DATE 06/07/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025903

APPLICANT ROBERT KORN PHONE 386.454.8757

ADDRESS 1405 SW JACOB COURT FT. WHITE FL 32038

OWNER ROBERT KORN PHONE 386.454.8757

ADDRESS 1405 SW JACOB COURT FT. WHITE FL 32038

CONTRACTOR ROBERT KORN PHONE 386.454.8757

LOCATION OF PROPERTY 47-S TO C-138,TL TO RUM ISLAND,TR TO LANGELIER,TL AND IT'S
1.5 MILES TO JACOB CT @ INTERSECTION OF JACOB/LANGELIER ON R

TYPE DEVELOPMENT COTTAGE/UTILITY ESTIMATED COST OF CONSTRUCTION 48550.00

HEATED FLOOR AREA 971.00 TOTAL AREA 1240.00 HEIGHT 15.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 4'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 1 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 36-7S-16-04351-007 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 7.50

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
EXISTING	07-0337	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: POWER TO BE CONNECTED TO PRIMARY STRUCTURE. 1 FOOT ABOVE ROAD.

Check # or Cash 3831

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 $ 245.00 CERTIFICATION FEE $ 6.20 SURCHARGE FEE $ 6.20

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** 332.40

INSPECTORS OFFICE CLERKS OFFICE

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."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0705-39 Date Received 5/18/07 By CH Permit # 25903

Application Approved by - Zoning Official BLK Date 30.05.07 Plans Examiner OKJH Date 5-23-07

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

Comments Per survey Power to be connected to Primary Structure - NOC -

Applicants Name ROBERT KORN Phone 386-454-8757

Address 1405 SW JACOB CT, FT. WHITE, FL. 32038

Owners Name ROBERT KORN Phone 386-454-8757

911 Address 1405 SW JACOB CT, FT. WHITE FL 32038

Contractors Name - OWNER BUILD - Phone

Address

Fee Simple Owner Name & Address

Bonding Co. Name & Address NA

Architect/Engineer Name & Address NA

Mortgage Lenders Name & Address NA

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

Property ID Number 36-7S-16-04351-007 HX Estimated Cost of Construction $50,000

Subdivision Name Lot Block Unit Phase

Driving Directions 47S, TL CR138, TR RUM ISLAND TERR TO TL LANGELIER, 1.5 MILES TO "1405" SW JACOB CT. AT INTERSECTION OF JACOB CT + LANGELIER on right

Type of Construction SLAB ON GRADE, FRAME Cothse Number of Existing Dwellings on Property 1

Total Acreage 7.5+ Lot Size 210x1500 Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 760' Side 48' Side 98' Rear 680'

Total Building Height 15' Number of Stories 1 Heated Floor Area 971 TOTAL 1,240 Roof Pitch 4/12

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.

OWNERS AFFIDAVIT: 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.

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

LAURIE HODSON
MY COMMISSION # DD 315037
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 18 day of May 20 07.

Personally known ____ or Produced Identification ✓

Notary Signature

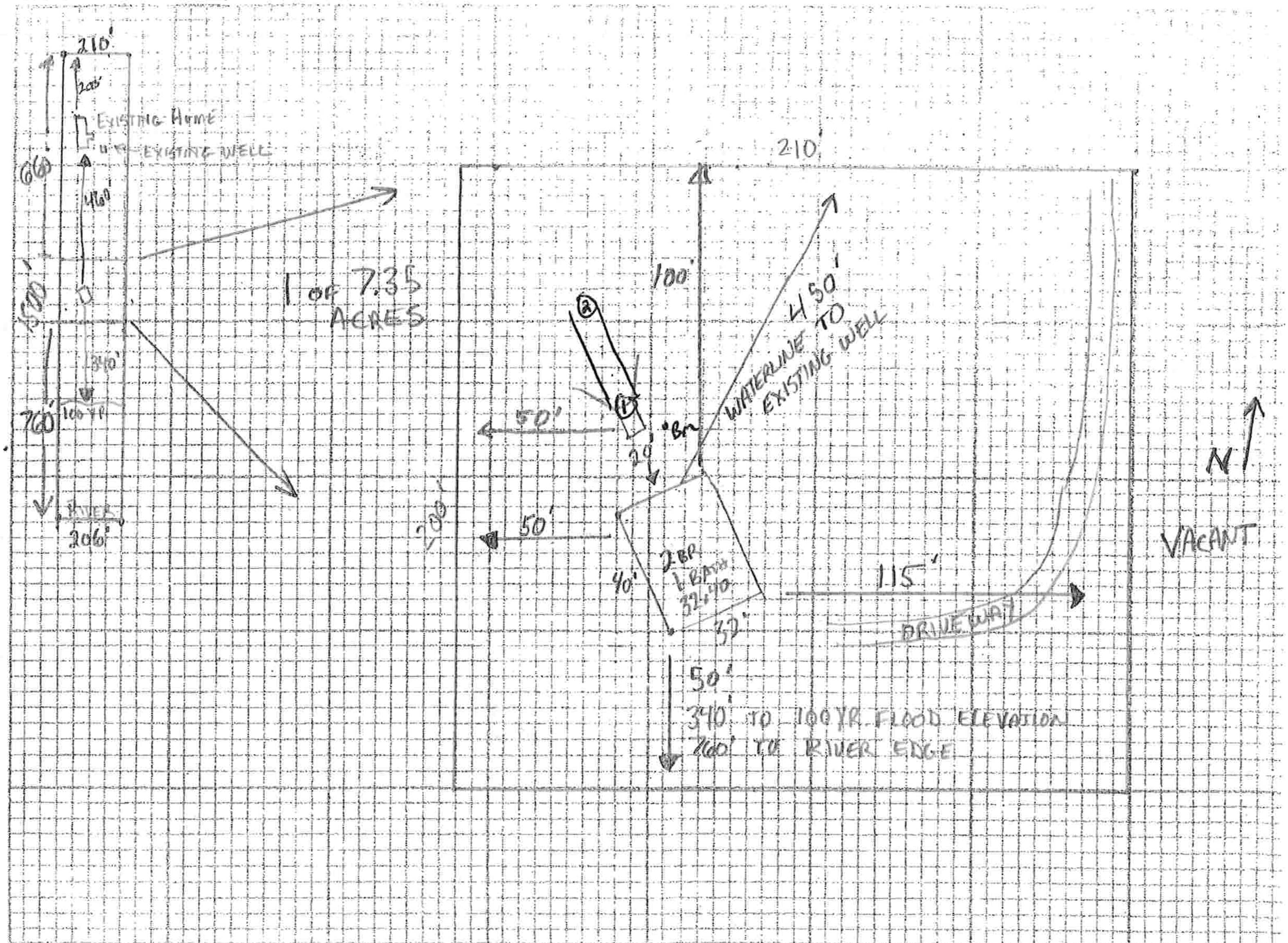
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0337

PART II - SITE PLAN

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



Notes: GUEST / MOTHER-IN-LAW SUITE - 971 SQ FT

ELEV PT → SITE 1

Site Plan submitted by: [signature] Signature OWNER Title

Plan Approved ✓ Not Approved ______ 5/15/07 Date 4-25-07

By [signature] Columbia County Health Departmer

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FORM 600A-2004R EnergyGauge® 0.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	CONSTRUCTION PLANS UNLIMITED - KORN RES	Builder:	
Address:		Permitting Office:	COLUMBIA
City, State:	,	Permit Number:	25903
Owner:		Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 14.00
4. Number of Bedrooms	1	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	971 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. (Dble Default) 102.0 ft²	a. Electric Heat Pump	Cap: 30.0 kBtu/hr
b. SHGC:			HSPF: 8.30
(or Clear or Tint DEFAULT)	7b. (Clear) 102.0 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 128.0(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. Frame, Wood, Exterior	R=13.0, 1024.0 ft²		EF: 0.89
b. N/A		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, 971.0 ft²	15. HVAC credits	
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: Interior	Sup, R=6.0, 186.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

Glass/Floor Area: 0.11 Total as-built points: 10591 Total base points: 12306 **PASS**

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

PREPARED BY: Karen Melton

DATE: 4-24-07

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.

FORM 600A-2004R EnergyGauge® 0.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	971.0	18.59	3249.0	1.Double, Clear	NE	0.0	0.0	30.0	29.56	1.00	886.0
				2.Double, Clear	SE	0.0	0.0	30.0	42.75	1.00	1282.0
				3.Double, Clear	SW	0.0	0.0	21.0	40.16	1.00	843.0
				4.Double, Clear	NW	0.0	0.0	21.0	25.97	1.00	545.0
				As-Built Total:				**102.0**			**3556.0**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	1024.0	1.50		1536.0
Exterior	1024.0	1.70	1740.8								
Base Total:	**1024.0**		**1740.8**	**As-Built Total:**				**1024.0**			**1536.0**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				20.0	4.10		82.0
Exterior	40.0	6.10	244.0	2.Exterior Wood				20.0	6.10		122.0
Base Total:	**40.0**		**244.0**	**As-Built Total:**				**40.0**			**204.0**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	971.0	1.73	1679.8	1. Under Attic			30.0	971.0	1.73 X 1.00		1679.8
Base Total:	**971.0**		**1679.8**	**As-Built Total:**				**971.0**			**1679.8**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	128.0(p)	-37.0	-4736.0	1. Slab-On-Grade Edge Insulation			0.0	128.0(p	-41.20		-5273.6
Raised	0.0	0.00	0.0								
Base Total:			**-4736.0**	**As-Built Total:**				**128.0**			**-5273.6**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	971.0	10.21	9913.9					971.0	10.21		9913.9

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE				
Summer Base Points: 12091.5				
Total Summer Points	X	System Multiplier	=	Cooling Points
12091.5		**0.3250**		**3929.8**

AS-BUILT										
Summer As-Built Points:										**11616.1**
Total Component (System - Points)	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
(sys 1: Central Unit 30000btuh ,SEER/EFF(14.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)										
11616		1.00		(1.09 x 1.147 x 0.91)		0.244		1.000		3221.8
11616.1		**1.00**		**1.138**		**0.244**		**1.000**		**3221.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE

GLASS TYPES

.18 X	Conditioned Floor Area	X BWPM	= Points
.18	971.0	20.17	3525.0

WALL TYPES	Area X	BWPM	= Points
Adjacent	0.0	0.00	0.0
Exterior	1024.0	3.70	3788.8
Base Total:	**1024.0**		**3788.8**

DOOR TYPES	Area X	BWPM	= Points
Adjacent	0.0	0.00	0.0
Exterior	40.0	12.30	492.0
Base Total:	**40.0**		**492.0**

CEILING TYPES	Area X	BWPM	= Points
Under Attic	971.0	2.05	1990.5
Base Total:	**971.0**		**1990.5**

FLOOR TYPES	Area X	BWPM	= Points
Slab	128.0(p)	8.9	1139.2
Raised	0.0	0.00	0.0
Base Total:			**1139.2**

INFILTRATION	Area X	BWPM	= Points
	971.0	-0.59	-572.9

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
1.Double, Clear	NE	0.0	0.0	30.0	23.57	1.00	707.0
2.Double, Clear	SE	0.0	0.0	30.0	14.71	1.00	441.0
3.Double, Clear	SW	0.0	0.0	21.0	16.74	1.00	351.0
4.Double, Clear	NW	0.0	0.0	21.0	24.30	1.00	510.0
As-Built Total:				**102.0**			**2009.0**

Type	R-Value	Area X	WPM	= Points
1. Frame, Wood, Exterior	13.0	1024.0	3.40	3481.6
As-Built Total:		**1024.0**		**3481.6**

Type	Area X	WPM	= Points
1.Exterior Insulated	20.0	8.40	168.0
2.Exterior Wood	20.0	12.30	246.0
As-Built Total:	**40.0**		**414.0**

Type	R-Value	Area X	WPM X	WCM =	Points
1. Under Attic	30.0	971.0	2.05 X	1.00	1990.5
As-Built Total:		**971.0**			**1990.5**

Type	R-Value	Area X	WPM	= Points
1. Slab-On-Grade Edge Insulation	0.0	128.0(p	18.80	2406.4
As-Built Total:		**128.0**		**2406.4**

	Area X	WPM	= Points
	971.0	-0.59	-572.9

FORM 600A-2004R

EnergyGauge® 0.

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT					
Winter Base Points:			**10362.7**	**Winter As-Built Points:**					**9728.7**
Total Winter Points	X System Multiplier	= Heating Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
				(sys 1: Electric Heat Pump 30000 btuh ,EFF(8.3) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
10362.7	**0.5540**	**5740.9**		9728.7 **9728.7**	1.000 **1.00**	(1.069 x 1.169 x 0.93) 0.411 **1.162**	**0.411**	1.000 **1.000**	4645.2 **4645.2**

FORM 600A-2004R

EnergyGauge® 0.

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT						
WATER HEATING Number of Bedrooms X	Multiplier =	Total	Tank Volume	EF	Number of Bedrooms X	Tank Ratio X	Multiplier X	Credit Multiplier =	Total
1	2635.00	2635.0	40.0	0.89	1	1.00	2723.82	1.00	2723.8
			As-Built Total:						**2723.8**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
3930	**5741**	**2635**	**12306**	**3222**	**4645**	**2724**	**10591**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: 3 cfm/sq.ft. window area; .5 cfm/sq ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter or floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

[redacted]

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.3

The higher the score, the more efficient the home.

[redacted]

1. New construction or existing — New
2. Single family or multi-family — Single family
3. Number of units, if multi-family — 1
4. Number of Bedrooms — 1
5. Is this a worst case? — Yes
6. Conditioned floor area (ft²) — 971 ft²
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)
   a. U-factor: Description Area
   (or Single or Double DEFAULT) (Dble Default) 102.0 ft²
   b. SHGC:
   (or Clear or Tint DEFAULT) 7a. (Clear) 102.0 ft²
8. Floor types
   a. Slab-On-Grade Edge Insulation R=0.0, 128.0(p) ft
   b. N/A
   c. N/A
9. Wall types
   a. Frame, Wood, Exterior R=13.0, 1024.0 ft²
   b. N/A
   c. N/A
   d. N/A
   e. N/A
10. Ceiling types
   a. Under Attic R=30.0, 971.0 ft²
   b. N/A
   c. N/A
11. Ducts
   a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 186.0 ft
   b. N/A
12. Cooling systems
   a. Central Unit Cap: 30.0 kBtu/hr
   SEER: 14.00
   b. N/A
   c. N/A
13. Heating systems
   a. Electric Heat Pump Cap: 30.0 kBtu/hr
   HSPF: 8.30
   b. N/A
   c. N/A
14. Hot water systems
   a. Electric Resistance Cap: 40.0 gallons
   EF: 0.89
   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)

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 ... 1a.xas, see Summer & Winter Glass output on pages 2&4.

EnergyGauge® (Version: FLRCSB v0.)

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 36-7S-16-04351-007-Hx **Permit Number** 0705-39

1. Description of property: (legal description of the property and street address or 911 address)
1405 SW JACOB CT, FT. WHITE FL 32038 -
SECTION 36, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA CO.

2. General description of improvement: GUEST HOUSE/MOTHER-IN-LAW SUITE

3. Owner Name & Address ROBERT KORN, 1405 SW. JACOB CT., FT. WHITE **Interest in Property**

4. Name & Address of Fee Simple Owner (if other than owner):

5. Contractor Name -N/A ROBERT KORN **Phone Number**
Address 1405 SW JACOB CT. FT. WHITE FL 32038

6. Surety Holders Name N/A **Phone Number**
Address
Amount of Bond

7. Lender Name N/A
Address

Inst:200712012660 Date:6/7/2007 Time:4:59 PM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name STACEY KORN **Phone Number** 386-454-8757
Address 1405 SW JACOB CT, FT. WHITE, FL. 32038

9. In addition to himself/herself the owner designates **of** **to receive a copy of the Lien Notice as provided in Section 713.13 (1) –**

(a) 7. Phone Number of the designee

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

Provided FL DL AS ID **Signature of Owner**

Sworn to (or affirmed) and subscribed before day of 6-7- **, 20** 07.

Rose Ann Aiello **NOTARY STAMP/SEAL**
Signature of Notary RoseAnn Aiello

ROSE ANN AIELLO
MY COMMISSION # DD397594
EXPIRES: February 17, 2009
Fl. Notary Discount Assoc. Co.

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

( ) Single Family Dwelling **( ) Two-Family Residence**
( ) Farm Outbuilding **(X) Other** GUEST COTTAGE

NEW CONSTRUCTION OR IMPROVEMENT

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

I ROBERT KORN **, 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** _____

_____ 5-18-07
Owner Builder Signature **Date**

The above signer is personally known to me or produced identification /

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Notary Signature _____ **Date** 5/18/07 **(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**_____

Project: Korn guest cottage
Tax ID: 36-7s-16-04351-007

Subject: Termite elimination plan

Alachua Pest Control will provide all applicable termite elimination procedures. Formal documentation to follow as required.

0705-39

Donald Alan Yanskey
ARCHITECT

2421 NW 49th Avenue • Gainesville, Florida 32605 • PH (352) 371-4064 • FAX (352) 371-4064

Windload Calculations Summary
For
New Guest Cottage for Robert & Stacey Korn
Ft. White, Florida

CRITERIA:

Code Reference:	Florida Building Code 2004 With 2006 Supplement
Location:	Ft. White, Florida
Basic Wind Speed:	110 MPH
Mean Roof Height:	Less than 30'-0"
Wind Importance Factor:	1.0
Building Exposure Factor:	Exposure B
Building Enclosure:	Building is Enclosed
Internal Pressure Coefficient:	0.18
Component & Cladding Design Wind Pressure:	29.1 PSF
Roof Overhang Design Wind Pressure:	42.4 PSF

BUILDING DATA:

2 x 4 Frame Walls:	8'-0"
Hip Roof Pitch:	4 / 12
Hip Roof Overhang:	2'-0"

FOOTINGS:

Monolithic Footings: Thicken Slab Edges at Exterior Walls and Front Porch to 12" Wide x 20" deep with 2 - #5 Continuous is satisfactory to prevent uplift. Provide 4" thick minimum concrete slab with 6 x 6 W 1.4 x W 1.4 W.W.F.. Concrete for footings and slab shall be minimum 3000 PSI.

PORCH POSTS:

Provide P.T. 4 x 4 With Simpson ABU44 Post Base Anchors and Simpson AC4 (Max) Post Cap Anchors.

Donald Alan Yanskey, Architect
04/19/07
FL AR 0011010
1 of 2

FILE COPY

ANCHOR BOLTS:

Provide ½" A307 Anchor Bolts with 2" round or square washers at 48" O.C. maximum. Provide 2 Anchor Bolts at each end of ALL shearwall segments, first Anchor Bolt in 6" and the second Anchor Bolt in 12" from each end of ALL shearwall segments. Net Uplift at corner holdown and shearwall ends is 2193#, the 2 anchor bolts OK for 3268# Bottom wood plate shall be pressure treated 2 x 4 Southern Pine.

WALL STUDS:

8'-0" High Exterior Walls – use 2 x 4 Spruce-Pine-Fir Number 2 at 1'-4" O.C. at exterior walls exposed to wind.

SHEARWALL SHEATHING:

Use 7/16" thick OSB sheathing minimum with 8d Common Nails at 4" O.C. along sheet edges and 12" O.C. in sheet field for both exterior Transverse and Longitudinal Shearwalls – see Drawings for exterior shearwall locations.

Total Accumulated Transverse Shearwalls - 50'-10"
Total Accumulated Longitudinal Shearwalls - 45'-3"

Maximum force applied at top of Transverse walls is 9800# per 50'-10" of Transverse Shearwall = 193# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field. Maximum force applied at top of Longitudinal shearwalls is 8575# per 45'-3" of Longitudinal Shearwall = 190# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field.

TRUSS HURRICANE ANCHORS:

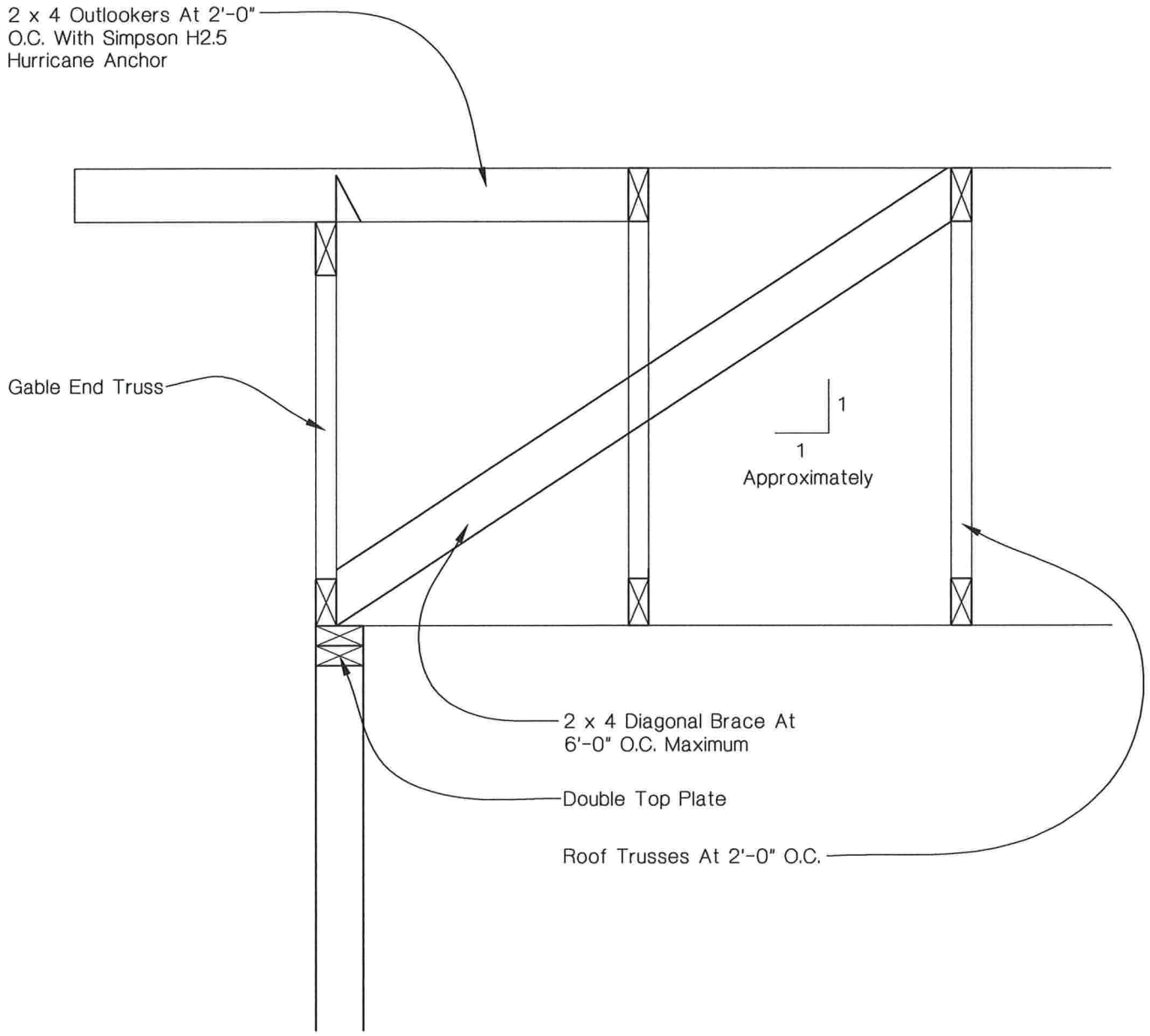
See truss Engineering Package for uplift and connectors required.

ROOF SHEATHING:

Use 7/16" thick OSB sheathing minimum with 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field. No intermediate blocking is required between trusses.

For transfer of Shear to roof deck, Maximum force applied at top of Transverse walls is 9800# per 50'-10" of Transverse Shearwall = 193# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field. Maximum force applied at top of Longitudinal shearwalls is 8575# per 45'-3" of Longitudinal Shearwall = 190# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field.

Donald Alan Yanskey, Architect
04/19/07
FL AR 0011010



GABLE END TRUSS AT HINGE / TOP PLATE DETAIL

1" = 1'-0"

FL AR 0011010

GABLE END TRUSS AT HINGE / TOP PLATE DETAIL

Donald Alan Yanskey
ARCHITECT
2421 Northwest 49th Avenue - Gainesville, Florida 32605
Phone (352) 371-4064 - FAX (352) 371-4064

DATE: 4-19-07 | DRAWN BY: D. A. Y.

SHEET A-1 OF 1

DE
DANSCO ENGINEERING, LLC

P.O. Box 3400
Apollo Beach, FL 33572

Telelphone: (813) 645-0166
Facsimile: (813) 645-9698
E-mail: trusses@danscoengineering.com
CA 25948

P.O. Box 1049
Summerville, SC 29484

Telelphone: (843) 875-4912
Facsimile: (843) 871-0603

C00646

The truss drawing(s) listed below have been prepared by 84 Lumber Company - Jax under my direct supervision based on the parameters provided by the truss designers.

Job: JAX0121
Builder: Owner/Builder
Model: Korn Residence
Location: Highsprings, FL, Alachua County

2 Truss Designs

DE Job #: 1733-E1

Trusses
g1, t1

Date: Thursday, April 26, 2007

Samuel A. Greenberg, P.E.

FL Reg. No. 34245

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. FBC-2004 Sec. 1609, ASCE 7-02. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-2002 Sec.2.

Job	Truss	Truss Type	Qty	Ply	KORN RES / GUEST COTTAGE
JAX0121	G1	GABLE	2	1	*DE Job # 1733-E1*
					Job Reference (optional)

84 COMPONENTS, APOPKA, FL 8-0-0 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Apr 26 08:27:22 2007 Page 1

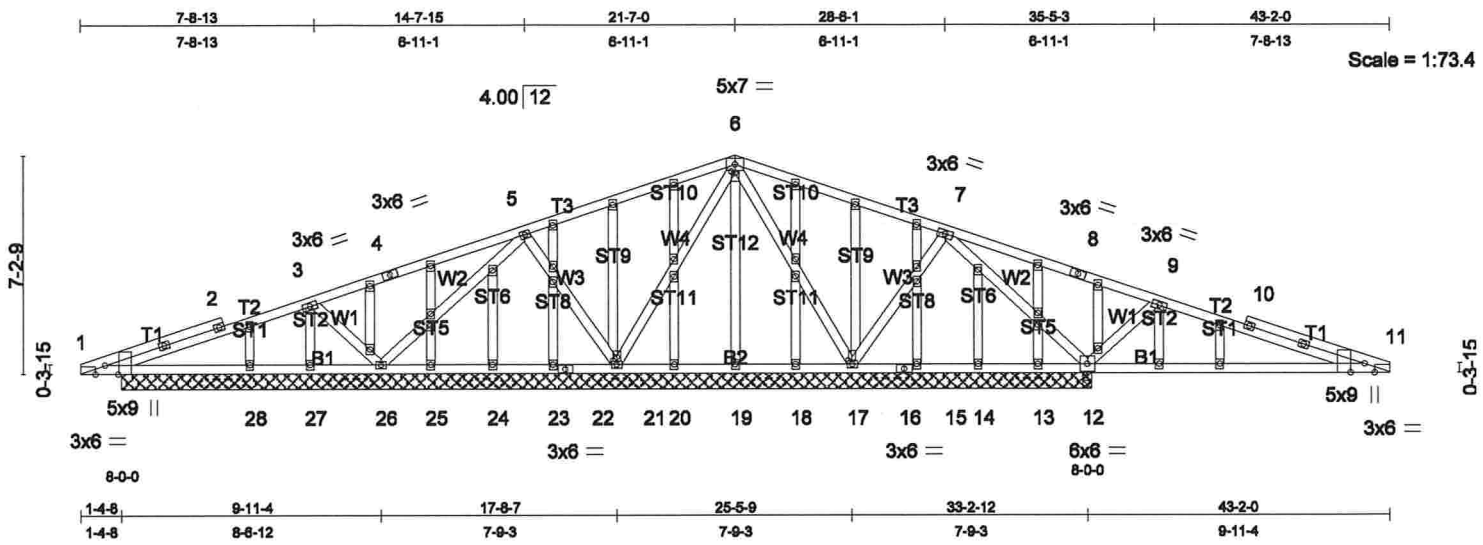


Plate Offsets (X,Y): [1:0-3-12,Edge], [1:0-3-8,Edge], [6:0-0-12,0-1-8], [11:0-3-12,Edge], [11:0-3-8,Edge], [17:0-1-8,0-1-8], [21:0-1-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	-0.03	1-28	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.06	1-28	>999	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 302 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 1-28,27-28,26-27
5-11-9 oc bracing: 11-12.

REACTIONS (lb/size) 1=246/32-0-0, 26=597/32-0-0, 12=1517/32-0-0, 12=1517/32-0-0, 19=62/32-0-0, 20=57/32-0-0, 21=427/32-0-0, 23=62/32-0-0, 24=63/32-0-0, 25=44/32-0-0, 27=-3/32-0-0, 28=193/32-0-0, 18=56/32-0-0, 17=330/32-0-0, 15=49/32-0-0, 14=112/32-0-0, 13=-185/32-0-0
Max Horz 1=-120(load case 4)
Max Uplift 1=-116(load case 5), 26=-475(load case 3), 12=-1264(load case 4), 21=-318(load case 3), 27=-3(load case 1), 28=-12(load case 5), 17=-194(load case 6), 14=-31(load case 4), 13=-185(load case 1)
Max Grav 1=246(load case 1), 26=597(load case 1), 12=1517(load case 1), 12=1517(load case 1), 19=62(load case 1), 20=57(load case 1), 21=427(load case 1), 23=62(load case 1), 24=63(load case 1), 25=44(load case 1), 27=30(load case 5), 28=193(load case 1), 18=56(load case 1), 17=330(load case 1), 15=49(load case 1), 14=112(load case 1), 13=211(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-68/57, 2-3=-34/66, 3-4=-223/266, 4-5=-206/374, 5-6=-62/302, 6-7=-221/442, 7-8=-1387/1422, 8-9=-1396/1314, 9-10=-1173/1093, 10-11=-1175/1005
BOT CHORD 1-28=-36/102, 27-28=-36/102, 26-27=-36/102, 25-26=-99/235, 24-25=-99/235, 23-24=-99/235, 22-23=-99/235, 21-22=-99/235, 20-21=-136/349, 19-20=-136/349, 18-19=-136/349, 17-18=-136/349, 16-17=-455/641, 15-16=-455/641, 14-15=-455/641, 13-14=-455/641, 12-13=-455/641, 11-12=-969/1166
WEBS 3-26=-461/484, 5-26=-280/265, 5-21=-238/298, 6-21=-192/141, 6-17=-464/410, 7-17=-165/167, 7-12=-1172/1238, 9-12=-454/503

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 3x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 116 lb uplift at joint 1, 475 lb uplift at joint 26, 1264 lb uplift at joint 12, 318 lb uplift at joint 21, 3 lb uplift at joint 27, 12 lb uplift at joint 28, 194 lb uplift at joint 17, 31 lb uplift at joint 14 and 185 lb uplift at joint 13.

LOAD CASE(S) Standard

Samuel A. Greenberg, P.E.
DANSCO Engineering, LLC
P.O. Box 3400
Apollo Beach, FL 33572
CA 25948

Date: 4/26/07

Warning!—Verify design parameters and read notes before use.
This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	KORN RES / GUEST COTTAGE
JAX0121	T1	COMMON	15	1	*DE Job # 1733-E1* Job Reference (optional)

84 COMPONENTS, APOPKA, FL 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Apr 26 08:27:23 2007 Page 1

Scale = 1:79.1

NOTE - TRUSS IS NOT SYMMETRICAL THIS END BEARS AT PORCH!!!

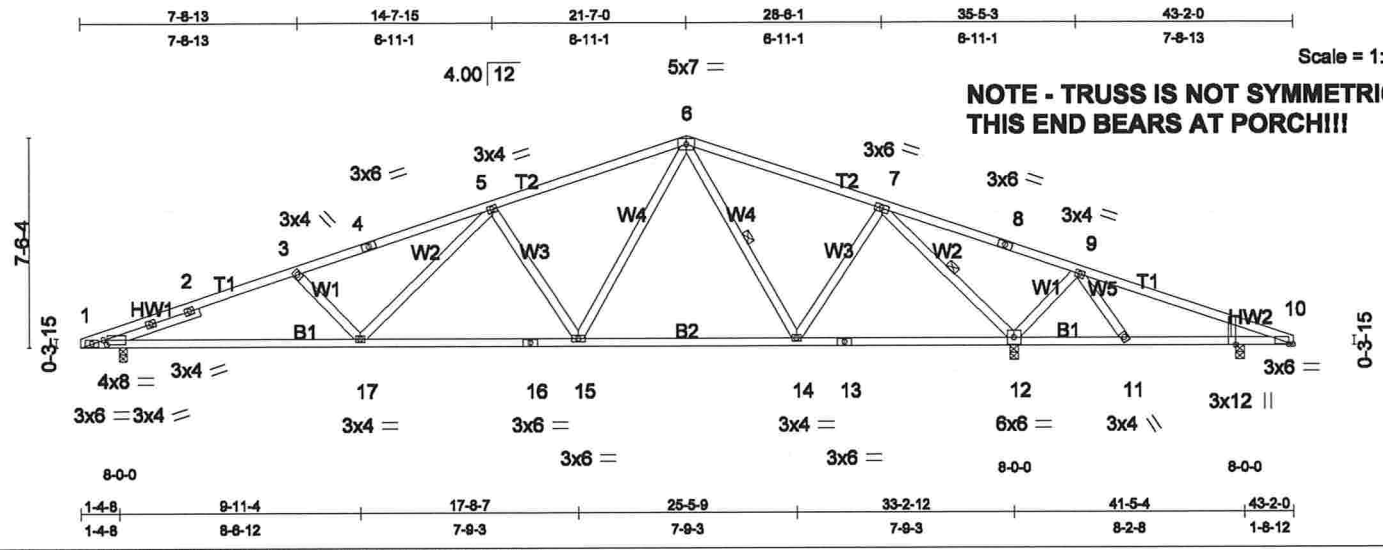


Plate Offsets (X,Y): [1:0-1-9,0-2-0], [10:0-1-14,0-0-2], [10:0-0-4,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.63	Vert(LL)	-0.30	1-17	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.89	Vert(TL)	-0.50	1-17	>792	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.62	Horz(TL)	0.09	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 214 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Right: 2 X 6 SYP No.2
SLIDER Left 2 X 4 SYP No.2 3-6-13

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-0-5 oc bracing.
WEBS 1 Row at midpt 6-14, 7-12

REACTIONS (lb/size) 1=1270/0-3-8, 12=2323/0-3-8, 10=8/0-3-8
Max Horz 1=126(load case 3)
Max Uplift1=-564(load case 5), 12=-1113(load case 6), 10=-171(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3043/1661, 2-3=-2985/1673, 3-4=-2753/1497, 4-5=-2692/1514, 5-6=-1726/1049, 6-7=-998/621, 7-8=-721/1273, 8-9=-731/1165, 9-10=-228/737
BOT CHORD 1-17=-1498/2843, 16-17=-928/1981, 15-16=-928/1981, 14-15=-374/1117, 13-14=-61/482, 12-13=-61/482, 11-12=-752/428, 10-11=-627/250
WEBS 3-17=-432/446, 5-17=-393/828, 5-15=-758/587, 6-15=-517/982, 6-14=-477/339, 7-14=-289/779, 7-12=-2362/1410, 9-12=-602/728, 9-11=-363/223

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 564 lb uplift at joint 1, 1113 lb uplift at joint 12 and 171 lb uplift at joint 10.

LOAD CASE(S) Standard

Samuel A. Greenberg, P.E.
DANSCO Engineering, LLC
P.O. Box 3409
Apollo Beach, FL 33572
CA 25948

Date: 4/26/07

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS; Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☑	☐	**Elevations including:**
☑	☐	a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation
☑	☐	d) Location, size and height above roof of chimneys
☑	☐	e) Location and size of skylights
☑	☐	f) Building height
☑	☐	e) Number of stories

Floor Plan including:

- ☑ ☐ a) Rooms labeled and dimensioned
- ☑ ☐ b) Shear walls
- ☑ ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☑ ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☑ ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☑ ☐ f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- ☑ ☐ a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- ☑ ☐ b) All posts and/or column footing including size and reinforcing
- ☑ ☐ c) Any special support required by soil analysis such as piling
- ☑ ☐ d) Location of any vertical steel

Roof System:

- ☑ ☐ a) Truss package including:
    1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
    2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- ☑ ☐ b) Conventional Framing Layout including:
    1. Rafter size, species and spacing
    2. Attachment to wall and uplift
    3. Ridge beam sized and valley framing and support details
    4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- ☑ ☐ a) Masonry wall
    1. All materials making up wall
    2. Block size and mortar type with size and spacing of reinforcement
    3. Lintel, tie-beam sizes and reinforcement
    4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
    5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
    6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
    7. Fire resistant construction (if required)
    8. Fireproofing requirements
    9. Shoe type of termite treatment (termicide or alternative method)
    10. Slab on grade
        a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
        b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
    11. Indicate where pressure treated wood will be placed
    12. Provide insulation R value for the following:
        a. Attic space
        b. Exterior wall cavity
        c. Crawl space (if applicable)

☑ ☐ **b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
    a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathroom

☑ ☐ **Energy Calculations** (dimensions shall match plans)

☐ ☐ **Gas System** Type (LP or Natural) Location and BTU demand of equipment

☑ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done**

☑ ☐ **Private Potable Water** E

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
   (386) 758-1058 ***(Toilet facilities shall be provided for construction workers)***

4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations.
   CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.
   A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

ENGINEERING BY
TRENCO
A MiTek Affiliate

#25903

RE: KORNR - ROBERT KORN

Trenco
818 Soundside Rd
Edenton, NC 27932

Site Information:
Project Customer: ROBERT KORN Project Name:
Lot/Block: Subdivision:
Address: 1405 SW JACOB COURT
City: FT WHITE State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2004/TPI2002 Design Program: MiTek 20/20 6.5
Wind Code: ASCE 7-02 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 1 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.
This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

No.	Seal#	Truss Name	Date
1	E4587777	A	12/28/07

The truss drawing(s) referenced above have been prepared by TRENCO under my direct supervision based on the parameters provided by Santa Fe Truss.

Truss Design Engineer's Name: Strzyzewski, Marvin
My license renewal date for the state of is February 28, 2009.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 28,2007

Strzyzewski, Marvin

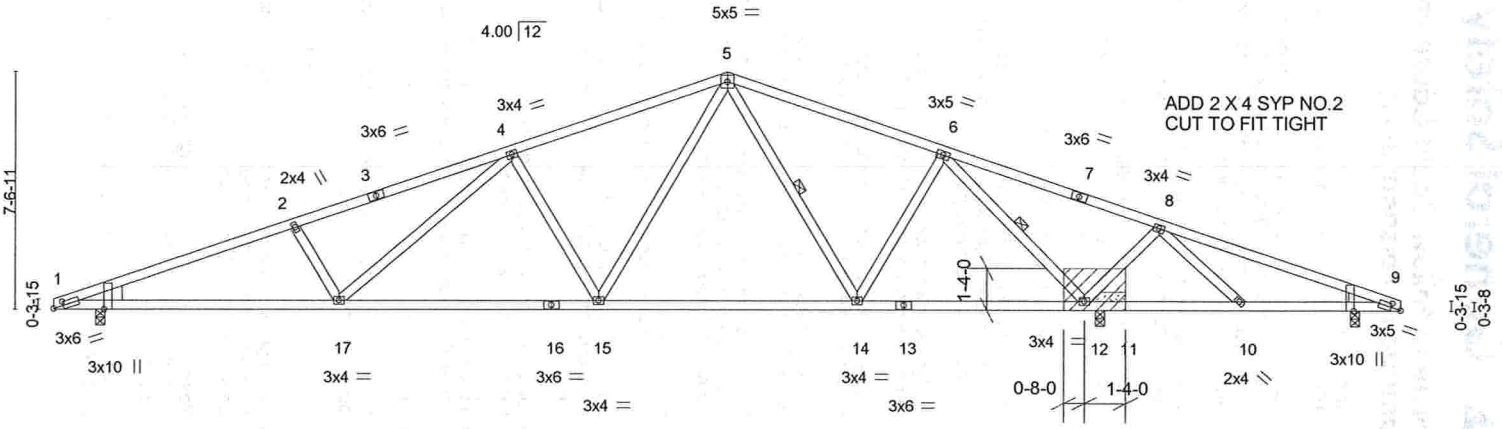
Job	Truss	Truss Type	Qty	Ply	ROBERT KORN	E4587777
KORNR	A	ROOF TRUSS	15	1	Job Reference (optional)	

SANTA FE TRUSS, HIGH SPRINGS, FL. 6.500 s Mar 8 2007 MiTek Industries, Inc. Fri Dec 28 09:31:57 2007 Page 1

7-9-4	14-8-12	21-8-4	28-7-12	35-7-4	43-4-8
7-9-4	6-11-8	6-11-8	6-11-8	6-11-8	7-9-4

Scale = 1:74.0

CONDITION: BEARING AT JOINT 12 MOVED 0-6-0 TO THE RIGHT.



ATTACH 1/2" PLYWOOD OR OSB GUSSET (15/32" APA RATED SHEATHING 32/16 EXP 1) TO EACH SIDE OF TRUSS WITH TWO ROWS OF 10d (3" X .131") NAILS SPACED 6.0" O.C. FROM EACH FACE, DRIVEN THROUGH ALL MEMBERS AND CLINCHED.

1-4-0	9-1-15	17-6-2	25-10-6	33-10-0	34-2-9	42-0-8	43-4-8
1-4-0	7-9-15	8-4-3	8-4-3	7-11-10	0-4-9	7-9-15	1-4-0

Plate Offsets (X,Y): [1:0-3-14,0-1-8], [1:0-0-4,Edge], [9:0-3-14,0-1-8], [9:0-0-4,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.89	Vert(LL)	-0.16	1-17	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.98	Vert(TL)	-0.52	1-17	>768	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.60	Horz(TL)	0.09	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 214 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 6 SYP No.2, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-3-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-14, 6-12

REACTIONS (lb/size) 12=2225/0-3-8, 1=1224/0-3-8, 9=-2/0-3-8
Max Horz 1=-89(LC 6)
Max Uplift 12=-387(LC 4), 1=-160(LC 3), 9=-138(LC 6)
Max Grav 12=2225(LC 1), 1=1224(LC 1), 9=117(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3020/406, 2-3=-2791/374, 3-4=-2721/394, 4-5=-1713/271, 5-6=-961/154, 6-7=-159/1282, 7-8=-171/1163, 8-9=0/702
BOT CHORD 1-17=-388/2795, 16-17=-215/1928, 15-16=-215/1928, 14-15=-43/1099, 13-14=0/525, 12-13=0/527, 11-12=-761/109, 10-11=-773/110, 9-10=-619/0
WEBS 2-17=-434/182, 4-17=-113/873, 4-15=-759/221, 5-15=-127/950, 5-14=-502/135, 6-14=-36/673, 6-12=-2353/297, 8-12=-604/282, 8-10=-175/322

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=18ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; porch right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 387 lb uplift at joint 12, 160 lb uplift at joint 1 and 138 lb uplift at joint 9.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 28,2007

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

25903

DW Pest Control, Inc.

13618 NW 270th Ave.
Alachua, FL 32615
(386) 418-4387

CERTIFICATE OF COMPLIANCE FOR TERMITE PROTECTION

(As required by Florida Building Code (FBC) 1816.1.7)

Address of treatment or lot/block of treatment: 1405 SW Jacob CT FT White 32038
Describe method of termite prevention treatment: Trench & Treat around structure

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws, established by the Florida Department of Agriculture and Consumer Services.

Authorized Signature

CERTIFICATE OF

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 36-7S-16-04351-007 **Building permit No.** 000025903

Use Classification COTTAGE/UTILITY **Fire:** 0.00

Permit Holder ROBERT KORN **Waste:**

Owner of Building ROBERT KORN **Total:** 0.00

Location: 1405 SW JACOB COURT, FT. WHITE, FL

Date: 02/19/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Crystal Air & Water, Inc.
HEATING & AIR CONDITIONING

1611 NW 55th Place, Suite B
Gainesville, Fl 32653
Office: (352) 333-0460
Fax: (352) 378-7867
www.crystalairwater.com

Fax Transmission Sheet

Date & Time: 4/23/2007 8:38

To: Dwight

Location:

Fax:

From: Matt Wiley

Total number of pages: (including cover) 12

Comments: Korn Residence

Project Summary
Entire House
CRYSTAL AIR & WATER

Job:
Date: 4/17/07
By: maw

1611-B NW 56 PLACE, GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax: 352-378-7867 Email: crsmith777@[illegible].com Web: www.crystalairwater.com

Project Information

For: Construction Plans Unlimited

Notes: Korn Residence

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33	°F
Inside db	70	°F
Design TD	37	°F

Summer Design Conditions

Outside db	92	°F
Inside db	75	°F
Design TD	17	°F
Daily range	M	
Relative humidity	50	%
Moisture difference	52	gr/lb

Heating Summary

Structure	16703	Btuh
Ducts	835	Btuh
Central vent (0 cfm)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	17538	Btuh

Sensible Cooling Equipment Load Sizing

Structure	15551	Btuh
Ducts	1555	Btuh
Central vent (0 cfm)	0	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	16593	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1024	1024
Volume (ft³)	8192	8192
Air changes/hour	1.00	0.50
Equiv. AVF (cfm)	137	68

Latent Cooling Equipment Load Sizing

Structure	4003	Btuh
Ducts	0	Btuh
Central vent (0 cfm)	0	Btuh
Equipment latent load	4003	Btuh
Equipment total load	20596	Btuh
Req. total capacity at 0.70 SHR	2.0	ton

Heating Equipment Summary

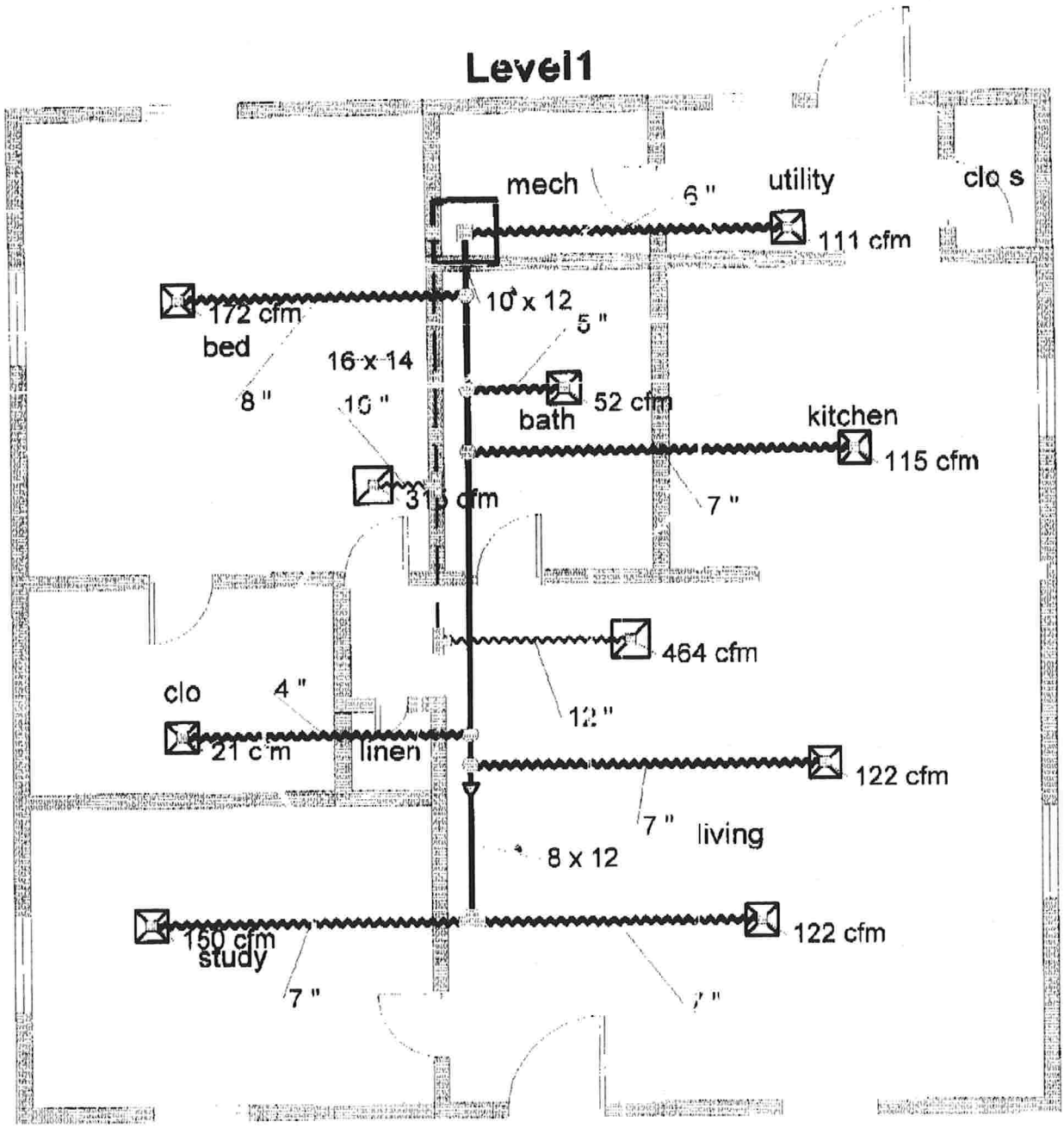
Make	Trane
Trade	XR13 Weathertron
Model	2TWR3024A1
Efficiency	8.3 HSPF
Heating input	
Heating output	20200 Btuh @ 47°F
Temperature rise	24 °F
Actual air flow	767 cfm
Air flow factor	0.044 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

Cooling Equipment Summary

Make	Trane
Trade	XR13 Weathertron
Cond	2TWR3024A1
Coil	2TFE3F25B1
Efficiency	14 SEER
Sensible cooling	17250 Btuh
Latent cooling	5750 Btuh
Total cooling	23000 Btuh
Actual air flow	767 cfm
Air flow factor	0.045 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.81

Bold/italic values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



Job #: **Performed by maw for:** Korn Residence	**CRYSTAL AIR & WATER** 1611-B NW 55 PLACE GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax: 352-378-7867 www.crystalairwater.com krsmith777@aol.com	Scale: 1 : 57 Page 1 Right-Suite Residential 6.0.90 RSR32438 2007-Apr-[illegible] \\crystal-server\Data\Wrightsoft\GR...

Load Short Form
Entire House
CRYSTAL AIR & WATER

Job:
Date: 4/17/07
By: maw

1611-B NW 65 PLACE GAINESVILLE, FL 32653 Phone: 352-333-0480 Fax: 352-378-7887 Email: kramith777@aol.com Web: www.crystalairwater.com

Project Information

For: Korn Residence

Design Information

	Htg	Clg
Outside db (°F)	*33*	*92*
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make Trane
Trade XR13 Weathertron
Model 2TWR3024A1

Efficiency	8.3 HSPF
Heating input	
Heating output	20200 Btuh @ 47°F
Temperature rise	24 °F
Actual air flow	767 cfm
Air flow factor	0.044 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

COOLING EQUIPMENT

Make Trane
Trade XR13 Weathertron
Cond 2TWR3024A1
Coil 2TFE3F25B1

Efficiency	14 SEER
Sensible cooling	17250 Btuh
Latent cooling	5750 Btuh
Total cooling	23000 Btuh
Actual air flow	767 cfm
Air flow factor	0.045 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.81

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
bed	195	3925	3168	172	142
clo	70	487	209	21	9
study	130	3433	2627	150	118
mech	35	0	0	0	0
bath	70	271	1157	12	52
utility	45	2527	2224	111	100
clo s	15	0	0	0	0
kitchen	120	1303	2562	57	115
linen	9	0	0	0	0
living	335	5593	5159	245	231

Bold/italic values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 7th Ed

Entire House Other equip loads Equip. @ 0.97 RSM Latent cooling	d	1024	17538 0	17106 0 16593 4003	767	767
TOTALS		1024	17538	20596	767	767

Bold/italic values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Building Analysis
Entire House
CRYSTAL AIR & WATER

Job:
Date: 4/17/07
By: maw

1611-B NW 55 PLACE, GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax: 352-378-7867 Email: krsmith777@aol.com Web: www.crystalairwater.com

Project Information

For: Kom Residence

Design Conditions

Location:
Gainesville, FL, US
Elevation: 151 ft
Latitude: 30 °N

Outdoor:	Heating	Cooling
Dry bulb (°F)	33	92
Daily range (°F)	-	19 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

Indoor:	Heating	Cooling
Indoor temperature (°F)	70	75
Design TD (°F)	37	17
Relative humidity (%)	50	50
Moisture difference (gr/lb)	32.6	51.6

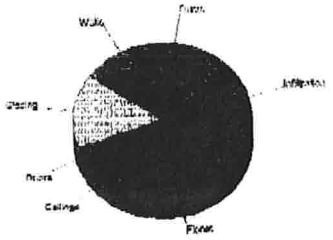
Infiltration:

Method	Simplified
Construction quality	Average
Fireplaces	0

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

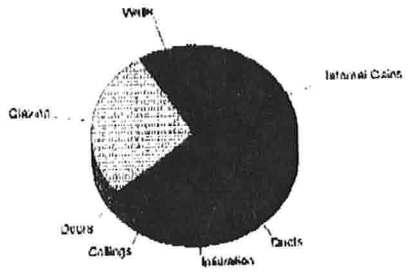
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	3.0	2605	14.9
Glazing	26.8	2750	15.7
Doors	17.0	705	4.0
Ceilings	1.2	1250	7.1
Floors	3.7	3836	21.9
Infiltration	33.8	5557	31.7
Ducts		835	4.8
Piping		0	0.0
Humidification		0	0.0
Ventilation		0	0.0
Adjustments		-0	
Total		**17538**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	1.6	1450	8.5
Glazing	46.3	4746	27.7
Doors	9.5	392	2.3
Ceilings	1.4	1385	8.1
Floors	0.0	0	0.0
Infiltration	8.9	1277	7.5
Ducts		1555	9.1
Ventilation		0	0.0
Internal gains		6300	36.8
Blower		0	0.0
Adjustments		-0	
Total		**17106**	**100.0**



Overall U-value = 0.098 Btuh/ft²-°F

Data entries checked.

Bold/italic values have been manually overridden

Component Constructions
Entire House
CRYSTAL AIR & WATER

Job:
Date: 4/17/07
By: maw

1611-B NW 53 PLACE, GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax: 352-378-7867 Email: ksmith777@aol.com Web: www.crystalairwater.com

Project Information

For: Korn Residence

Design Conditions

Location:
Gainesville, FL, US
Elevation: 151 ft
Latitude: 30°N

Outdoor:

	Heating	Cooling
Dry bulb (°F)	*33*	*92*
Daily range (°F)	-	19 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

Indoor:

	Heating	Cooling
Indoor temperature (°F)	70	75
Design TD (°F)	37	17
Relative humidity (%)	50	50
Moisture difference (gr/lb)	32.8	51.6

Infiltration:
Method: Simplified
Construction quality: Average
Fireplaces: 0

Construction descriptions	Or	Area (ft²)	U-value (Btuh/ft²-°F)	Insul R (ft²-°F/Btuh)	Htg HTM (Btuh/ft²)	Loss (Btuh)	Clg HTM (Btuh/ft²)	Gain (Btuh)
Walls								
12D2: Wood fr, R-13, ½" gypsum, R0.5		880	0.080	13.0	2.96	2605	1.65	1450
Partitions								
(none)								
Windows								
3C0: 2 pane, metal frame; clear; 1.5 ft overhang (2.5 ft window ht, 2 ft sep.)	n	6	0.725	0.0	26.8	168	21.8	136
	e	6	0.725	0.0	26.8	168	70.8	443
	all	13	0.725	0.0	26.8	335	46.3	579
3C0: 2 pane, metal frame; clear; 1.5 ft overhang (5 ft window ht, 2 ft sep.)	n	15	0.725	0.0	26.8	402	21.8	327
	e	15	0.725	0.0	26.8	402	70.8	1062
	s	30	0.725	0.0	26.8	805	21.8	654
	w	30	0.725	0.0	26.8	805	70.8	2124
	all	90	0.725	0.0	26.8	2414	46.3	4167
Doors								
10D0: Wood door, solid core, no storm		41	0.460	0.0	17.0	705	9.48	392
Ceilings								
16G0: Ceiling under unconditioned room, R-30 insulation		1024	0.033	30.0	1.22	1250	1.35	1385
Floors								
22A0: Slab floor on grade, no edge insulation		128	0.810	0.0	30.0	3836	0.00	0

Bold/italic values have been manually overridden

Calculation Procedures A, B, C, D

Entire House

Job:
Date: 4/17/07
By: maw

CRYSTAL AIR & WATER
1611-B NW 43 PLACE, GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax: 352-378-7867 Email: kramith777@aol.com Web: www.crystalairwater.com

Procedure A - Winter Infiltration HTM Calculation*

1. Winter infiltration AVF
   1.00 ach x 8192 ft³ x 0.0167 = n
2. Winter infiltration load
   1.1 x137 cfm x 37 °F Winter TD = Btuh
3. Winter infiltration HTM
   5557 Btuh / 144 ft² Total window and door area = 38.6 Btuh/ft²

Procedure B - Summer Infiltration HTM Calculation

1. Summer infiltration AVF
   0.50 ach x 8192 ft³ x 0.0167 = 68 cfm
2. Summer infiltration load
   1.1 x68 cfm x 17 °F Summer TD = 1277 Btuh
3. Summer infiltration HTM
   1277 Btuh / 144 ft² *Total window and door area = 8.9 Btuh/ft²

Procedure C - Latent Infiltration Gain

0.68 x52 gr/lb moist.diff. x 68 cfm = 2393 Btuh

Procedure D - Equipment Sizing Loads

1. Sensible sizing load

Sensible ventilation load 1.1 x 0 cfm vent. x 17 °F Summer TD	=	0	Btuh
Sensible load for structure (Line 19)	+	17106	Btuh
Vent + structure + other equip loads	=	17106	Btuh
Rating and temperature swing multiplier	x	0.97	
Equipment sizing load - sensible	=	16593	Btuh

2. Latent sizing load

Latent ventilation load 0.68 x 0 cfm vent. x 52 gr/lb moist.diff.	=	0	Btuh
Internal loads = 230 Btuh x 7 people	+	1610	Btuh
Infiltration load from Procedure C	+	2393	Btuh
Equipment sizing load - latent	=	4003	Btuh

*Construction Quality is: a No. of Fireplaces is: 0

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Right-J Worksheet
Entire House
CRYSTAL AIR & WATER

Job:
Date: 4/17/07
By: maw

1611-B NW 55 PLACE, GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax: 352-378-7867 Email: krsmith777@aol.com Web: www.crystalairwater.com

MANUAL J: 7th Ed.

No.	Item		CST NO.	HTM Htg	HTM Clg	Entire House Area (ft²)	Entire House Load Htg (Btuh)	Entire House Load Clg (Btuh)	bed Area (ft²)	bed Load Htg (Btuh)	bed Load Clg (Btuh)	clo Area (ft²)	clo Load Htg (Btuh)	clo Load Clg (Btuh)	study Area (ft²)	study Load Htg (Btuh)	study Load Clg (Btuh)
1	Name of room					Entire House			bed			clo			study		
2	Length of exposed wall					128.0 ft			28.0 ft			7.0 ft			23.0 ft		
3	Room dimensions								13.0 x 15.0 ft			10.0 x 7.0 ft			13.0 x 10.0 ft		
4	Ceilings		Condit. Option			8.0 ft	heat/cool	d	8.0 ft	heat/cool		8.0 ft	heat/cool		8.0 ft	heat/cool	
	TYPE OF EXPOSURE																
5	Gross exposed walls and partitions	a	12D2	3.0	1.6	1024	****	****	224	****	****	56	****	****	184	****	****
		b		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		c		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		d		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		e		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		f		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
6	Windows and glass doors Heating	a	3C0	26.8	**	103	2750	****	30	805	****	0	0	****	30	805	****
		b		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		c		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		d		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		e		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		f		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
7	Windows and glass doors Cooling	North			21.8	51	****	1117	15	****	327	0	****	0	15	****	327
		NE/NW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		E/W			70.8	51	****	3629	15	****	1062	0	****	0	15	****	1062
		SE/SW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		South			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		10:7			0.0	0	****	0	0	****	0	0	****	0	0	****	0
8	Other doors	a	10D0	17.0	9.5	41	705	392	0	0	0	0	0	0	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
9	Net exposed walls and partitions	a	12D2	3.0	1.6	880	2605	1450	194	574	320	56	166	92	154	456	254
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ceilings	a	16G0	1.2	1.4	1024	1250	1365	195	238	264	70	85	95	130	159	176
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
11	Floors (Note: room perimeter is displ. for slab floors)	a	22A0	30.0	0.0	128	3836	0	28	830	0	7	210	0	23	689	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
12	Infiltration	a		38.6	8.9	144	5557	1277	30	1158	266	0	0	0	30	1158	266
	Ventilation						0	0		0	0		0	0		0	0
13	Subtotal loss=6+8..+11+12					****	16703	****	****	3615	****	****	461	****	****	3267	****
	Less external heating					****	0	****	****	0	****	****	0	****	****	0	****
	Loss transfer					****	0	****	****	0	****	****	0	****	****	0	****
	Heating redistribution					****	-0	****	****	123	****	****	3	****	****	3	****
14	Duct loss					5%	835	****	5%	187	****	5%	23	****	5%	163	****
15	Total loss = 13+14					****	17538	****	****	3925	****	****	487	****	****	3433	****
16	Int. gains: People @				300	7	****	2100	2	****	600	0	****	0	1	****	300
	Appl. @				1200	4	****	4200	0	****	0	0	****	0	0	****	0
17	Subtot RSH gain=7+8..+12+16					****	****	15551	****	****	2839	****	****	187	****	****	2365
	Less external cooling					****	****	0	****	****	0	****	****	0	****	****	0
	Less transfer					****	****	0	****	****	0	****	****	0	****	****	0
	Cooling redistribution					****	****	-0	****	****	41	****	****	3	****	****	3
18	Duct gain					10%	****	1555	10%	****	288	10%	****	19	10%	****	239
19	Total RSH gain=(17+18)*PLF					1.00	****	17106	1.00	****	3168	1.00	****	209	1.00	****	2627
20	Air required (cfm)						767	767		172	142		21	9		150	118

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Right-J Worksheet
Entire House
CRYSTAL AIR & WATER

Job:
Date: 4/17/07
By: maw

1611-B NW 53 PLACE, GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax 352-378-7867 Email: kramith777@aol.com Web: www.crystalairwater.com

MANUAL J: 7th Ed.

1	Name of room					mech			bath			utility			clos		
2	Length of exposed wall					7.0 ft			0.0 ft			9.0 ft			6.0 ft		
3	Room dimensions					7.0 x 5.0 ft			7.0 x 10.0 ft			9.0 x 5.0 ft			3.0 x 5.0 ft		
4	Ceilings	Cond.t. Option				8.0 ft heat/cool			8.0 ft heat/cool			8.0 ft heat/cool			8.0 ft heat/cool		
	TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg
5	Gross Exposed walls and partitions	a	12D2	3.0	1.6	56	****	****	0	****	****	72	****	****	64	****	****
		b		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		c		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		d		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		e		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		f		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
6	Windows and glass doors Heating	a	3C0	28.6	**	0	0	****	0	0	****	6	168	****	0	0	****
		b		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		c		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		d		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		e		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		f		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
7	Windows and glass doors Cooling	North			21.8	0	****	0	0	****	0	6	****	136	0	****	0
		NE/NW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		E/W			70.8	0	****	0	0	****	0	0	****	0	0	****	0
		SE/SW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		South			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		Horz			0.0	0	****	0	0	****	0	0	****	0	0	****	0
8	Other doors	a	0D0	17.0	9.5	0	0	0	0	0	0	20	347	193	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
9	Net exposed walls and partitions	a	12D2	3.0	1.6	56	166	92	0	0	0	48	134	75	64	189	105
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ceilings	a	16G0	1.2	1.4	35	43	47	70	85	95	45	55	61	15	18	20
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
11	Floors (Note: room perimeter is displ. for slab floors)	a	22A0	30.0	0.0	7	210	0	0	0	0	9	270	0	8	240	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
12	Infiltration Ventilation	a		38.6	8.9	0	0	0	0	0	0	27	1030	237	0	0	0
							0	0		0	0		0	0		0	0
13	Subtotal loss=8+8..+11+12					****	418	****	****	85	****	****	2004	****	****	448	****
	Less external heating					****	0	****	****	0	****	****	0	****	****	0	****
	Less transfer					****	0	****	****	0	****	****	0	****	****	0	****
	Heating redistribution					****	-418	****	****	172	****	****	403	****	****	-448	****
14	Duct loss					5%	0	****	5%	13	****	5%	120	****	5%	0	****
15	Total loss = 13+14					****	0	****	****	271	****	****	2527	****	****	0	****
16	Int. gains: People @			300		0	****	0	1	****	300	0	****	0	0	****	0
	Appl. @			1200		0	****	0	1	****	600	1	****	1200	0	****	0
17	Subtot RSH gain=7+8..+12+16					****	****	140	****	****	995	****	****	1902	****	****	128
	Less external cooling					****	****	0	****	****	0	****	****	0	****	****	0
	Less transfer					****	****	0	****	****	0	****	****	0	****	****	0
	Cooling redistribution					****	****	-140	****	****	58	****	****	120	****	****	-126
18	Duct gain					10%	****	0	10%	****	105	10%	****	202	10%	****	0
19	Total RSH gain=(17+16)*PLF					1.00	****	0	1.00	****	1157	1.00	****	2224	1.00	****	0
20	Air required (cfm)						0	0		12	52		111	100		0	0

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Right-J Worksheet
Entire House
CRYSTAL AIR & WATER

Job:
Date: 4/17/07
By: maw

1611-B NW 55 PLACE, GAINESVILLE, FL 32653 Phone: 352-333-0460 Fax: 352 378-7867 Email: krsmith777@aol.com Web: www.crystalairwater.com

	MANUAL J: 7th Ed.				kitchen 10.0 ft 12.0 x 10.0 ft 8.0 ft heat/cool			a liner 0.0 ft 3.0 x 3.0 ft 8.0 ft heat/cool			living 36.0 ft 1.0 x 335.0 ft 8.0 ft heat/cool					
1	Name of room															
2	Length of exposed wall															
3	Room dimensions															
4	Ceilings	Condit. Option														
	TYPE OF EXPOSURE		CS1 NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area	Htg	Clg
5	Gross Exposed Walls and partitions	a	12D2	3.0	1.6	80	****	****	0	****	****	288	****	****		****	****
		b		0.0	0.0	0	****	****	0	****	****	0	****	****		****	****
		c		0.0	0.0	0	****	****	0	****	****	0	****	****		****	****
		d		0.0	0.0	0	****	****	0	****	****	0	****	****		****	****
		e		0.0	0.0	0	****	****	0	****	****	0	****	****		****	****
		f		0.0	0.0	0	****	****	0	****	****	0	****	****		****	****
6	Windows and glass doors Heating	a	3C0	26.8	**	6	168	****	0	0	****	30	805	****			****
		b		0.0	**	0	0	****	0	0	****	0	0	****			****
		c		0.0	**	0	0	****	0	0	****	0	0	****			****
		d		0.0	**	0	0	****	0	0	****	0	0	****			****
		e		0.0	**	0	0	****	0	0	****	0	0	****			****
		f		0.0	**	0	0	****	0	0	****	0	0	****			****
7	Windows and glass doors Cooling		North		21.8	0	****	0	0	****	0	15	****	327		****	
			NE/NW		0.0	0	****	0	0	****	0	0	****	0		****	
			E/W		70.8	6	****	443	0	****	0	15	****	1062		****	
			SE/SW		0.0	0	****	0	0	****	0	0	****	0		****	
			South		0.0	0	****	0	0	****	0	0	****	0		****	
			Horz		0.0	0	****	0	0	****	0	0	****	0		****	
8	Other doors	a	19D0	17.0	3.5	0	0	0	0	0	0	21	357	199			
		b		0.0	0.0	0	0	0	0	0	0	0	0	0			
		c		0.0	0.0	0	0	0	0	0	0	0	0	0			
9	Not exposed walls and partitions	a	12D2	3.0	1.6	74	218	122	0	0	0	237	702	391			
		b		0.0	0.0	0	0	0	0	0	0	0	0	0			
		c		0.0	0.0	0	0	0	0	0	0	0	0	0			
		d		0.0	0.0	0	0	0	0	0	0	0	0	0			
		e		0.0	0.0	0	0	0	0	0	0	0	0	0			
		f		0.0	0.0	0	0	0	0	0	0	0	0	0			
10	Ceilings	a	16G0	1.2	1.4	120	147	162	9	11	12	335	409	453			
		b		0.0	0.0	0	0	0	0	0	0	0	0	0			
		c		0.0	0.0	0	0	0	0	0	0	0	0	0			
		d		0.0	0.0	0	0	0	0	0	0	0	0	0			
		e		0.0	0.0	0	0	0	0	0	0	0	0	0			
		f		0.0	0.0	0	0	0	0	0	0	0	0	0			
11	Floors (Note: room perimeter is displ. for slab floors)	a	22A0	30.0	0.0	10	300	0	0	0	0	36	1079	0			
		b		0.0	0.0	0	0	0	0	0	0	0	0	0			
		c		0.0	0.0	0	0	0	0	0	0	0	0	0			
		d		0.0	0.0	0	0	0	0	0	0	0	0	0			
		e		0.0	0.0	0	0	0	0	0	0	0	0	0			
		f		0.0	0.0	0	0	0	0	0	0	0	0	0			
12	Infiltration Ventilation	a		38.6	8.9	6	241	55	0	0	0	51	1969	452			
							0	0		0	0		0	0			
13	Subtotal loss=6+8..+11+12					****	1074	****	****	11	****	****	5321	****	****		****
	Less external heating					****	0	****	****	0	****	****	0	****	****		****
	Less transfer					****	0	****	****	0	****	****	0	****	****		****
	Heating redistribution					****	168	****	****	-11	****	****	5	****	****		****
14	Duct loss					5%	62	****	5%	0	****	5%	266	****	%		****
15	Total loss = 13+14					****	1303	****	****	0	****	****	5593	****	****		****
16	Int. gains: People @ 300					1	****	300	0	****	0	2	****	600		****	
	Appl. @ 1200					1	****	1200	0	****	0	1	****	1200		****	
17	Subtot RSH gain=7+8..+12+16					****	****	2282	****	****	12	****	****	4684	****	****	
	Less external cooling					****	****	0	****	****	0	****	****	0	****	****	
	Less transfer					****	****	0	****	****	0	****	****	0	****	****	
	Cooling redistribution					****	****	47	****	****	-12	****	****	6	****	****	
18	Duct gain					10%	****	233	10%	****	0	10%	****	469		****	
19	Total RSH gain=(17+18)*PLF					1.00	****	2562	1.00	****	0	1.00	****	5159		****	
20	Air required (cfm)						57	115		0	0		245	231			

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Donald Alan Yanskey
ARCHITECT
2421 NW 49th Avenue • Gainesville, Florida 32605 • PH (352) 371-4064 • FAX (352) 371-4064

Windload Calculations Summary
For
New Guest Cottage for Robert & Stacey Korn
Ft. White, Florida

CRITERIA:

Code Reference:	Florida Building Code 2004 With 2006 Supplement
Location:	Ft. White, Florida
Basic Wind Speed:	110 MPH
Mean Roof Height:	Less than 30'-0"
Wind Importance Factor:	1.0
Building Exposure Factor:	Exposure B
Building Enclosure:	Building is Enclosed
Internal Pressure Coefficient:	0.18
Component & Cladding Design Wind Pressure:	29.1 PSF
Roof Overhang Design Wind Pressure:	42.4 PSF

BUILDING DATA:

2 x 4 Frame Walls:	8'-0"
Hip Roof Pitch:	4 / 12
Hip Roof Overhang:	2'-0"

FOOTINGS:

Monolithic Footings: Thicken Slab Edges at Exterior Walls and Front Porch to 12" Wide x 20" deep with 2 - #5 Continuous is satisfactory to prevent uplift. Provide 4" thick minimum concrete slab with 6 x 6 W 1.4 x W 1.4 W.W.F.. Concrete for footings and slab shall be minimum 3000 PSI.

PORCH POSTS:

Provide P.T. 4 x 4 With Simpson ABU44 Post Base Anchors and Simpson AC4 (Max) Post Cap Anchors.

Donald Alan Yanskey, Architect
04/19/07
FL AR 0011010

ANCHOR BOLTS:

Provide ½" A307 Anchor Bolts with 2" round or square washers at 48" O.C. maximum. Provide 2 Anchor Bolts at each end of ALL shearwall segments, first Anchor Bolt in 6" and the second Anchor Bolt in 12" from each end of ALL shearwall segments. Net Uplift at corner holdown and shearwall ends is 2193#, the 2 anchor bolts OK for 3268# Bottom wood plate shall be pressure treated 2 x 4 Southern Pine.

WALL STUDS:

8'-0" High Exterior Walls – use 2 x 4 Spruce-Pine-Fir Number 2 at 1'-4" O.C. at exterior walls exposed to wind.

SHEARWALL SHEATHING:

Use 7/16" thick OSB sheathing minimum with 8d Common Nails at 4" O.C. along sheet edges and 12" O.C. in sheet field for both exterior Transverse and Longitudinal Shearwalls – see Drawings for exterior shearwall locations.

Total Accumulated Transverse Shearwalls - 50'-10"
Total Accumulated Longitudinal Shearwalls - 45'-3"

Maximum force applied at top of Transverse walls is 9800# per 50'-10" of Transverse Shearwall = 193# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field. Maximum force applied at top of Longitudinal shearwalls is 8575# per 45'-3" of Longitudinal Shearwall = 190# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field.

TRUSS HURRICANE ANCHORS:

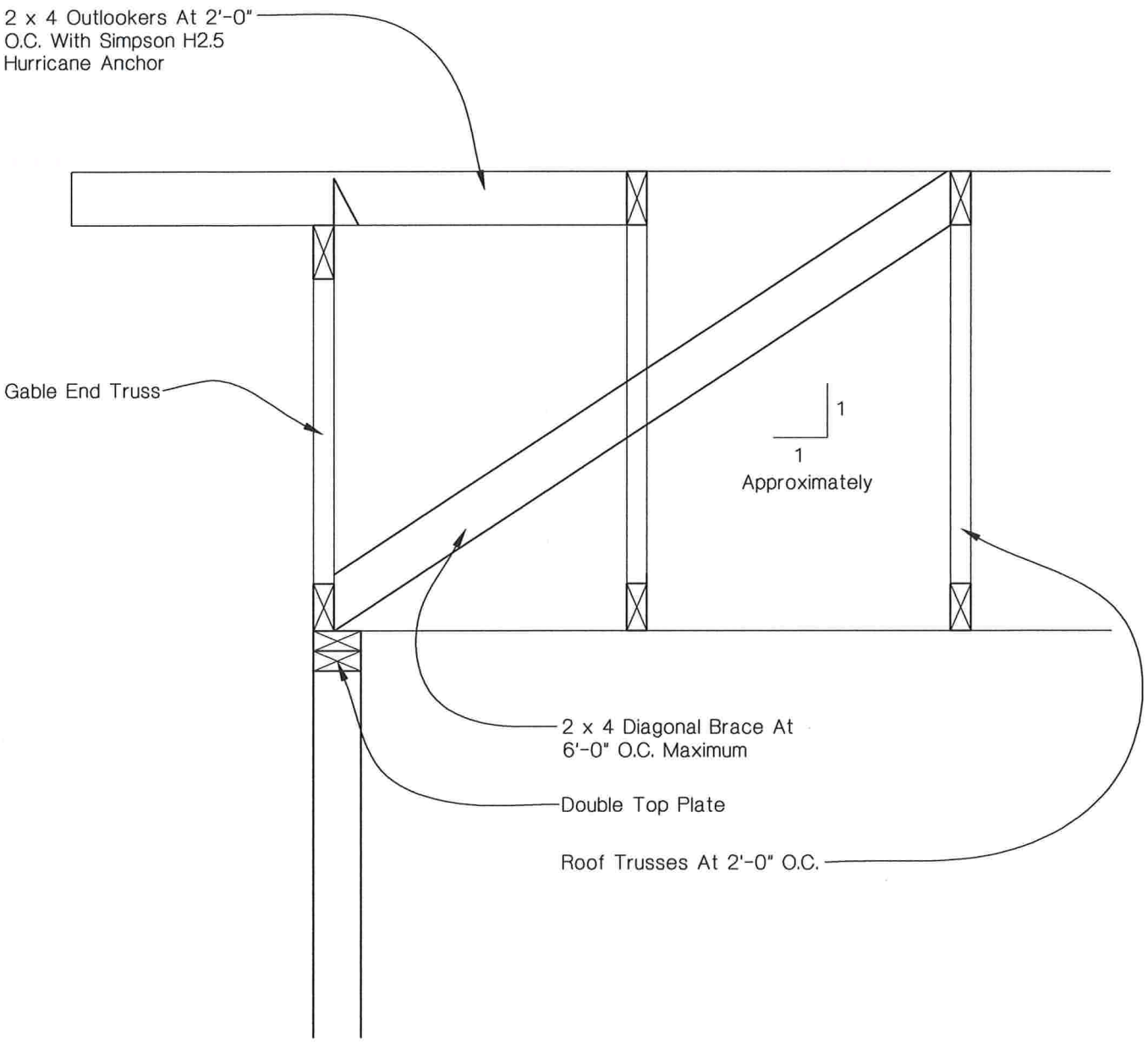
See truss Engineering Package for uplift and connectors required.

ROOF SHEATHING:

Use 7/16" thick OSB sheathing minimum with 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field. No intermediate blocking is required between trusses.

For transfer of Shear to roof deck, Maximum force applied at top of Transverse walls is 9800# per 50'-10" of Transverse Shearwall = 193# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field. Maximum force applied at top of Longitudinal shearwalls is 8575# per 45'-3" of Longitudinal Shearwall = 190# per lineal foot. Provide 8d Ring Shank Nails at 4" O.C. along sheet edges and 6" O.C. in sheet field.

Donald Alan Yanskey, Architect
04/19/07
FL AR 0011010



GABLE END TRUSS AT HINGE / TOP PLATE DETAIL

1" = 1'-0"

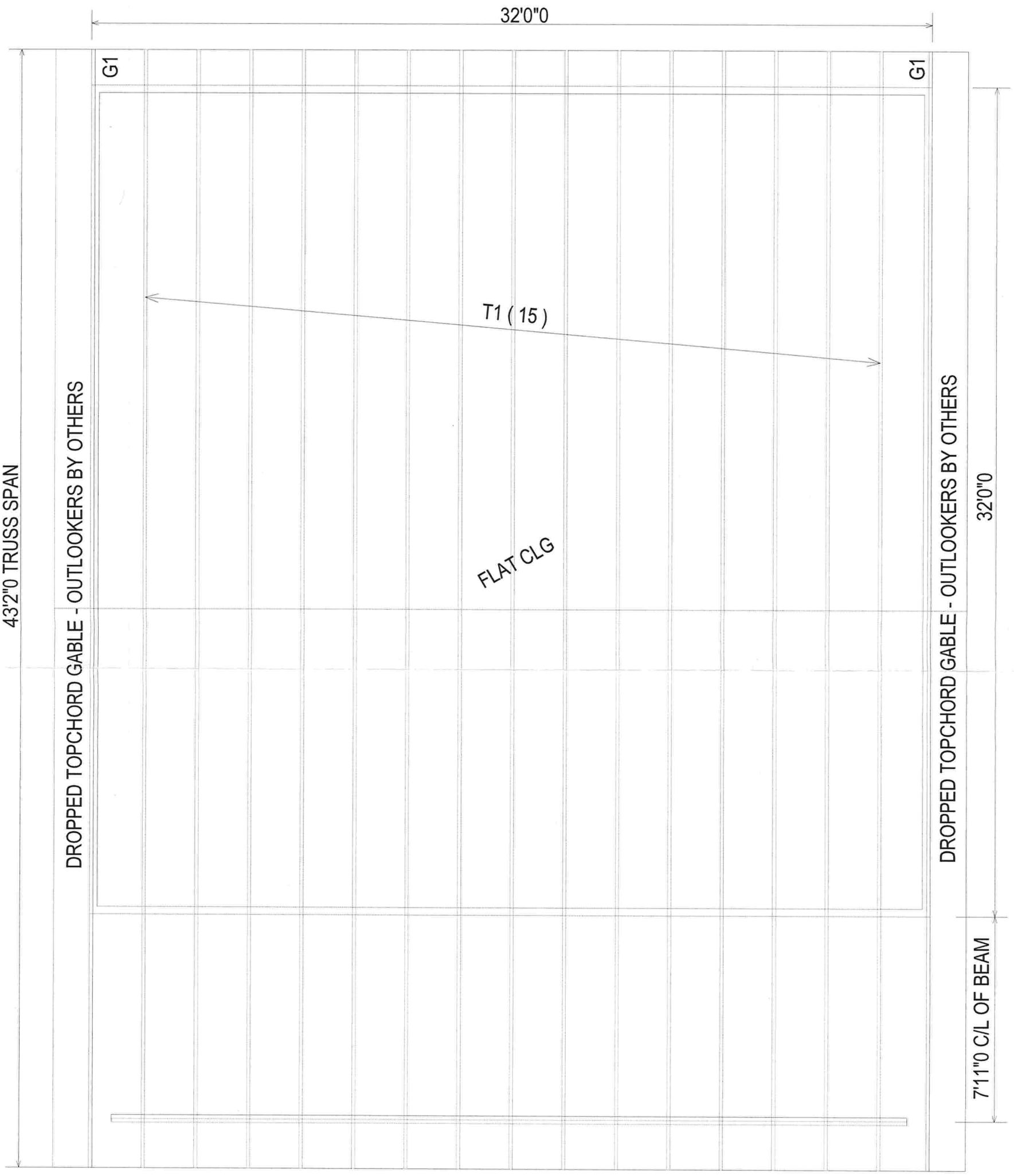
FL AR 0011010

GABLE END TRUSS AT HINGE / TOP PLATE DETAIL

Donald Alan Yanskey
ARCHITECT
2421 Northwest 49th Avenue - Gainesville, Florida 32605
Phone (352) 371-4064 - FAX (352) 371-4064

DATE: 4-19-07 | DRAWN BY: D. A. Y.

SHEET A-1 OF 1



SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Approved by: Date:

84 COMPONENTS
2350 West Orange Blossom Trail
Zellwood, Fl 32798
Phone - (407)884-0684
Fax - (407)884-7584

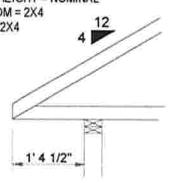
Client: ROBERT & STACY KORN | Job # JAX0121

Job Desc.: GUEST COTTAGE | Sales Rep: JEFF MINER

Site Information: HIGH SPRINGS, FL

Scale: N.T.S. | Date: 4/23/07 | Drawn By: SR

APPROVED TRUSS ANCHOR BY BUILDER
PLUMB CUT CANTILEVER
HEEL HEIGHT = NOMINAL
BOTTOM = 2X4
TOP = 2X4



TRUSS END DETAIL

PLATE HEIGHT

8'-0" AFF

NOTICE OF INSPECTION AND/OR TREATMENT

1405 SW Jacob Ct
Address

25903
Date of Inspection

9/11/07
Date of Treatment - Full ☐ Spot ☐

Termidor 125gA 1@.06
Pesticide Used

Sub-Termites
Wood-Destroying Organisms Treated

It is a violation of Florida State Law (Chap. 482-226) for anyone other than the property owner to remove this notice.

- Lawn Spraying
- Household Pest Control
- Tree & Shrub Spraying
- Termite Control

DW Pest Control, Inc.
13618 NW 270th Ave.
Alachua, FL 32615

Call: **386-418-4387**
for a free inspection & estimate

NOTICE OF INSPECTION AND/OR TREATMENT

1405 SW Jacob Ct FT White
Address

Date of Inspection

Termidor @ .06%
Date of Treatment - Full ☒ Spot ☐
2/13/08

Pesticide Used

Sub-Termite
Wood-Destroying Organisms Treated

It is a violation of Florida State Law (Chap. 482-226) for anyone other than the property owner to remove this notice.

- Lawn Spraying
- Household Pest Control
- Tree & Shrub Spraying
- Termite Control

25903

DW Pest Control, Inc.
13618 NW 270th Ave.
Alachua, FL 32615

Call: **386-418-4387**
for a free inspection & estimate