

475.97

PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

For Office Use Only (Revised 6-23-05) Zoning Official BLK 12.01.07 Building Official DAVID 1-D-07

AP# 0701-49 Date Received 1-11-07 By G Permit # 25432

Flood Zone X Surveys Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments _____

FEMA Map# _____ Elevation _____ Finished Floor _____ River _____ In Floodway _____

☒ Site Plan with Setbacks Shown ☒ EH Signed Site Plan ☐ EH Release ☒ Well letter ☐ Existing well

☒ Copy of Recorded Deed or Affidavit from land owner ☒ Letter of Authorization from Installer

STOP MH-0701-03

- Property ID # 31-45-17 08915 011 Must have a copy of the property deed
- New Mobile Home New Used Mobile Home _____ Year 2007
- Applicant Nevin C. Nettles Phone # 386 755 3419 Home
- Address 1017 SW Wester Dr Lake City Fla 32024 386 365 9707 Cell
- Name of Property Owner Timothy M. Nettles Phone# 386 755 6958
- 911 Address 1015 SW Wester Dr Lake City Fla 32024
- Circle the correct power company - FL Power & Light - Clay Electric
- (Circle One) - Suwannee Valley Electric - Progress Energy

- Name of Owner of Mobile Home Nevin C. Nettles Phone # 386 755 3419
- Address 1017 SW Wester Dr Lake City Fla 32024 Cell 386 365 9707
- Relationship to Property Owner Father of property owner
- Current Number of Dwellings on Property one

- Lot Size _____ Total Acreage 5.3
- Do you : Have an Existing Drive or need a Culvert Permit or a Culvert Waiver (Circle one)

- Is this Mobile Home Replacing an Existing Mobile Home NO (uses)
- Driving Directions to the Property South on I 75 to Hwy 47 South on Hwy 47
turn left on Wester Rd after making sharp right turn 3rd
driveaway on left Marlbay No 1015 the property behind
Existing home

- Name of Licensed Dealer/Installer Dale Houston Phone # 386-752-7814
- Installers Address 136 S.W. Barrs Glen Lake City FL 32024
- License Number I-H0000040 Installation Decal # 2524 23

PERMIT WORKSHEET

PERMIT NUMBER

Installer DALE Housh License # IAH0000043

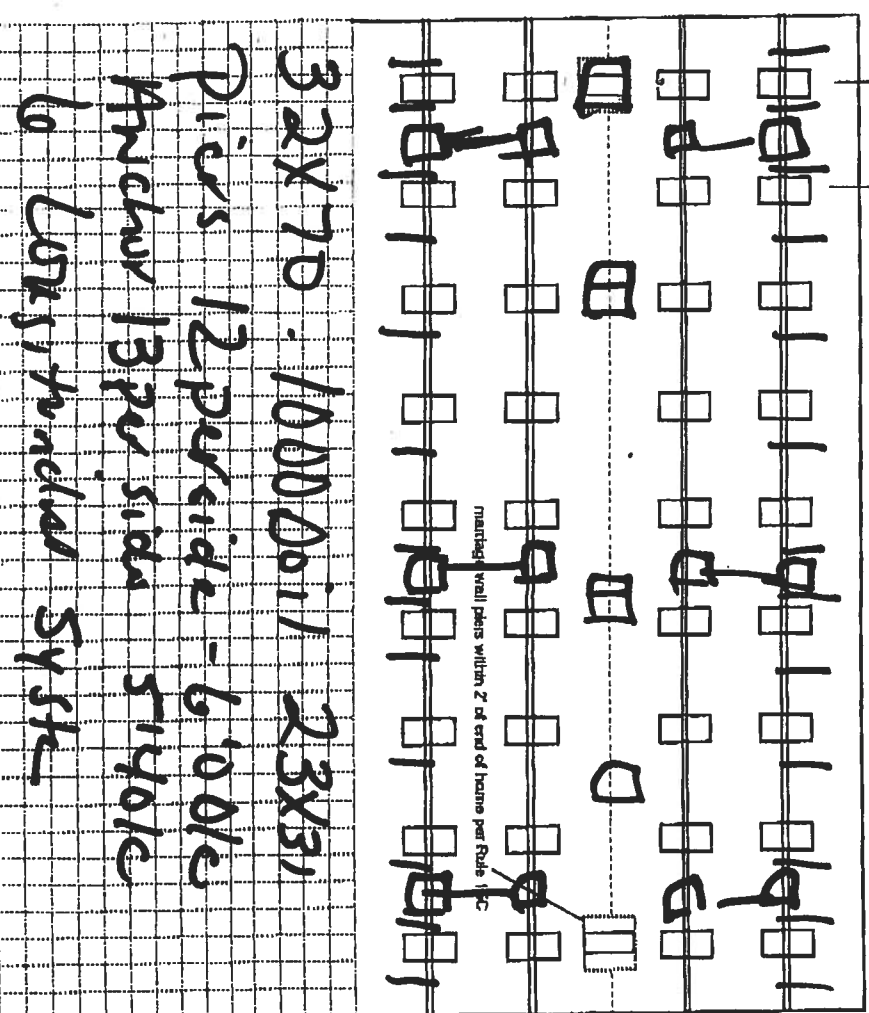
Address of home _____
being installed _____

Manufacturer Scottbilt Length x width 70x32

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 DH



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 # 252623

Triple/Quad ☐ Serial # _____

PIER SPACING TABLE FOR USED HOMES

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

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

PIER PAD SIZES

I-beam pier pad size 23x31
Perimeter pier pad size 16x16

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.

Opening _____ Pier pad size _____

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
25 x 26	676

ANCHORS

4 ft 5 ft

FRAME TIES

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

OTHER TIES

Number _____

TIEDOWN COMPONENTS

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

Sidewall Longitudinal Marriage wall Shearwall

PERMIT NUMBER

POCKET PENETROMETER TEST

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

X _____ X _____ X _____

POCKET PENETROMETER TESTING METHOD

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

X _____ X _____ X _____

TORQUE PROBE TEST

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

Note: A stake 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 require anchors with 4000 lb holding capacity.

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name

DATE Housh

Date Tested

1/9/07

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.

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. N/A

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

Site Preparation

Debris and organic material removed ☒ Swale ☒ Pad ☐ Other ☐

Fastening multi wide units

Floor: Type Fastener: LAG Length: _____ Spacing: M4x24"
Walls: Type Fastener: 5/8" Length: _____ Spacing: 12"
Roof: Type Fastener: LAG Length: _____ Spacing: M4x24"
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 (weathertightness 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

DH

Type gasket

5u18

Installed:

Between Floors ☒
Between Walls ☒
Bottom of ridgebeam ☒

Weatherproofing

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

Miscellaneous

Skirting to be installed. ☒ Yes ☒ No
Dryer vent installed outside of skirting. ☒ Yes ☒ No
Range downflow vent installed outside of skirting. ☒ Yes ☒ No
Drain lines supported at 4 foot intervals. ☒ Yes ☒ No
Electrical crossovers protected. ☒ Yes ☒ No
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 Dee H Date 1/9/07

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 1/8/2007 DATE ISSUED: 1/8/2007

ENHANCED 9-1-1 ADDRESS:

1017 SW WESTER DR

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

31-4S-17-08915-011

Remarks:

PARENT PARCEL #

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address

JAN 08 2007

911Addressing/GIS Dept

@ CAM112M01	S	CamaUSA Appraisal System		Columbia County
1/11/2007 15:12		Legal Description Maintenance	40000	Land 001
Year T Property		Sel		AG 000
2007 R 31-4S-17-08915-011			62612	Bldg 001
1015 WESTER DR SW			720	Xfea 002
HX		NETTLES TIMOTHY M	103332	TOTAL B

1	COMM SW COR OF NE1/4, RUN N	1560.98 FT, E 34 FT TO E R/W	2
3	WESTER RD FOR POB, RUN N 300	FT, E 514.58 FT, SE 327.66 FT,	4
5	S 67.40 FT, E 105.47 FT, S	42.25 FT, W 885.20 FT TO POB.	6
7	ORB 853-331,		8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 2/11/1998 TERR

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave

Lake City, FL. 32025

Phone 386-752-6677

Fax 386-752-1477

Building Permit # _____ Owner's Name Nevin Nettles

Well Depth _____ Ft. Casing Depth _____ Ft. Water Level _____ Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Schaffer Pump Model _____ HP 1

System Pressure (PSI) _____ On 30 Off 50 Average Pressure 40

Pumping System GPM at average pressure and pumping level 18 (GPM)

Tank Installation: Bladder Galvanized Make Challenger
Model PC 244 Size 81

Tank Draw-down per cycle at system pressure 25.1 gallons

**I HEREBY VERIFY THAT THIS WATER WELL SYSTEM HAS BEEN
INSTALLED AS PER THE ABOVE INFORMATION.**

Linda Newcomb
Signature

2609
License Number

Linda Newcomb
Print Name

1/9/07
Date

COLUMBIA COUNTY, FLORIDA
LAND DEVELOPMENT REGULATION ADMINISTRATOR
SPECIAL PERMIT FOR TEMPORARY USE
APPLICATION

Permit No. 25432 Stupm# 6701-03 Date 1-12-07
Fee \$20000 Receipt No. 3580 ck# 1145

Certain uses are of short duration and do not create excessive incompatibility during the course of the use. Therefore, the Land Development Regulation Administrator is authorized to issue temporary use permits for the following activities, after a showing that any nuisance or hazardous feature involved is suitably separated from adjacent uses; excessive vehicular traffic will not be generated on minor residential streets; and a vehicular parking problem will not be created:

1. In any zoning district: special events operated by non-profit, eleemosynary organizations.
2. In any zoning district: Christmas tree sales lots operated by non-profit, eleemosynary organizations.
3. In any zoning district: other uses which are similar to (1) and (2) above and which are of a temporary nature where the period of use will not extend beyond thirty (30) days.
4. In any zoning district: mobile homes or travel trailers used for temporary purposes by any agency of municipal, County, State, or Federal government; provided such uses shall not be or include a residential use.
5. In any zoning district: mobile homes or travel trailers used as a residence, temporary office, security shelter, or shelter for materials of goods incident to construction on or development of the premises upon which the mobile home or travel trailer is located. Such use shall be strictly limited to the time construction or development is actively underway. In no event shall the use continue more than twelve (12) months without the approval of the Board of County Commissioners and the Board of County Commissioners shall give such approval only upon finding that actual construction is continuing.
6. In agricultural, commercial, and industrial districts: temporary religious or revival activities in tents.

7.

In agricultural districts: In addition to the principal residential dwelling, one (1) additional mobile homes may be used as an accessory residence, provided that such mobile homes are occupied by persons related by the grandparent, parent, step-parent, adopted parent, sibling, child, stepchild, adopted child or grandchild of the family occupying the principal residential use. Such mobile homes are exempt from lot area requirements, and shall not be located within required yard areas. Such mobile homes shall not be located within twenty (20) feet of any building. A temporary use permit for such mobile homes may be granted for a time period up to one (1) year. When the temporary use permit expires, the applicant may invoke the provisions of Section 14.9, entitled Special Family Lot Permits.

8. In shopping centers within Commercial Intensive districts only: mobile recycling collection units. These units shall operate only between the hours of 7:30 a.m. and 8:30 p.m. and shall be subject to the review of the Land Development Regulation Administrator. Application for permits shall include written confirmation of the permission of the shopping center owner and a site plan which includes distances from buildings, roads, and property lines. No permit shall be valid for more than thirty (30) days within a twelve (12) month period, and the mobile unit must not remain on site more than seven (7) consecutive days. Once the unit is moved off-site, it must be off-site for six (6) consecutive days.
9. In any zoning district: A temporary business, as defined within these Land Development Regulations. At least sixty (60) days prior to the commencement date of the temporary permit, the applicant shall submit an application to the County, which shall include the following information.
 - a. the name and permanent address or headquarters of the person applying for the permit;
 - b. if the applicant is not an individual, the names and addresses of the business;
 - c. the names and addresses of the person or persons which will be in direct charge of conducting the temporary business;
 - d. the dates and time within which the temporary business will be operated;
 - e. the legal description and street address where the temporary business will be located;
 - f. the name of the owner or owners of the property upon which the temporary business will be located;
 - g. a written agreement containing the permission from the owner of the property for its use for a temporary business must be attached to and made a part of the application for the permit;

- h. a site plan showing display areas, plans for access and egress of vehicular traffic, any moveable interim structures, tents, sign and banner location and legal description of the property must accompany the application for the temporary use permit; and
- i. a public liability insurance policy, written by a company authorized to do business in the State of Florida, insuring the applicant for the temporary permit against any and all claims and demands made by persons for injuries or damages received by reason of or arising out of operating the temporary business. The insurance policy shall provide for coverage of not less than one million dollars (\$1,000,000.00) for damages incurred or claims by more than one person for bodily injury and not less than two million dollars (\$2,000,000.00) for damages incurred or claims by more than one person for bodily injury and fifty thousand dollars (\$50,000.00) for damages to property for one person and one hundred thousand dollars (\$100,000.00) for damages to property claimed by more than one person. The original or duplicate of such policy, fully executed by the insurer, shall be attached to the application for the temporary permit, together with adequate evidence that the premiums have been paid.

The sales permitted for a temporary business, as defined with these land development regulations, including, but not limited to, promotional sales such as characterized by the so-called "sidewalk "sale", "vehicle sale", or "tent sale", shall not exceed three (3) consecutive calendar days.

There must be located upon the site upon which the temporary business shall be conducted public toilet facilities which comply with the State of Florida code, potable drinking water for the public, approved containers for disposing of waste and garbage and adequate light to illuminate the site at night time to avoid theft and vandalism.

If the application is for the sale of automobiles or vehicles, the applicant shall provide with the application a copy of a valid Florida Department of Motor Vehicle Dealers license and Department of Motor Vehicle permit to conduct an "offsite" sale. If any new vehicles are to be displayed on the site, a copy of the factory authorization to do so will be required to be filed with the application.

No activities, such as rides, entertainment, food, or beverage services shall be permitted on the site in conjunction with the operation of the temporary business.

Not more than one (1) sign shall be located within or upon the property for which the temporary permits is issued, and shall not exceed sixteen (16) square feet in surface area. No additional signs, flags, banners, balloons or other forms of visual advertising shall be permitted. The official name of the applicant and its permanent location and street address, together with its

permanent telephone number, must be posted on the site of the property for which the temporary permit is issued and shall be clearly visible to the public.

Any applicant granted a temporary permit under these provisions shall also comply with and abide by all other applicable federal, State of Florida, and County laws, rules and regulations.

Only one (1) tent, not to exceed three hundred fifty (350) square feet in size shall be permitted to be placed on the site of the temporary business and such tent, if any, shall be properly and adequately anchored and secured to the ground or to the floor of the tent.

No person or entity shall be issued more than one (1) temporary permit during each calendar year.

The temporary permit requested by an applicant shall be issued or denied within sixty (60) days following the date of the application therefor is filed with the Land Development Regulation Administrator.

10. In agriculture and environmentally sensitive area districts: a single recreational vehicle as described on permit for living, sleeping, or housekeeping purposes for one-hundred eighty (180) consecutive days from date that permit is issued, subject to the following conditions:
 - a. Demonstrate a permanent residence in another location.
 - b. Meet setback requirements.
 - c. Shall be hooked up to or have access to appropriate electrical service, potable well and sanitary sewer facilities (bathroom and septic tank) that have been installed pursuant to permits issued by the Health Department and County Building and Zoning Department, where required.
 - d. Upon expiration of the permit the recreational vehicle shall not remain on property parked or stored and shall be removed from the property for 180 consecutive days.
 - e. Temporary RV permits are renewable only after one (1) year from issuance date of any prior temporary permit.

Temporary RV permits existing at the effective date of this amendment may be renewed for one (1) additional temporary permit in compliance with these land development regulations, as amended. Recreational vehicles as permitted in this section are not to include RV parks.

Appropriate conditions and safeguards may include, but are not limited to, reasonable time limits within which the action for which temporary use permit is requested shall be begun or completed, or both. Violation of such conditions and safeguards, when made a part of the terms under which the special permit is granted, shall be deemed a violation of these land development regulations and punishable as provided in Article 15 of these land development regulations.

1. Name of Title Holder(s) Timothy and Charlotte Nettles

Address 1015 SW Wester Dr. City Lake City, FL Zip Code 32024

Phone (386) 755-6958

NOTE: If the title holder(s) of the subject property are appointing an agent to represent them, a letter from the title holder(s) addressed to the Land Development Regulation Administrator MUST be attached to this application at the time of submittal stating such appointment.

Title Holder(s) Representative Agent(s) _____

Address _____ City _____ Zip Code _____

Phone () _____

? 2. Size of Property 5.03 acres

3. Tax Parcel ID# 31-45-17 0100/0100 # 31-45-17-08915-011
Account # R08915-011

4. Present Land Use Classification Residential A-3

5. Present Zoning District A-3

6. Proposed Temporary Use of Property Residential - ~~paragraph 5, page 1~~
Paragraph 7

(Include the paragraph number the use applies under listed on Page 1 and 2)

7. Proposed Duration of Temporary Use life estate 19R.

8. Attach Copy of Deed of Property.

I (we) hereby certify that all of the above statements and the statements contained in any papers or plans submitted herewith are true and correct to the best of my (our) knowledge and belief.

Nevin C Nettles
Applicants Name (Print or Type)

Nuc Nettles
Applicant Signature

1-12-07
Date

Approved X 12.01.07
Denied BLK

OFFICIAL USE

Reason for Denial _____

Conditions (if any) _____

Assignment of Authority

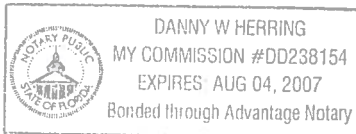
I, Dale Houston, License # IH0000040 do hereby authorize Nevin Nettles
to act on my behalf in all aspects of pulling a move on permit.

Sworn and Subscribed before me this 12th day of JANUARY,
2007. County of Columbia, State of Florida.

Signature Dale Hht

Date 1/12/07

Notary Danny W. Herring Commission Expires 8/04/07



All Horton Homes designed for Wind Zone 1 are anchored to the ground to resist wind forces with frame ties only. Horton Homes designed for Wind Zones 2 and 3 use both vertical and diagonal frame ties. Over-the-roof down straps may be used in conjunction with the frame ties if preferred for Zone 1. All shearwall vertical tiedown locations along the sidewall and marriage wall are identified by the manufacturer at the factory.

Zone 2 Wind Zone houses set up in Zone 1 Wind Zone areas need only comply with Zone 1 anchoring requirements.

Park straps or vertical ties may have been installed on this house. If so, it should be noted that park straps are provided to supplement and not replace the engineered anchoring system. Under no circumstances should the diagonal anchoring straps be replaced by vertical park straps.

The following procedure may be used for installing the anchor system.

1. Thread straps through the buckle and around the I-beam at the proper locations (See Illustration A or use locking frame clip as shown in Illustration B). See page 66 for single wide locations and page 69 for doublewide locations (Wind Zones 2 & 3, page 79 for single wide and page 82 for doublewide).
2. Install ground anchors per the manufacturer's instructions. Each anchor must be positioned so the final strap angle will be within the limits.
3. Attach the straps to the ground anchor tensioning device as per the anchor manufacturer's instructions. It is recommended that all straps be tightened only enough to remove the slack. Then after all straps are installed in this manner, retighten each strap.
4. The strap tension should be re-checked periodically until pier settlement has stopped. The house must not be leveled without first loosening the tiedown strap. After re-leveling, all straps must be re-tightened.

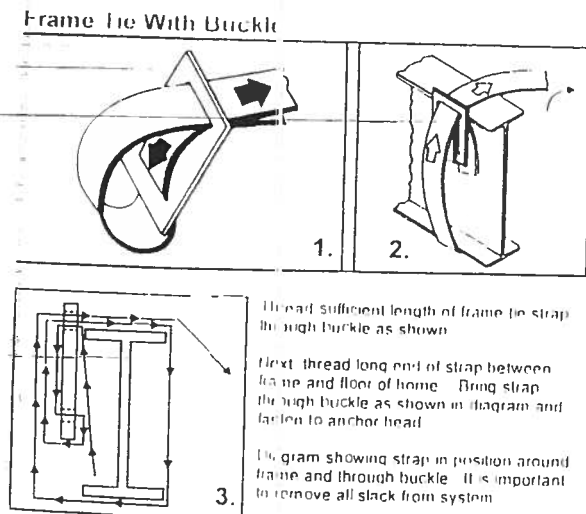


ILLUSTRATION A

NOTE: PROTECTION SHALL BE PROVIDED AT SHARP CORNERS OF I-BEAM AND BRACKETS WHERE STRAPS MAYBE DAMAGED.

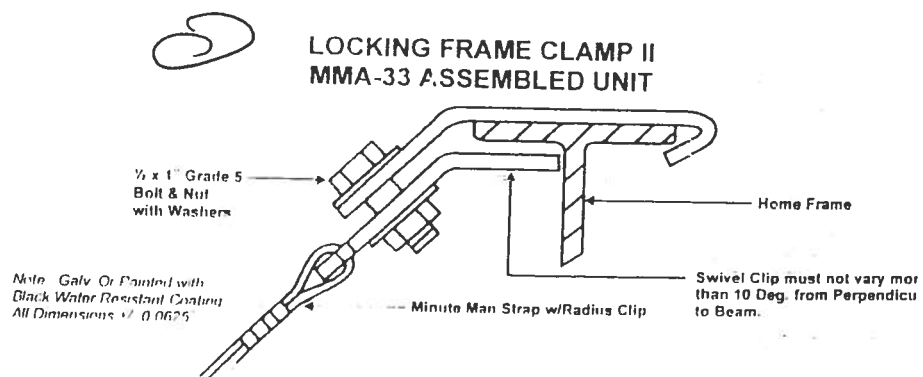


ILLUSTRATION B

SOIL BEARING TEST

To determine the safe bearing capacity of soil, it shall be tested at the site location by loading an area of less than four (4) square feet to not less than twice the maximum bearing capacity desired for use. Such double load shall be sustained by the soil for a period of not less than forty-eight (48) hours with no additional settlement taking place, in order that such desired bearing capacity may be used.

Foundations should be built upon natural solid ground. Where solid ground does not occur at the foundation depth, such foundation shall be extended down to natural solid ground or piles should be used. Foundations built upon mechanically compacted earth or fill material are subject to the approval of local building officials to show evidence that the proposed loads will be adequately supported.

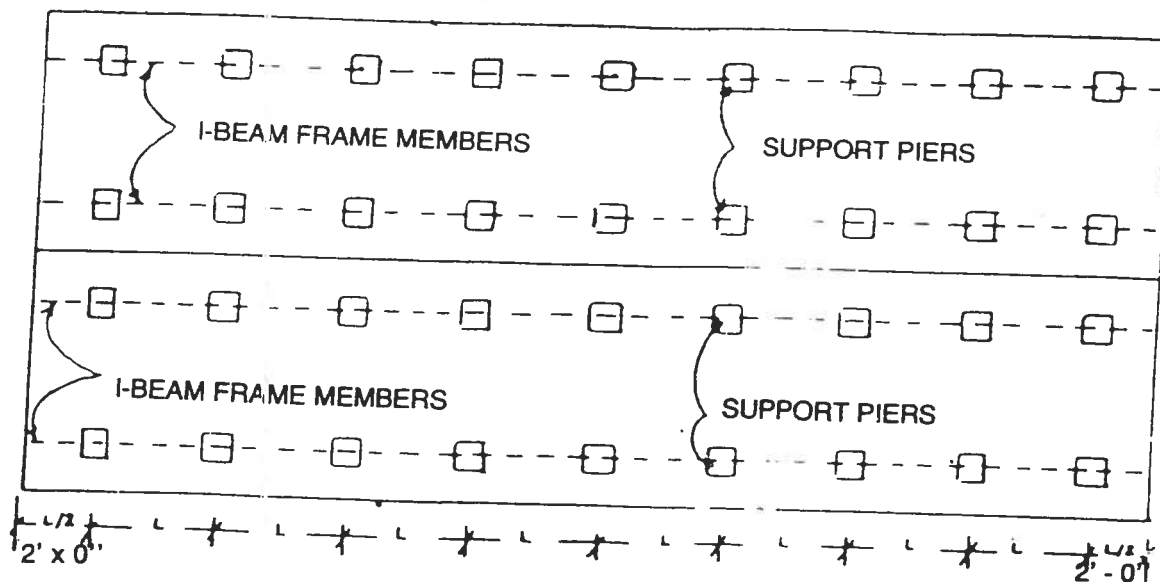
PIER LOADS

There are several factors that control the numbers of piers required to support a home. The four most important factors are:

- (1) size of the home;
- (2) weight carrying capacity of the pier material;
- (3) soil bearing capacity; and
- (4) spacing between the individual piers.

Refer to tables 2 through 4 to determine the minimum size and location of individual footings and table 1 to determine the minimum strength requirements for individual piers.

**TABLE 1
MINIMUM PIER CAPACITY TABLE**



Roof Live Load 20 psf	PIER LOAD	Piers at 4' On Center		Piers at 6' On Center		Piers at 8' On Center	
		12-wide	14-wide	12-wide	14-wide	12-wide	14-wide
		(lbs.)	(lbs.)	(lbs.)	(lbs.)	(lbs.)	(lbs.)
		2112	2464	3168	3696	4224	4928

TABLE 2
12 WIDE OR LESS FOOTING SCHEDULE

Pier Spacing (L)	Soil Bearing Capacity (PSF)	ROOF LIVE LOAD
		20 PSF REQUIRED FOOTING AREA IN SQ. IN.
Piers spaced no more than 4'-0" on center not more than 2'-0" from either end	1000	305
	1500	205
	2000	155
	2500	125
	3000	105
Piers spaced no more than 6'-0" on center not more than 2'-0" from either end	1000	460
	1500	305
	2000	230
	2500	185
	3000	155
Piers spaced no more than 8'-0" on center not more than 2'-0" from either end	1000	610
	1500	410
	2000	305
	2500	245
	3000	205

TABLE 3
14 WIDE OR LESS FOOTING SCHEDULE

Pier Spacing (L)	Soil Bearing Capacity (PSF)	ROOF LIVE LOAD
		20 PSF REQUIRED FOOTING AREA IN SQ. IN.
Piers spaced no more than 4'-0" on center not more than 2'-0" from either end	1000	355
	1500	240
	2000	180
	2500	145
	3000	120
Piers spaced no more than 6'-0" on center not more than 2'-0" from either end	1000	540
	1500	355
	2000	265
	2500	215
	3000	178
Piers spaced no more than 8'-0" on center not more than 2'-0" from either end	1000	710
	1500	475
	2000	355
	2500	285
	3000	240

NOTE:

1. Width refers to individual unit width and not total width of home.
2. If soil bearing capacity is not determined, use 1000 PSF as a minimum.
3. In the geographical areas subject to severe freezes, the bottom line of foundations must extend below the frost line established by local records.

TYPICAL FOOTER SIZES

- * 16" X 16" - 256 Sq. Inches
- 16" X 24" - 384 Sq. Inches
- 24" X 24" - 576 Sq. Inches
- 24" X 30" - 720 Sq. Inches

* MINIMUM FOOTER
TO BE USED

FOOTER SIZE REQUIREMENTS

Footer Size Equals Pier Load
Soil Bearing
Capacity

Example: 14' Wide 8'-0" Center Piers
4928 (from table 1)
1000 (soil bearing capacity)

4928 Equals 4.9 Sq. Ft. Minimum Footer
1000

PIER LOAD CAPACITY FOR SIDE WALLS

100 X Span in Ft. divided by Soil Capacity

Example:
100 X 6'-0" equals 600 equals .6 sq. ft. min.
1000

Minimum Size Footer 8 X16
or 128 sq. inches for Sidewalls

MARRIAGE WALL PIER LOAD CAPACITY

100 X Span in Ft. X 2 equals Pier Load Divided by Soil Capacity

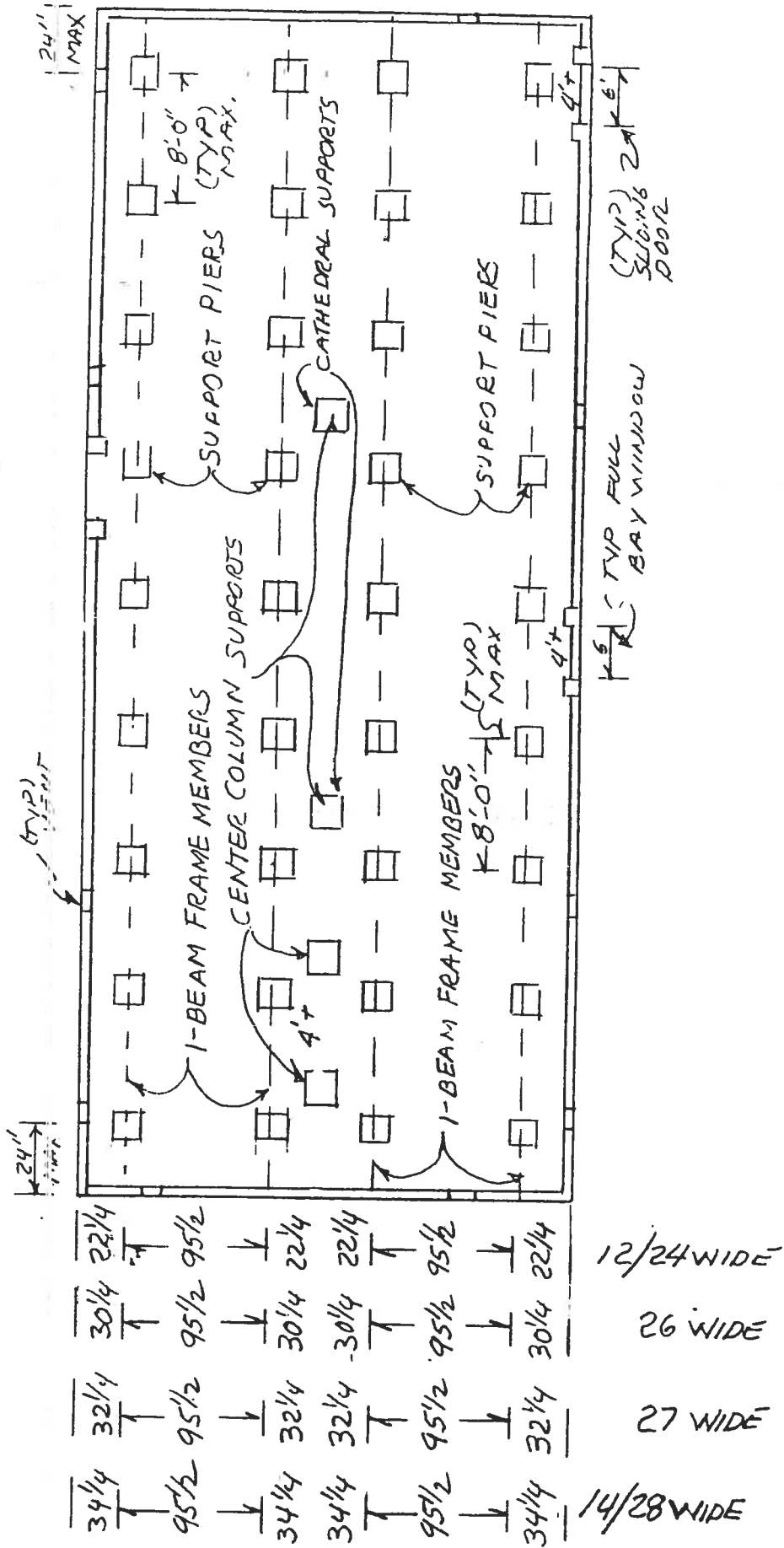
Example:
100 X 20'-0" X 2 Equals 4000 lbs. equals 4 sq. ft. Minimum Footer
1000 lbs.

NOTE:

1. Multi openings for side wall or marriage wall, add openings together.
2. Treat each marriage wall in each half of double wide separately. Provide piers at all openings greater than 4'-0" wide.
3. Combine pier loads at locations where each half of the home has a ridge beam column support.

RTON HOMES
95-1 1/2" I BEAM SPREAD
TYPICAL PIER PLACEMENT

TABLE 4A



PIER LOADS

16' WIDE WITHOUT OVERHANG (188" FLOOR W/O OVERHANG)

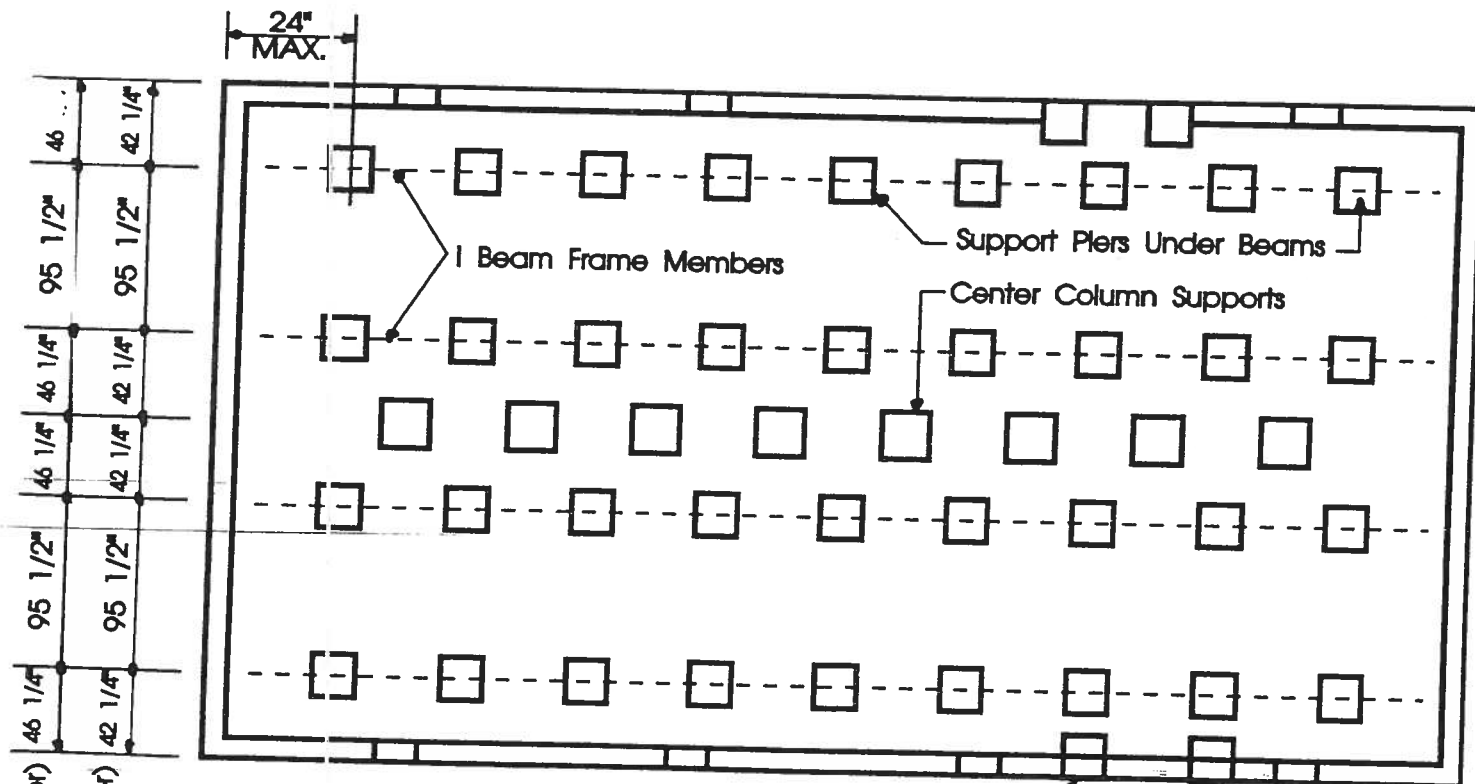
MAX. PIER SPACING	PIER LOADS	Min. Footing Area (Sq. Inches) For Soil Pressure Specified				
4'-0"	2414	1000	1500	2000	2500	3000 PSF
6'-0"	3622	435	280	208	163	135
8'-0"	4829	628	403	297	238	195
		822	528	389	308	255

15' WIDE WITH OVERHANG SINGLE WIDE & D.W. (180" FLOOR W/ 12" OVERHANG)

MAX. PIER SPACING	PIER LOADS	Min. Footing Area (Sq. Inches) For Soil Pressure Specified				
4'-0"	2430	1000	1500	2000	2500	3000 PSF
6'-0"	3645	437	281	208	164	136
8'-0"	4860	632	407	299	237	196
		825	531	392	310	257

SIDEWALL OPENINGS FOOTING AREAS

MAX. OPENING	PIER LOADS	Min. Footing Area (Sq. Inches) For Soil Pressure Specified				
4'-0"	962	1000	1500	2000	2500	3000 PSF
6'-0"	1425	201	128	96	76	63
8'-0"	1904	277	178	131	105	86
10'-0"	2380	363	228	188	133	110
12'-0"	2835	429	276	204	161	134
14'-0"	3332	506	325	239	190	157
16'-0"	3808	582	374	276	218	181
18'-0"	4284	658	423	321	247	204
20'-0"	4760	734	472	348	276	228
		810	521	384	304	252



HORION HOMES, INC.

95 1/2" I-Beam

Spread for 16' Wide
and 15' Wide Floors

TYPICAL PIER PLACEMENT

53 Sidewall & Center Column
Supports Installed Each
Side Of Openings 4' or Larger

MINIMUM BLOCKING STANDARDS

1. **Pier foundations shall be installed directly under the main frame (or chassis) of the manufactured home.** The piers shall not be further apart than eight (8) feet on centers and the maximum distance in from each end 2'-0".
2. **All grass and organic matter shall be removed and the pier foundation placed in stable soil.** The pier foundation shall be minimum of 24" x 30" x 4" (refer to soil bearing capacity for exact size), solid concrete pad, pre-cast or poured in place, or equivalent. (Min. based on 1000 psf - 8'-0" pier spacing).
3. Piers must be constructed of regular 8" x 8" x 16" concrete blocks, open cells, solid or equivalent (with open cells vertical) placed above the foundation. A 2" x 8" x 16" pressure treated wood plate, or equivalent, shall be placed on top of the pier with shims fitted and driven tight from both sides of the I-Beam. (See Figure 1.)
4. **All piers over forty (40) inches in height shall be double tiered with blocks interlocked and capped with a 4" x 16" x 16" solid concrete block or equivalent, and cushioned with wood shims or pressure treated plate.** (See Figures II and III.)
5. **All corner piers over three (3) blocks high shall be doubled tiered, with blocks interlocked and capped with a 4" x 16" x 16" solid concrete block or equivalent and cushioned with wood shims and pressure treated plate.**
6. **EXTERIOR SIDEWALL/MARRIAGE WALL BLOCKING - In addition to providing piers for supporting the frame, piers also are required to support the special roof loads.** These support piers are required at all marriage wall and sidewall openings greater than 4 ft. in width. These piers should be placed at each side of such openings. Typical sidewall openings - sliding glass door/full bay windows. Typical marriage wall openings - cathedral openings, passageway openings greater than 4'. In addition to these supports, it is optional that support piers may be installed around the perimeter of the house - 8 ft. O.C. Max.

ADDENDUM TO MINIMUM BLOCKING STANDARDS

NOTE: In some situations forces and materials may interact in such a way as to result in some areas in a slight crowning of floor joists from the I-beam of the frame to the exterior wall. **When this situation does occur, it is required that the dealer exercise the option with respect to exterior sidewall blocking and install support piers around the perimeter of the house. 8 ft. O.C. Max.**

BLOCKING STANDARDS

FIGURE I

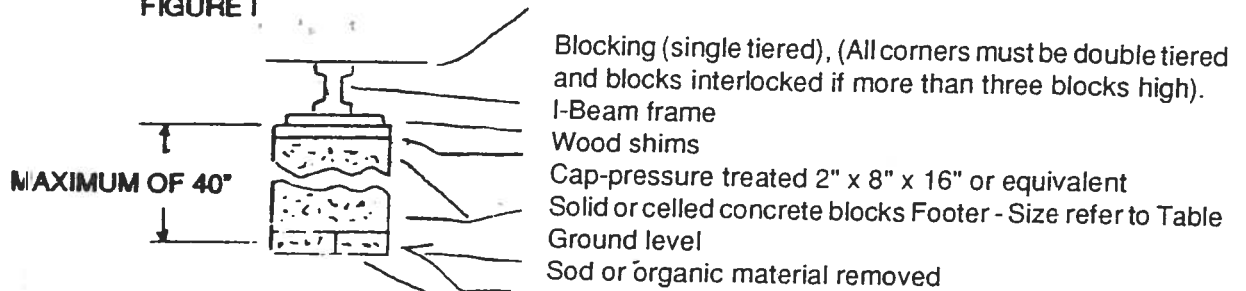
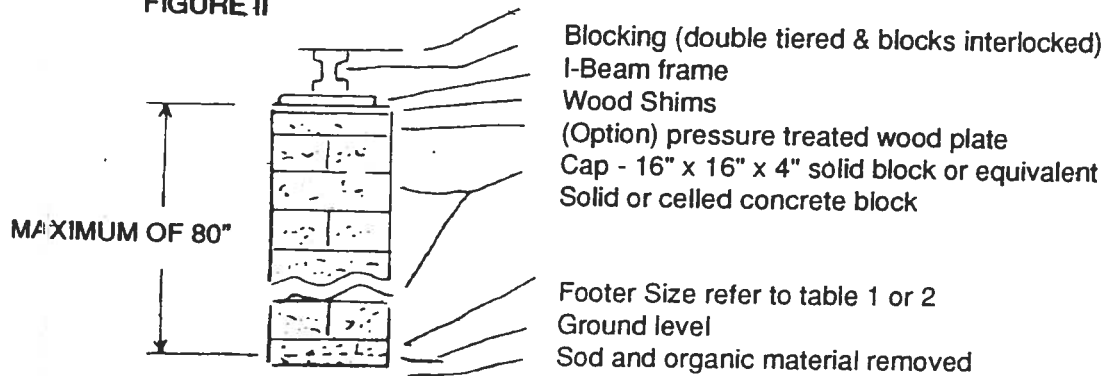
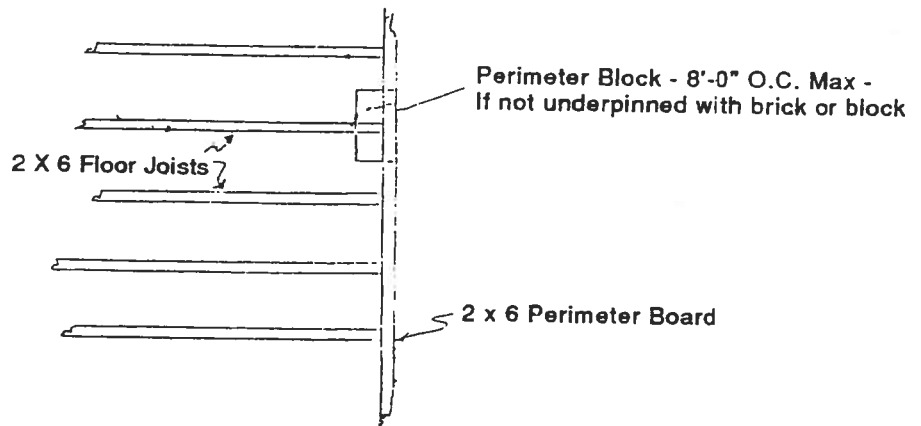


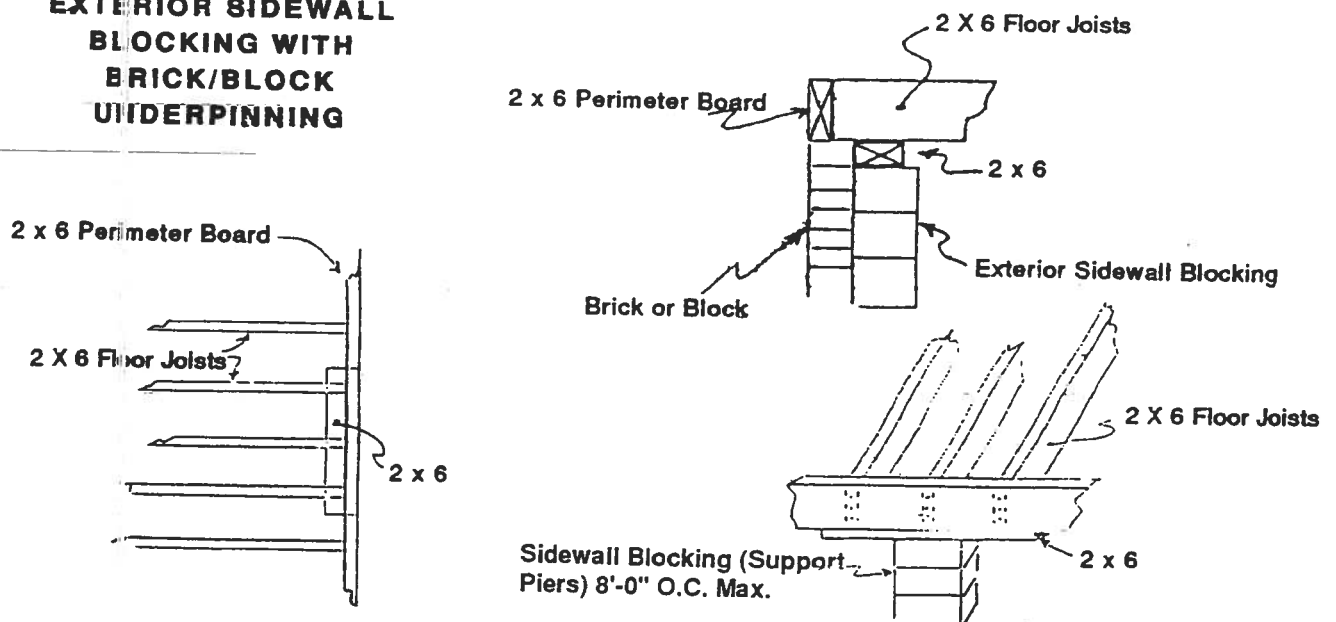
FIGURE II



EXTERIOR SIDEWALL BLOCKING WITH NO UNDERPINNING



EXTERIOR SIDEWALL BLOCKING WITH BRICK/BLOCK UNDERPINNING



ANCHORING SYSTEM

All Horton Homes **must** be securely anchored according to wind zone location to resist the uplifting sliding forces created by strong winds. Horton Homes are built to comply with HUD'S Manufactured Home Construction and Safety Standards which establish design requirements for each wind zone area. A wind zone map reflecting the three wind zone areas and the wind zone designation of your home can be found on a Certificate of Compliance sheet posted inside a kitchen cabinet, furnace compartment or some other convenient location. All Horton Homes must be anchored in accordance to the appropriate anchoring instruction found under the applicable wind zone section in this manual. Other methods of anchoring of your home maybe used if designed by a professional engineer for the applicable wind zones.

Note: Wind Zone 2 or 3 houses set up in wind zone 1 area need only comply with wind zone 1 anchoring requirements.

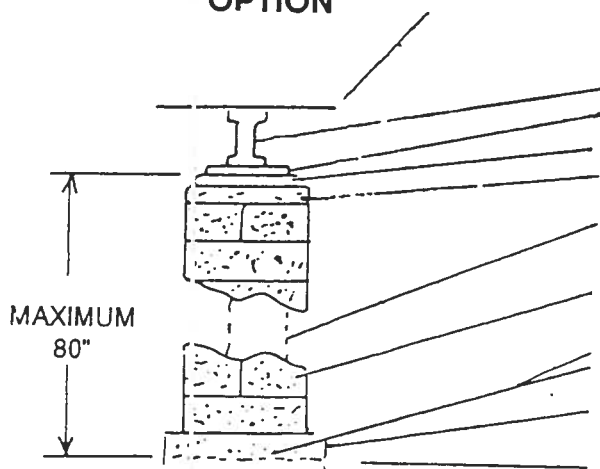
The tiedown straps and ground anchors are not provided by the manufacturer, as differing soil conditions require different anchoring system. Several good systems are available through your dealer or installation contractor.

STRAP TO FRAME ATTACHMENT

The strap to frame attachment details are shown in Illustration A or B. The required frame tiedown spacing is shown on charts and drawings. The strap to anchor connection and the anchor installation method must be in accordance with the anchor manufacturer's installation instructions.

It is essential that all components of the tiedown system meet the minimum strength requirements specified in this manual for the applicable wind zones.

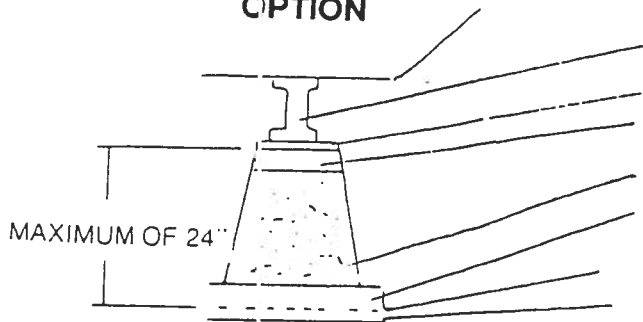
**FIGURE III
OPTION**



Blocking (double tiered - blocks interlocked concrete filled)
I-Beam frame
Wood shims
(Option) pressure treated wood plate
Cap - 16" x 16" x 4" solid block or equivalent
3/8" Steel reinforced rods
Celled concrete blocks
All cells filled with 2500 P.S.I. concrete

Footer Size refer to table 1 or 2
Ground level
Sod and organic material removed

**FIGURE IV
OPTION**



All pier foundations 2500 P.S.I. concrete with No. 5 reinforced rods (4 pcs - 16")

Blocking (solid pier)
I-Beam frame
Wood shims
(Option) Pressure treated wood plate
8" x 10" (minimum) pier top
Pier
Footer Size refer to table 1 or 2

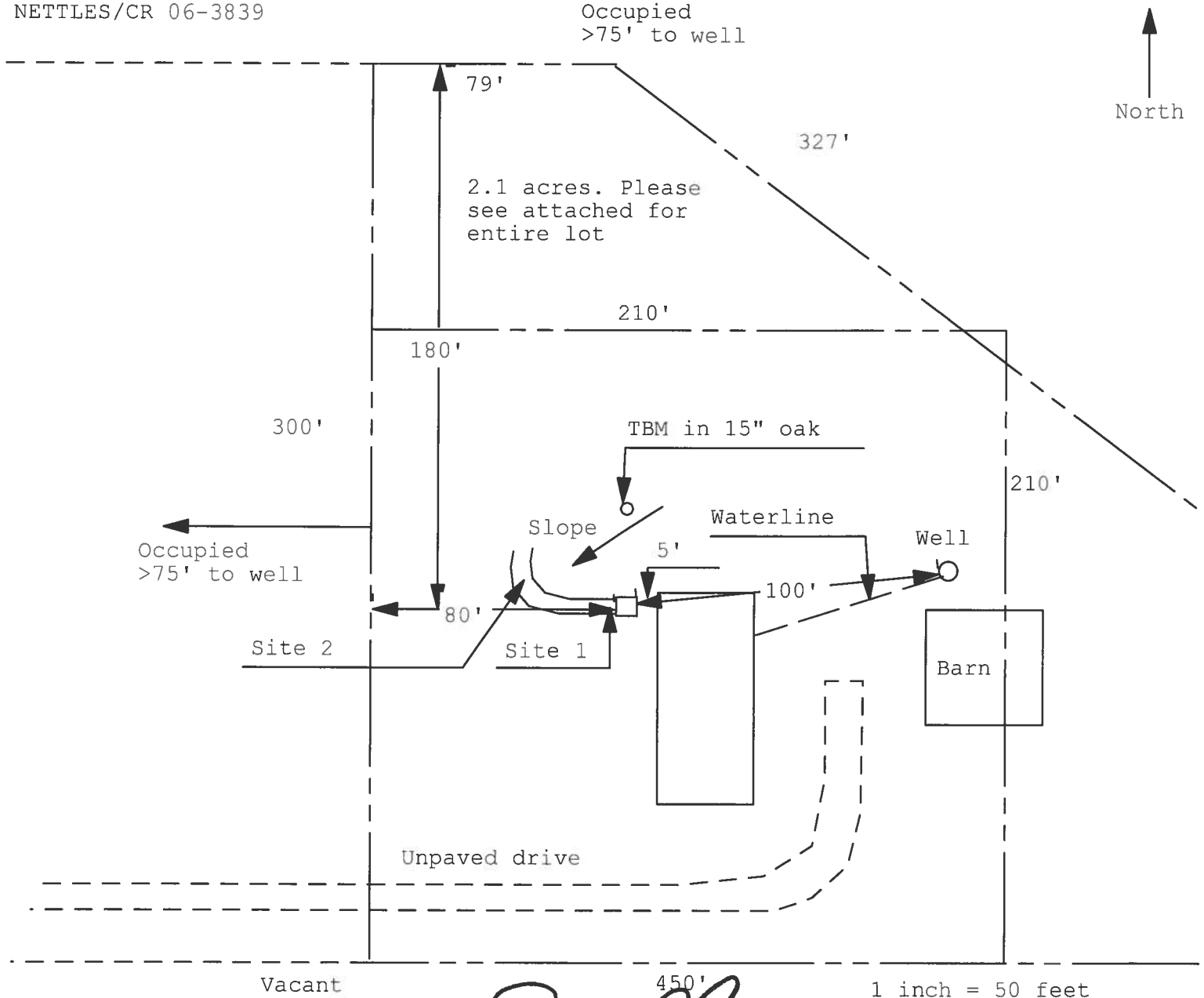
Ground level
Sod and organic material removed

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 07-00036N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

NETTLES/CR 06-3839

Occupied
>75' to well



Site Plan Submitted By Paul Lloyd Date 1/11/07
Plan Approved ☒ Not Approved ☐ Date 1-17-07

By Mon A. Lant Columbia CPHU

Notes: _____

**COLUMBIA COUNTY
FLORIDA
DEPARTMENT OF BUILDING AND ZONING**

M/H OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 31-4S-17-08915-011

Building permit No. 000025432

Permit Holder DALE HOUSTON

Owner of Building TIMOTY NETTLES

Location: 1015 SW WESTER RD, LAKE CITY, FL 32024



Date: 02/06/2007

Harry Dicks by J. H. H.
Building Inspector

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