DATE 05/09/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026994

APPLICANT RANDAL GEIGER PHONE 863-873-7002

ADDRESS 2095 N BERKLEY RD AVON PARK FL 33825

OWNER RANDAL GEIGER PHONE 863-873-7002

ADDRESS 863 SW HEDERSON TERR FORT WHITE FL 32038

CONTRACTOR OWNER BUILDER PHONE

LOCATION OF PROPERTY 47 S, R 238, 1 MILE GO RIGHT ON HENDERSON TERR,
1.5 MILES ON THE RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 240000.00

HEATED FLOOR AREA 3120.00 TOTAL AREA 4800.00 HEIGHT 20.50 STORIES 2

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 1/12 FLOOR SLAB

LAND USE & ZONING AG-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 16-6S-16-03832-220 SUBDIVISION SPRING RUN ESTATES UNREC.

LOT 20 BLOCK PHASE UNIT TOTAL ACRES 5.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			Randal L Geiger

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
PRIVATE	08-0310	BK	JH	Y

COMMENTS: NOC ON FILE, FLOOR ONE FOOT THE PRIVATE ROAD

Check # or Cash 137

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 1200.00 CERTIFICATION FEE $ 24.00 SURCHARGE FEE $ 24.00

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 1323.00

INSPECTORS OFFICE L. Hodson CLERKS OFFICE CH

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 PROGESS 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.

Columbia County Building Permit Application

For Office Use Only Application # 0805-01 Date Received 5/2/08 By LH Permit # 26994

Zoning Official BLK Date 07.05.08 Flood Zone X FEMA Map # N/A Zoning A-3

Land Use A-3 Elevation N/A MFE 1st above easement or private Rd River N/A Plans Examiner OK JH Date 5-9-08

Comments

(i) NOC ☑ EH ☑ Deed or PA ☑ Site Plan N/A ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor

☑ Unincorporated area ☐ Incorporated area N/A Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. 08-0310 Fax

Name Authorized Person Signing Permit Randal L. Geiger Phone 863-873-7002

Address 2095 N. Berkley Road, Avon Park, FL. 33825

Owners Name Randal L. & Mary E. Geiger Phone 863-873-7002

911 Address 863 SW Henderson Terrace, Ft. White, FL. 32038

Contractors Name Owner/Builder Phone Same as owner

Address Same as owner

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energy

Property ID Number 16-65-16-03832-220 Estimated Cost of Construction $120,000.

Subdivision Name Spring Run Estates Lot 20 Block Unit Phase

Driving Directions Lake City South on 47 to CR 238 - West 1 mi.to SW Henderson Terr. on Right - North 1.5 mi. to Property on Right

Number of Existing Dwellings on Property 0

Construction of Single Family Residence Total Acreage 5 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Private Rd Total Building Height 20.5'

Actual Distance of Structure from Property Lines - Front 122' Side 66' Side 418' Rear 184' (Use Rd axis)

Number of Stories 2 Heated Floor Area 3120 Total Floor Area 4800 Roof Pitch 1-12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

Columbia County Building Permit Application

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Randal L. Turke
_____
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Randal L. Turke
_____
Contractor's Signature (Permitee)

Contractor's License Number_____
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 22nd **day of** April **20**08.

Personally known ✓ **or Produced Identification**_____

Sandra L. Turke
_____
State of Florida Notary Signature (For the Contractor)

SEAL:

SANDRA L. TURKE
Notary Public - State of Florida
My Commission Expires Jun 14, 2008
Commission # DD328667
Bonded By National Notary Assn.

Revised 11-30-07

This Instrument Prepared by & return to:
Name: ***Brenda Styons, an employee of TITLE OFFICES, LLC***
Address: ***1089 SW MAIN BLVD. LAKE CITY, FLORIDA 32025***
File No. 05Y-08035CT

Parcel I.D. #: ***03832-220***

SPACE ABOVE THIS LINE FOR PROCESSING DATA

Inst:2005023383 Date:09/22/2005 Time:10:15
Doc Stamp-Deed : 524.30
DC,P.DeWitt Cason,Columbia County B:1059 P:774

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED *Made the* ***26th*** *day of* ***August****, A.D.* ***2005****, by*

ROBERT MURRAY*, A SINGLE MAN, and* ***KENNETH MURRAY****, A SINGLE MAN, JOINT TENANTS WITH RIGHTS OF SURVIVORSHIP, hereinafter called the grantors, to* ***RANDAL L. GEIGER*** *and* ***MARY E. GEIGER****, HIS WIFE, whose post office address is* ***2095 N BERLEY RD, AVON PARK, FL 33825****, hereinafter called the grantees:*

(Wherever used herein the terms "grantors" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: *That the grantors, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in* ***Columbia County, State of FLORIDA****, viz:*

LOT 20 SPRING RUN AN UNRECORDED SUBDIVISION BEING IN A PART OF THE WEST ½ OF SECTION 16 AND ALL OF THE WEST ½ OF THE NORTHEAST ¼ OF SAID SECTION 16, TOWNSHIP 6 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SAID SECTION 16, AND RUN NORTH 88°11'19" EAST 25.00 FEET TO THE EAST RIGHT-OF-WAY LINE OF LAZY OAK ROAD (A 50 FOOT COUNTY MAINTAINED DIRT ROAD AS NOW ESTABLISHED); THENCE CONTINUE ALONG THE NORTH LINE OF SAID SECTION 16 NORTH 88°11'19" EAST A DISTANCE OF 815.61 FEET; THENCE SOUTH 00°28'58" EAST, 1984.60 FEET TO THE NORTHERLY RIGHT-OF-WAY LINE OF A 60 FOOT ROAD RIGHT-OF-WAY; THENCE CONTINUE NORTH 88°11'19" EAST ALONG THE NORTHERLY RIGHT-OF-WAY LINE 745.57 FEET TO THE POINT OF CURVATURE OF A CURVE BEING CONCAVE TO THE LEFT, HAVING A RADIUS OF 25.00 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 43°51'10" EAST, 34.94 FEET; THENCE NORTHERLY ALONG THE ARC OF SAID CURVE 38.69 FEET TO THE POINT OF TANGENCY OF SAID CURVE, SAID POINT ALSO TO BE KNOWN AS REFERENCE POINT "A"; THENCE NORTH 88°11'19" EAST, 60.00 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF A 60 FOOT ROAD RIGHT-OF-WAY, SAID POINT ALSO KNOWN AS REFERENCE POINT "B"; THENCE NORTH 00°28'58" WEST, 559.41 FEET TO THE POINT OF BEGINNING; THENCE NORTH 00°28'58"WEST, 168.57 FEET TO THE POINT OF CURVATURE OF A CURVE BEING CONCAVE TO THE RIGHT, HAVING A RADIUS OF 523.57 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 09°45'19" EAST, 186.15 FEET; THENCE NORTHERLY ALONG THE ARC OF SAID CURVE 187.14 FEET TO THE POINT OF A REVERSE CURVE SAID CURVE BEING CONCAVE TO THE LEFT, HAVING A RADIUS OF 583.52 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 09°45'29" EAST, 207.48 FEET; THENCE NORTHERLY ALONG THE ARC OF SAID CURVE 208.59 FEET TO THE POINT OF TANGENCY; THENCE NORTH 00°28'58" WEST, 69.12 FEET TO THE POINT OF CURVATURE OF A CURVE BEING CONCAVE TO THE RIGHT, HAVING A RADIUS OF 25.00 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 43°51'10" EAST, 34.94 FEET; THENCE NORTHERLY ALONG THE ARC OF SAID CURVE 38.60 FEET TO THE POINT OF TANGENCY; THENCE NORTH 88°11'19" EAST, 293.07 FEET; THENCE SOUTH 00°28'58" EAST, 584.99 FEET; THENCE SOUTH 88°11'19" WEST, 401.19 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PROPERTY IS NOT THE HOMESTEAD PROPERTY OF THE GRANTORS.

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

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

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

(X) Single Family Dwelling
( ) Farm Outbuilding
( ) Two-Family Residence
( ) Other_____

NEW CONSTRUCTION OR IMPROVEMENT

(X) New Construction
( ) Addition, Alteration, Modification or other Improvement

I Randal L. Geiger, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Randal L. Geiger 9-24-07
Owner Builder Signature Date

SANDRA L. TURKE
Notary Public - State of Florida
My Commission Expires Jun 14, 2008
Commission # DD328667
Bonded By National Notary Assn.

The above signer is personally known to me or produced identification FL DL G260732494550

Notary Signature Sandra L Turke Date 9-24-2007 (Stamp / Seal)

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date_____ Building Official/Representative_____

Truss Design Index Sheet*

Project Identification
Name: Mr. & Mrs. Randal Geiger
Address: 2095 N Berkley Rd
City/County: Avon Park, FL 33825-9282

Truss Manufacture Information
Name: SpaceJoist TE, LLC
Address 1: PO Box 276
Address 2: 1720 Beltline RD
City/State: Dyersville, IA 52040

Design Information
Job Load: 40 TCLL 10 TCDL 0 BCLL 5 BCDL psf
Wind Load: See Individual Design Drawings
Snow Load: See Individual Design Drawings
Bldg Code: Florida Code 2004 - Residential
Dsgn Code: ANSI/TPI 1 - 2002
Software: TrusPlus T6.5.61

Structural Engineer of Record
No Structural Engineer of Record

Truswal ID: T289510.J315520

Work Order
WO: geigerbuilding071114
CUST: Randal L Geiger Building Contactor LL

Truss Design Engineer
Name: Bradley E. Morris
Address: 220 Westway Place, Suite 200
City/State: Arlington, Texas 76018
License No.: Florida 58488

1/23/2008
I hereby verify that this document was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer. This document is no longer valid if any modifications are made to it.

Table of Contents

 * FLORIDA ADMINISTRATIVE CODE 61G15-31.003 section 5

Engineering eJob
1/23/2008

Truss Engineer Design Responsibilities

The engineer's signature on this design certifies that the individual component depicted, if built with the materials and to the placements and tolerances specified, will bear the loads shown on the drawing. Users of the component are responsible for determining that any as-built component conforms to the design. The loading and dimensions specified have been provided by others and have not been verified by the signing engineer. The building designer is responsible for determining that the dimensions and loads for each component match those required by the plans and by the actual use of the individual component. The building designer is responsible for ascertaining that the loads shown on the designs meet or exceed applicable building code requirements and any additional factors required in the particular application. The engineer's seal on the attached component designs indicates acceptance of professional engineering responsibility solely for the design of the individual component assuming that the loading and dimension requirements are as represented to the engineer. The suitability and use of this component for any particular building is the responsibility of the building designer in accordance with ANSI/TPI 1-2002 Chapter 2. The engineer certifying this component is not responsible for anything beyond the specific scope of work set forth above, including but not limited to, the loading factors used in the design of the component, the dimensions of the component, the transfer of lateral loads from the roof and/or forward to the shear walls down to the foundation, connection of the components to the bearing support, the design of the bearing supports, the design and connection to the shear walls, the design of temporary or permanent building bracing required in the roof and/or floor systems, transfer of vertical loads down to the foundation, the design of the foundation or analysis in connection with the roof and/or floor diaphragms of the building. This is a high quality facsimile of the original engineering document. A wet or embossed seal copy of this engineering document is available upon request.

Truswal Systems Corporation
220 Westway Pl. Suite 200
Arlington, TX 76018
800-521-9790

Engineering eJob
1/23/2008

Required Details*

Other Available Details*

ftp://140:truswal@ftp.truswal.com/DesignsDetails/CO/AltBrace.pdf
ftp://140:truswal@ftp.truswal.com/DesignsDetails/CO/EvaluationReport1607.pdf

***Sealed versions of these details are available upon request.**

Truswal Systems Corporation
220 Westway Pl. Suite 200
Arlington, TX 76018
800-521-9790

Job Name:

Truss ID: TE3212-10

Qty: 1

BRG	X-LOC	REACT	SIZE	REQ'D
1	0- 1-12	550	3.50"	1.50"
2	9-10- 4	550	3.50"	1.50"

BRG REQUIREMENTS shown are based ONLY on the truss material at each bearing
MAX DEFLECTION (span) :
L/999 MEM 13-14 (LIVE) LC 3
L= -0.10" D= -0.02" T= -0.13"

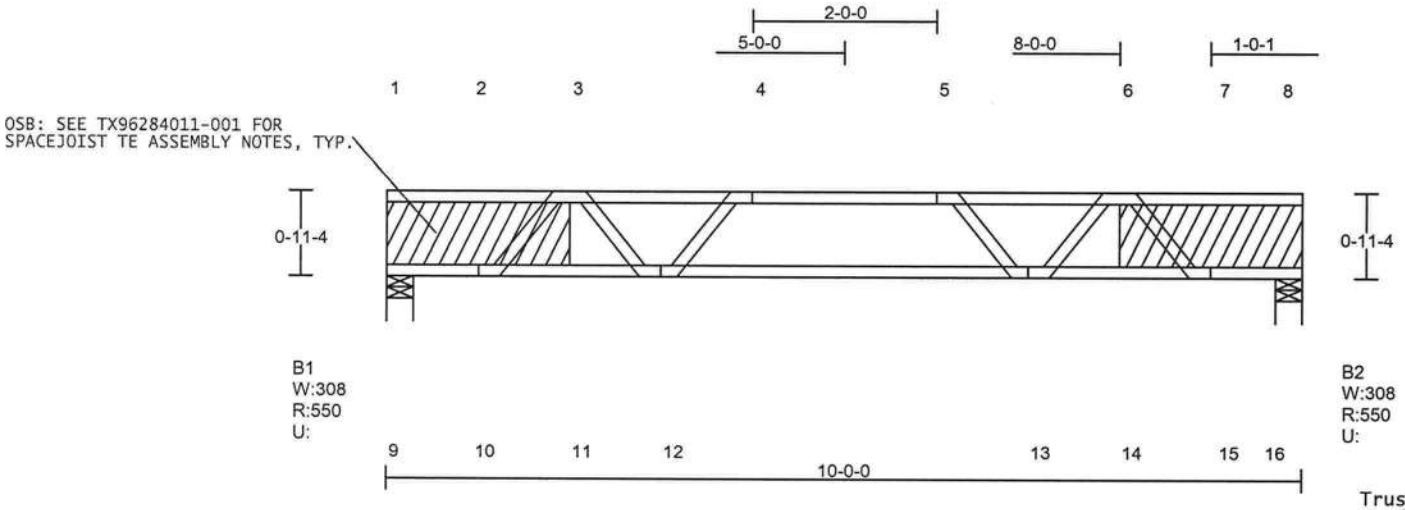
TC 3x2 SPF C1650F1.5E
BC 3x2 SPF C1650F1.5E
METAL WEBS V2-12
I V2-12 12-4 5-13
V2 SPACEJOIST METAL WEB TRUSS DESIGN!
** THIS TRUSS IS TRIMMABLE. **
UP TO 12" MAY BE FIELD-TRIMMED FROM EITHER END OF ORIGINAL 10-0-0 LENGTH OF THE TRUSS
IRC/IBC truss plate values are based on testing and approval as required by IBC 1703 and ANSI/TPI and are reported in available documents as ER-1607 and ESR-1118.

☒ If rigid sheathing is not directly attached to the bottom chord, adequate lateral bracing may be required (by others). For floor applications, 2x6 strongback bridging is required, at 10'-0" O.C. or less. Refer to ANSI/TPI 1-2002 sect. 7.5.2.4.
Designed per ANSI/TPI 1-2002
This design does not account for long term time dependent loading (creep). Building Designer must account for this.
THIS DESIGN IS THE COMPOSITE RESULT OF MULTIPLE LOAD CASES.

SEE TX96284011-001 FOR SPACEJOIST TE ASSEMBLY AND GENERAL NOTES

Panel Lengths :
Std = 0-9-0

2-3	0-11-4	3-4	1-11-4
5-6	1-11-4	6-7	0-11-4



Truswal Systems Corporation
Bradley E. Morris, P.E.
220 Westway Place, Suite 200
Arlington, Texas 76018
Florida License No. 58488
Date: 1/23/2008

All connector plates are Truswal 20 ga. or Wave 20 ga., unless preceded by "HS" for HS 20 ga., "S" for SS 18 ga. from Alpine; or preceded by "MX" for TWMX 20 ga. or "H" for 16 ga. from Truswal, positioned per Joint Detail Reports. Circled plates and false frame plates are positioned as shown above. Shift gable stud plates to avoid overlap with structural plates (or staple).

TRUSWAL SYSTEMS
ITW Building Components Group, Inc.
220 Westway Place, Suite 200, Arlington, TX 76018
TRUSPLUS 6.0 VER: T6.5.61

Cust: Randal L Geiger Building Contactor LL
WO: Drive_C_geigerbuilding071114_L00005_J00001
Dsgnr: #LC = 4 WT: 32#

TC Live	40.00 psf	LiveDur	L=1.00 P=1.00
TC Snow(Ps)	0.00 psf	SnowDur	L=1.15 P=1.15
TC Dead	10.00 psf	Rep Mbr Bnd / Comp / Tens	1.15 / 1.10 / 1.10
BC Live	0.00 psf	O.C.Spacing	2- 0- 0
BC Dead	5.00 psf		
Bldg Code:	FBC2004R	DEFL RATIO:	L/360 TC: L/360

Job Name:

Truss ID: TE3212-12

Qty: 1

BRG	X-LOC	REACT	SIZE	REQ'D
1	0- 1-12	660	3.50"	1.50"
2	11-10- 4	660	3.50"	1.50"

BRG REQUIREMENTS shown are based ONLY on the truss material at each bearing
MAX DEFLECTION (span) :
L/802 MEM 14-15 (LIVE) LC 4
L= -0.18" D= -0.05" T= -0.23"

TC 3x2 SPF C1650F1.5E
BC 3x2 SPF C1650F1.5E
METAL WEBS V2-12
I V2-12 15-5 6-16

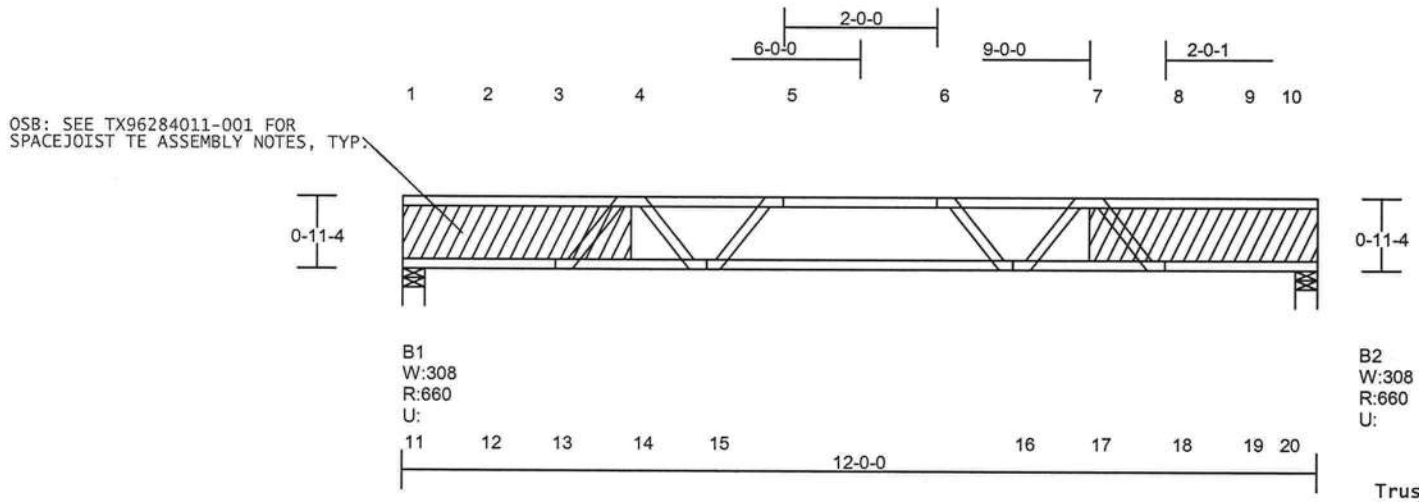
+ +
V2 SPACEJOIST METAL WEB TRUSS DESIGN!
+ +
** THIS TRUSS IS TRIMMABLE. **
UP TO 12" MAY BE FIELD-TRIMMED FROM EITHER END OF ORIGINAL 12-0-0 LENGTH OF THE TRUSS
+ +
IRC/IBC truss plate values are based on testing and approval as required by IBC 1703 and ANSI/TPI and are reported in available documents as ER-1607 and ESR-1118.

☒ If rigid sheathing is not directly attached to the bottom chord, adequate lateral bracing may be required (by others). For floor applications, 2x6 strongback bridging is required, at 10'-0" O.C. or less. Refer to ANSI/TPI 1-2002 sect. 7.5.2.4.
Designed per ANSI/TPI 1-2002
This design does not account for long term time dependent loading (creep). Building Designer must account for this.
THIS DESIGN IS THE COMPOSITE RESULT OF MULTIPLE LOAD CASES.

SEE TX96284011-001 FOR SPACEJOIST TE ASSEMBLY AND GENERAL NOTES

Panel Lengths :
Std = 0-9-12

3-4	0-11-4	4-5	1-11-4
6-7	1-11-4	7-8	0-11-4



Truswal Systems Corporation
Bradley E. Morris, P.E.
220 Westway Place, Suite 200
Arlington, Texas 76018
Florida License No. 58488
Date: 1/23/2008

All connector plates are Truswal 20 ga. or Wave 20 ga., unless preceded by "HS" for HS 20 ga., "S" for SS 18 ga. from Alpine; or preceded by "MX" for TWMX 20 ga. or "H" for 16 ga. from Truswal, positioned per Joint Detail Reports. Circled plates and false frame plates are positioned as shown above. Shift gable stud plates to avoid overlap with structural plates (or staple).

TRUSWAL SYSTEMS
ITW Building Components Group, Inc.
220 Westway Place, Suite 200, Arlington, TX 76018
TRUSPLUS 6.0 VER: T6.5.61

WARNING Read all notes on this sheet and give a copy of it to the Erecting Contractor.

This design is for an individual building component not truss system. It has been based on specifications provided by the component manufacturer and done in accordance with the current versions of TPI and AFPA design standards. No responsibility is assumed for dimensional accuracy. Dimensions are to be verified by the component manufacturer and/or building designer prior to fabrication. The building designer must ascertain that the loads utilized on this design meet or exceed the loading imposed by the local building code and the particular application. The design assumes that the top chord is laterally braced by the roof or floor sheathing and the bottom chord is laterally braced by a rigid sheathing material directly attached, unless otherwise noted. Bracing shown is for lateral support of components members only to reduce buckling length. This component shall not be placed in any environment that will cause the moisture content of the wood to exceed 19% and/or cause connector plate corrosion. Fabricate, handle, install and brace this truss in accordance with the following standards: 'Joint and Cutting Detail Reports' available as output from Truswal software, 'ANSI/TPI 1', 'WTCA 1' - Wood Truss Council of America Standard Design Responsibilities, 'BUILDING COMPONENT SAFETY INFORMATION' - (BCSI) and 'BCSI SUMMARY SHEETS' by WTCA and TPI. The Truss Plate Institute (TPI) is located at 218 N. Lee Street Suite 312, Alexandria, VA 22314. The American Forest and Paper Association (AFPA) is located at 1111 19th Street, NW, Ste 800, Washington, DC 20036.

Cust: Randal L Geiger Building Contactor LL
WO: Drive_C_geigerbuilding071114_L00005_J00001
Dsgnr: #LC = 4 WT: 39#

TC Live	40.00 psf	LiveDur	L=1.00 P=1.00
TC Snow(Ps)	0.00 psf	SnowDur	L=1.15 P=1.15
TC Dead	10.00 psf	Rep Mbr Bnd / Comp / Tens	1.15 / 1.10 / 1.10
BC Live	0.00 psf	O.C.Spacing	2- 0- 0
BC Dead	5.00 psf		
Bldg Code:	FBC2004R	DEFL RATIO:	L/360 TC: L/360

Job Name:

Truss ID: TE3212-14

Qty: 1

BRG	X-LOC	REACT	SIZE	REQ'D
1	0- 1-12	770	3.50"	1.50"
2	13-10- 4	770	3.50"	1.50"

BRG REQUIREMENTS shown are based ONLY on the truss material at each bearing
MAX DEFLECTION (span) :
L/690 MEM 15-16 (LIVE) LC 1
L= -0.24" D= -0.10" T= -0.34"

TC 3x2 SPF C2100F1.8E
BC 3x2 SPF C2100F1.8E
METAL WEBS V2-12
I V2-12 15-5 6-16

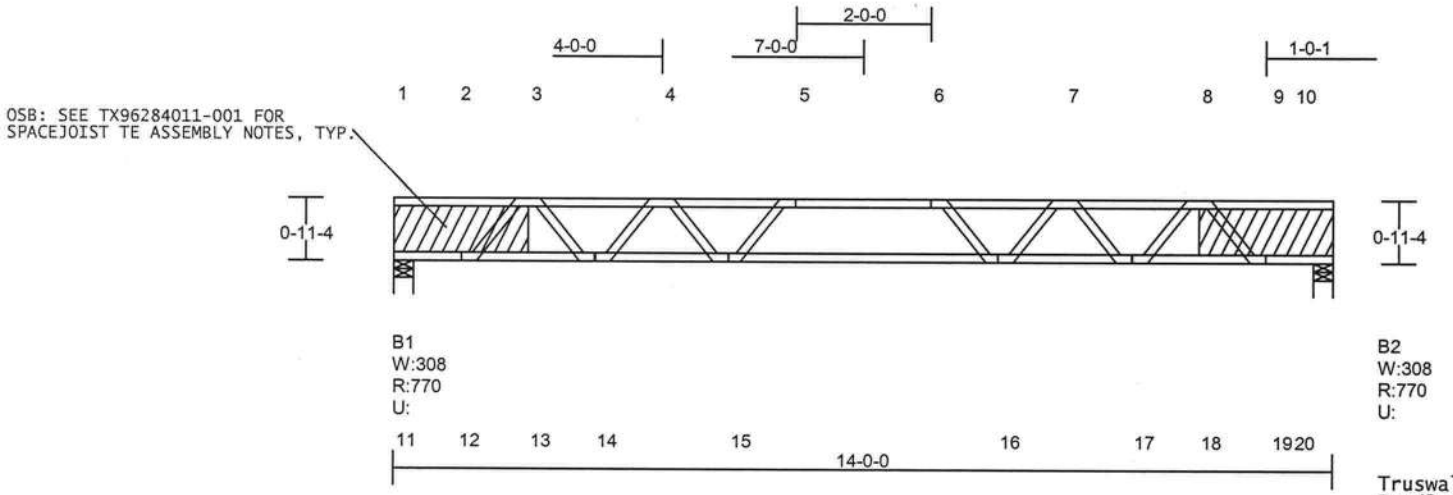
+ +
V2 SPACEJOIST METAL WEB TRUSS DESIGN!
+ +
** THIS TRUSS IS TRIMMABLE. **
UP TO 12" MAY BE FIELD-TRIMMED FROM EITHER END OF ORIGINAL 14-0-0 LENGTH OF THE TRUSS
+ +
IRC/IBC truss plate values are based on testing and approval as required by IBC 1703 and ANSI/TPI and are reported in available documents as ER-1607 and ESR-1118.

☒ If rigid sheathing is not directly attached to the bottom chord, adequate lateral bracing may be required (by others). For floor applications, 2x6 strongback bridging is required, at 10'-0" O.C. or less. Refer to ANSI/TPI 1-2002 sect. 7.5.2.4.
Designed per ANSI/TPI 1-2002
This design does not account for long term time dependent loading (creep). Building Designer must account for this.
THIS DESIGN IS THE COMPOSITE RESULT OF MULTIPLE LOAD CASES.

SEE TX96284011-001 FOR SPACEJOIST TE ASSEMBLY AND GENERAL NOTES

Panel Lengths :
Std = 0-9-0

2-3	0-11-4	3-4	1-11-4
4-5	2-0-0	6-7	2-0-0
7-8	1-11-4	8-9	0-11-4



All connector plates are Truswal 20 ga. or Wave 20 ga., unless preceded by "HS" for HS 20 ga., "S" for SS 18 ga. from Alpine; or preceded by "MX" for TWMX 20 ga. or "H" for 16 ga. from Truswal, positioned per Joint Detail Reports. Circled plates and false frame plates are positioned as shown above. Shift gable stud plates to avoid overlap with structural plates (or staple).

Truswal Systems Corporation
Bradley E. Morris, P.E.
220 Westway Place, Suite 200
Arlington, Texas 76018
Florida License No. 58488
Date: 1/23/2008

TRUSWAL SYSTEMS
ITW Building Components Group, Inc.
220 Westway Place, Suite 200, Arlington, TX 76018
TRUSPLUS 6.0 VER: T6.5.61

WARNING ***Read all notes on this sheet and give a copy of it to the Erecting Contractor.***

This design is for an individual building component not truss system. It has been based on specifications provided by the component manufacturer and done in accordance with the current versions of TPI and AFPA design standards. No responsibility is assumed for dimensional accuracy. Dimensions are to be verified by the component manufacturer and/or building designer prior to fabrication. The building designer must ascertain that the loads utilized on this design meet or exceed the loading imposed by the local building code and the particular application. The design assumes that the top chord is laterally braced by the roof or floor sheathing and the bottom chord is laterally braced by a rigid sheathing material directly attached, unless otherwise noted. Bracing shown is for lateral support of components members only to reduce buckling length. This component shall not be placed in any environment that will cause the moisture content of the wood to exceed 19% and/or cause connector plate corrosion. Fabricate, handle, install and brace this truss in accordance with the following standards: 'Joint and Cutting Detail Reports' available as output from Truswal software, 'ANSI/TPI 1', 'WTCA 1' - Wood Truss Council of America Standard Design Responsibilities, 'BUILDING COMPONENT SAFETY INFORMATION' - (BCSI) and 'BCSI SUMMARY SHEETS' by WTCA and TPI. The Truss Plate Institute (TPI) is located at 218 N. Lee Street Suite 312, Alexandria, VA 22314. The American Forest and Paper Association (AFPA) is located at 1111 19th Street, NW, Ste 800, Washington, DC 20036.

Cust: Randal L Geiger Building Contactor LL
WO: Drive_C_geigerbuilding071114_L00005_J00001
Dsgnr: #LC = 4 WT: 44#

TC Live	40.00 psf	LiveDur	L=1.00 P=1.00
TC Snow(Ps)	0.00 psf	SnowDur	L=1.15 P=1.15
TC Dead	10.00 psf	Rep Mbr Bnd / Comp / Tens	
BC Live	0.00 psf		1.15 / 1.10 / 1.10
BC Dead	5.00 psf	O.C.Spacing	2- 0- 0
Bldg Code:	FBC2004R	DEFL RATIO:	L/360 TC: L/360

Job Name:

Truss ID: TE3212-16

Qty: 1

BRG	X-LOC	REACT	SIZE	REQ'D
1	0- 1-12	880	3.50"	1.50"
2	15-10- 4	880	3.50"	1.50"

BRG REQUIREMENTS shown are based ONLY on the truss material at each bearing
MAX DEFLECTION (span) :
L/464 MEM 18-19 (LIVE) LC 1
L= -0.41" D= -0.17" T= -0.58"

TC 3x2 SPF C2100F1.8E
BC 3x2 SPF C2100F1.8E
METAL WEBS V2-12
I V2-12 18-6 7-19

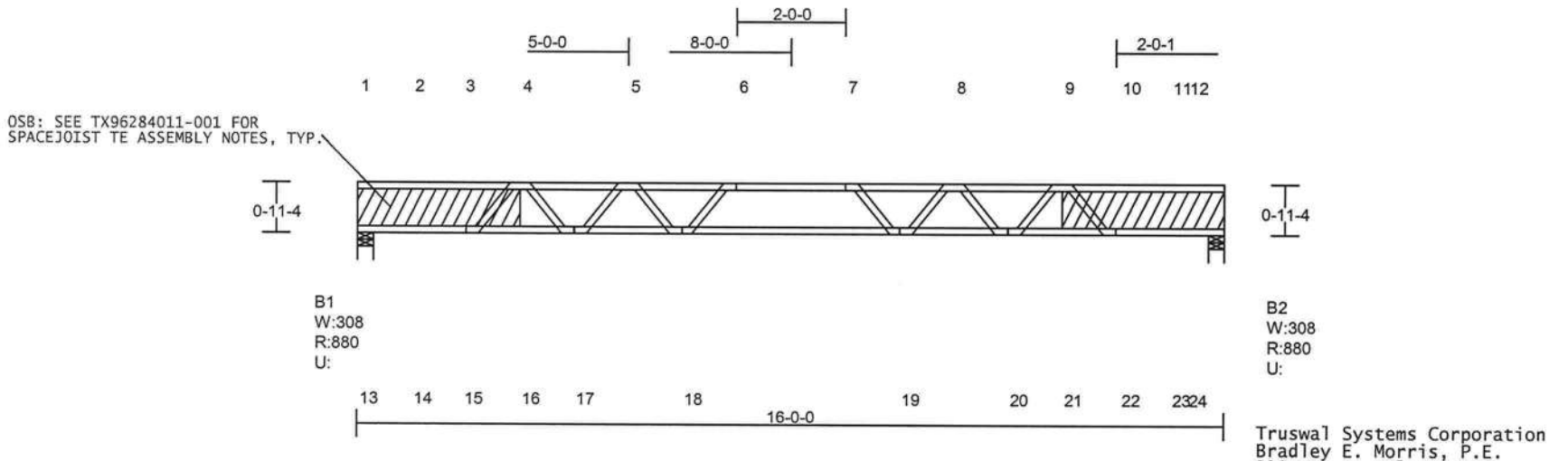
+ +
V2 SPACEJOIST METAL WEB TRUSS DESIGN!
+ +
** THIS TRUSS IS TRIMMABLE. **
UP TO 12" MAY BE FIELD-TRIMMED FROM EITHER END OF ORIGINAL 16-0-0 LENGTH OF THE TRUSS
+ +
IRC/IBC truss plate values are based on testing and approval as required by IBC 1703 and ANSI/TPI and are reported in available documents as ER-1607 and ESR-1118.

☒ If rigid sheathing is not directly attached to the bottom chord, adequate lateral bracing may be required (by others). For floor applications, 2x6 strongback bridging is required, at 10'-0" O.C. or less. Refer to ANSI/TPI 1-2002 sect. 7.5.2.4.
Designed per ANSI/TPI 1-2002
This design does not account for long term time dependent loading (creep). Building Designer must account for this.
THIS DESIGN IS THE COMPOSITE RESULT OF MULTIPLE LOAD CASES.

SEE TX96284011-001 FOR SPACEJOIST TE ASSEMBLY AND GENERAL NOTES

Panel Lengths :
Std = 0-9-12

3-4	0-11-4	4-5	1-11-4
5-6	2-0-0	7-8	2-0-0
8-9	1-11-4	9-10	0-11-4



All connector plates are Truswal 20 ga. or Wave 20 ga., unless preceded by "HS" for HS 20 ga., "S" for SS 18 ga. from Alpine; or preceded by "MX" for TWMX 20 ga. or "H" for 16 ga. from Truswal, positioned per Joint Detail Reports. Circled plates and false frame plates are positioned as shown above. Shift gable stud plates to avoid overlap with structural plates (or staple).

Truswal Systems Corporation
Bradley E. Morris, P.E.
220 Westway Place, Suite 200
Arlington, Texas 76018
Florida License No. 58488
Date: 1/23/2008

TRUSWAL SYSTEMS
ITW Building Components Group, Inc.
220 Westway Place, Suite 200, Arlington, TX 76018
TRUSPLUS 6.0 VER: T6.5.61

WARNING *Read all notes on this sheet and give a copy of it to the Erecting Contractor.*

This design is for an individual building component not truss system. It has been based on specifications provided by the component manufacturer and done in accordance with the current versions of TPI and AFPA design standards. No responsibility is assumed for dimensional accuracy. Dimensions are to be verified by the component manufacturer and/or building designer prior to fabrication. The building designer must ascertain that the loads utilized on this design meet or exceed the loading imposed by the local building code and the particular application. The design assumes that the top chord is laterally braced by the roof or floor sheathing and the bottom chord is laterally braced by a rigid sheathing material directly attached, unless otherwise noted. Bracing shown is for lateral support of components members only to reduce buckling length. This component shall not be placed in any environment that will cause the moisture content of the wood to exceed 19% and/or cause connector plate corrosion. Fabricate, handle, install and brace this truss in accordance with the following standards: 'Joint and Cutting Detail Reports' available as output from Truswal software, 'ANSI/TPI 1', 'WTCA 1' - Wood Truss Council of America Standard Design Responsibilities, 'BUILDING COMPONENT SAFETY INFORMATION' - (BCSI) and 'BCSI SUMMARY SHEETS' by WTCA and TPI. The Truss Plate Institute (TPI) is located at 218 N. Lee Street Suite 312, Alexandria, VA 22314. The American Forest and Paper Association (AFPA) is located at 1111 19th Street, NW, Ste 800, Washington, DC 20036.

Cust: Randal L Geiger Building Contactor LL
WO: Drive_C_geigerbuilding071114_L00005_J00001
Dsgnr: #LC = 4 WT: 51#

TC Live	40.00 psf	LiveDur	L=1.00 P=1.00
TC Snow(Ps)	0.00 psf	SnowDur	L=1.15 P=1.15
TC Dead	10.00 psf	Rep Mbr Bnd / Comp / Tens	
BC Live	0.00 psf		1.15 / 1.10 / 1.10
BC Dead	5.00 psf	O.C.Spacing	2- 0- 0
Bldg Code:	FBC2004R	DEFL RATIO:	L/360 TC: L/360

Job Name:

Truss ID: TE3212-18

Qty: 1

BRG	X-LOC	REACT	SIZE	REQ'D
1	0-10-12	905	3.50"	1.50"
2	17- 1- 4	909	3.50"	1.50"

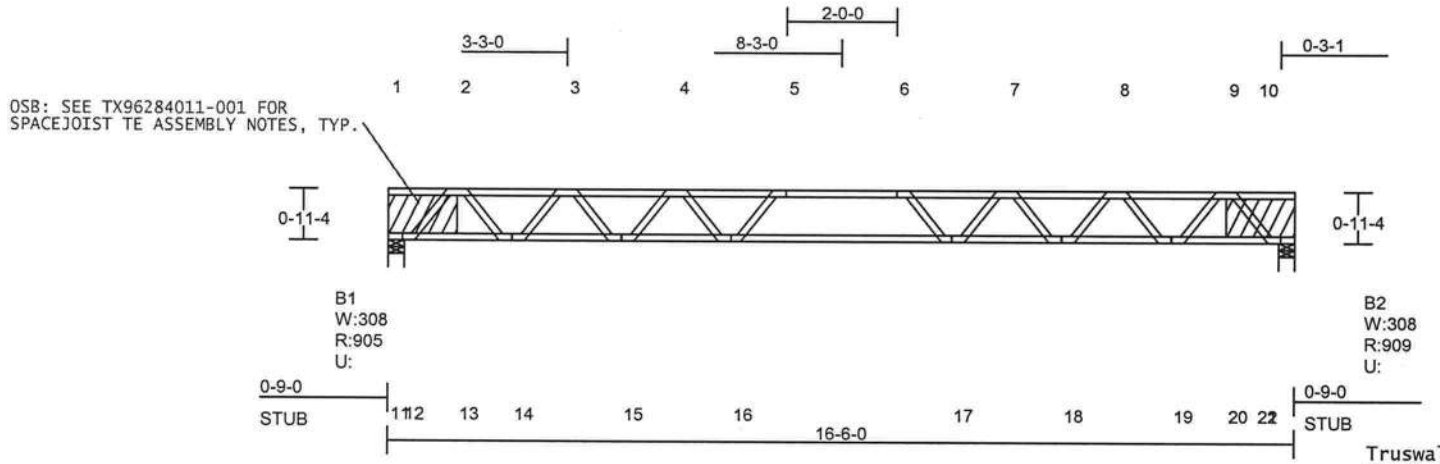
BRG REQUIREMENTS shown are based ONLY on the truss material at each bearing
MAX DEFLECTION (span) :
L/425 MEM 16-17 (LIVE) LC 1
L= -0.46" D= -0.19" T= -0.64"

TC 3x2 SPF C2100F1.8E
BC 3x2 SPF C2100F1.8E
METAL WEBS V2-12
I V2-12 16-5 6-17
Lumber shear allowables are per NDS.
+ +
V2 SPACEJOIST METAL WEB TRUSS DESIGN!
+ +
THIS TRUSS MUST BE TRIMMED SYMMETRICALLY
** 0-9-0 OR MORE UP TO 12" ON EACH END **
+ +
IRC/IBC truss plate values are based on testing and approval as required by IBC 1703 and ANSI/TPI and are reported in available documents as ER-1607 and ESR-1118.

☒ If rigid sheathing is not directly attached to the bottom chord, adequate lateral bracing may be required (by others). For floor applications, 2x6 strongback bridging is required, at 10'-0" O.C. or less. Refer to ANSI/TPI 1-2002 sect. 7.5.2.4.
Designed per ANSI/TPI 1-2002
This design does not account for long term time dependent loading (creep). Building Designer must account for this.
THIS DESIGN IS THE COMPOSITE RESULT OF MULTIPLE LOAD CASES.

SEE TX96284011-001 FOR SPACEJOIST TE ASSEMBLY AND GENERAL NOTES

Panel Lengths :
Std = 2-0-0
1-2 1-0-12 2-3 1-11-4
8-9 1-11-4 9-10 1-0-12



Truswal Systems Corporation
Bradley E. Morris, P.E.
220 Westway Place, Suite 200
Arlington, Texas 76018
Florida License No. 58488
Date: 1/23/2008

All connector plates are Truswal 20 ga. or Wave 20 ga., unless preceded by "HS" for HS 20 ga., "S" for SS 18 ga. from Alpine; or preceded by "MX" for TWMX 20 ga. or "H" for 16 ga. from Truswal, positioned per Joint Detail Reports. Circled plates and false frame plates are positioned as shown above. Shift gable stud plates to avoid overlap with structural plates (or staple).

TRUSWAL SYSTEMS
Building Components Group, Inc.
220 Westway Place, Suite 200, Arlington, TX 76018

TRUSPLUS 6.0 VER: T6.5.61

WARNING ***Read all notes on this sheet and give a copy of it to the Erecting Contractor.***

Cust: Randal L Geiger Building Contactor LL
WO: Drive_C_geigerbuilding071114_L00005_J00001
Dsgnr: #LC = 4 WT: 49#

TC Live	40.00 psf	LiveDur	L=1.00 P=1.00
TC Snow(Ps)	0.00 psf	SnowDur	L=1.15 P=1.15
TC Dead	10.00 psf	Rep Mbr Bnd / Comp / Tens	
BC Live	0.00 psf		1.15 / 1.10 / 1.10
BC Dead	5.00 psf	O.C.Spacing	2- 0- 0
Bldg Code:	FBC2004R	DEFL RATIO:	L/360 TC: L/360

Job Name:

Truss ID: TE3212-22

Qty: 1

BRG	X-LOC	REACT	SIZE	REQ'D
1	0-10-12	562	3.50"	1.50"
2	21- 1- 4	565	3.50"	1.50"

BRG REQUIREMENTS shown are based ONLY on the truss material at each bearing
MAX DEFLECTION (span) :
L/444 MEM 19-20 (LIVE) LC 1
L= -0.55" D= -0.21" T= -0.76"

TC 3x2 SPF C2100F1.8E
BC 3x2 SPF C2100F1.8E
METAL WEBS V2-12
1 V2-12 19-6 7-20

V2 SPACEJOIST METAL WEB TRUSS DESIGN!

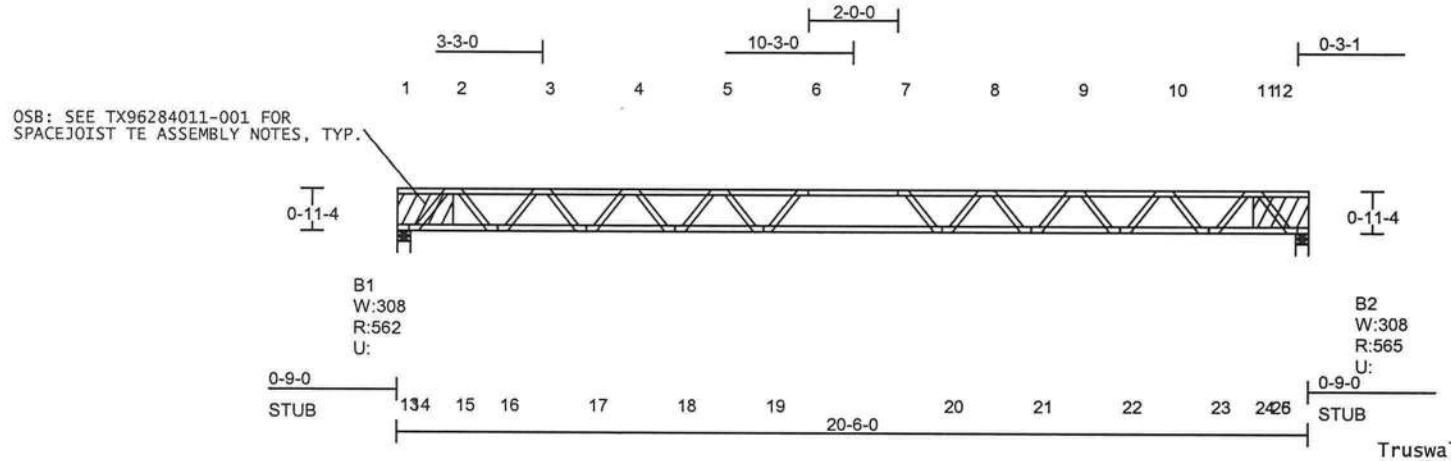
THIS TRUSS MUST BE TRIMMED SYMMETRICALLY
** 0-9-0 OR MORE UP TO 12" ON EACH END **

THIS DESIGN IS THE COMPOSITE RESULT OF MULTIPLE LOAD CASES.

☒ If rigid sheathing is not directly attached to the bottom chord, adequate lateral bracing may be required (by others). For floor applications, 2x6 strongback bridging is required, at 10'-0" O.C. or less. Refer to ANSI/TPI 1-2002 sect. 7.5.2.4.
Designed per ANSI/TPI 1-2002
This design does not account for long term time dependent loading (creep). Building Designer must account for this.
NOTE:MAXIMIMUM TRUSS SPACING IS 12.0 " O.C.
IRC/IBC truss plate values are based on testing and approval as required by IBC 1703 and ANSI/TPI and are reported in available documents as ER-1607 and ESR-1118.

SEE TX96284011-001 FOR SPACEJOIST TE ASSEMBLY AND GENERAL NOTES

Panel Lengths :
Std = 2-0-0
1-2 1-0-12 2-3 1-11-4
10-11 1-11-4 11-12 1-0-12



Truswal Systems Corporation
Bradley E. Morris, P.E.
220 Westway Place, Suite 200
Arlington, Texas 76018
Florida License No. 58488
Date: 1/23/2008

All connector plates are Truswal 20 ga. or Wave 20 ga., unless preceded by "HS" for HS 20 ga., "S" for SS 18 ga. from Alpine; or preceded by "MX" for TWMX 20 ga. or "H" for 16 ga. from Truswal, positioned per Joint Detail Reports. Circled plates and false frame plates are positioned as shown above. Shift gable stud plates to avoid overlap with structural plates (or staple).

TRUSWAL SYSTEMS
Building Components Group, Inc.
220 Westway Place, Suite 200, Arlington, TX 76018

TRUSPLUS 6.0 VER: T6.5.61

WARNING ***Read all notes on this sheet and give a copy of it to the Erecting Contractor.***

This design is for an individual building component not truss system. It has been based on specifications provided by the component manufacturer and done in accordance with the current versions of TPI and AFPA design standards. No responsibility is assumed for dimensional accuracy. Dimensions are to be verified by the component manufacturer and/or building designer prior to fabrication. The building designer must ascertain that the loads utilized on this design meet or exceed the loading imposed by the local building code and the particular application. The design assumes that the top chord is laterally braced by the roof or floor sheathing and the bottom chord is laterally braced by a rigid sheathing material directly attached, unless otherwise noted. Bracing shown is for lateral support of components members only to reduce buckling length. This component shall not be placed in any environment that will cause the moisture content of the wood to exceed 19% and/or cause connector plate corrosion. Fabricate, handle, install and brace this truss in accordance with the following standards: 'Joint and Cutting Detail Reports' available as output from Truswal software, 'ANSI/TPI 1', 'WTCA 1' - Wood Truss Council of America Standard Design Responsibilities, 'BUILDING COMPONENT SAFETY INFORMATION' - (BCSI) and 'BCSI SUMMARY SHEETS' by WTCA and TPI. The Truss Plate Institute (TPI) is located at 218 N. Lee Street Suite 312, Alexandria, VA 22314. The American Forest and Paper Association (AFPA) is located at 1111 19th Street, NW, Ste 800, Washington, DC 20036.

Cust: Randal L Geiger Building Contactor LL
WO: Drive_C_geigerbuilding071114_L00005_J00001
Dsgnr: #LC = 4 WT: 61#

TC Live	40.00 psf	LiveDur	L=1.00 P=1.00
TC Snow(Ps)	0.00 psf	SnowDur	L=1.15 P=1.15
TC Dead	10.00 psf	Rep Mbr Bnd / Comp / Tens	1.15 / 1.10 / 1.10
BC Live	0.00 psf		
BC Dead	5.00 psf	O.C.Spacing	1- 0- 0
Bldg Code:	FBC2004R	DEFL RATIO:	L/360 TC: L/360

Job Name:

Truss ID: TE3212-8

Qty: 1

BRG	X-LOC	REACT	SIZE	REQ'D
1	0- 1-12	440	3.50"	1.50"
2	7-10- 4	440	3.50"	1.50"

BRG REQUIREMENTS shown are based ONLY on the truss material at each bearing
MAX DEFLECTION (span) :
L/999 MEM 11-12 (LIVE) LC 4
L= -0.04" D= -0.01" T= -0.06"

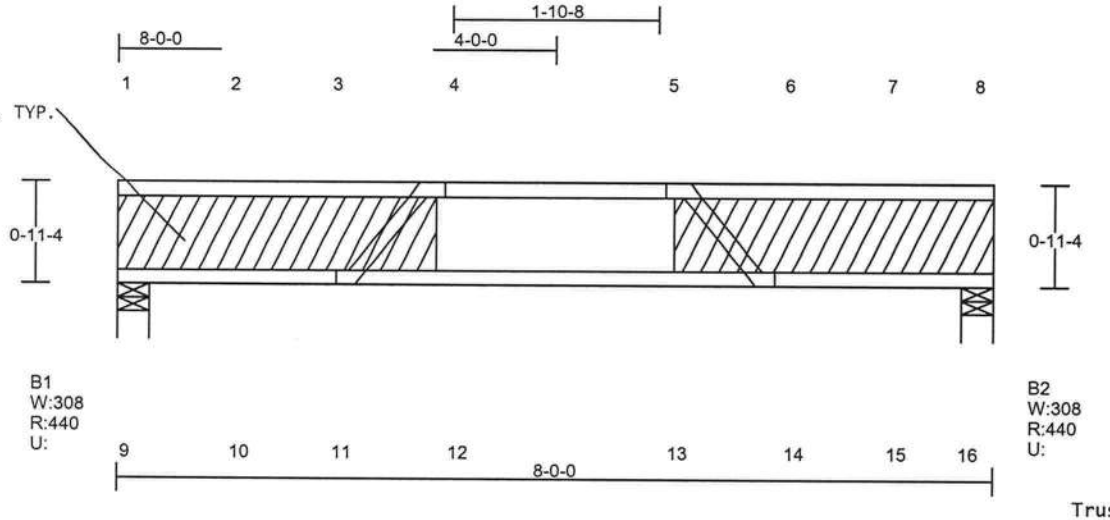
TC 3x2 SPF C1650F1.5E
BC 3x2 SPF C1650F1.5E
METAL WEBS V2-12
I V2-12 11-4 5-14

V2 SPACEJOIST METAL WEB TRUSS DESIGN!
** THIS TRUSS IS TRIMMABLE. **
UP TO 12" MAY BE FIELD-TRIMMED FROM EITHER END OF ORIGINAL 8-0-0 LENGTH OF THE TRUSS
IRC/IBC truss plate values are based on testing and approval as required by IBC 1703 and ANSI/TPI and are reported in available documents as ER-1607 and ESR-1118.

☒ If rigid sheathing is not directly attached to the bottom chord, adequate lateral bracing may be required (by others). For floor applications, 2x6 strongback bridging is required, at 10'-0" O.C. or less. Refer to ANSI/TPI 1-2002 sect. 7.5.2.4.
Designed per ANSI/TPI 1-2002
This design does not account for long term time dependent loading (creep). Building Designer must account for this.
THIS DESIGN IS THE COMPOSITE RESULT OF MULTIPLE LOAD CASES.

SEE TX96284011-001 FOR SPACEJOIST TE ASSEMBLY AND GENERAL NOTES

Panel Lengths :
Std = 0-9-12
3-4 0-11-4 5-6 0-11-4



Truswal Systems Corporation
Bradley E. Morris, P.E.
220 Westway Place, Suite 200
Arlington, Texas 76018
Florida License No. 58488
Date: 1/23/2008

All connector plates are Truswal 20 ga. or Wave 20 ga., unless preceded by "HS" for HS 20 ga., "S" for SS 18 ga. from Alpine; or preceded by "MX" for TWMX 20 ga. or "H" for 16 ga. from Truswal, positioned per Joint Detail Reports. Circled plates and false frame plates are positioned as shown above. Shift gable stud plates to avoid overlap with structural plates (or staple).

TRUSWAL SYSTEMS
ITW Building Components Group, Inc.
220 Westway Place, Suite 200, Arlington, TX 76018
TRUSPLUS 6.0 VER: T6.5.61

WARNING ***Read all notes on this sheet and give a copy of it to the Erecting Contractor.***

Cust: Randal L Geiger Building Contactor LL
WO: Drive_C_geigerbuilding071114_L0000S_J00001
Dsgnr: #LC = 4 WT: 28#

TC Live	40.00 psf	LiveDur	L=1.00 P=1.00
TC Snow(Ps)	0.00 psf	SnowDur	L=1.15 P=1.15
TC Dead	10.00 psf	Rep Mbr Bnd / Comp / Tens	1.15 / 1.10 / 1.10
BC Live	0.00 psf	O.C.Spacing	2- 0- 0
BC Dead	5.00 psf		
Bldg Code:	FBC2004R	DEFL RATIO:	L/360 TC: L/360

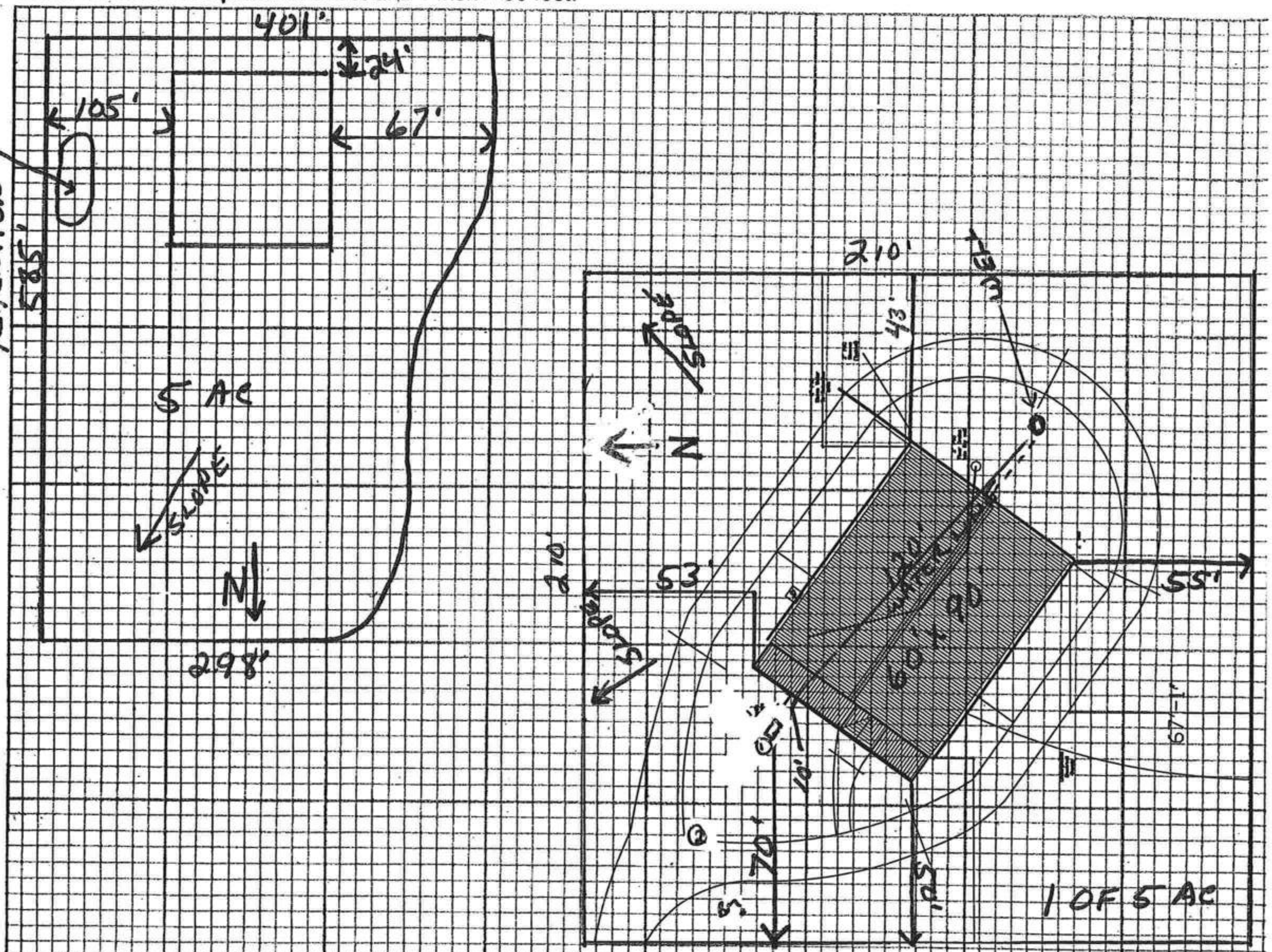
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0310

PART II - SITE PLAN

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



Notes: ____________________

Site Plan submitted by: Randal [signature] Signature   OWNER Title

Plan Approved X   APPROVED   Not Approved ______   Date 12-5-07

By [signature]   Columbia CHD   County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)

NOTICE OF COMMENCEMENT

Inst 200812008559 Date 5/2/2008 Time 9:43 AM
DC,P DeWitt Cason,Columbia County Page 1 of 1 B 1149 P 1087

Tax Parcel Identification Number 16-65-16-03832-220

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT.**

1. Description of property *(legal description)*: Lot 20 Spring Run Sec. 16, Twnship 65, Range 16E
   a) Street *(job)* Address: 863 SW Henderson Terr., Ft. White, FL. 32038
2. General description of improvements: Construct single family residence

3. Owner Information
   a) Name and address: Randal L. & Mary E. Geiger
   2095 N. Berkley Road, Avon Park, FL. 33825
   b) Name and address of fee simple titleholder (if other than owner) N/A
   c) Interest in property Owners
4. Contractor Information
   a) Name and address: Owner RANDAL L GEIGER, 2095 N BERKLEY RD., AVON PARK, FL 33825
   b) Telephone No.: 863-873-7002 Fax No. (Opt.)
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond:
   c) Telephone No.: Fax No. (Opt.)
6. Lender N/A
   a) Name and address:
   b) Phone No.
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: Same as owner
   b) Telephone No.: Fax No. (Opt.)

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name and address: N/A
   b) Telephone No.: Fax No. (Opt.)

9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified):**

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Randal L Geiger
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

RANDAL L. GEIGER
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 24th day of September, 20 07, by:
Randal L. Geiger as (type of authority, e.g. officer, trustee, attorney fact) for (name of party on behalf of whom instrument was executed).

Personally Known ____ OR Produced Identification ✓ Type DL G260 732 44 550

Notary Signature Sandra L. Turke Notary Stamp or Seal:

SANDRA L. TURKE
Notary Public - State of Florida
My Commission Expires Jun 14, 2008
Commission # DD328667
Bonded By National Notary Assn.

—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Randal L Geiger
Signature of Natural Person Signing (in line #10 above.)

FORM 600A-2004R EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**geiger**	Builder:	**geiger**
Address:		Permitting Office:	Columbia Co.
City, State:	,	Permit Number:	26994
Owner:		Jurisdiction Number:	221000
Climate Zone:	**Central**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	2	
4.	Number of Bedrooms	2	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	3120 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	Description Area 7a (Sngle Default) 112.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 112.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 230.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Concrete, Int Insul, Exterior	R=5.7, 1640.0 ft²	
b.	Frame, Wood, Adjacent	R=11.0, 910.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 3120.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH(Sealed):Garage	Sup. R=6.0, 20.0 ft	
b.	Sup: Unc. Ret: Unc. AH(Sealed):Garage	Sup. R=6.0, 20.0 ft	

12.	Cooling systems		
a.	Central Unit/Split	Cap: 16.0 kBtu/hr	
		SEER: 13.00	
b.	Central Unit/Split	Cap: 16.0 kBtu/hr	
		SEER: 13.00	
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump/Split	Cap: 16.0 kBtu/hr	
		HSPF: 8.50	
b.	Electric Heat Pump/Split	Cap: 16.0 kBtu/hr	
		HSPF: 8.50	
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons	
		EF: 0.97	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	CF,	

Glass/Floor Area: 0.04

Total as-built points: 23991
Total base points: 29452

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: 11/27/07

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 89.0

The higher the score, the more efficient the home.

1.	New construction or existing		New	12.	Cooling systems	
2.	Single family or multi-family		Single family	a.	Central Unit/Split	Cap: 16.0 kBtu/hr
3.	Number of units, if multi-family		2			SEER: 13.00
4.	Number of Bedrooms		2	b.	Central Unit/Split	Cap: 16.0 kBtu/hr
5.	Is this a worst case?		Yes			SEER: 13.00
6.	Conditioned floor area (ft²)		3120 ft²	c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description	Area	13.	Heating systems	
	(or Single or Double DEFAULT)	7a	(Sngle Default) 112.0 ft²	a.	Electric Heat Pump/Split	Cap: 16.0 kBtu/hr
b.	SHGC:					HSPF: 8.50
	(or Clear or Tint DEFAULT)	7b.	(Clear) 112.0 ft²	b.	Electric Heat Pump/Split	Cap: 16.0 kBtu/hr
8.	Floor types					HSPF: 8.50
a.	Slab-On-Grade Edge Insulation		R=0.0, 230.0(p) ft	c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 40.0 gallons
a.	Concrete, Int Insul, Exterior		R=5.7, 1640.0 ft²			EF: 0.97
b.	Frame, Wood, Adjacent		R=11.0, 910.0 ft²	b.	N/A	
c.	N/A					
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic		R=30.0, 3120.0 ft²	15.	HVAC credits	CF,
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH(Sealed):Garage		Sup. R=6.0, 20.0 ft		MZ-C-Multizone cooling,	
b.	Sup: Unc. Ret: Unc. AH(Sealed):Garage		Sup. R=6.0, 20.0 ft		MZ-H-Multizone heating)	

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Residential Window Diversity

MidSummer

Project Title:
geiger

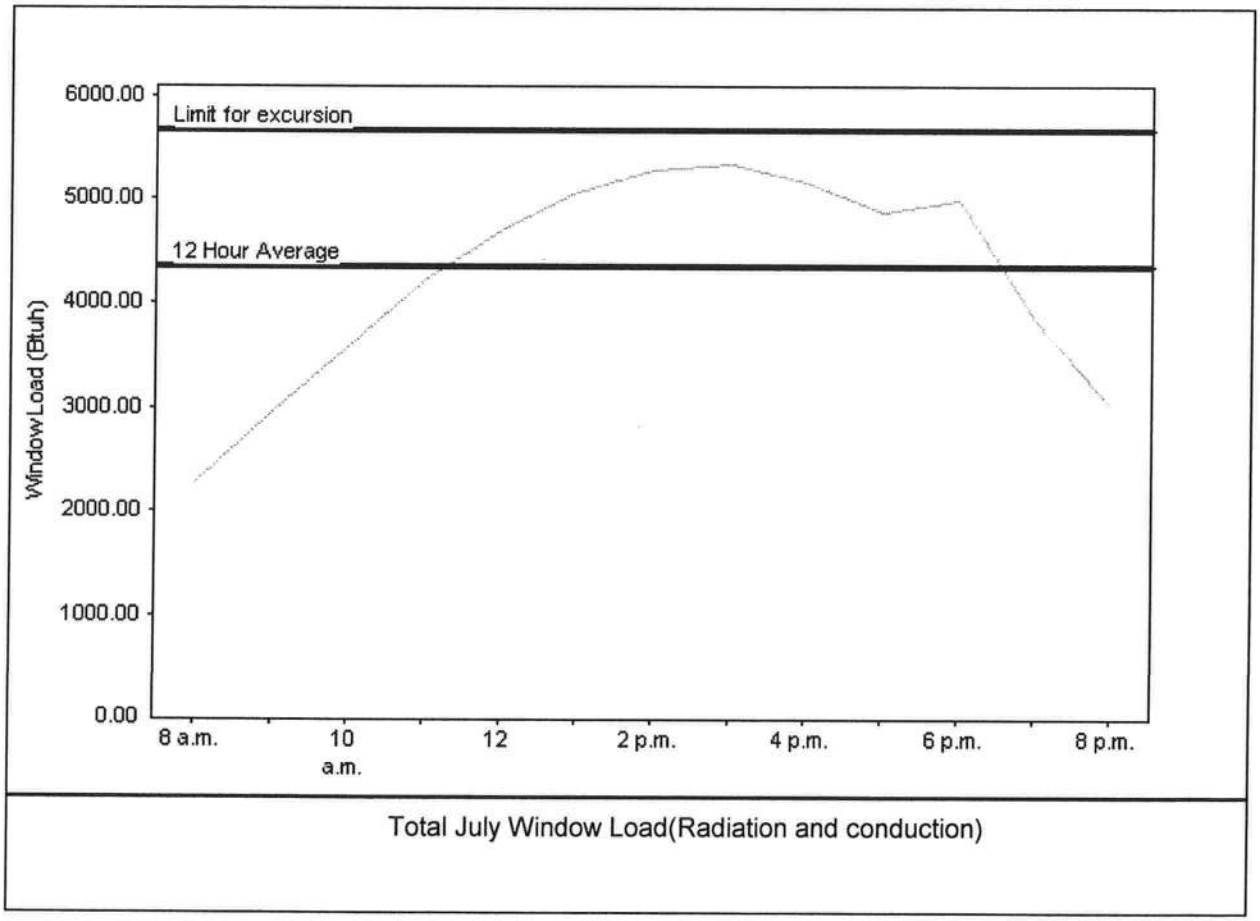
Code Only
Professional Version
Climate: Central

11/27/2007

Weather data for: Lakeland - Defaults

Summer design temperature	91 F	Average window load for July	4352 Btuh
Summer setpoint	75 F	Peak window load for July	5335 Btuh
Summer temperature difference	16 F	Excusion limit(130% of Ave.)	5658 Btuh
Latitude	28 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: _____
DATE: 11/27/07

Residential System Sizing Calculation

Summary

Project Title:
geiger

Code Only
Professional Version
Climate: Central

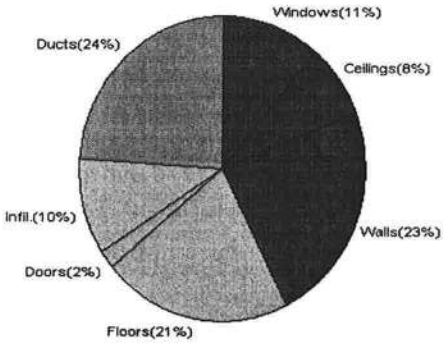
11/27/2007

Location for weather data: Lakeland - Defaults: Latitude(28) Altitude(214 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (76F) Humidity difference(49gr.)					
Winter design temperature	41	F	Summer design temperature	91	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	29	F	Summer temperature difference	16	F
Total heating load calculation	**36822**	**Btuh**	**Total cooling load calculation**	**31384**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	86.9	32000	Sensible (SHR = 0.75)	88.2	24000
Heat Pump + Auxiliary(0.0kW)	86.9	32000	Latent	192.2	8000
			Total (Electric Heat Pump)	102.0	32000

WINTER CALCULATIONS

Winter Heating Load (for 3120 sqft)

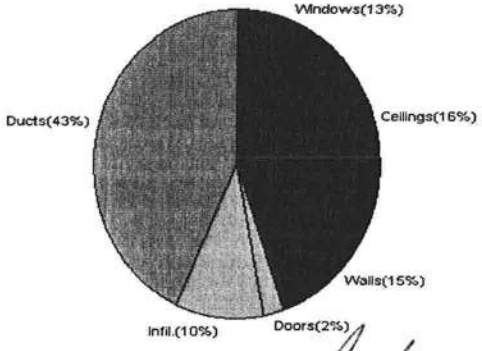
Load component			Load	
Window total	112	sqft	4125	Btuh
Wall total	2550	sqft	8633	Btuh
Door total	74	sqft	751	Btuh
Ceiling total	3120	sqft	2882	Btuh
Floor total	230	sqft	7871	Btuh
Infiltration	116	cfm	3691	Btuh
Duct loss			8869	Btuh
Subtotal			**36822**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**36822**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 3120 sqft)

Load component			Load	
Window total	112	sqft	4067	Btuh
Wall total	2550	sqft	4827	Btuh
Door total	74	sqft	699	Btuh
Ceiling total	3120	sqft	5068	Btuh
Floor total			0	Btuh
Infiltration	62	cfm	1091	Btuh
Internal gain			0	Btuh
Duct gain			11471	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**27222**	**Btuh**
Latent gain(ducts)			2096	Btuh
Latent gain(infiltration)			2065	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			0	Btuh
Total latent gain			**4161**	**Btuh**
TOTAL HEAT GAIN			**31384**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 11/27/07

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Project Title:
geiger

Code Only
Professional Version
Climate: Central

Reference City: Lakeland (Defaults) Summer Temperature Difference: 16.0 F 11/27/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	1, Clear, 1.27, None,N,N	SW	2ft.	0ft.	16.0	16.0	0.0	36	73	581 Btuh
2	1, Clear, 1.27, None,N,N	SW	2ft.	0ft.	16.0	16.0	0.0	36	73	581 Btuh
3	1, Clear, 1.27, None,N,N	SW	2ft.	0ft.	16.0	16.0	0.0	36	73	581 Btuh
4	1, Clear, 1.27, None,N,N	SW	2ft.	0ft.	16.0	16.0	0.0	36	73	581 Btuh
5	1, Clear, 1.27, None,N,N	SW	2ft.	0ft.	16.0	16.0	0.0	36	73	581 Btuh
6	1, Clear, 1.27, None,N,N	SE	2ft.	0ft.	16.0	16.0	0.0	36	73	581 Btuh
7	1, Clear, 1.27, None,N,N	SE	2ft.	0ft.	16.0	16.0	0.0	36	73	581 Btuh
	Window Total				112 (sqft)					4067 Btuh
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load
1	Concrete Blk, - Ext		5.7/0.13		1640.0			2.1		3445 Btuh
2	Frame - Wood - Adj		11.0/0.09		910.0			1.5		1381 Btuh
	Wall Total				2550 (sqft)					4827 Btuh
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Adjacent				17.0			9.4		161 Btuh
2	Insulated - Adjacent				17.0			9.4		161 Btuh
3	Insulated - Exterior				40.0			9.4		378 Btuh
	Door Total				74 (sqft)					699 Btuh
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load
1	Vented Attic/DarkShingle		30.0		3120.0			1.6		5068 Btuh
	Ceiling Total				3120 (sqft)					5068 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab On Grade		0.0		230 (ft(p))			0.0		0 Btuh
	Floor Total				230.0 (sqft)					0 Btuh
						Envelope Subtotal:				14660 Btuh
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)	CFM=		Load
	SensibleNatural		0.15		24960		2550	116.5		1091 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			0	X	230	+		0		0 Btuh
						Sensible Envelope Load:				15751 Btuh
Duct load						(DGM of 0.728)				11471 Btuh
						Sensible Load All Zones				**27222 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
geiger

Code Only
Professional Version
Climate: Central

11/27/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**15751**	**Btuh**
	Sensible Duct Load	11471	Btuh
	Total Sensible Zone Loads	**27222**	**Btuh**
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
	Total sensible gain	**27222**	**Btuh**
	Latent infiltration gain (for 49 gr. humidity difference)	2065	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	2096	Btuh
	Latent occupant gain (0 people @ 200 Btuh per person)	0	Btuh
	Latent other gain	0	Btuh
	Latent total gain	**4161**	**Btuh**
	TOTAL GAIN	**31384**	**Btuh**

EQUIPMENT

1. Central Unit/Split	#(Outside) #(Inside)	16000 Btuh
2. Central Unit/Split	#(Outside) #(Inside)	16000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Project Title:
geiger

Code Only
Professional Version
Climate: Central

Reference City: Lakeland (Defaults) Winter Temperature Difference: 29.0 F

11/27/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	SW	16.0	36.8	589 Btuh
2	1, Clear, Metal, 1.27	SW	16.0	36.8	589 Btuh
3	1, Clear, Metal, 1.27	SW	16.0	36.8	589 Btuh
4	1, Clear, Metal, 1.27	SW	16.0	36.8	589 Btuh
5	1, Clear, Metal, 1.27	SW	16.0	36.8	589 Btuh
6	1, Clear, Metal, 1.27	SE	16.0	36.8	589 Btuh
7	1, Clear, Metal, 1.27	SE	16.0	36.8	589 Btuh
	Window Total		112(sqft)		4125 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Concrete Blk, - Ext(0.13)	5.7	1640	3.7	6130 Btuh
2	Frame - Wood - Adj(0.09)	11.0	910	2.8	2504 Btuh
	Wall Total		2550		8633 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		17	10.1	173 Btuh
2	Insulated - Adjacent		17	10.1	173 Btuh
3	Insulated - Exterior		40	10.1	406 Btuh
	Door Total		74		751Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	3120	0.9	2882 Btuh
	Ceiling Total		3120		2882Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	230.0 ft(p)	34.2	7871 Btuh
	Floor Total		230		7871 Btuh
			Envelope Subtotal:		24262 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.28	24960	2550 116.5	3691 Btuh
Ductload				(DLM of 0.317)	8869 Btuh
All Zones			**Sensible Subtotal All Zones**		**36822 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Project Title:
geiger

Code Only
Professional Version
Climate: Central

11/27/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	36822 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	36822 Btuh

EQUIPMENT

1. Electric Heat Pump/Split	#(Outside) #(Inside)	16000 Btuh
2. Electric Heat Pump/Split	#(Outside) #(Inside)	16000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

WILLIAM F. STUHRKE
FLORIDA P.E. #22150 12215 REBECCA'S RUN DR. WINTER GARDEN, FL. 34787
(407) 654-8733

FAX COVER SHEET

TO: R. L. GEIGER

FAX # (863) 453-2437

FROM: WILLIAM F. STUHRKE
FAX # (407) 654-8733

SUBJECT: ENGINEERING DIRECTION
CERTIFICATION OF FOUNDATION CAPABILITY

H/C via U.S. Mail

BILL

DATE: May 6, 2008

TIME: 2:30 PM

PAGE 1 OF 2 PAGES

WILLIAM F. STUHRKE, PhD, P.E.
FLORIDA P.E.#22150 12215 REBECCA'S RUN DR. WINTER GARDEN, FL. 34787
(407) 654-8733

COLUMBIA COUNTY BUILDING DIVISION
% Randal & Mary Geiger
2095 North Berkley Rd.
Avon Park, FL
33825

May 6, 2008

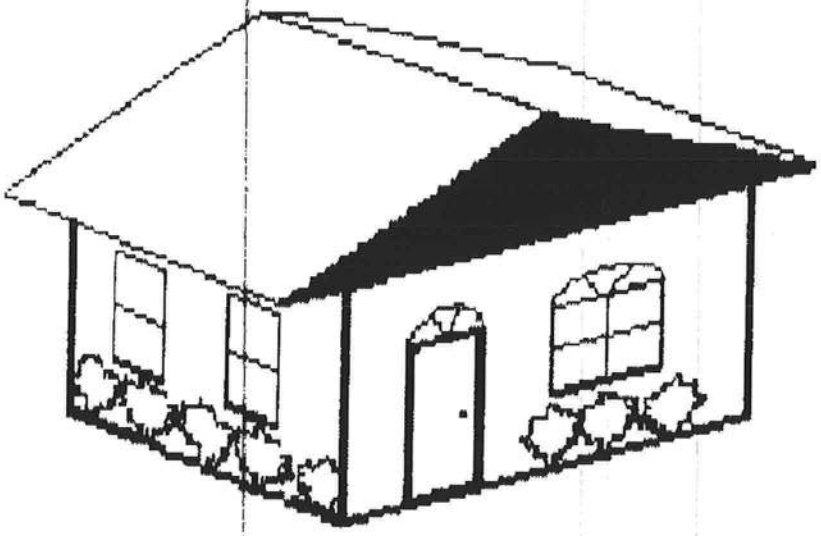
RE: METAL BUILDING STRUCTURE

ENGINEERING DIRECTION

The wall between the proposed metal building garage structure and the residence is to be a two hour rated firewall structure. This will increase the dead load on the existing bell footer foundation beneath this wall by approximately 200 pounds per foot. The proposed bell footer as reinforced with two #5 rebar has been designed with adequate capability to accommodate this additional dead load and as a result no change to the proposed bell footer is required.

William F. Stuhrke, PhD, P.E.
State of Florida
Professional Engineer # 22150

Randal L Geiger Building Contractor LLC



2095 N. Berkley Rd.
Avon Park, FL 33825
State Lic # CBC 033424
geigerr@yahoo.com
863-783-7002

Number of Pages
Including Cover 3

FAX COVER/TRANSMITTAL

Joe Haltiwanger RE: Application # 0805-01
Columbia County Building & Zoning
386-754-7080

This is a follow up to our telephone conversation this morning regarding the Structural Engineers certification of the firewall foundation.
Attached please find his response and advise if this will be acceptable. I will forward the signed and sealed hard copy as soon as it arrives in my mail.
Thanks for your diligence and assistance.
C-YA RL

Randal L and Mary E Geiger
2095 N. Berkley Rd.
Avon Park, FL 33825
863-453-7782 863-873-5431 863-873-7002

If you need additional or have questions please call my cell 863-873-7002.
Thanks in advance. C-YA RL

Alachua County, Board of County Commissioners
Department of Growth Management
10 SW 2nd Ave., Gainesville, Fl 32601
Tel. 352.374.5249, Fax. 352.338.3224
http://growth-management.alachua.fl.us

Submit Application to: **Building Division**

Tel. 352.374.5243
Fax. 352.491.4510

PRODUCT APPROVAL SPECIFICATION SHEET

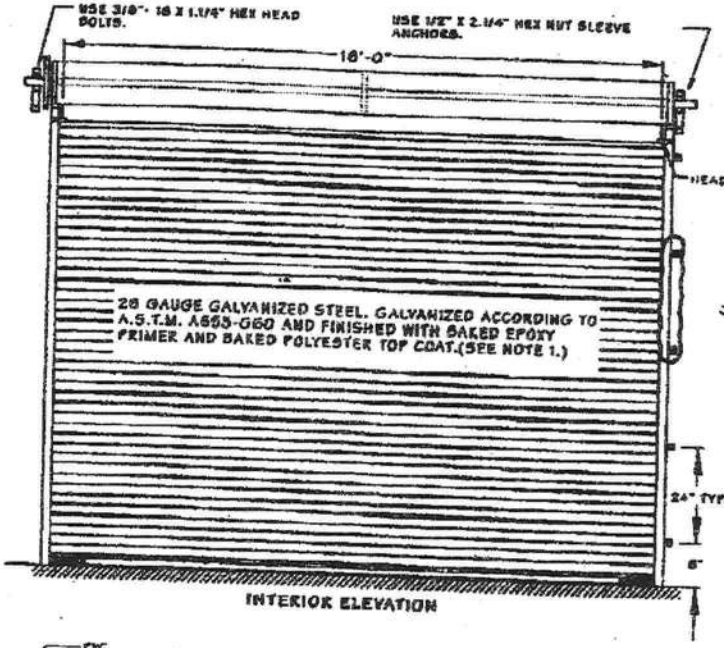
As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below. You can find product approval numbers at www.floridabuilding.org. First select "Product Approval". "Find a Product". Then select a category (product), select a manufacturer, and then search. **Please include the mfg's installation instructions in your package.**

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	CECO	HOLLOW METAL FRAMES w/ INSULATED STEEL DOORS 30x68 X 1.75	
B. SLIDING			
C. SECTIONAL			
D. ROLL UP	ASTA	COILING OVERHEAD DOOR	
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	AMERICAN CRAFTSMAN	VINYL INSULATED LOW E MOD. 2710	
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. DOUBLE HUNG	AMERICAN CRAFTSMAN	VINYL INSULATED LOW E MOD. ~~2710~~ 3900	
E. FIXED			
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. UNDERLAYMENTS			
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES & SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT-UP ROOFING ROOF SYSTEMS			
J. ROOFING SLATE			
K. LIQUID APPLIED ROOF SYSTEMS			
L. ROOF TILE ADHESIVE			
M. SPRAY APPLIED POLYURETHANE ROOF			
N. OTHER			
4. SKYLIGHTS			
5. NEW EXTERIOR ENVELOPE PRODUCTS			

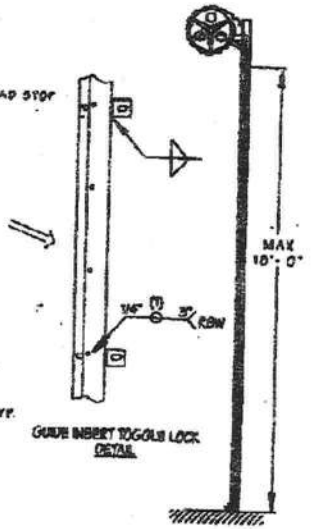
The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturer's installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Signature of Applicant Randal L. [illegible] **Date** 4-22-08

Form revised 5/24/2007. Downloadable from: http://growth-management.alachua.fl.us/formsdocs.php

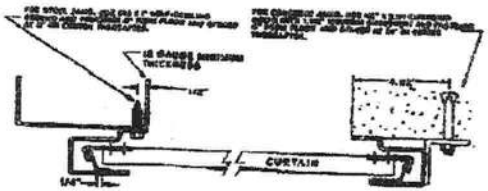


INTERIOR ELEVATION



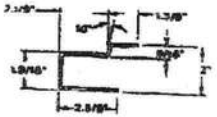
GUIDE INSERT TOGGLE LOCK DETAIL

SIDE ELEVATION

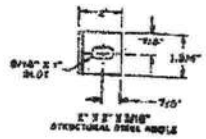


STEEL JAMB

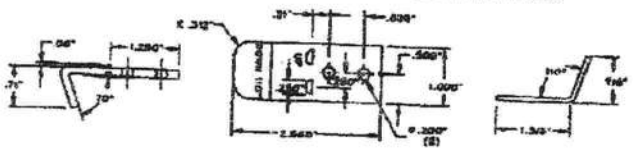
CONCRETE JAMB



(SEE NOTE 2.)

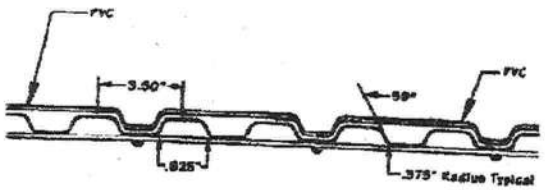


HEAVY DUTY GUIDE CLIP

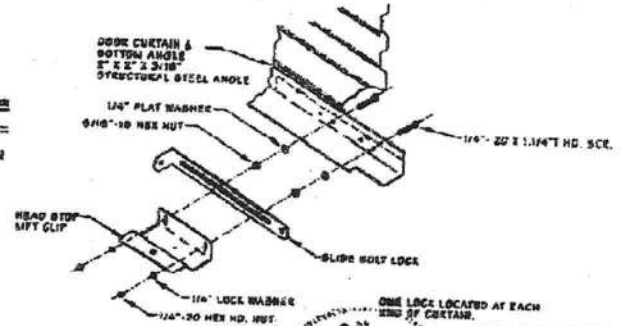


WIND-LOCK CLIP (SEE NOTE 4.)

GUIDE INSERT (SEE NOTE 3.)



CORRUGATED SHEET



NOTES:

1. STEEL FOR CORRUGATED SHEET ASTM-A653 WITH A MINIMUM YIELD STRENGTH OF 80 KSI AND TENSILE STRENGTH OF 82 KSI.(GRADE 80)
2. GUIDES ROLL FORMED (12) GAUGE (.110"-120")GALVANIZED STEEL.
3. GUIDE INSERT FORMED (12) GAUGE GALVANIZED STEEL.
4. (10) GAUGE GALVANIZED STEEL WINDLOCK CLIP FASTENED WITH TWO 5/16" X .440" POP RIVETS AT EVERY AVAILABLE CORRUGATION THAT DOES NOT HAVE A STAPLE OR LOCK-SEAM.

Reference CTL Test Report #1253W	Test Location: Certified Testing Laboratories 7252 Narcoossee Rd. Orlando, FL 32822

ASTA INDUSTRIES, INC.
WINDLOAD [PSF]
PER ASTM E 330

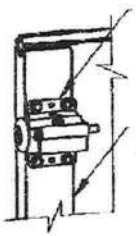
Design/Test pressures shown to be calculated in accordance with ASCE 7-98

DESIGN	+35.0 PSF	-35.0 PSF
TEST	+52.5 PSF	-52.5 PSF

MODEL 203 16' X 8' (18' max)

ASTA Door Corporation
4295 McIver Industrial Drive
P.O. Box 420
Acworth, Georgia 30101
(770) 974-2600 • (800) 423-0659
Fax: (770) 974-1455
E-Mail: info@astadoor.com
Website: www.astadoor.com

Details on some views may have been omitted for clarity.



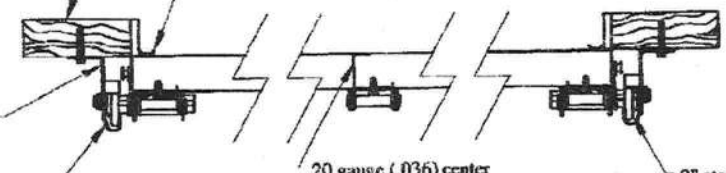
12 gauge (.095) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.

20 gauge (.036) end stile manufactured by C.H.I.

Strut, if applicable, not shown for clarity.

The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

2" x 7/16" (nominal) Stop molding required (not supplied by C.H.I.)

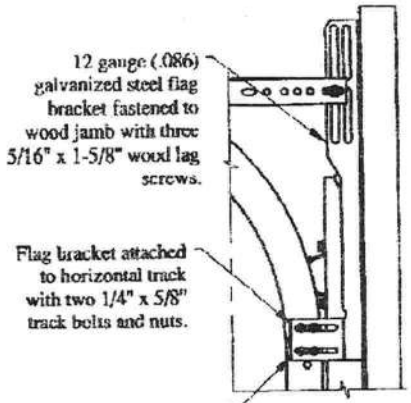


12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

20 gauge (.036) center stile manufactured by C.H.I.

2" steel roller

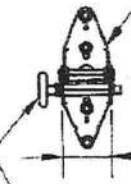
2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.



12 gauge (.086) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

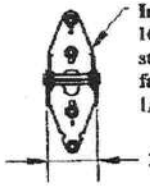
Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts.



End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.

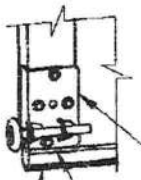
2" steel track roller.

2 3/4"



Intermediate Hinge
16 gauge (.058) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2 3/4"

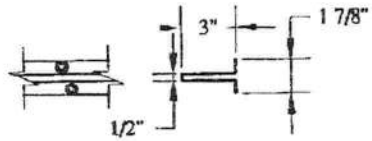


12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

Vinyl weatherstrip

Aluminum extrusion

3-1/2" (min.) stem

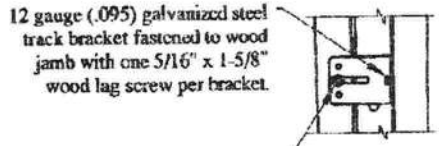


3"

1 7/8"

1/2"

20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.



12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.

Design Load: 12.4 pos / 13.8 neg
Test Load: 18.6 pos / 20.7 neg
page 2 of 2

Professional Engineer's seal provided only for verification of windload construction details

John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

C.H.I.	nts
	10-25-2005

Model 2250/51 (16'-0" wide)
C.H.I. Drawing: Z1-1607-01100

WILLIAM F. STUHRKE, PhD, P.E.

FLORIDA P.E.#22150 12215 REBECCA'S RUN DR. WINTER GARDEN, FL. 34787
(407) 654-8733

COLUMBIA COUNTY BUILDING DIVISION
% Randal & Mary Geiger
2095 North Berkley Rd.
Avon Park, FL
33825

May 6, 2008

RE: METAL BUILDING STRUCTURE

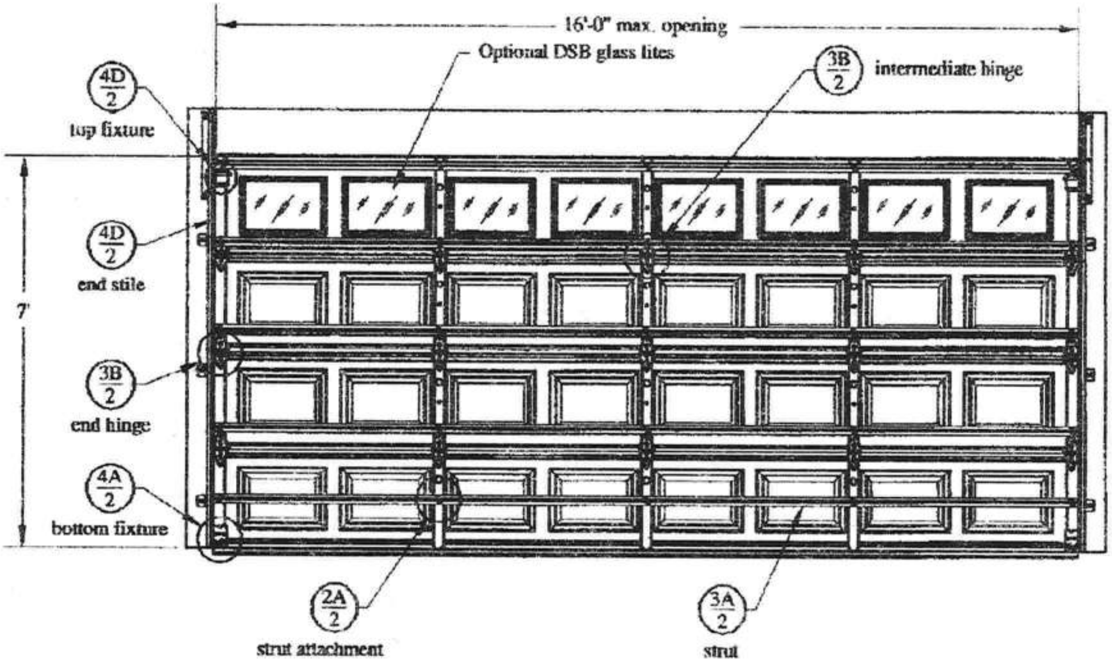
ENGINEERING DIRECTION

The wall between the proposed metal building garage structure and the residence is to be a two hour rated firewall structure. This will increase the dead load on the existing bell footer foundation beneath this wall by approximately 200 pounds per foot. The proposed bell footer as reinforced with two #5 rebar has been designed with adequate capability to accommodate this additional dead load and as a result no change to the proposed bell footer is required.

5/6/08

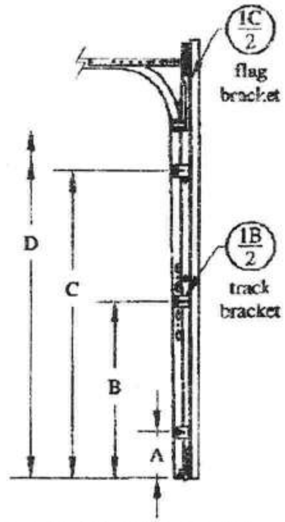
William F. Stuhrke, PhD, P.E.
State of Florida
Professional Engineer # 22150

Door Model	Gauge	Decimal
2250/2251	25	.0185
4250/4251	25	.0185
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225



door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	5	3
7'-6" to 8'-0"	5	6	4
8'-3" to 8'-9"	5	6	4
9'-0" to 10'-6"	6	7	5
10'-9" to 12'-3"	7	8	6
12'-6" to 14'-0"	8	9	7

Refer to Supplemental Instructions for strut placement on doors over 7'-0" high



Track Bracket Chart

track brackets		door height								
		6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
	D	n/a	n/a	n/a	77"	69"	72"	81"	84"	87"
	C	60"	63"	66"	58"	55"	58"	60"	63"	66"
	B	35"	35"	38"	34"	31"	34"	32"	35"	38"
	A	10"	7"	10"	10"	7"	10"	4"	7"	10"

Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

This door has been tested in accordance with ANSI/DASMA 108 2002
Design Pressure (DP): 12.4 pos / 13.8 neg
Test Pressure (TP): 18.6 pos / 20.7 neg

Per 2004 FBC Table 1609.6E, DP meets or exceeds basic wind speed of:
V = 90 MPH for Exposure B and mean roof height of 30' or less
V = 76 MPH for Exposure C and mean roof height of 30' or less

Maximum door size: 16'-0" wide by 14'-0" tall

Glazing and door have not been tested for windborne debris.

Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.

If door is not electrically operated, a lock must be installed.

Professional Engineer's seal provided only for verification of windload construction details

John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

FL 5519

C.H.I. — nts — 10-25-2005
Model 2250/51 (16'-0" wide)
C.H.I. Drawing: ZI-1607-01100

May 9, 2009

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

July 9, 2009

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

Oct 9, 2009

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

Jan 9, 2010

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

April 9, 2010

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

July 9, 2010

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

OCT 9, 2010

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

JAN 9, 2011

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

APR 9, 2011

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

JUL 9, 2011

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

OCTOBER 6, 2011

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

January 4, 2012

I am requesting the 90 day extensions as per your rules, on permit 26994. I am an owner builder and I currently live four hours away from Columbia County. I need the extensions as I was not able to complete my home in 12 months.

Thank you for your help in regards to my construction project.

Sincerely,

Randal Geiger

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya DR
City Lake City Phone 752-1703

Site Location: Subdivision
Lot # Block# Permit # 26994
Address 836 SW Henderson Ter. FT. White

Product used	Active Ingredient	% Concentration
☒ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
MB	4800		280

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

5/13/08 Date
12:30 Time
Guy Print Technician's Name

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

FEES:

ROAD IMPACT FEE $1,046.00 CODE 210 UNIT 1
10100003632400

EMS IMPACT FEE $29.88
10300003632210

FIRE PROTECTION IMPACT FEE $78.63
10200003632220

CORRECTIONS IMPACT FEE $409.16
00100003632200

SCHOOL IMPACT FEE $1,500.00
00100003632900

TOTAL FEES CHARGED $3,063.67 CHECK NUMBER _____