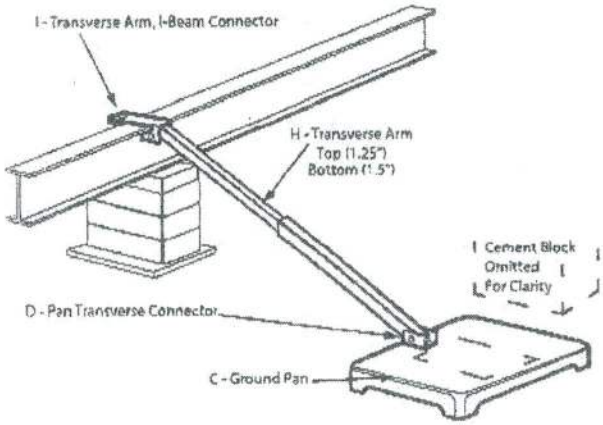
5. Install (2) of the 1.50" square tubes (E) into the "U" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
6. Place I-beam connector (F) loosely on the bottom flange of the I-beam.
7. (For Diagram A installation) Slide the selected 1.25" tube (E) into a 1.50" tube (E) and attach 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")

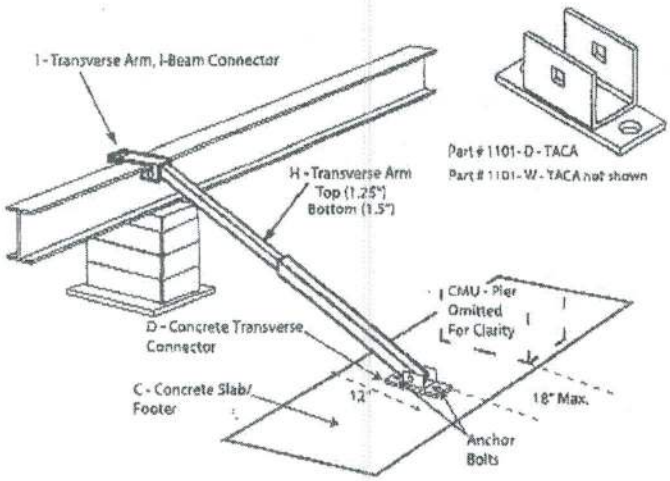
THE MODEL 1101 "V" (LONGITUDINAL & LATERAL PROTECTION) ELIMINATES THE NEED FOR STABILIZER PLATES & FRAME TIES.
NOTE: THE USE OF THIS SYSTEM REQUIRES VERTICAL TIES SPACED AT 5'4".
FOUR FOOT (4') GROUND ANCHOR MAY BE USED EXCEPT WHERE THE HOME MANUFACTURER SPECIFIES DIFFERENT.

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.

Revision 08/23/18



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)

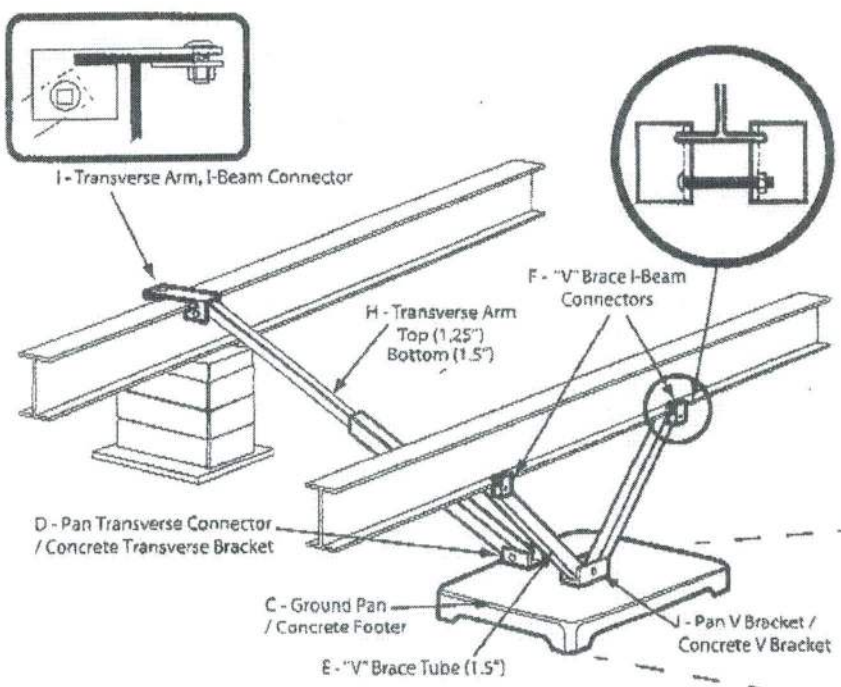
E = TELESCOPING V BRACE TUBE ASSEMBLY (1.5" TUBE BOTTOM AND 1.25" TUBE INSERT) OR 1.5" TUBE

F = "V" BRACE I-BEAM CONNECTOR ASSEMBLY

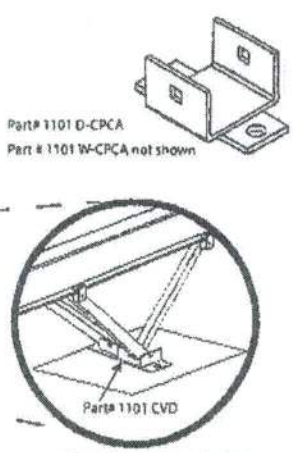
H = TELESCOPING TRANSVERSE ARM ASSEMBLY

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"

PATENT# 6634150 & OTHER PATENT PENDING

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INSTALLATION USING CONCRETE RUNNER/ FOOTER

15. A concrete runner, footer or slab may be used in place of the steel ground pan.
    a) The concrete shall be minimum 2500 psi mix
    b) 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).
    c) Footers must have minimum surface area of 441 sq. in. (i.e. 21" square), and must be a minimum of 8" deep.
    d) 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")

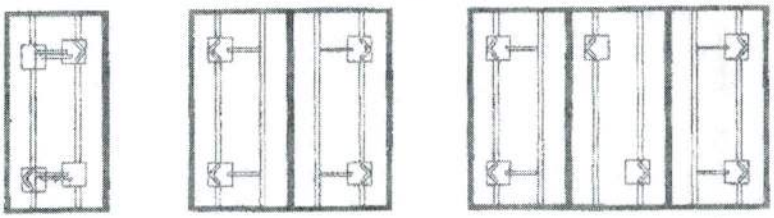
16. When using Part# 1101-W-CPCA (wetset) simply install the bracket in runner/footer **OR** When installing in cured concrete use Part# 101-D-CPCA (dryset). The 1101 (dryset) CA bracket is attached to the concrete using (2) 5/8"x3" concrete wedge bolts (Simpson part # 5162300H 5/8" X 3" or Powers equivalent). 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")

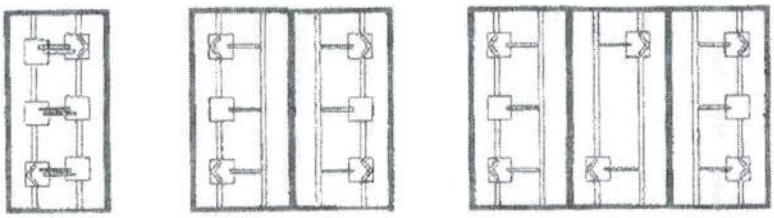
17. For wet set (part # 1101-W-TACA) installation simply install the anchor bolt into runner/footer. For dry set installation (part # 1101-D-TACA) mark bolt hole locations, then using a 5/8" diam. masonry bit, drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the hole. Place wedge bolts (Simpson part #5162300H 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