

This Permit Must Be Prominently Posted on Premises During Construction

APPLICANTJOANN SHIPP

PHONE965-8168

ADDRESS355NE LAVERNE STLAKE CITYFL32055

OWNERDAVID S.ADAMS,TRUSTEE

PHONE752-3485

ADDRESS4332SW CR 240LAKE CITYFL32024

CONTRACTORJOHN SHIPP

PHONE965-8168

LOCATION OF PROPERTY47-S TO C-240,TL TO 1/4 MILE DOWN ON R, BROWN DW

TYPE DEVELOPMENTMH,UTILITYESTIMATED COST OF CONSTRUCTION0.00

HEATED FLOOR AREATOTAL AREAHEIGHTSTORIES

FOUNDATIONWALLSROOF PITCHFLOOR

LAND USE & ZONINGAG-3MAX. HEIGHT35

Minimum Set Back Requirments:STREET-FRONT30.00REAR25.00SIDE25.00

NO. EX.D.U.1FLOOD ZONEXDEVELOPMENT PERMIT NO.

PARCEL ID12-5S-16-03589-008SUBDIVISION

LOTBLOCKPHASEUNIT0TOTAL ACRES104.00

IH0000334

Culvert Permit No.Culvert WaiverContractor's License NumberApplicant/Owner/Contractor

EXISTING07-0779-ECSSJHN

Driveway ConnectionSeptic Tank NumberLU & Zoning checked byApproved for IssuanceNew Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD

REPLACING EXISTING HOME

Check # or Cash8219

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Powerdate/app. byFoundationdate/app. byMonolithicdate/app. by

Under slab rough-in plumbingdate/app. bySlabdate/app. bySheathing/Nailingdate/app. by

Framingdate/app. byRough-in plumbing above slab and below wood floordate/app. by

Electrical rough-indate/app. byHeat & Air Ductdate/app. byPeri. beam (Lintel)date/app. by

Permanent powerdate/app. byC.O. Finaldate/app. byCulvertdate/app. by

M/H tie downs, blocking, electricity and plumbingdate/app. byPooldate/app. by

Reconnectiondate/app. byPump poledate/app. byUtility Poledate/app. by

M/H Poledate/app. byTravel Trailerdater/app. byRe-roofdate/app. by

BUILDING PERMIT FEE \$0.00CERTIFICATION FEE \$0.00SURCHARGE FEE \$0.00

MISC. FEES \$200.00ZONING CERT. FEE \$50.00FIRE FEE \$0.00WASTE FEE \$

FLOOD DEVELOPMENT FEE \$FLOOD ZONE FEE \$25.00CULVERT FEE \$TOTAL FEE275.00

INSPECTORS OFFICEZ. H. CLERKS OFFICEMSY

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

275.00 ok #8219

PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

For Office Use Only (Revised 9-22-06) Zoning Official af 11/5/07 Building Official HD 11-5-07
AP# 0710-66 Date Received 10/31/07 By JW Permit # 26769
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments Pre-ok
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 on file
☒ State Road Access ☐ Parent Parcel # _____ ☐ STUP-MH _____

Property ID # 12-55-16-03589-008 Subdivision _____

- New Mobile Home _____ Used Mobile Home ☒ Year 1988
- Applicant John/Joyann Shipp Phone # 386-965-8168
- Address 355 NE LAVERNE ST. L.C. 32055
- Name of Property Owner DAVID ADAMS-TRUSTEE Phone # 752-3485
- 911 Address 4332 SW C.R. 240 LAKE CITY 32024
- Circle the correct power company - FL Power & Light - Clay Electric
(Circle One) - Suwannee Valley Electric - Progress Energy
- Name of Owner of Mobile Home Stanley + Gwendolyn ADAMS Phone # 758-3229
Address 4622 SW CR 240 L.C. 32024
- Relationship to Property Owner SON
- Current Number of Dwellings on Property One
- Lot Size _____ Total Acreage 104.00
- Do you : Have Existing Drive or Private Drive or need Culvert Permit or Culvert Waiver (Circle one)
(Currently using) (Blue Road Sign) (Putting in a Culvert) (Not existing but do not need a Culvert)
- Is this Mobile Home Replacing an Existing Mobile Home YES (Replaces old) (pd)
- Driving Directions to the Property South Hw 47 Turn Left ON WATER Lite Rd. GO TO CR 240 TURN Left 1/4 mile ON Right, Brown D.W.
- Name of Licensed Dealer/Installer John Shipp Phone # 965-8168
- Installers Address 355 NE LAVERNE ST. L.C. 32055
- License Number TH0000334 Installation Decal # 290360

POCKET PENETROMETER TEST

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

X _____ X _____ X *SHAB*

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 *280* inch pounds or check here if you are declaring 5' anchors without testing. A test showing 275 inch pounds or less will require 5 foot anchors.

Note: A state approved lateral arm system is being used and 4 ft. anchors are allowed at the sidewall locations. I understand 5 ft anchors are required at all centerline the 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 _____

Date Tested *Sept 21*

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. *owner*

Plumbing

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

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

Site Preparation

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

Fastening multi wide units

Floor: Type Fastener: *601* Length: *6'* Spacing: *2'*
Walls: Type Fastener: *603* Length: *6'* Spacing: *2'*
Roof: Type Fastener: *603* Length: *6'* 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, 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 *J-S*

Type gasket *Ham* Installed: _____
Pg. _____ Between Floors Yes _____
Between Walls Yes _____
Bottom of ridgebeam Yes _____

Weatherproofing

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

Miscellaneous

Skirting to be installed. Yes _____ No _____
Dryer vent installed outside of skirting. Yes _____
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 *John Ship* Date *9/21/17*

PERMIT NUMBER

Installer John Shippe License # EH 0000334

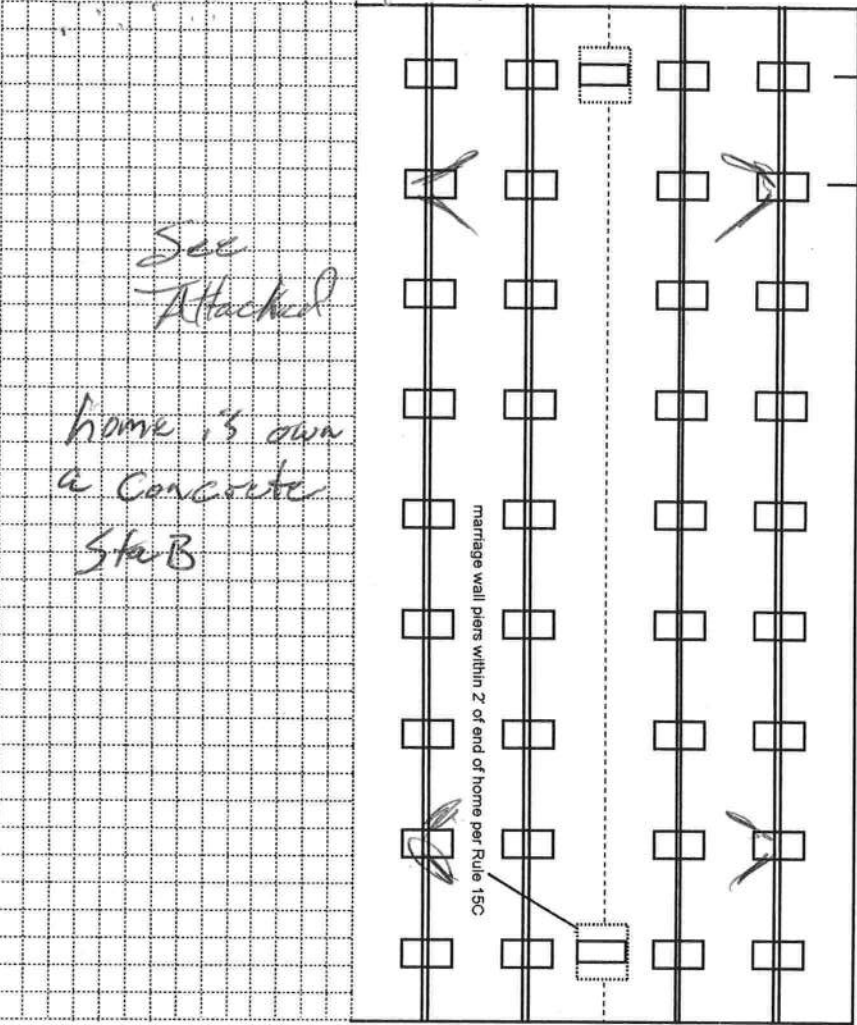
Address of home being installed 4622 S.W. 24th L.C. 32024

Manufacturer HOETON Length x width 27x56

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 _____



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 # 290360

Triple/Quad ☐ Serial # H219249 L+R

PIER SPACING TABLE FOR USED HOMES

Load bearing capacity (sq in)	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'	9'	10'	11'
2000 psf	6'	8'	9'	10'	11'	12'	13'
2500 psf	7' 6"	8'	9'	10'	11'	12'	13'
3000 psf	8'	8'	9'	10'	11'	12'	13'
3500 psf	8'	8'	9'	10'	11'	12'	13'

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

PIER PAD SIZES

POPULAR PAD SIZES

I-beam pier pad size	20x20
Perimeter pier pad size	1
Other pier pad sizes (required by the mfg.)	
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.	

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 26	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

FRAME TIES

TIEDOWN COMPONENTS

OTHER TIES

Longitudinal Stabilizing Device (LSD)

Manufacturer _____

Longitudinal Stabilizing Device w/ Lateral Arms

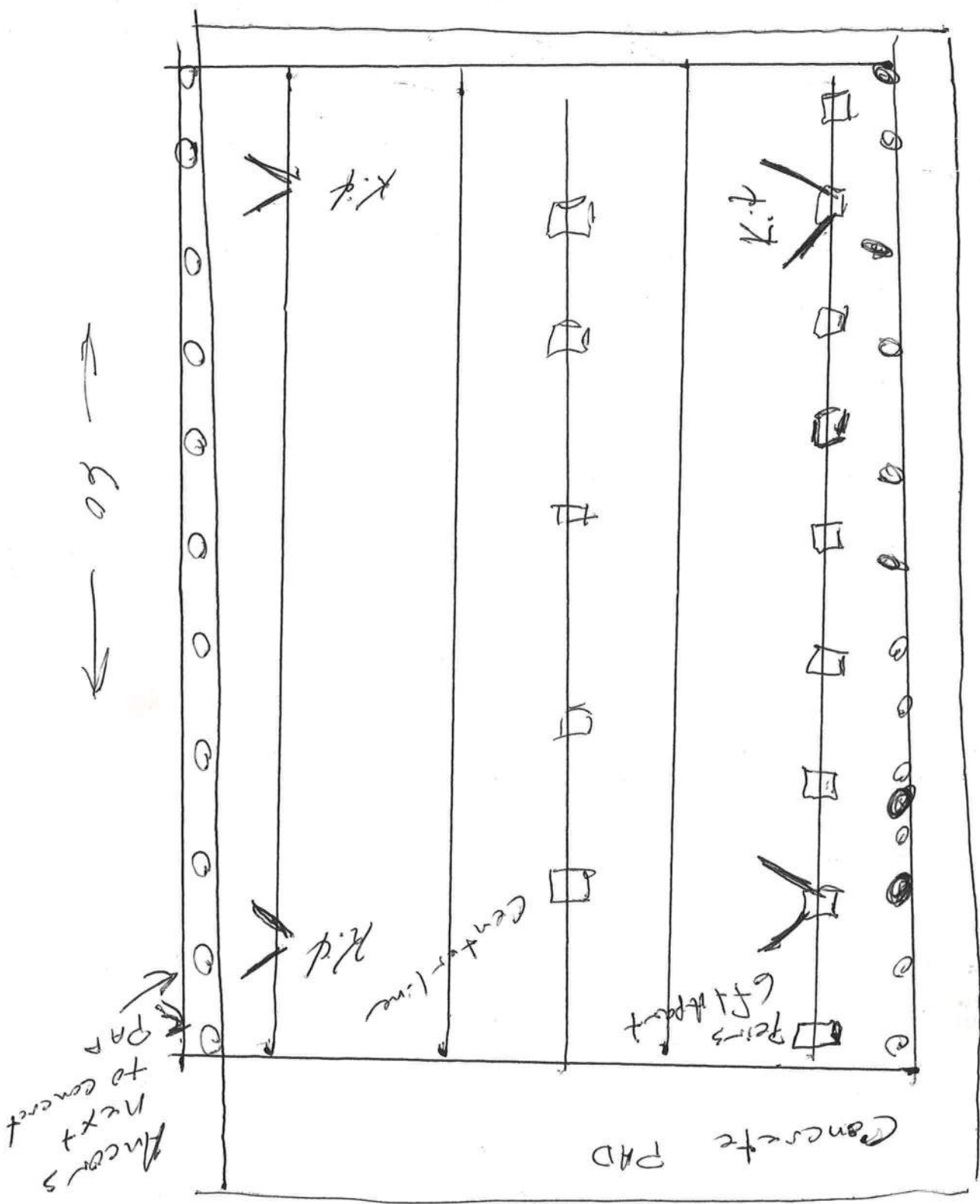
Manufacturer _____

Sidewall _____

Longitudinal Marriage wall _____

Shearwall _____

1/ Anchor
 pos side
 Cut Hole
 in concrete
 for Anchor
 Then concrete
 Around





OLIVER TECHNOLOGIES, INC.

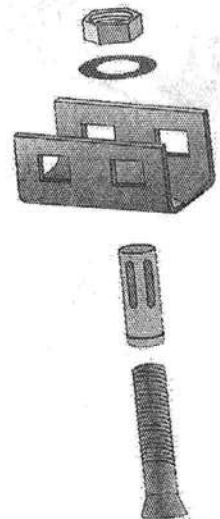
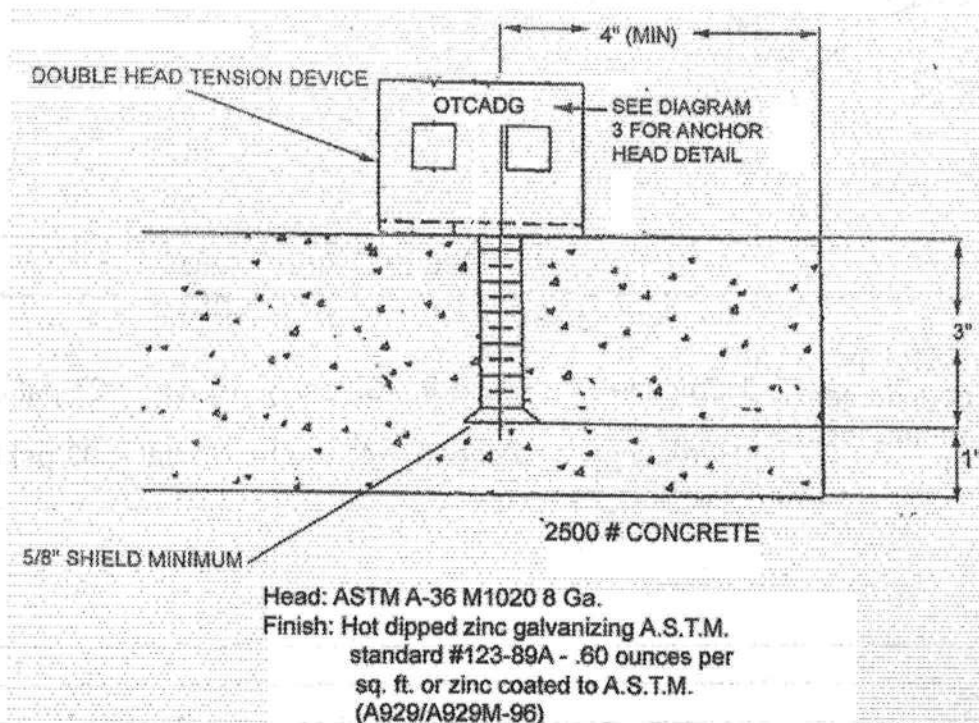
Concrete Dry Set Installation Instructions: Model # OTCADG



1. The concrete anchor must be a minimum of 4 inches from edge of the slab or runner.
2. Drill a $2\frac{1}{32}$ " ($\frac{5}{8}$ ") diam. hole 4 inches deep.
3. Remove all dust and debris from drilled hole
4. Place tension head on the slab or footing and install supplied $\frac{5}{8}$ " diameter sleeve anchor bolt.
Torque bolt per manufacturers instructions.



1. Maximum load per anchor= 4725 lb.
2. Minimum slab area per bolt
4" slab = 95 S.F.
6" slab = 65 S.F.
8" slab = 48 S.F.
3. Minimum 1.17 cu. yds. of concrete (footer)



467 Swan Ave.
P.O. Box 9
Hohenwald, TN 38462

Revised: 09/18/2006
olivertechnologies.com

Toll Free: 1-800-284-7437
Phone: 931-796-4555
Fax: 931-796-8811

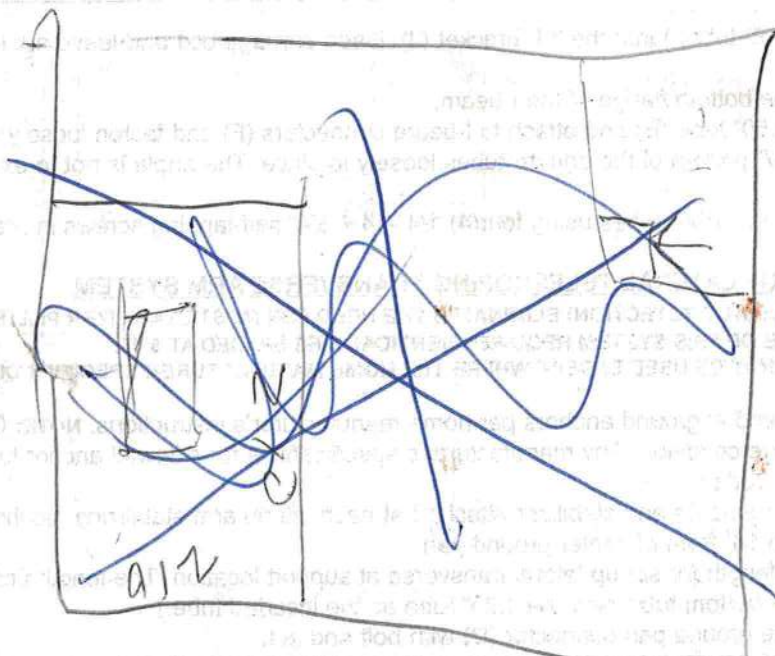
OLIVER TECHNOLOGIES, INC.
INSTALLATION INSTRUCTIONS FOR FLORIDA
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM
PAN & CONCRETE (revision 6/07)

PATENT # 6634150 & OTHER PATENT PENDING



JUN 26 2007

4 PAGES



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0174E

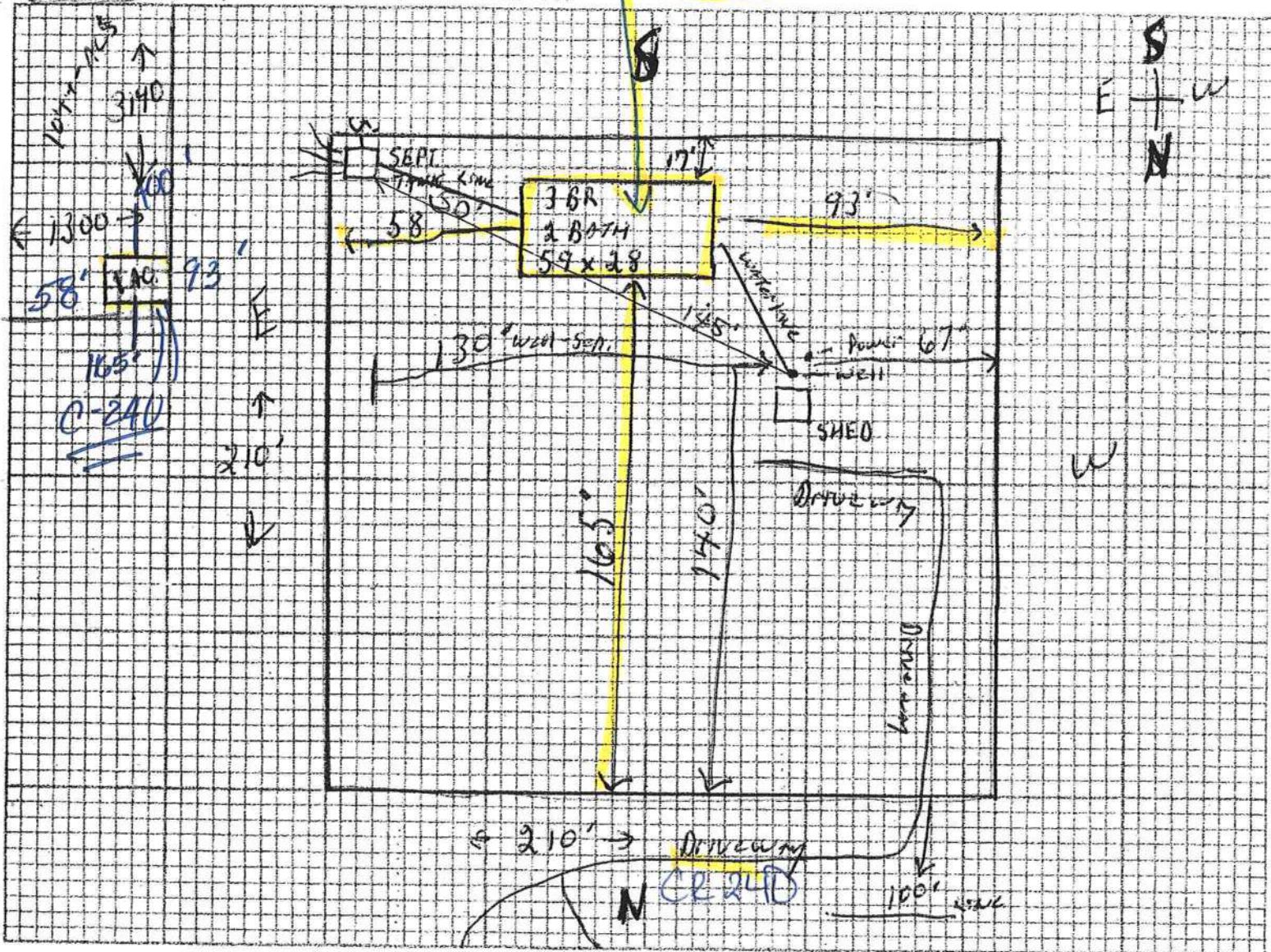
Site Plan 10.31.07

200

PART II - SITE PLAN

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

40071



Notes: _____

Site Plan submitted by: Andrew Adams
Signature

Plan Approved ✓ Not Approved _____

By Mr. S. L. County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

I David Adams give permission to Stanley and Gwendolyn Adams to move and live in a doublewide trailer on my property.

David Adams

David Adams

Notary:

Date: *9-28-2007*

Suzanne Davis



*C7S:-
BUC changed
10.31.07
in student's
10085*

THIS INSTRUMENT PREPARED BY:

James J. Taylor Jr.
Taylor & Taylor P. A., 0898 101630
420 South Lawrence Boulevard
Keystone Heights, Florida 32656

RECORD AND RETURN TO:

Taylor & Taylor P. A.
420 South Lawrence Boulevard
Keystone Heights, Florida 32656

RF PARCEL ID #: 03589-008
BUYER'S TIN:

FILED AND RECORDED IN PUBLIC
RECORDS OF COLUMBIA COUNTY, FL

00 MAR 10 PM 12:28

YMK

WARRANTY DEED

THIS WARRANTY DEED made this 3rd day of March, 2000 by David S. Adams, a single man, hereinafter called Grantor, and whose address is Route 9, Box 680, Lake City, Florida 32024 to David S. Adams, as trustee of the David S. Adams Living Trust dated March 3, 2000, a revocable living trust, with full power and authority either to protect, conserve and to sell, or to lease, or to encumber, or otherwise to manage and dispose of the real property described in this instrument, hereinafter called Grantee and whose address is Route 9, Box 680, Lake City, Florida 32024.

(Wherever 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 and NO/100 Dollars and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the Grantee, all that certain land situate, lying and being in Columbia County, Florida, viz:

See attached Exhibit A incorporated herein and by this reference made a part hereof.

This instrument prepared without benefit of title examination, title insurance or attorney's opinion of title.

Documentary Stamp .70
Intangible Tax 6
DeWitt Cason
Clerk of Court
YMK D.C.

SUBJECT TO taxes accruing subsequent to December 31, 1999.

SUBJECT TO covenants, restrictions and easements of record, if any; however, this reference thereto shall not operate to reimpose same.

TOGETHER with all the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple 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 the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances.

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

PK 0898 PG 1640

OFFICIAL RECORDS

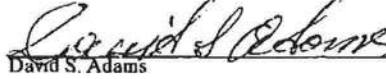
Signed, sealed and delivered in our presence:


Witness Signature

James J. Taylor Jr.
Witness Printed Signature


Witness Signature

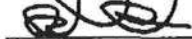
Mary A. Taylor
Witness Printed Signature


David S. Adams

STATE OF FLORIDA
COUNTY OF CLAY

The foregoing instrument was acknowledged before me this 3rd day of March, 2000 by David S. Adams. He is personally known to me.

Notary Public, State and County Aforesaid


Notary Signature

(Title or Rank)

Notary Printed Signature

(Serial No., if any)



James J. Taylor, Jr.
MY COMMISSION # CC779843 EXPIRES
October 1, 2002
BONDED THROUGH TROY FAIR INSURANCE, INC.

EX 0898 PG 1641

Exhibit A

OFFICIAL RECORDS

E $\frac{1}{2}$ of SW $\frac{1}{4}$; SE $\frac{1}{4}$ of NW $\frac{1}{4}$; SW $\frac{1}{4}$ of NE $\frac{1}{4}$, except one (1) acre in Northwest corner, and SW $\frac{1}{4}$ of NW $\frac{1}{4}$, Section 12, Township 5 South, Range 16 East, containing 199 acres, more or less, except SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 12, Township 5 South, Range 16 East, as lies South of Myrtis and Columbia City Road, and being 10 acres. Containing 189 acres, more or less.

Columbia County Property Appraiser

DB Last Updated: 10/22/2007

2007 Proposed Values

CFS: BUL changed 10-31-07
MH - REPLACES SFD STW

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 12-5S-16-03589-008 HX

Owner & Property Info

Search Result: 1 of 1

Owner's Name	ADAMS DAVID S TRUSTEE		
Site Address	CR 240		
Mailing Address	4532 SW COUNTY ROAD 240 LAKE CITY, FL 32024		
Use Desc. (code)	IMPROVED A (005000)		
Neighborhood	12516.00	Tax District	3
UD Codes	MKTA01	Market Area	01
Total Land Area	104.630 ACRES		
Description	E1/2 OF SW1/4 & SE1/4 OF NW1/4 ALL LYING S OF CR-240 EX 1 AC DESC ORB 750-1423 & EX .37 AC DESC ORB 753-1023. DEE TO TRUST(LEGL UNCLEAR) 898-1639,		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$14,040.00
Ag Land Value	cnt: (1)	\$18,653.00
Building Value	cnt: (1)	\$106,487.00
XFOB Value	cnt: (2)	\$1,500.00
Total Appraised Value		\$140,680.00

Just Value	\$544,837.00
Class Value	\$140,680.00
Assessed Value	\$103,892.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$78,892.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1978	Common BRK (19)	2504	2586	\$106,487.00
Note: All S.F. calculations are based on <u>exterior</u> building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0020	BARN,FR	0	\$500.00	1.000	20 x 35 x 0	(.00)
0296	SHED METAL	0	\$1,000.00	4.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 AC	1.00/1.00/1.00/1.00	\$14,040.00	\$14,040.00
006200	PASTURE 3 (AG)	103.630 AC	1.00/1.00/1.00/1.00	\$180.00	\$18,653.00
009910	MKT.VAL.AG (MKT)	103.630 AC	1.00/1.00/1.00/1.00	\$0.00	\$422,810.00

U.S. DEPARTMENT OF JUSTICE

167 00 39.7 22.247 2

**CODE ENFORCEMENT
PRELIMINARY MOBILE HOME INSPECTION REPORT**

DATE RECEIVED 12/31 BY JW IS THE N/H ON THE PROPERTY WHERE THE PERMIT WILL BE ISSUED? Yes

NAME FANLEY + GUYEN ADAMS PHONE 965-8168 CELL 965-8168

ADDRESS

MOBILE HOME PARK _____ SUBDIVISION _____

DRIVING DIRECTIONS TO MOBILE HOME 17-2 TO WALTON LITTLE ROAD, TL TO C-240 TL
AND 1/4 MILE ON THE RIGHT. (BROWN HILL)

MOBILE HOME INSTALLER John May, Jr. PP PHONE _____ CELL 963-8168

MOBILE HOME INFORMATION

NAME HUTTON YEAR 1988 SIZE 27 x 56 COLOR BROWN

SERIAL NO. N71924 G1 LTR

WIND ZONE 2 Must be wind zone II or higher NO WIND ZONE : ALLOWED

INSPECTION STANDARDS

NTE 51CR

P= PASS F= FAILED

SMOKE DETECTOR () OPERATIONAL () MISSING

FLOORS () SOLID () WEAK () HOLES DAMAGED LOCATION

DOORS : () OPERABLE () DAMAGED

WALLS () SOLID () STRUCTURALLY UNSOUND

WINDOWS () OPERABLE () INOPERABLE

PLUMBING FIXTURES : ☒ OPERABLE ☐ INOPERABLE ☐ MISSING

CEILING () SOLID () HOLES () LEAKS APPARENT

ELECTRICAL (FIXTURES/OUTLETS) () OPERABLE () EXPOSED WIRING () OUTLET COVERS MISSING () LIGHT
FIXTURES MISSING

254

WALLS / SIDING () LOOSE SIDING () STRUCTURALLY UNSOUND : () NOT WEATHERTIGHT () NEEDS CLEANING

WINDOWS ; CRACKED; BROKEN GLASS () SCREENS MISSING () WEATHERTIGHT

ROOF () APPEARS SOLID () DAMAGED

4415

APPROVED ☒ WITH CONDITIONS

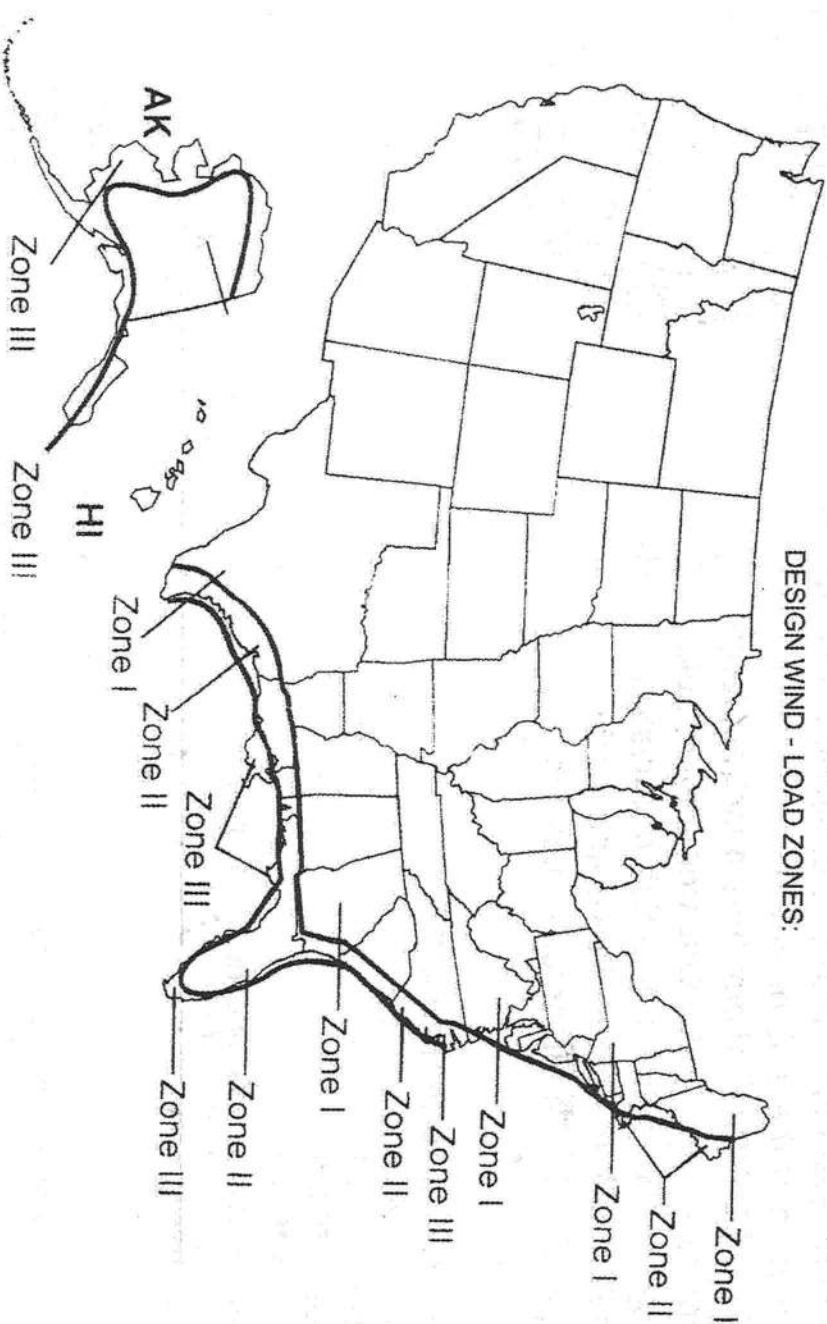
101 APPROVED _____ NEED RE-INSPECTION FOR FOLLOWING CONDITIONS _____

SIGNATURE W. J. Kline ID NUMBER 403 DATE 11-5-07





Wind Zone Map



**Note: psf :
pounds per
square foot**

Design Wind Loads		
Standard wind	Zone I 15 psf horizontal	9 psf uplift*
Hurricane	Zone II +39 psf horizontal	27 psf uplift
Hurricane	Zone III +47 psf horizontal	32 psf uplift

Notes:

04/26/2007 14:23 4074457410

DMV NM INSTALLER

Page 01/03

State of Florida
DEPARTMENT OF
HIGHWAY SAFETY AND MOTOR VEHICLES



ELECTRA THEODORIDES-HUSTLE
Executive Director

April 26, 2007

Mr. John Lower
Oliver Technologies, Inc.
P.O. Box 9
Hohenwald, Tennessee 38462

Dear Mr. Lower:

We wish to acknowledge receipt of your specifications and test results, certifying your anchor products listed below comply with the rules and regulations set by the Department of Highway Safety and Motor Vehicles, Chapter 15C-1.0103.

Based on the information submitted to this bureau, the following products are listed for sale and use in Florida when the installation instructions are provided.

<u>MODEL #</u>	<u>DESCRIPTION</u>
OTCADG	Dry Set Concrete Anchor
OTCAWG5	Wet Set Concrete Anchor

If you have any questions, please advise at (407) 445-7408

Sincerely

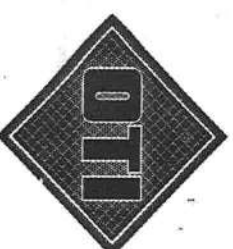
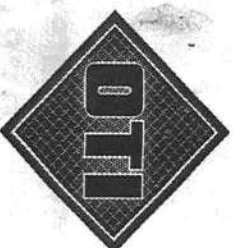
Phil Bergell, Program Manager
Bureau of Mobile Home and
Recreational Vehicle Construction
Division of Motor Vehicles

PB/cb

FLORIDA HIGHWAY PATROL • DRIVER LICENSES • MOTOR VEHICLES • ADMINISTRATIVE SERVICES
Ned Kierman Building, 2000 Apalachee Parkway Tallahassee, Florida 32309-0500
<http://www.fhp.state.fl.us>



OLIVER TECHNOLOGIES, INC.



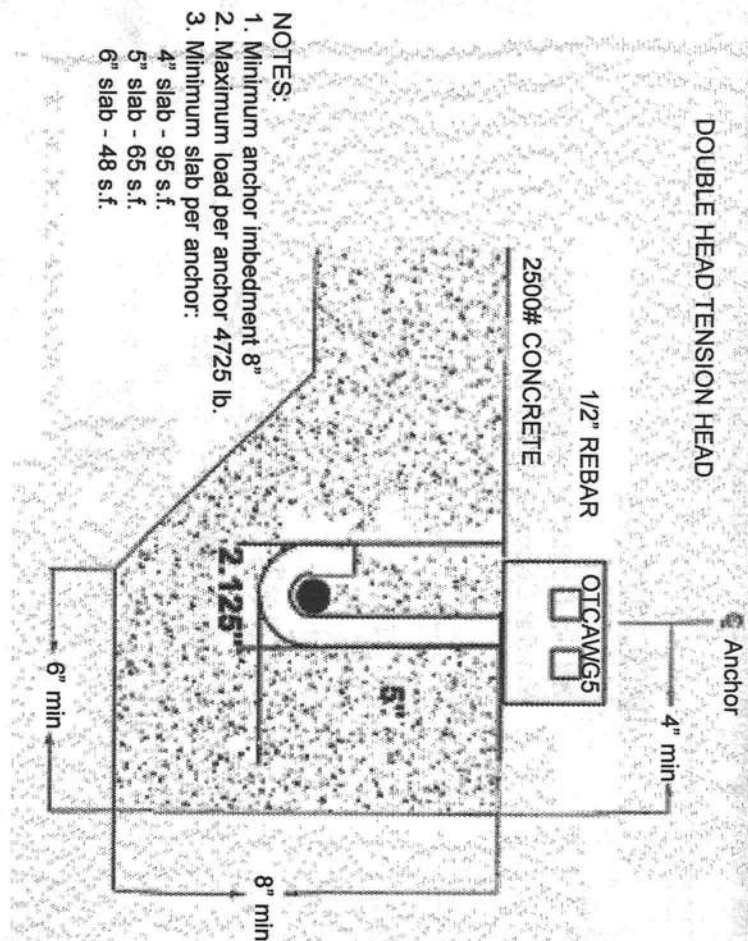
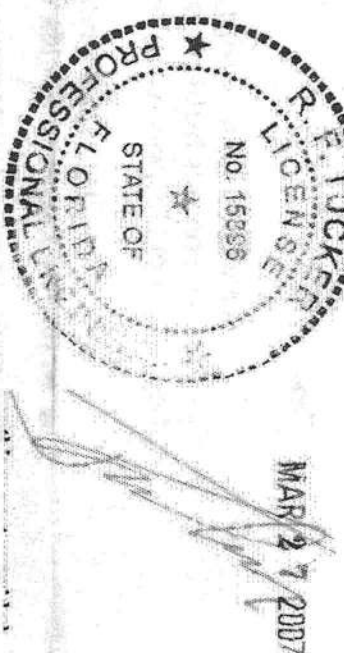
OLIVER TECHNOLOGIES, INC.
Concrete Dry Set Installation Instructions:
Model # OTCADG



INSTALLATION INSTRUCTIONS MODEL # OTCAWG5

1. Concrete slab must allow 4725 lbs. of vertical tension on an anchor without lifting.
2. Slab must be 8" minimum thickness at location under any anchor to allow 5" embedment of "J" rod.
3. Insert anchor into wet concrete so that the bottom of the anchor head is flush with concrete.

NOTE: The maximum allowable working load on a single tie (or the maximum allowable working resultant load of 2 ties), is 3150 lbs. at either 90 or 45 degrees from the slab surface in 2500 psi concrete with a minimum of 4" of edge distance and at least 5" of rod embedment.



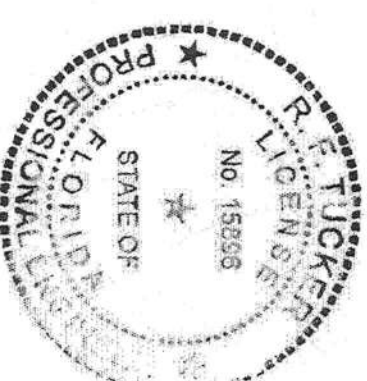
Notes:
1. Minimum anchor imbedment 8"
2. Maximum load per anchor 4725 lb.
3. Minimum slab per anchor:
4" slab - 95 s.f.
5" slab - 65 s.f.
6" slab - 48 s.f.
Rod - ASTM A-36 Mod 5/8" Diam
Head - ASTM A-36 M1020 7 Ga.
Finish - Hot dipped zinc galvanizing A.S.T.M.
standard #123-89A - .60 ounces per
sq. ft. or zinc coated to A.S.T.M.
(A929/A929M-96)

467 Swan Ave.
P.O. Box 9
Hohenwald, TN 38462

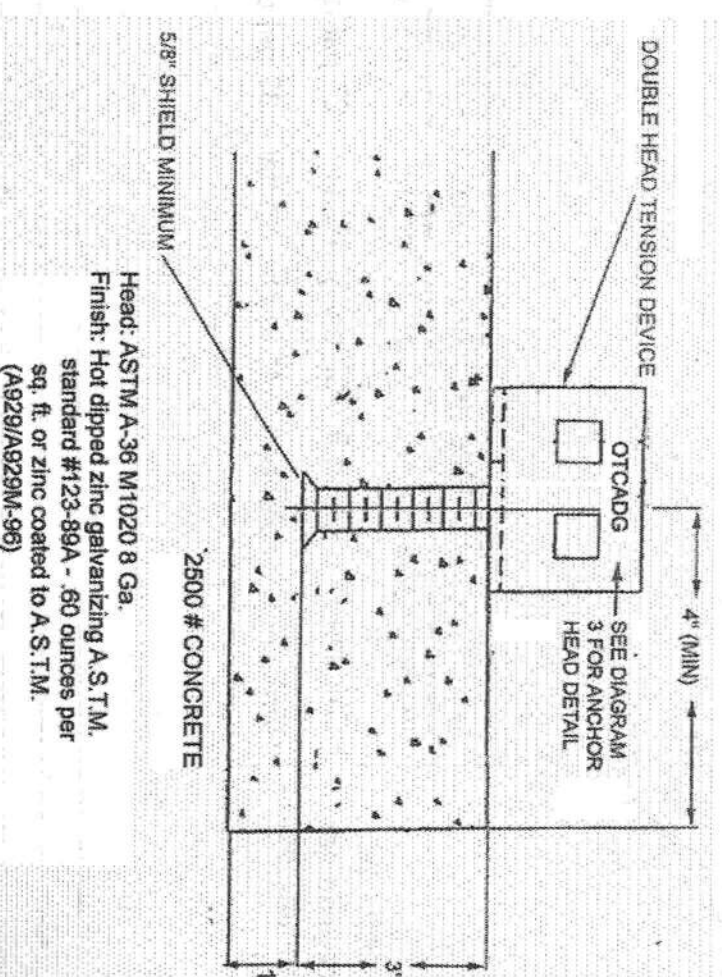
Revised: 09/18/2006
olivertechnologies.com

Toll Free: 1-800-284-7437
Phone: 931-796-4555
Fax: 931-796-8811

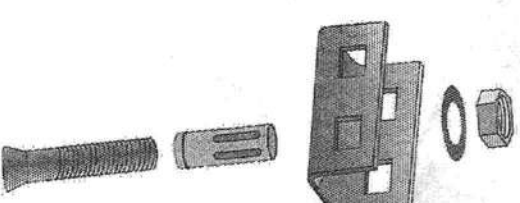
1. The concrete anchor must be a minimum of 4 inches from edge of the slab or runner.
2. Drill a 2 1/32" (5/8") diam. hole 4 inches deep.
3. Remove all dust and debris from drilled hole
4. Place tension head on the slab or footing and install supplied 5/8" diameter sleeve anchor bolt.
Torque bolt per manufacturers instructions.



1. Maximum load per anchor= 4725 lb.
2. Minimum slab area per bolt
4" slab = 95 S.F.
6" slab = 65 S.F.
8" slab = 48 S.F.
3. Minimum 1.17 cu. yds. of concrete (footer)



Head: ASTM A-36 M1020 8 Ga.
Finish: Hot dipped zinc galvanizing A.S.T.M.
standard #123-89A - .60 ounces per
sq. ft. or zinc coated to A.S.T.M.
(A929/A929M-96)



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ENGINEERS STAMP



1. SPECIAL CIRCUMSTANCES: If the following conditions occur - STOP! Contact Oliver Technologies at 1-800-284-7437.
- a) Pier height exceeds 48" b) Length of home exceeds 76' c) Roof eaves exceed 16" d) Sidewall height exceeds 96"
- e) Location is within 1500 feet of coast
- INSTALLATION OF GROUND PAN
2. Remove weeds and debris in an approximate two foot square to expose firm soil for each ground pan (C).
3. Place ground pan (C) directly below chassis I-beam . Press or drive pan firmly into soil until flush with or below soil.
- SPECIAL NOTE: The longitudinal "V" brace system serves as a pier under the home and should be loaded as any other pier. It is recommended that after leveling piers, and one-third inch (1/3") before home is lowered completely on to piers, complete steps 4 through 9 below then remove jacks.

INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM

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

4. Select the correct square tube brace (E) length for set - up (pier) height at support location. (The 18" tube is always used as the bottom part of the longitudinal arm). Note: Either tube can be used by itself, cut and drilled to length as long as a 40 to 45 degree angle is maintained.

PIER HEIGHT 1.25" ADJUSTABLE 1.50" ADJUSTABLE

(Approx. 45 degrees Max.) Tube Length Tube Length

7 3/4" to 25"	22"	18"
24 3/4" to 32 1/4"	32"	18"
33" to 41"	44"	18"
40" to 48"	54"	18"

5. Install (2) of the 1.50" square tubes (E {18" tube}) into the "U" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
6. Place I-beam connector (F) loosely on the bottom flange of the I-beam.
7. Slide the selected 1.25" tube (E) into a 1.50" tube (E) and attach to I-beam connectors (F) and fasten loosely with bolt and nut.
8. Repeat steps 6 through 7 to create the "V" pattern of the square tubes loosely in place. The angle is not to exceed 45 degree and not below 40 degrees.
9. After all bolts are tightened, secure 1.25" and 1.50" tubes using four(4) 1/4" - 14 x 3/4" self-tapping screws in pre-drilled holes.

INSTALLATION OF LATERAL TELESCOPING TRANSVERSE ARM SYSTEM

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

NOTE: THE USE OF THIS SYSTEM REQUIRES VERTICAL TIES SPACED AT 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. NOTE: Each system is required to have a frame tie and stabilizer attached at each lateral arm stabilizing location. This frame tie & stabilizer plate needs to be located within 18" from of center ground pan.
12. Select the correct square tube brace (H) length for set-up lateral transverse at support location. The lengths come in either 60" or 72" lengths. (With the 1.50" tube as the bottom tube, and the 1.25" tube as the inserted tube.)
13. Install the 1.50 transverse brace (H) to the ground pan connector (D) with bolt and nut.
14. Slide 1.25" transverse brace into the 1.50" brace and attach to adjacent I-beam connector (I) with bolt and nut.
15. Secure 1.50" transverse arm to 1.25" transverse arm using four (4) 1/4" - 14 x 3/4" self-tapping screws in pre-drilled holes.



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INSTALLATION USING CONCRETE RUNNER / FOOTER

16. A concrete runner, footer or slab may be used in place of the steel ground pan.
- 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 at system bracket location, all other specifications must be per local jurisdiction. Special inspection of the system bracket installation is not required. Footers must allow for at least 4" from the concrete bolt to the edge of the concrete.
- NOTE: The bottom of all footings, pads, slabs and runners must be per local jurisdiction.
- LONGITUDINAL: (Model 1101 LC "V")
17. When using Part # 1101-W-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")
18. For wet set (part # 1101-W-TACA) installation simply install the anchor bolt into runner/footer. For dry set installation (part # 1101-D-TACA) mark bolt hole locations, then using a 5/8" diam. masonry bit, drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the hole. Place wedge bolts (Simpson part #S162300H 5/8" X 3" or Powers equivalent) into (D) concrete dry transverse connector and into drilled hole. If needed, take a hammer and lightly drive the wedge bolts down by hitting the nut (making sure not to hit the top of threads on bolt), then remove the nut. The sleeve of concrete wedge bolt needs to be at or below the top of concrete.
19. When using part # 1101 CWW (wetset) or 1101 CVD (dryset), install per steps 17 & 18.

Notes:

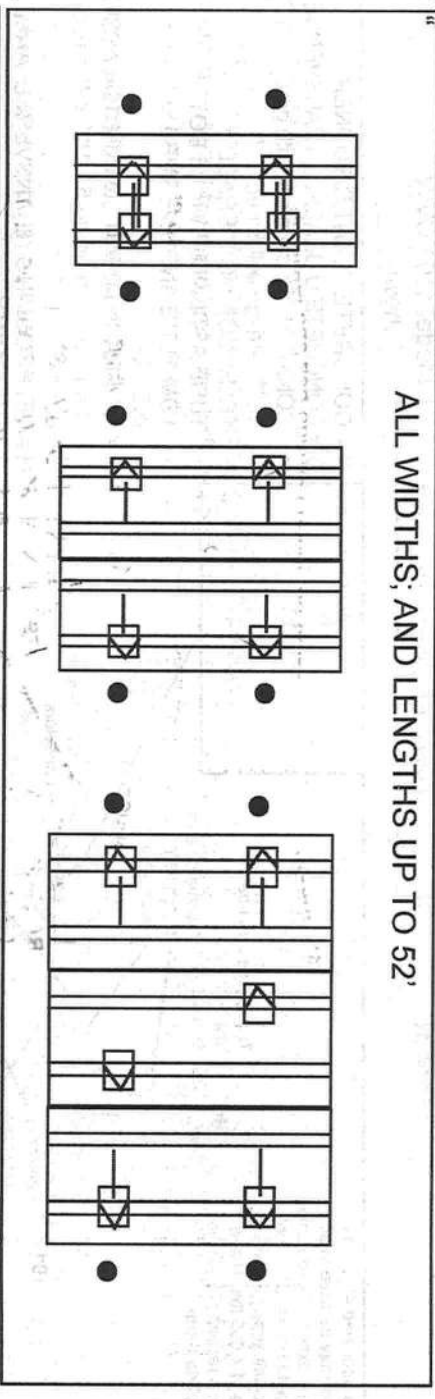
1. LENGTH OF HOUSE IS THE ACTUAL BOX SIZE
2. • = STABILIZER PLATE AND FRAME TIE LOCATION (needs to be located within 18 inches of center of ground pan or concrete)
3. □ = LOCATION OF LONGITUDINAL BRACING ONLY
4. □ = TRANSVERSE & LONGITUDINAL LOCATIONS



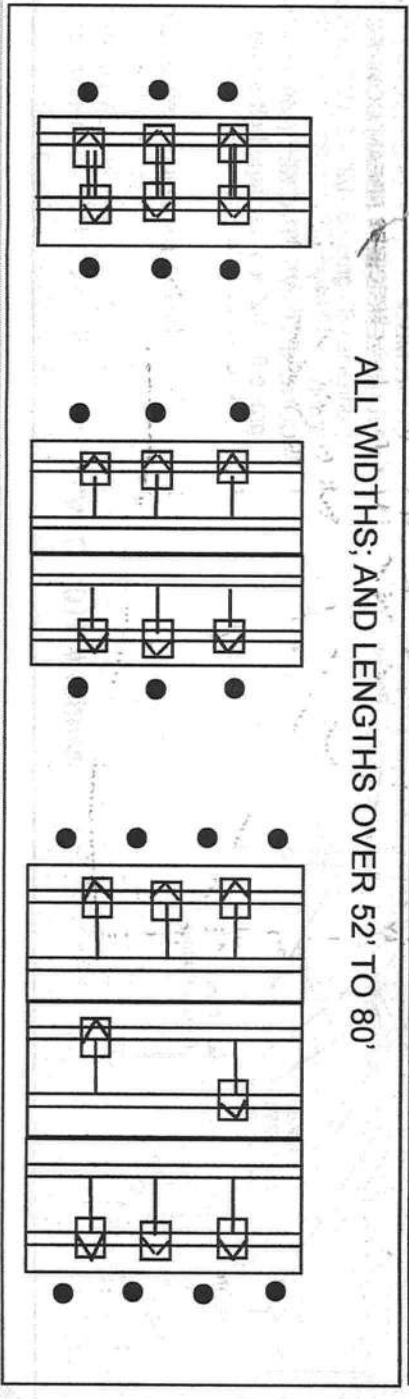
REQUIRED NUMBER AND LOCATION OF MODEL 1101 "V" OR 1101 C "V"

BRACES FOR UP TO 4/12 ROOF PITCH

ALL WIDTHS, AND LENGTHS UP TO 52'

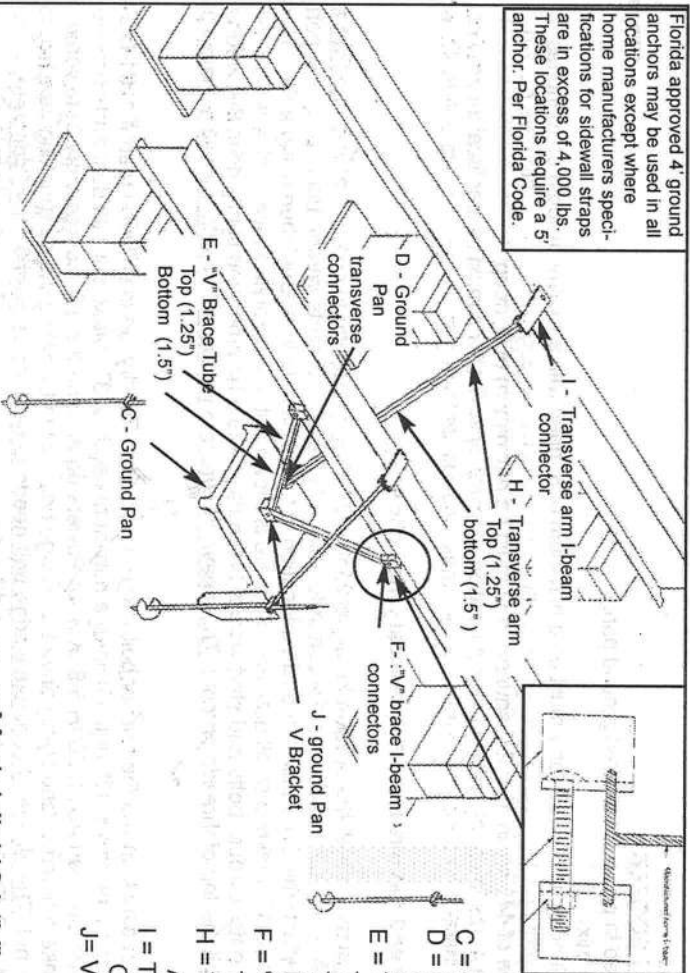


ALL WIDTHS, AND LENGTHS OVER 52' TO 80'



HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS
6 systems for home lengths up to 52' and 8 systems for homes over 52' and up to 80'. One stabilizer plate and frame tie required at each lateral bracing system.

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.



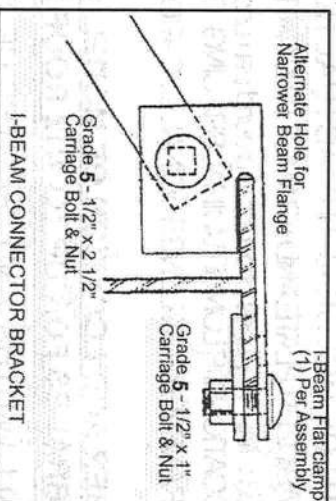
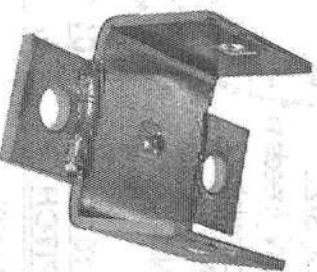
Model # 1101 "V"



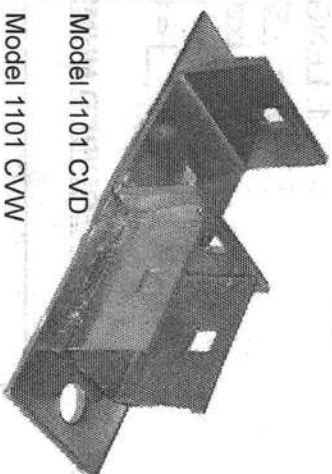
- C = GROUND PAN
- D = GROUND PAN CONNECTOR
- U BRACKETS TRANSVERSE
- E = TELESCOPING V BRACE
- TUBE ASSEMBLY W/ 1.5 BOT-TOM TUBE AND 1.25 TUBE INSERT
- F = "V" BRACE I-BEAM CONN-ECTORS ASSEMBLY
- H = TELESCOPING TRANSVERSE ARM ASSEMBLY
- I = TRANSVERSE ARM-I-BEAM CONNECTOR
- J = V PAN BRACKET

Longitude dry concrete bracket part # 1101 D-CPCA

Wet bracket part # 1101 W-CPCA not shown

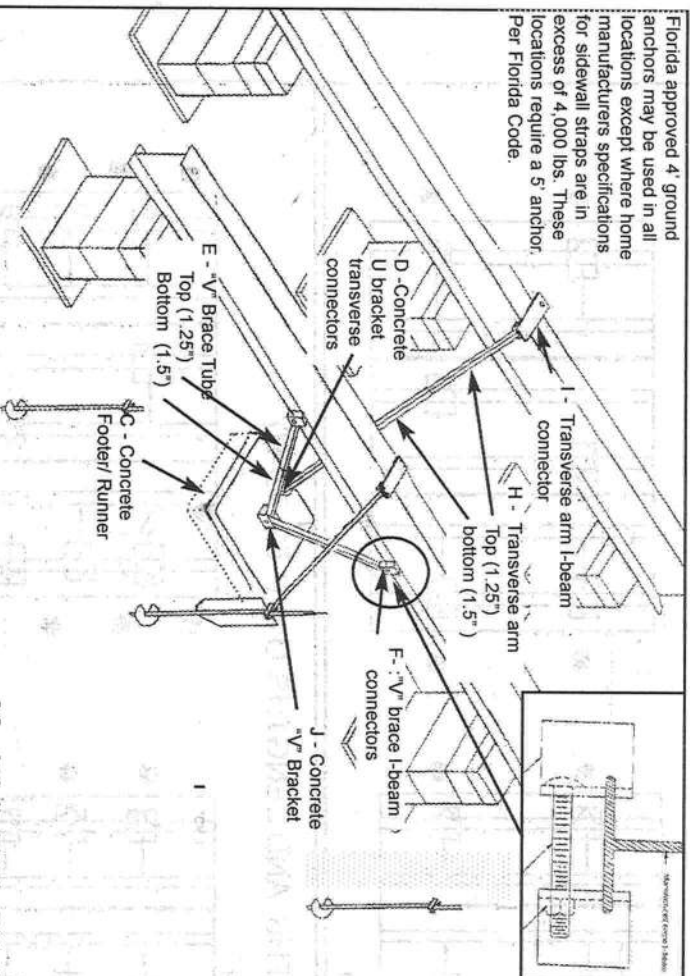


Model 1101 CVD



Model 1101 CVW not shown

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.



Model # 1101 C "V"

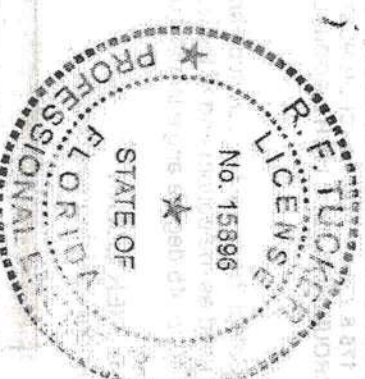
- C = CONCRETE FOOTER/RUNNER
- D = CONCRETE U BRACKET TRANSVERSE CONNECTOR (connects with grade 5 - 1/2" x 2 1/2" carriage bolt & nut)
- E = TELESCOPING V BRACE TUBE ASSEMBLY W/ 1.5 BOT-TOM TUBE AND 1.25 TUBE INSERT
- F = "V" BRACE I-BEAM CONNECTOR ASSEMBLY (connects with grade 5 - 1/2" x 4" carriage bolt & nut)
- H = TELESCOPING TRANSVERSE ARM ASSEMBLY
- I = TRANSVERSE ARM I-BEAM CONNECTOR (connects with grade 5 - 1/2" x 2 1/2" carriage bolt & nut)
- J = CONCRETE "V" BRACKET (connects with grade 5 - 1/2" x 4" carriage bolt & nut)

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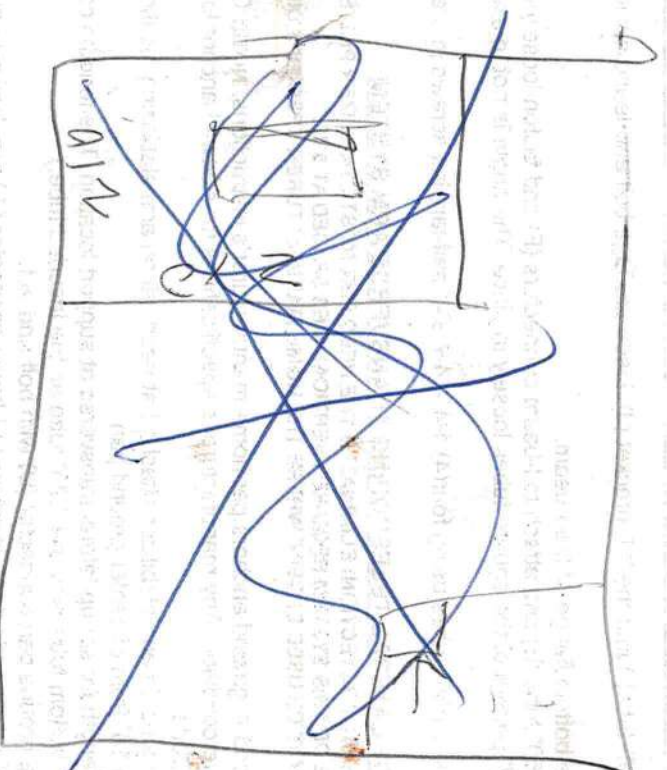
Telephone: 931-796-4555
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OLIVER TECHNOLOGIES, INC. INSTALLATION INSTRUCTIONS FOR FLORIDA MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM PAN & CONCRETE (revision 6/07)

PATENT # 6634150 & OTHER PATENT PENDING



JUN 26 2007



4 pages