

08/15/2006

Columbia County Building Permit

PERMIT
000024867

This Permit Expires One Year From the Date of Issue

APPLICANT MARK HADDOX PHONE 755-2411
 ADDRESS P.O. BOX 3535 LAKE CITY FL 32056
 OWNER DON & CINDY EVANS PHONE 386 984-6444
 ADDRESS 293 SW HICKORY GLEN FT. WHITE FL 32038
 CONTRACTOR WILLIAM WOOD PHONE 755-2411
 LOCATION OF PROPERTY 47S, TR ON 240, TL ON ICHETUCKNEE AVE, TR ON CURTAIN, TL ON
SPRUCE, TL ON HICKORY GLEN, 7TH LOT ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 59800.00
 HEATED FLOOR AREA 1196.00 TOTAL AREA 1244.00 HEIGHT STORIES 1
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
 LAND USE & ZONING A-3 MAX. HEIGHT 14
 Minimum Set Back Requirements: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
 NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 36-5S-15-00488-115 SUBDIVISION SPRING HILLS
 LOT 20 BLOCK F PHASE UNIT TOTAL ACRES

000001188
 Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
 WAIVER 06-0709-N BK JH
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 1654

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
 date/app. by date/app. by date/app. by
 Under slab rough-in plumbing Slab Sheathing/Nailing
 date/app. by date/app. by date/app. by
 Framing Rough-in plumbing above slab and below wood floor
 date/app. by date/app. by
 Electrical rough-in Heat & Air Duct Peri. beam (Lintel)
 date/app. by date/app. by date/app. by
 Permanent power C.O. Final Culvert
 date/app. by date/app. by date/app. by
 M/H tie downs, blocking, electricity and plumbing Pool
 date/app. by date/app. by
 Reconnection Pump pole Utility Pole
 date/app. by date/app. by date/app. by
 M/H Pole Travel Trailer Re-roof
 date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 300.00 CERTIFICATION FEE \$ 6.22 SURCHARGE FEE \$ 6.22
 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 387.44

INSPECTORS OFFICE *[Signature]* 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."

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 INCONVENIENCE, 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

CK# 1654

Revised 9-23-04

For Office Use Only Application # 0607-79 Date Received 7/31/06 By GT Permit # 1188/24867
 Application Approved by - Zoning Official BLK Date 08.08.06 Plans Examiner OK JTH Date 8-2-06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2.3.1
BMA / E/H

Applicants Name Mark Haddock Phone 755-2411
 Address PO Box 3535 LAKE CITY, FL 32056
 Owners Name Don & Cindy Evans Phone 386-984-6444
 911 Address 293 SW Hickory Glen Ft White 32038
 Contractors Name William Wood (Woodman Park Builder) Phone 755-2411
 Address PO Box 3535 LAKE CITY, FL 32056
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Mark Disasway
 Mortgage Lenders Name & Address First Federal Savings Bank

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 36-55-15-00488-115 Estimated Cost of Construction 103,469.00
 Subdivision Name Spring Hills Lot 20 Block F Unit Phase
 Driving Directions 47 South to 240 turn Right I Chetucknee Ave
Go left to Curbin turn Right to Spruce turn left
Sw Hickory Glen turn left 7th lot on left
 Type of Construction Vinyl & Frame Home Number of Existing Dwellings on Property 0
 Total Acreage 1.05 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 30' Side 25' Side 25' Rear 25' 263
 Total Building Height 14' 11" Number of Stories 1 40 Heated Floor Area 1196 53 Roof Pitch 6/12
PORCH 48 GARAGE 0 12.44

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.

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Owner Builder or Agent (Including Contractor) _____

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 29 day of June 20 06
 Personally known or Produced Identification _____

[Signature]
 Contractor Signature
 Contractors License Number CBC058182
 Competency Card Number _____
 NOTARY STAMP/SEAL

[Signature]
 Notary Signature
 Brenda Terry
 My Commission DD293888
 Expires February 24, 2008



Prepared by:
Elaine R. Davis / Lyndi Skinner
American Title Services of Lake City, Inc.
321 SW Main Boulevard, Suite 105
Lake City, Florida 32025

File Number: 06-447

Warranty Deed

Made this June 23, 2006 A.D.

By **Eleazar C. Villacrusts**, 321 3rd Way, West Palm, Florida 33407, hereinafter called the grantor,

to **Donald R. Evans, Jr. and Cynthia B. Evans, husband and wife**, whose post office address is: 109 NW Carr Court, Lake City, FL 32055, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 20, Block F, Spring Hills Subdivision, according to the Plat thereof, as recorded in Plat Book 4, Pages 33 and 33A, of the Public Records of Columbia County, Florida.

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: 00488-115

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.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2005.

Don Evans
Parcel ID #

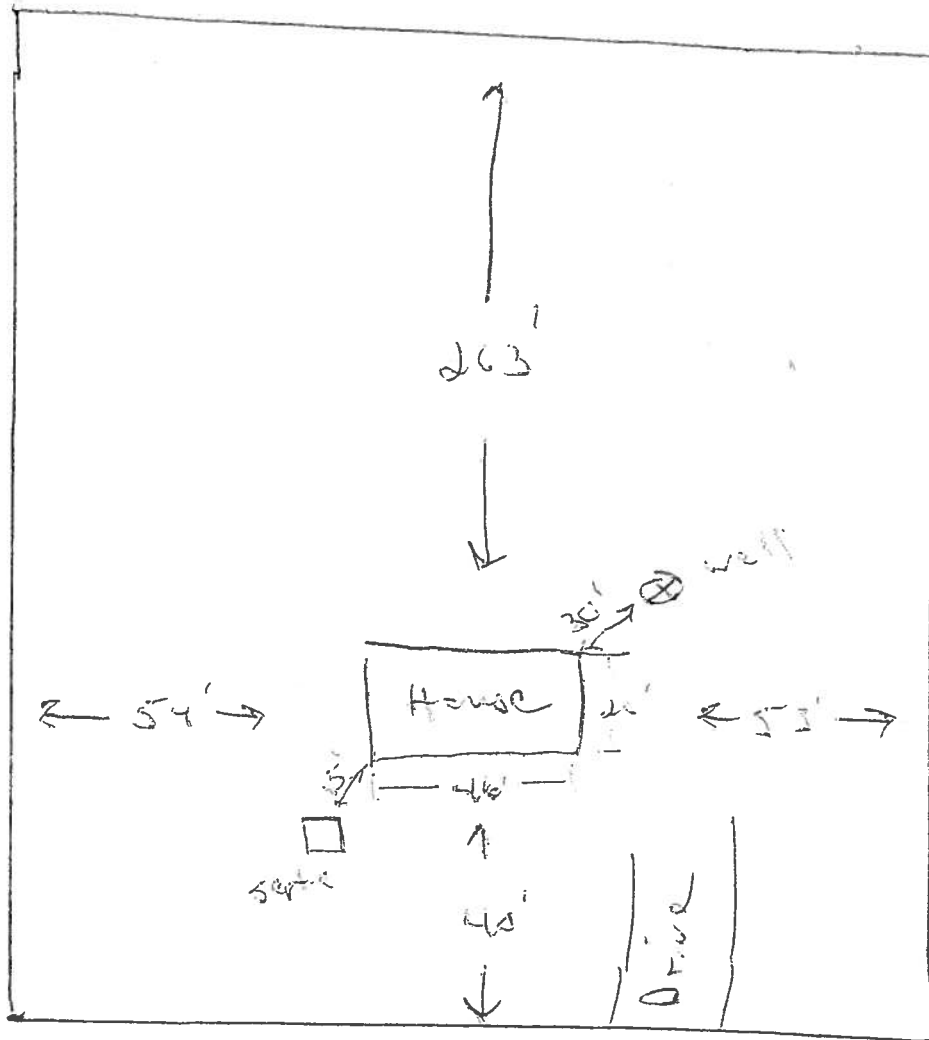
36-53-15-
00488-115

Lot size 153' x 329'

Set Backs:

Front	30'
Sides	15'
Rear	15'

* proposed Elevation - 2 Blocks = 16"



153'

Note: Septic to well Approximately 100 feet

Permit Number:

Tax Folio Number: 00488-115

State of: Florida
County of: Columbia

File Number: 06-447A

Inst: 2006016084 Date: 07/06/2006 Time: 09:12

S.F. DC, P. DeWitt Cason, Columbia County B: 1088 P: 2530

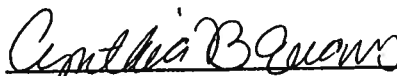
NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvement will be made to certain real property, and, in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property:
Lot 20, Block F, Spring Hills Subdivision, according to the Plat thereof, as recorded in Plat Book 4, Pages 33 and 33A, of the Public Records of Columbia County, Florida.
2. General Description of Improvements: Single Family Dwelling
3. Owner Information:
 - a. Name and Address: Donald R. Evans, Jr. and Cynthia B. Evan, 109 NW Carr Court, Lake City, FL 32055
 - b. Interest in property: Fee Simple
 - c. Names and address of fee simple title holder (if other than owner):
4. Contractor: Woodman Park Builders, Inc.
5. Surety: N/A
6. Lender: First Federal Savings Bank of Florida, 4705 West U. S. Highway 90
Post Office Box 2029 (32056), Lake City, Florida 32055
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a)7., Florida Statutes.
8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): June 30, 2007.



Donald R. Evans, Jr.



Cynthia B. Evans

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 7/11/2006 DATE ISSUED: 7/14/2006

ENHANCED 9-1-1 ADDRESS:

293 SW HICKORY GLN
FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

36-5S-15-00488-115

Remarks:

LOT 20 BLOCK F SPRING HILLS S/D

Address Issued By: _____


Columbia County 9-1-1 Addressing / GIS Department

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

321

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: EVANS RESIDENCE Address: City, State: , Owner: DON AND CINDY EVANS Climate Zone: North	Builder: WOODMAN PARK BUILDER Permitting Office: COLUMBIA COUNTY Permit Number: 24867 Jurisdiction Number: 22100
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<p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 3 <input type="checkbox"/></p> <p>5. Is this a worst case? No <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 1196 ft² <input type="checkbox"/></p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>160.0 ft² <input type="checkbox"/></td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>160.0 ft² <input type="checkbox"/></td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> </tr> </table> <p>8. 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Glass/Floor Area: 0.13	Total as-built points: 16364	PASS
	Total base points: 20951	

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

PREPARED BY: Larry Resmundo A/c

DATE: May 17, 2006

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

OWNER/AGENT: [Signature]

DATE: 6-30-06

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.
EnergyGauge® (Version: FLRCSB v4.0)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE	AS-BUILT																																											
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Type/SC</th> <th colspan="3">Overhang</th> <th rowspan="2">Area X SPM X SOF = Points</th> </tr> <tr> <th>Ornt</th> <th>Len</th> <th>Hgt</th> </tr> </thead> <tbody> <tr> <td>Double, Clear</td> <td>W</td> <td>1.5</td> <td>6.0</td> <td>90.0 38.52 0.91 3166.8</td> </tr> <tr> <td>Double, Clear</td> <td>E</td> <td>1.5</td> <td>6.0</td> <td>15.0 42.06 0.91 575.9</td> </tr> <tr> <td>Double, Clear</td> <td>S</td> <td>1.5</td> <td>6.0</td> <td>15.0 35.87 0.86 460.6</td> </tr> <tr> <td>Double, Clear</td> <td>N</td> <td>1.5</td> <td>6.0</td> <td>30.0 19.20 0.94 540.7</td> </tr> <tr> <td>Double, Clear</td> <td>S</td> <td>1.5</td> <td>3.0</td> <td>5.0 35.87 0.66 118.3</td> </tr> <tr> <td>Double, Clear</td> <td>E</td> <td>1.5</td> <td>3.0</td> <td>5.0 42.06 0.73 152.6</td> </tr> <tr> <td colspan="4">As-Built Total:</td> <td>160.0 5014.8</td> </tr> </tbody> </table>	Type/SC	Overhang			Area X SPM X SOF = Points	Ornt	Len	Hgt	Double, Clear	W	1.5	6.0	90.0 38.52 0.91 3166.8	Double, Clear	E	1.5	6.0	15.0 42.06 0.91 575.9	Double, Clear	S	1.5	6.0	15.0 35.87 0.86 460.6	Double, Clear	N	1.5	6.0	30.0 19.20 0.94 540.7	Double, Clear	S	1.5	3.0	5.0 35.87 0.66 118.3	Double, Clear	E	1.5	3.0	5.0 42.06 0.73 152.6	As-Built Total:				160.0 5014.8
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WALL TYPES Area X BSPM = Points	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>R-Value</th> <th>Area X SPM = Points</th> </tr> </thead> <tbody> <tr> <td>Adjacent</td> <td>0.0</td> <td>0.00 0.0</td> </tr> <tr> <td>Exterior</td> <td>1094.0</td> <td>1.70 1859.8</td> </tr> <tr> <td colspan="2">Base Total:</td> <td>1094.0 1859.8</td> </tr> <tr> <td colspan="2">As-Built Total:</td> <td>1094.0 1619.1</td> </tr> </tbody> </table>	Type	R-Value	Area X SPM = Points	Adjacent	0.0	0.00 0.0	Exterior	1094.0	1.70 1859.8	Base Total:		1094.0 1859.8	As-Built Total:		1094.0 1619.1																												
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SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE			AS-BUILT					
Summer Base Points: 15382.5			Summer As-Built Points: 15237.6					
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
15382.5	0.4266	6562.2	(sys 1: Central Unit 24000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 15238	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	4551.4
15382.5	0.4266	6562.2	15237.6	1.00	1.138	0.263	1.000	4551.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1196.0	12.74	2742.7	Double, Clear	W	1.5	6.0	90.0	20.73	1.02	1909.3
				Double, Clear	E	1.5	6.0	15.0	18.79	1.04	291.9
				Double, Clear	S	1.5	6.0	15.0	13.30	1.12	222.9
				Double, Clear	N	1.5	6.0	30.0	24.58	1.00	739.1
				Double, Clear	S	1.5	3.0	5.0	13.30	1.64	109.0
				Double, Clear	E	1.5	3.0	5.0	18.79	1.12	105.2
As-Built Total:								160.0	3377.5		
WALL TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM = Points			
Adjacent	0.0	0.00	0.0			Frame, Wood, Exterior	13.2	1094.0	3.36 3675.8		
Exterior	1094.0	3.70	4047.8								
Base Total:	1094.0		4047.8			As-Built Total:		1094.0	3675.8		
DOOR TYPES				Area X BWPM = Points		Type		Area X WPM = Points			
Adjacent	0.0	0.00	0.0			Exterior Wood		42.0	12.30 516.6		
Exterior	42.0	12.30	516.6								
Base Total:	42.0		516.6			As-Built Total:		42.0	516.6		
CEILING TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM X WCM = Points			
Under Attic	1196.0	2.05	2451.8			Under Attic	30.0	1196.0	2.05 X 1.00 2451.8		
Base Total:	1196.0		2451.8			As-Built Total:		1196.0	2451.8		
FLOOR TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM = Points			
Slab	144.0(p)	8.9	1281.6			Slab-On-Grade Edge Insulation	0.0	144.0(p)	18.80 2707.2		
Raised	0.0	0.00	0.0								
Base Total:			1281.6			As-Built Total:		144.0	2707.2		
INFILTRATION				Area X BWPM = Points				Area X WPM = Points			
	1196.0	-0.59	-705.6					1196.0	-0.59 -705.6		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
----------------	-----------

BASE			AS-BUILT					
Winter Base Points: 10334.8			Winter As-Built Points: 12023.3					
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
10334.8	0.6274	6484.1	(sys 1: PTHP 24000 btuh ,EFF(3.5) Ducts:Unc(S),Unc(R),Int(AH),R6.0 12023.3	1.000	(1.069 x 1.169 x 0.93)	0.286	1.000	3992.4
10334.8	0.6274	6484.1	12023.3	1.00	1.162	0.286	1.000	3992.4

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
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BASE	AS-BUILT
WATER HEATING	
Number of Bedrooms X Multiplier = Total	Tank Volume EF Number of Bedrooms X Tank X Multiplier X Credit = Total
3 2635.00 7905.0	40.0 0.93 3 1.00 2606.67 1.00 7820.0
	As-Built Total: 7820.0

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
6562		6484		7905		20951	4551		3992		7820		16364

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 of 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 circuit 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

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.0

The higher the score, the more efficient the home.

DON AND CINDY EVANS, , , ,

<p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 3 <input type="checkbox"/></p> <p>5. Is this a worst case? No <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 1196 ft² <input type="checkbox"/></p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%; text-align: center;">Description</td> <td style="width: 30%; text-align: center;">Area</td> <td style="width: 10%;"></td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>160.0 ft²</td> <td><input type="checkbox"/></td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>160.0 ft²</td> <td><input type="checkbox"/></td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> <td></td> </tr> </table> <p>8. Floor types</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 30%; text-align: center;">R=0.0, 144.0(p) ft</td> <td style="width: 30%;"></td> <td style="width: 10%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>9. Wall types</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 30%; text-align: center;">R=13.2, 1094.0 ft²</td> <td style="width: 30%;"></td> <td style="width: 10%;"><input type="checkbox"/></td> </tr> <tr> <td>b. 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N/A			<input type="checkbox"/>	<p>12. Cooling systems</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">a. Central Unit</td> <td style="width: 60%;">Cap: 24.0 kBtu/hr</td> </tr> <tr> <td></td> <td>SEER: 13.00</td> </tr> <tr> <td>b. N/A</td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td><input type="checkbox"/></td> </tr> </table> <p>13. Heating systems</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">a. PTHP</td> <td style="width: 60%;">Cap: 24.0 kBtu/hr</td> </tr> <tr> <td></td> <td>COP: 3.50</td> </tr> <tr> <td>b. N/A</td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td><input type="checkbox"/></td> </tr> </table> <p>14. Hot water systems</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">a. 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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. EnergyGauge® (Version: FLRCSB v4.0)

MASTER

FROM : LYNCH WELL DRILLING 752-1477

PHONE NO. : 7526677

MAR. 13 2002 02:22PM P1



AMTROL INC.



WEL-FLO[®] Pre-pressurized Water System Tanks

- Proven Diaphragm Design
- Tough Glass Finish
- Sizes from 14 to 119 Gallons
- Outstanding Value



Pump and Tank Code
Section 613

Well Pumps and Tanks used for private potable water
systems

~~July 1, 2001~~ *March 1, 2003*

NEW HOME CONST ONLY

613.1 Pumps. Well pumps used for potable water shall comply with sections 613.1.1 and 613.1.2
613.1.1 Pump Installation. Pumps shall be installed for operation without re-priming or breaking suction. Pumps shall be connected to the well head by means of a union, companion flange or compression coupling in such a manner that it is accessible for maintenance, repair and removal.
613.1.2 Pump Sizing. Minimum pump size shall be determined by table 613.1.

Table 613.1
Minimum Private Potable Water System Pump Size

Minimum Pump Size	Bathrooms in Home				
	1	1 1/2	2-2 1/2	3-4	5-6
	7gpm	10gpm	14gpm	17gpm	21gpm

Notes:

- Values given are average and do not include high and low extremes
 - Installations over 6 bathrooms shall be approved by the code official
- 613.2 Pressure Tanks. Tanks relying on expansion of a flexible membrane within a restricting container, or tanks with direct water-to-air interface to provide pressure in the water system shall be used. All pressure tanks for storing potable water under pressure, including those having an airspace for pressure for expansion shall be identified by seal, label, or plate indicating the manufacturer's name and model number and shall meet the following specifications:

- Pressure tank drawdown shall be a minimum of 1 gallon for every gallon produced by the pump (Example: 20 gallon per minute pump will require a draw of 20 gallons usable). Exceptions: Pump start applications, constant pressure devices and variable speed pumps.
- Pressure tanks must be constructed of steel, fiberglass, or comparable materials. Tanks to be buried shall have a minimum wall thickness of 1/4 inch and be built by the manufacture specifically for underground use. Fiberglass or other non-metallic tanks to be buried shall have the structural strength to prevent collapse.

613.3 Piping. Piping associated with well pumps and tanks shall comply with Sections 613.3.1 through 613.3.

613.3.1 Drop Pipe. The Drop pipe from the submersible pump to the first fitting past the well seal shall be either galvanized steel, stainless steel, or PVC Schedule 80 threaded/coupled or lock joint pipe. The drop pipe for a single (pipe) jet pump shall be either galvanized steel, or stainless steel. The drop pipe for a double (pipe) jet shall be galvanized steel, stainless steel on the suction side and/or minimum PVC Schedule 40 on the pressure side.

613.3.2 Pump Discharge pipe sizing. For submersible pumps, pipe size shall be equal to the pump discharge. Piping for all other types of pumps shall be sized in accordance to the manufacturers' specifications.

613.3.3 Pressure Tank Pipe Sizing. Piping size for the offset of the pressure tank shall use the piping friction loss charts for the piping material used.

613.4 Electrical wiring. All wiring shall be installed in accordance with chapter 27 of the Florida Building code and NFPA 70.

613.5 Disinfection. The pump installer shall disinfect any potable well and water system in accordance with Section 610.

613.6 Valves. A pressure relief valve shall be installed on any pumping system that can produce pressures of 75 psi or greater. A check valve shall be installed at the well head of submersible pumps.

* Cycle Stop valves ARE CONSTANT PRESS DEVICE

* Counties may Add Higher Demands

828 322 7857

DSI - JOAN

DSI - UCALA

4001/00

PROLINE INC.

WELL-X-TROL 5

Assurized Diaphragm Well Tanks

CHAMPION, WEL-FLO, PRO-LINE See Nat Sheet

Model / Part No.	List Price (\$)	Diameter (ins)	Dimensions Height (ins)	Total Volume (gals)	Max. Accept Factor	System Drawdown 20/40 (gals)	30/50 (gals)	40/60 (gals)	Shipping Wt. (Vol.) lbs (cu ft)
CH 4202/WF60/CA4202	213.00	15 3/4	31 1/4	20.0	0.57	8.0	6.8	5.9	33 (4.9)
CH 6000/WF80/CA6000	225.00	15 3/4	38 3/4	26.0	0.44	10.5	8.8	7.6	36.0
CH 8003/WF100/CA8003	364.00	15 3/4	46 3/4	32.0	0.35	-	10.9	9.4	43 (7.0)
CH 8205/WF110/CA8205	399.00	22	29 3/4	34.0	1.00	13.7	11.6	10.0	61 (9.6)
CH 10050/WF140/CA10050	461.00	22	36	44.0	0.77	17.7	15.0	13.0	69 (11.0)
CH 12051/WF200/CA12051	545.00	22	46 3/4	62.0	0.55	24.9	21.1	18.3	92 (13.9)
CH 17255/WF255/CA17255	585.00	22	56 3/4	81.0	0.41	32.6	27.5	23.9	103
CH 17252/WF252/CA17252	653.00	22	62 3/4	86.0	0.39	34.6	29.2	25.4	114 (18.1)
CH 17002/WF260/CA17002	647.00	26	47 3/4	86.0	0.54	34.6	29.2	25.4	123 (18.9)
CH 22050/WF360/CA22050	922.00	26	51 3/4	119.0	0.39	47.8	40.5	35.1	166 (24.5)

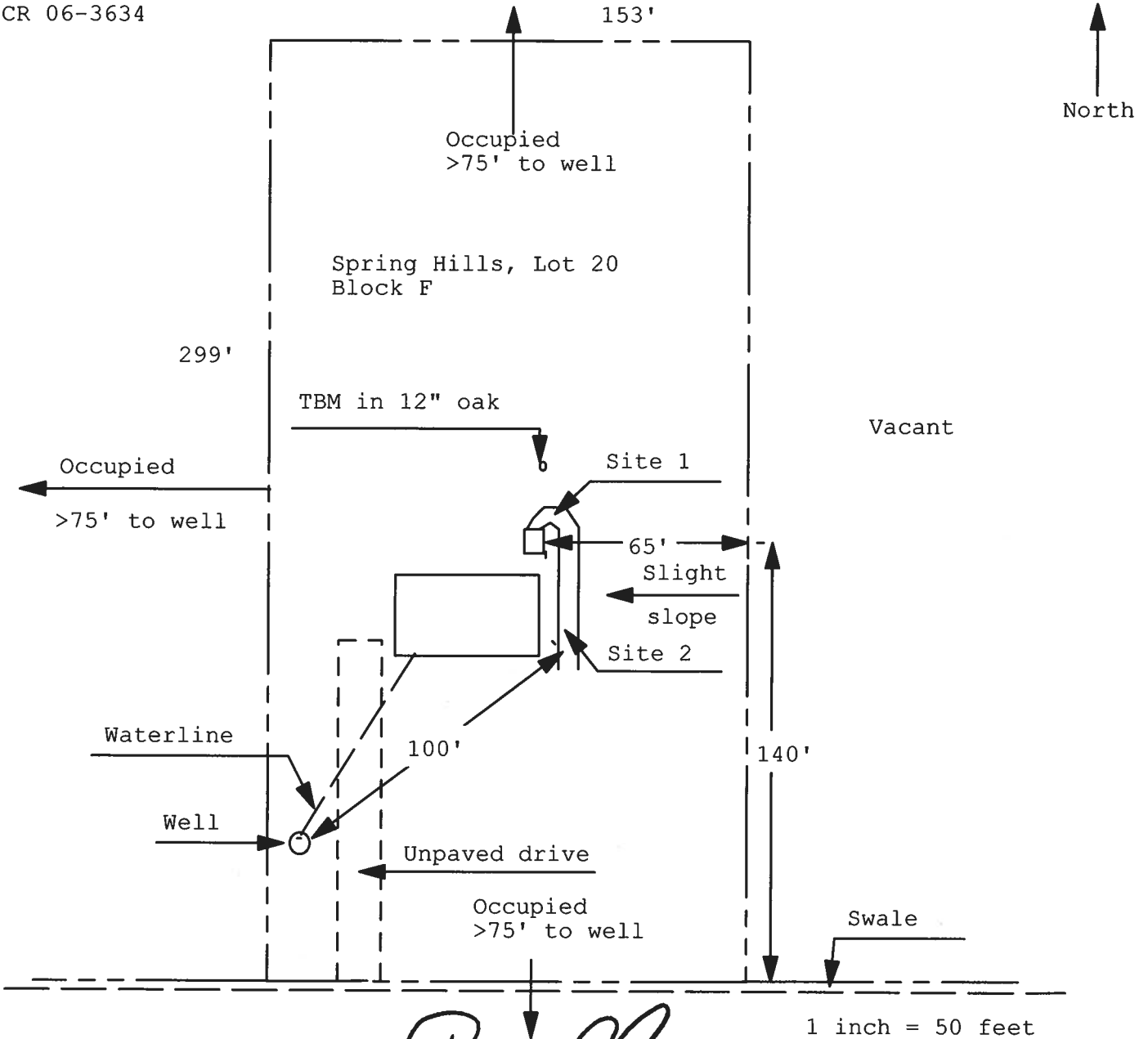
CH4202, CH8000, CH8003, WF60, WF80, W1100, CA 4202, CA6000, & CA8003 have a 1" NPTF system connection and a 28 psig pre-charge.

CH17255, CH17252, CH17002, CH22050 have a 1 1/2" NPTF system connection and a 39 psig pre-charge.

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
 Permit Application Number: 06-0709N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

EVANS/CR 06-3634



Site Plan Submitted By *Paul Lopez* Date 8/7/06
 Plan Approved Not Approved Date 8/11/06

By *M 22* Columbia CPHU

Notes: _____



DUCT SYSTEM SUMMARY

Entire House

LARRY RESMONDO A/C

Job: EVANS RESIDENCE
5/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: WOODMAN PARK BUILDERS
P.O. BOX 3535, LAKE CITY, FL 32056
Phone: 386-755-2411 Fax: 386-755-1126

	HEATING	COOLING
External Static Pressure:	0.10 in H2O	0.00 in H2O
Pressure Losses:	0.50 in H2O	0.50 in H2O
Available Static Pressure:	-0.4 in H2O	-0.5 in H2O
Friction Rate:	0.100 in/100ft	0.100 in/100ft
Actual AVF:	1150 cfm	1150 cfm

Total Effective Length (TEL): 165 ft

Supply Branch Detail Table

Name	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trnk
WHOLE HOUSE	3618	3630	192	192	0.100	718	7	0x 0	ShMt	st1
WHOLE HOUSE-A	3614	3629	192	192	0.100	717	7	0x 0	ShMt	st1A
WHOLE HOUSE-B	3614	3629	192	192	0.100	717	7	0x 0	ShMt	st1A
WHOLE HOUSE-C	3614	3629	192	192	0.100	717	7	0x 0	ShMt	st1B
WHOLE HOUSE-D	3614	3629	192	192	0.100	717	7	0x 0	ShMt	st1
WHOLE HOUSE-E	3614	3629	192	192	0.100	717	7	0x 0	ShMt	st1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	1150	1150	824	16	0 x 0	ShtMetl	
st1A	Peak AVF	575	575	871	11	0 x 0	ShtMetl	st1
st1B	Peak AVF	192	192	717	7	0 x 0	ShtMetl	st1A

Return Branch Detail Table

Name	Diffus Sz (in)	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trunk
rb1	0 x 0	21687	21776	1150	1150	0.100	651	18	0x 0	ShMt	

Bold/italic values have been manually overridden



RIGHT-J BUILDING ANALYSIS REPORT

Entire House

LARRY RESMONDO A/C

Job: EVANS RESIDENCE
5/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

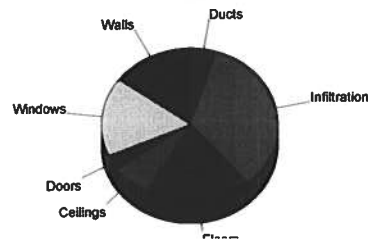
For: WOODMAN PARK BUILDERS
P.O. BOX 3535, LAKE CITY, FL 32056
Phone: 386-755-2411 Fax: 386-755-1126

Design Information

	Htg	Clg	Method	Infiltration	Simplified
Outside db (°F)	33	92	Construction quality		Average
Inside db (°F)	70	75	Fireplaces		0
Design TD (°F)	37	17			
Daily range	-	M			
Inside humidity (%)	-	50			
Moisture difference (gr/lb)	-	52			

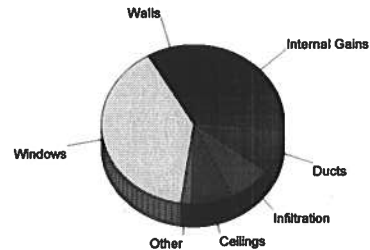
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	3.0	3238	14.9
Windows	22.5	3605	16.6
Doors	17.0	715	3.3
Ceilings	1.2	1460	6.7
Floors	30.0	4316	19.9
Infiltration	36.2	7316	33.7
Ducts		1033	4.8
Total		21683	100.0



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	1.6	1803	8.3
Windows	53.7	8596	39.5
Doors	9.5	398	1.8
Ceilings	1.4	1618	7.4
Floors	0.0	0	0.0
Infiltration	8.3	1681	7.7
Ducts		1980	9.1
Internal gains		5700	26.2
Total		21775	100.0



Cooling at 85 % SHR = 2.1 ton
Cooling at 70 % SHR = 2.5 ton

Cooling air flow = 553 cfm/ton
Cooling at 400 cfm/ton = 2.9 ton

Overall U-Value = 0.137 Btuh/ft²·°F

Data entries checked.



RIGHT-J LOAD AND EQUIPMENT SUMMARY

Entire House

LARRY RESMONDO A/C

Job: EVANS RESIDENCE
5/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: WOODMAN PARK BUILDERS
P.O. BOX 3535, LAKE CITY, FL 32056
Phone: 386-755-2411 Fax: 386-755-1126

Notes:

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

Building heat loss 21683 Btuh
Ventilation air 0 cfm
Ventilation air loss 0 Btuh
Design heat load 21683 Btuh

Sensible Cooling Equipment Load Sizing

Structure 21775 Btuh
Ventilation 0 Btuh
Design temperature swing 3.0 °F
Use mfg. data n
Rate/swing multiplier 0.97
Total sens. equip. load 21122 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 0

	Heating	Cooling
Area (ft ²)	1196	1196
Volume (ft ³)	10764	10764
Air changes/hour	1.0	0.5
Equiv. AVF (cfm)	180	90

Latent Cooling Equipment Load Sizing

Internal gains 690 Btuh
Ventilation 0 Btuh
Infiltration 3151 Btuh
Total latent equip. load 3841 Btuh

Total equipment load 24963 Btuh

Heating Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-024JA

Efficiency 8.0 HSPF
Heating input 0 Btuh
Heating output 0 Btuh
Heating temp rise 0 °F
Actual heating fan 1150 cfm
Heating air flow factor 0.053 cfm/Btuh

Space thermostat

Cooling Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-024JA
UBHJ-17+RCHJ-24A2
Efficiency 13.0 SEER
Sensible cooling 16520 Btuh
Latent cooling 7080 Btuh
Total cooling 23600 Btuh
Actual cooling fan 1150 cfm
Cooling air flow factor 0.053 cfm/Btuh

Load sensible heat ratio 85 %

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



RIGHT-J SHORT FORM Entire House

LARRY RESMONDO A/C

Job: EVANS RESIDENCE
5/18/06

715 NW 1ST AVE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoac@netcommander.com

Project Information

For: WOODMAN PARK BUILDERS
P.O. BOX 3535, LAKE CITY, FL 32056
Phone: 386-755-2411 Fax: 386-755-1126

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	92	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	17	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	52		

HEATING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-024JA

Efficiency 8.0 HSPF

Heating input 0 Btuh
Heating output 0 Btuh
Heating temperature rise 0 °F
Actual heating fan 1150 cfm
Heating air flow factor 0.053 cfm/Btuh

COOLING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-024JA
UBHJ-17+RCHJ-24A2

Efficiency 13.0 SEER

Sensible cooling 16520 Btuh
Latent cooling 7080 Btuh
Total cooling 23600 Btuh
Actual cooling fan 1150 cfm
Cooling air flow factor 0.053 cfm/Btuh

Space thermostat

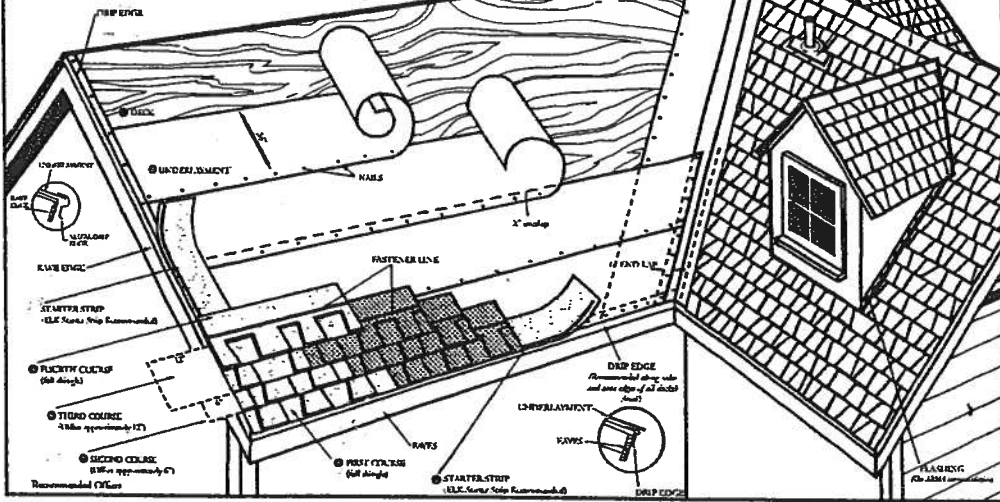
Load sensible heat ratio 85 %

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
WHOLE HOUSE	1196	21683	21775	1150	1150
Entire House	d 1196	21683	21775	1150	1150
Ventilation air		0	0		
Equip. @ 0.97 RSM			21122		
Latent cooling			3841		
TOTALS	1196	21683	24963	1150	1150

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

DIRECTIONS FOR APPLICATION

Please read and follow these instructions carefully to ensure proper installation. (Typical construction for illustration purposes only)



VALLEY CONSTRUCTION OPTIONS

Callouts Open and Callouts Closed are the complete details.



NOTE: For complete details, refer to the ARMA roofing installation guide.

DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void Elk's product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

DECK PREPARATION

Roof decks should be dry, well-seasoned 1"x6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt, Elk Versashield® or self-adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two piles of underlayment overlapping a minimum of 15". Begin by fastening a 15" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two piles of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof.

SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6". Other offsets are approved if greater than 4".

THIRD COURSE

Offset the next course by 6" with respect to the second course, or consistent with the original offset.

FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 8" of valley center.

RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" 2" Ridge or Seal-A-Ridge® with formula FLX™ or RidgeCrest® with FLX (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

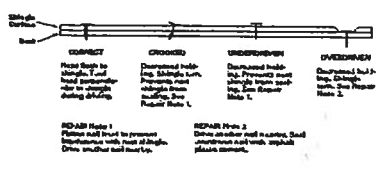
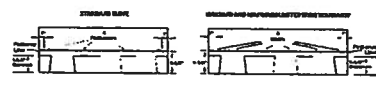
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4" of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.

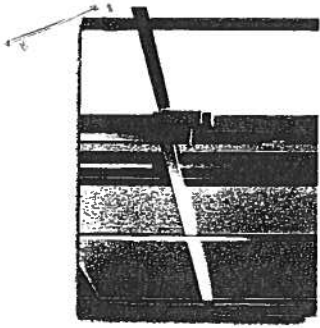


Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.



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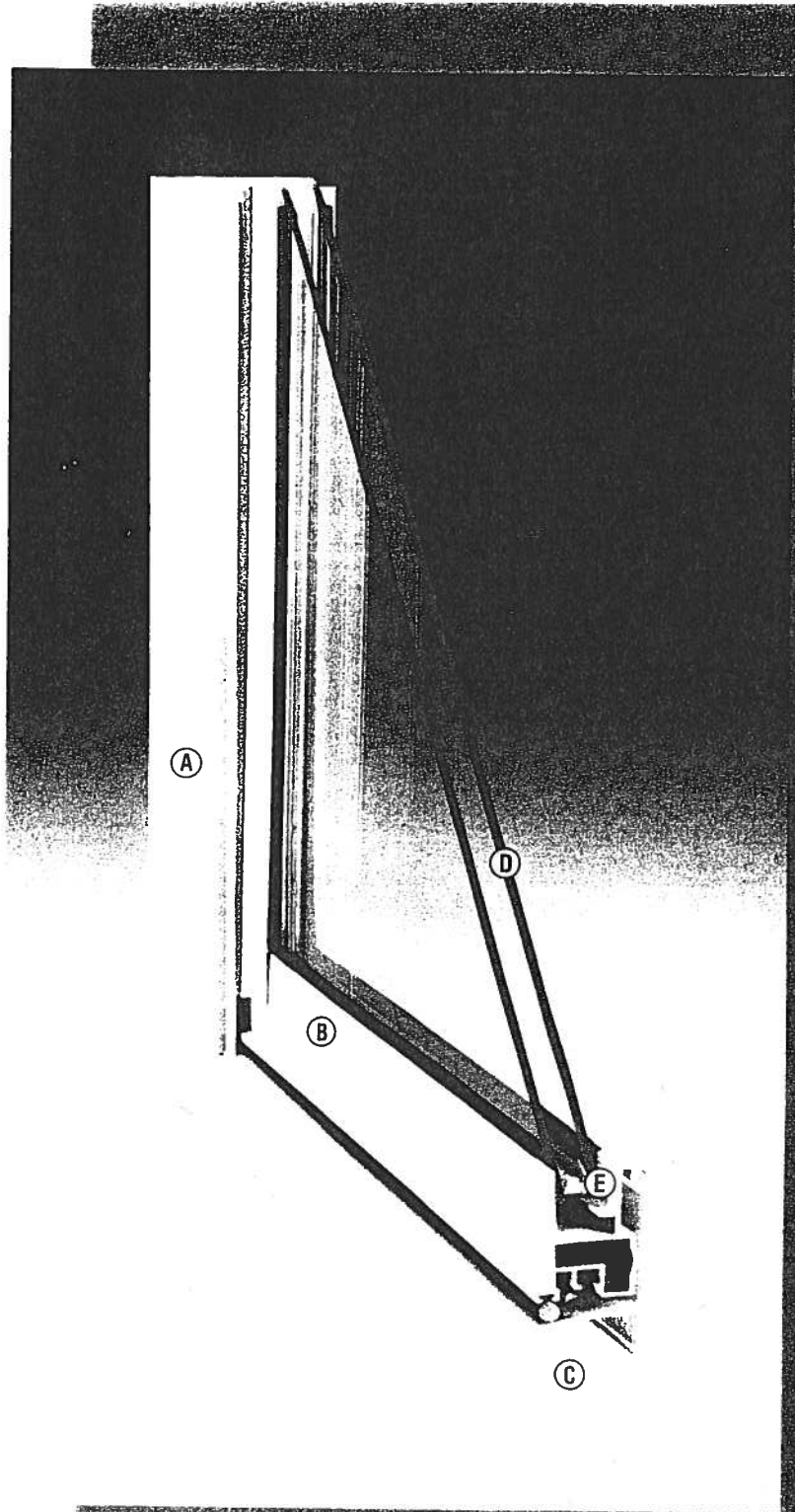
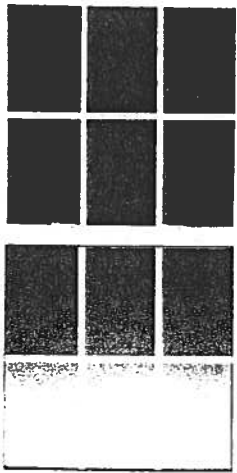


650 SERIES

Non-Thermal Single Hung Aluminum Windows

**Ideal for warmer climates,
this durable single hung offers
plenty of features.**

- Aluminum Tilt-Single Hung
- Block & Tackle Balance
- Sweep Lock System at Meeting Rail
- Inside Removable Meeting Rail for Easy Drywall Pass Thru.
- Interlock System at Meeting Rail
- Optional Decorative Grids Between the Glass
- Complete Specialty Window and Mulling Accessories Available
- AAMA Labeled and NFRC Certified



- A** Aluminum Main Frame
- B** Aluminum Sash
- C** 2 3/8" Frame Depth
- D** 5/8" Insulated Glass
- E** Removable Bottom Glass Is Marine Glazed In Sash Frame~
Removable Top Glass Is Drop-In Tape Glazed In Main Frame

CAPITOL™
WINDOWS AND DOORS

650 SERIES

Single Hung Opening Specifications

NOMINAL UNIT SIZE	SASH RAISED SQ. FT. CLEAR OPENING	SASH RAISED CLEAR OPENING WIDTH X HEIGHT (INCH x INCH)	SASH REMOVED SQ. FT. CLEAR OPENING	SASH REMOVED CLEAR OPENING WIDTH X HEIGHT (INCH x INCH)	VENT AREA SQ. FT.	VISIBLE LITE SQ. FT.	SCREEN SIZE WIDTH x HEIGHT	GLASS SIZE WIDTH x HEIGHT
2'0 x 3'0	1.68	18 1/8 x 13 5/16	1.93	18 1/8 x 15 5/16	1.91	3.72	19 1/4 x 17	19 x 16
2'0 x 4'0	2.43	18 1/8 x 19 5/16	2.68	18 1/8 x 21 5/16	2.65	5.21	19 1/4 x 23	19 x 22
2'0 x 4'4	2.68	18 1/8 x 21 5/16	2.93	18 1/8 x 23 5/16	2.90	5.71	19 1/4 x 25	19 x 24
2'0 x 5'0	3.19	18 1/8 x 25 5/16	3.44	18 1/8 x 27 5/16	3.39	6.70	19 1/4 x 29	19 x 28
2'0 x 6'0	3.94	18 1/8 x 31 5/16	4.19	18 1/8 x 33 5/16	4.13	8.19	19 1/4 x 35	19 x 34
2'0 x 6'0 ORIEL	3.19	18 1/8 x 25 5/16	3.44	18 1/8 x 27 5/16	3.39	8.19	19 1/4 x 29	19 x 40 TOP 19 x 28 BOTTOM
2'4 x 3'0	2.05	22 1/8 x 13 5/16	2.35	22 1/8 x 15 5/16	2.34	4.56	23 1/4 x 17	23 x 16
2'4 x 4'0	2.97	22 1/8 x 19 5/16	3.27	22 1/8 x 21 5/16	3.25	6.38	23 1/4 x 23	23 x 22
2'4 x 4'0	3.27	22 1/8 x 21 5/16	3.58	22 1/8 x 23 5/16	3.55	6.99	23 1/4 x 25	23 x 24
2'4 x 5'0	3.89	22 1/8 x 25 5/16	4.20	22 1/8 x 27 5/16	4.15	8.20	23 1/4 x 29	23 x 28
2'4 x 6'0	4.81	22 1/8 x 31 5/16	5.12	22 1/8 x 33 5/16	5.06	10.03	23 1/4 x 35	23 x 34
2'4 x 6'0 ORIEL	3.89	22 1/8 x 25 5/16	4.20	22 1/8 x 27 5/16	4.15	10.03	23 1/4 x 29	23 x 40 TOP 23 x 28 BOTTOM
2'8 x 3'0	2.42	26 1/8 x 13 5/16	2.78	26 1/8 x 15 5/16	2.77	5.39	27 1/4 x 17	27 x 16
2'8 x 4'0	3.50	26 1/8 x 19 5/16	3.87	26 1/8 x 21 5/16	3.84	7.55	27 1/4 x 23	27 x 22
2'8 x 4'4	3.87	26 1/8 x 21 5/16	4.23	26 1/8 x 23 5/16	4.20	8.27	27 1/4 x 25	27 x 24
2'8 x 5'0	4.59	26 1/8 x 25 5/16	4.96	26 1/8 x 27 5/16	4.92	9.70	27 1/4 x 29	27 x 28
2'8 x 6'0	5.68	26 1/8 x 31 5/16	6.04	26 1/8 x 33 5/16	5.99	11.86	27 1/4 x 35	27 x 34
2'8 x 6'0 ORIEL	4.59	26 1/8 x 25 5/16	4.96	26 1/8 x 27 5/16	4.92	11.86	27 1/4 x 29	27 x 40 TOP 27 x 28 BOTTOM
3'0 x 3'0	2.78	30 1/8 x 13 5/16	3.20	30 1/8 x 15 5/16	3.20	6.22	31 1/4 x 17	31 x 16
3'0 x 4'0	4.04	30 1/8 x 19 5/16	4.46	30 1/8 x 21 5/16	4.44	8.71	31 1/4 x 23	31 x 22
3'0 x 4'4	4.46	30 1/8 x 21 5/16	4.88	30 1/8 x 23 5/16	4.86	9.54	31 1/4 x 25	31 x 24
3'0 x 5'0	5.30	30 1/8 x 25 5/16	5.71	30 1/8 x 27 5/16	5.68	11.20	31 1/4 x 29	31 x 28
3'0 x 6'0	6.55	30 1/8 x 31 5/16	6.97	30 1/8 x 33 5/16	6.92	13.69	31 1/4 x 35	31 x 34
3'0 x 6'0 ORIEL	5.30	30 1/8 x 25 5/16	5.71	30 1/8 x 27 5/16	5.68	13.69	31 1/4 x 29	31 x 40 TOP 31 x 28 BOTTOM
3'4 x 4'0	4.58	34 1/8 x 19 5/16	5.05	34 1/8 x 21 5/16	5.04	9.88	35 1/4 x 23	35 x 22
3'4 x 4'4	5.05	34 1/8 x 21 5/16	5.52	34 1/8 x 23 5/16	5.51	10.82	35 1/4 x 25	35 x 24
3'4 x 5'0	6.00	34 1/8 x 25 5/16	6.47	34 1/8 x 27 5/16	6.45	12.70	35 1/4 x 29	35 x 28
3'4 x 6'0 ORIEL	6.00	34 1/8 x 25 5/16	6.47	34 1/8 x 27 5/16	6.45	15.53	35 1/4 x 29	35 x 40 TOP 35 x 28 BOTTOM
3'8 x 4'0	5.11	38 1/8 x 19 5/16	5.64	38 1/8 x 21 5/16	5.64	11.05	39 1/4 x 23	39 x 22
3'8 x 4'4	5.64	38 1/8 x 21 5/16	6.17	38 1/8 x 23 5/16	6.16	12.10	39 1/4 x 25	39 x 24
3'8 x 5'0	6.70	38 1/8 x 25 5/16	7.23	38 1/8 x 27 5/16	7.21	14.20	39 1/4 x 29	39 x 28
3'8 x 6'0 ORIEL	6.70	38 1/8 x 25 5/16	7.23	38 1/8 x 27 5/16	7.21	17.36	39 1/4 x 29	39 x 40 TOP 39 x 28 BOTTOM
4'0 x 4'0	5.65	42 1/8 x 19 5/16	6.23	42 1/8 x 21 5/16	6.23	12.21	43 1/4 x 23	43 x 22
4'0 x 5'0	7.40	42 1/8 x 25 5/16	7.99	42 1/8 x 27 5/16	7.97	15.70	43 1/4 x 29	43 x 28
4'0 x 6'0 ORIEL	7.40	42 1/8 x 25 5/16	7.99	42 1/8 x 27 5/16	7.97	15.70	43 1/4 x 29	43 x 40 TOP 43 x 28 BOTTOM

650 SERIES

Non-Thermal Aluminum Single Hung & Specialty - Standard Window Unit Sizes Available

SINGLE HUNG WINDOW SIZES

CODE	2-0	2-4	2-8	3-0	3-4	3-8	4-0
ACTUAL SIZE	23 1/8	27 1/8	31 1/8	35 1/8	39 1/8	43 1/8	47 1/8
ROUGH OPENING	23 5/8	27 5/8	31 5/8	35 5/8	39 5/8	43 5/8	47 5/8
3-0	35 5/8						
4-0	47 5/8						
4-4	51 5/8						
5-0	59 5/8						
6-0	71 5/8						
6-0	71 5/8						
	Oriel	Oriel	Oriel	Oriel	Oriel	Oriel	Oriel

PICTURE WINDOW SIZES

CODE	2-0	3-0	4-0	5-0
ACTUAL SIZE	23 1/8	35 1/8	47 1/8	59 1/8
ROUGH OPENING	23 5/8	35 5/8	47 5/8	59 5/8
2-0				
3-0				
4-0				
5-0				
	Oriel	Oriel	Oriel	Oriel

ARCH TOP SIZES

CODE	4-0	5-0	5-4	6-0
ACTUAL SIZE	47 1/8	59 1/8	63 1/8	71 1/8
ROUGH OPENING	47 5/8	59 5/8	63 5/8	71 5/8
4-0				
5-0				
5-4				
6-0				
	Oriel	Oriel	Oriel	Oriel

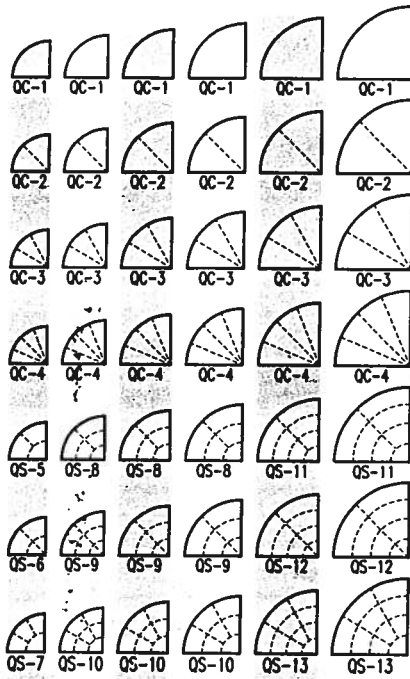


QUALITY CONTROL & TESTING
AAMA CERTIFICATION PROGRAM
 ACCREDITED BY: AMERICAN NATIONAL STANDARDS INSTITUTE
 Validator: ALI®
 CODE: MTL-4

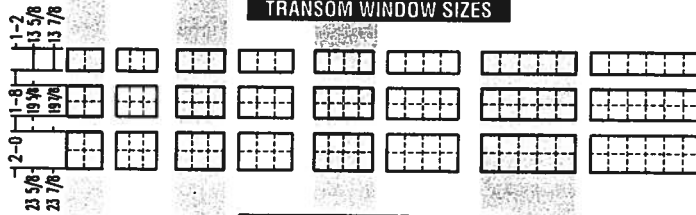


Some products may require special glazing options to meet certain Energy Star criteria. Contact your sales representative for more information.

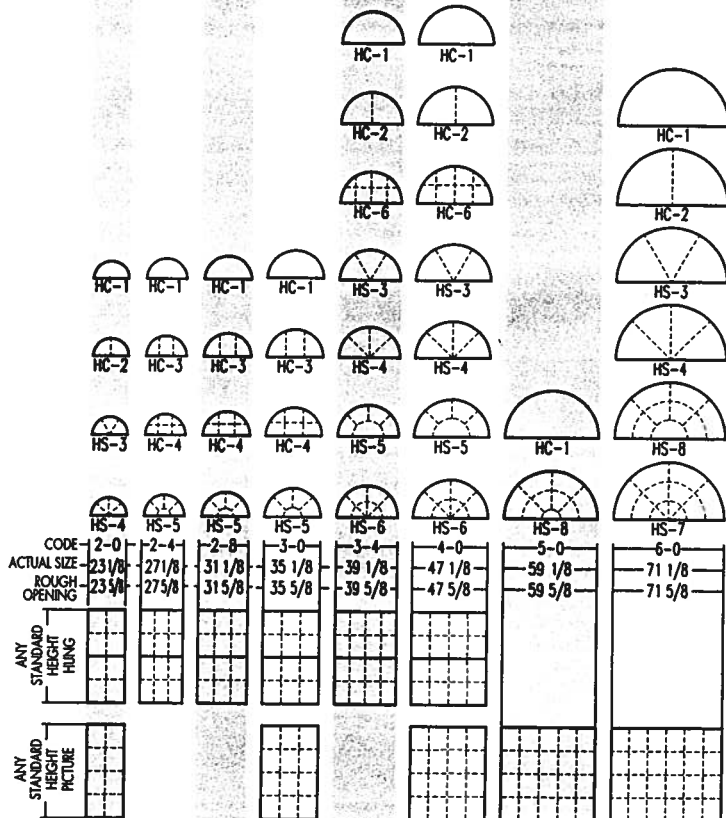
QUARTER CIRCLE WINDOW SIZES



TRANSOM WINDOW SIZES

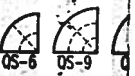
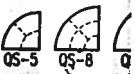
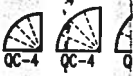
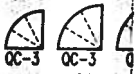
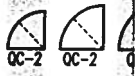
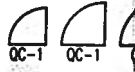


CIRCLE TOP WINDOW SIZES

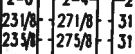


NOTE: Actual height of circle top = Actual width divided by 2 + 9/16"
 Rough Opening height of circle top = Actual Height (calculated above) + 1/2"

QUART



1-1-2			
1-8			
19 3/8			
19 7/8			
2-0			
23 5/8			
23 7/8			



CODE	2-0	2-4	2
ACTUAL SIZE	23 1/8	27 1/8	31
ROUGH OPENING	23 5/8	27 5/8	31

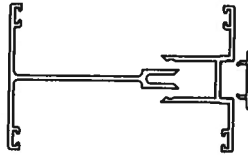
ANY STANDARD HEIGHT HUNG			
ANY STANDARD HEIGHT PICTURE			

NOTE: Actual
Rough

650 SERIES

*Non-Thermal Single Hung
Aluminum Windows*

MULLIONS AVAILABLE

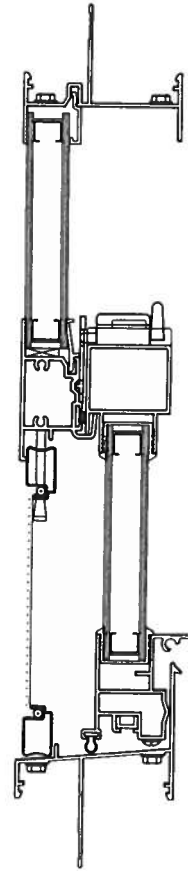


CM-45028
CM-45029 3-PIECE
CM-45030
1 1/16" ADD ON

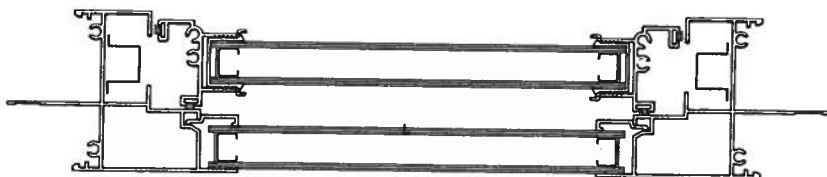


CM-65024 H-MULL
1/8" ADD ON

VERTICAL DETAIL



HORIZONTAL DETAIL



00RS

Dec. 28. 2001 5:03PM PREMOOR DICKSON 315 445 7029

3885 P. 12/32



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1363
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2907 FAX (305) 375-2909

PRODUCT CONTROL NOTICE OF ACCEPTANCE

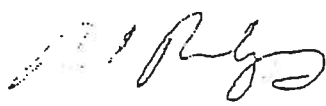
Premdor Entry Systems
One Premdor Drive
Dickson, TN 37055

Your application for Notice of Acceptance (NOA) of:
Energy SE Double Door w/sidelites - Inswing - Opnque-8'0" In a Wood Frame
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of
Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade
County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this
product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this
product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the
use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is
determined by BCCO that this product or material fails to meet the requirements of the South Florida
Building Code.

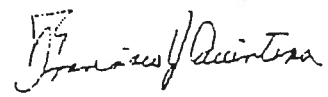
The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-1031.06
EXPIRES: 11/05/2006


Raul Padilla
Chief of the Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building
Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set
forth above.


Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

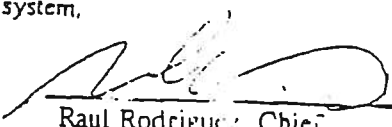
APPROVED: 12/11/2001

Dec. 28. 2001 5:04PM PREMDOR DICKSON 615 446 7229

8885 P. 13/52

Premdor Entry SystemsACCEPTANCE No.: 01-1031.06APPROVED: December 11, 2001EXPIRES: November 5, 2006NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE
 - 1.1 This renews Notice of Acceptance (NOA) No. 00-0720.10, which was issued on November 09, 2000. It renews the approval of a residential insulated steel door, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.
2. PRODUCT DESCRIPTION
 - 2.1 The Series "Entergy" Inswing Opaque Double Residential Insulated Steel Doors (Metal Edge) with Sidelites 8' 0" High - Impact Resistant Door Slab Only and its components shall be constructed in strict compliance with the following document: Drawing No 31-1034-EM-L, Sheets 1 through 6 of 6, titled "Premdor (Entergy Metal Edge) Double Door w/ Sidelites in Wood Frame w/ Bumper Threshold - 8' 0" Height (Inswing)," prepared by manufacturer, dated 6/15/98 and revised on 7/27/01, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.
3. LIMITATIONS
 - 3.1 This approval applies to single unit applications of pair of doors and single door with sidelites, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.
 - 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.
4. INSTALLATION
 - 4.1 The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.
 - 4.2 Hurricane protection system (shutters):
 Door Slab: The installation of this unit will not require a hurricane protective system.
 Sidelites: The installation of these units will require a hurricane protective system.
5. LABELING
 - 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".
6. BUILDING PERMIT REQUIREMENTS
 - 6.1 Application for building permit shall be accompanied by copies of the following:
 - 6.1.1 This Notice of Acceptance
 - 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
 - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


 Raul Rodriguez, Chief
 Product Control Division

Dec. 28. 2001 5:04PM PREMDOR DICKSON 615 446 7229

4885 9. 14/52

Premdor Entry Systems

ACCEPTANCE No. 01-1031.06

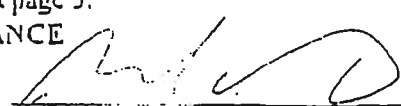
APPROVED: December 11, 2001

EXPIRES: November 5, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

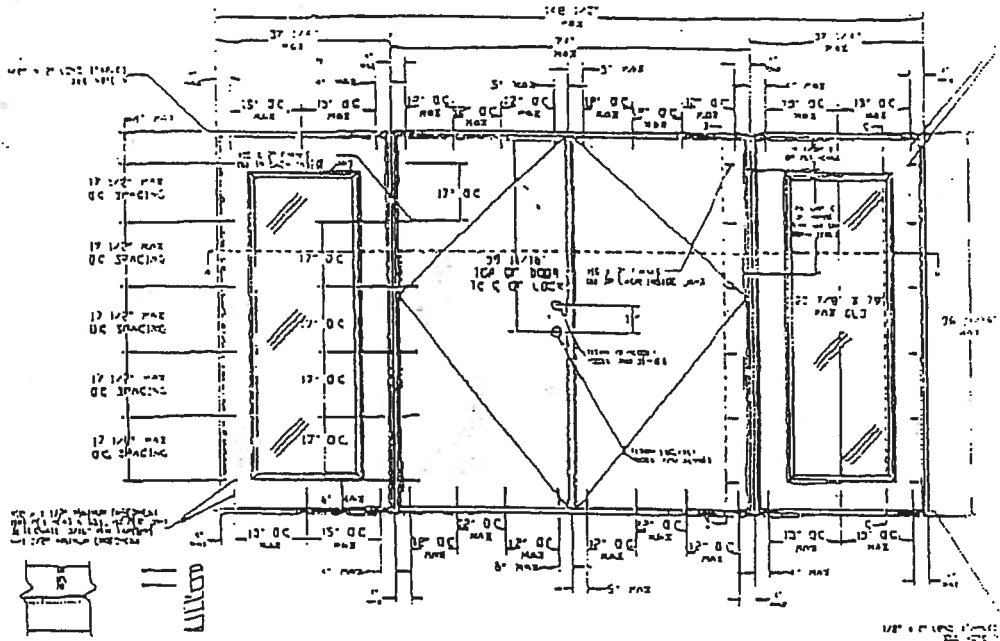
END OF THIS ACCEPTANCE



 Raul Rodriguez, Chief
 Product Control Division

Dec. 28. 2001 5:04PM PREMDOR DICKSON 615 446 7229
PREMDOR (ENERGY METAL EDGE) DOUBLE DOOR
WITH SIDELITES IN WOOD FRAMES
WITH BUMPER THRESHOLD-8'0" HEIGHT (INSWING)

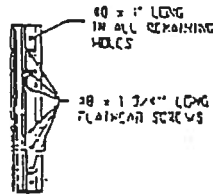
7 5885 P. 15/52



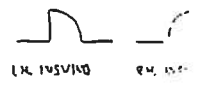
ATTACH ASTRAGAL THROUGH EACH STRIKE PLATE TO THE HEADER AND THRESHOLD WITH 1/2" x 2" FLATHEAD SCREWS

NOTES:
1.) WOOD BLOCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
2.) THE PRECEDING DRAWINGS ARE INTENDED TO SUPPLY THE FOLLOWING INSTALLATIONS:

- A. WOOD FRAME CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD OPENING
- B. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY STRUCTURAL WOOD BLOCK
- C. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL FIBER WOOD BLOCK
- 3. ALL ANCHORING SCREWS TO BE 1/2" WITH MINIMUM 1 1/2" EMBEDMENT INTO WOOD SUBSTRATE OR 3/16" PER TABERONS WITH 1 1/2" MINIMUM EMBEDMENT INTO MASONRY
- 4. GLAZED UNIT MUST BE INSTALLED WITH "MIAMI-DADC COUNTY APPROVED" STAPLES
- 5. THREE STAPLES PER SIDE JAMB INTO HEADER OR SIDELITE AND FOUR THREE STAPLES PER JAMB INTO THRESHOLD ON SIDELITES AND DOOR
- 6. LATEX SEALANT TO BE APPLIED AT SIDE BY SIDE JAMBS AND SIDELITES
- 7. DOOR/SIDELITE HEADERS, DOOR/SIDELITE JAMBS, AND SIDELITE BASE CORNERS ARE COPED AND BUTTED
- 8. DOORS SHALL BE PRE-PRIMED WITH AN ACRYLIC LATEX WATER-BASED/ WATER-REDUCIBLE WHITE PRIMER WITH A DFT FILM THICKNESS OF 08 TO 12 MIL.
- 9. FRAMES SHALL BE PRE-PRIMED WITH A WATER-BASED COAT PRIMER WITH A DFT FILM THICKNESS OF 12 TO 12 MIL.



ASTRAGAL



DESIGN PRESSURE RATINGS	
WHERE WATER INFILTRATION REQUIREMENT IS REQUIRED	WHERE WATER INFILTRATION REQUIREMENT IS NOT REQUIRED
Positive: NOT APPROVED	+14.3 psf
Negative: NOT APPROVED	-14.3 psf

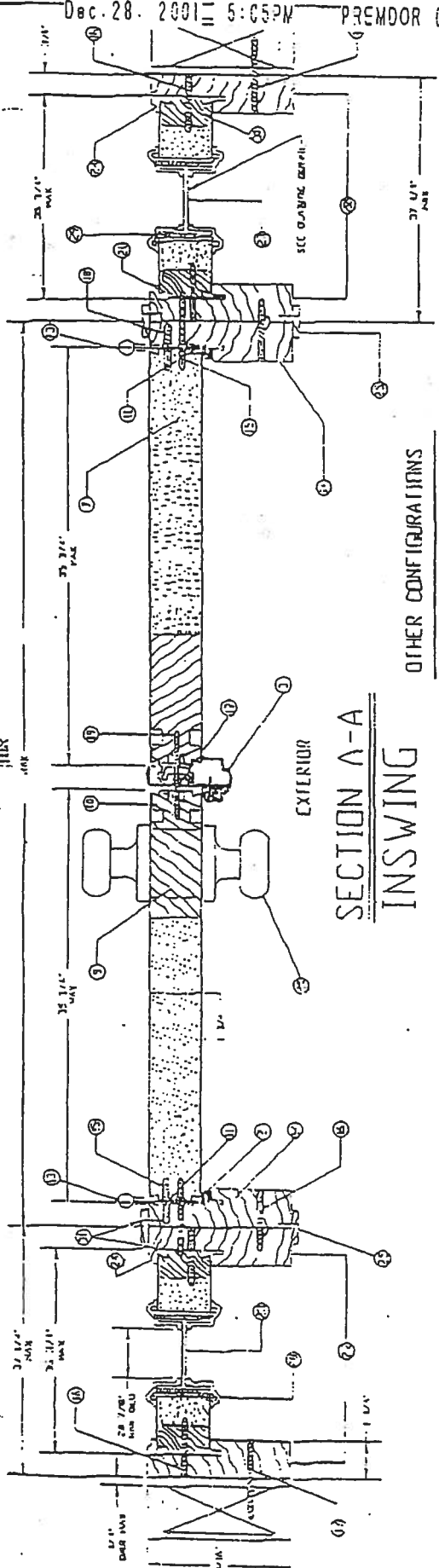
* UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES. (UNITS ARE NOT TO BE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.)

PRODUCT RENEWED

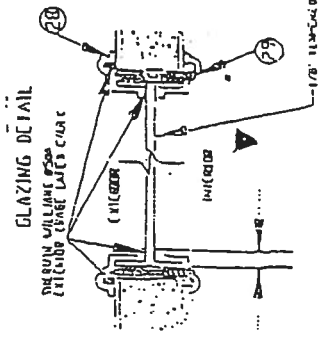
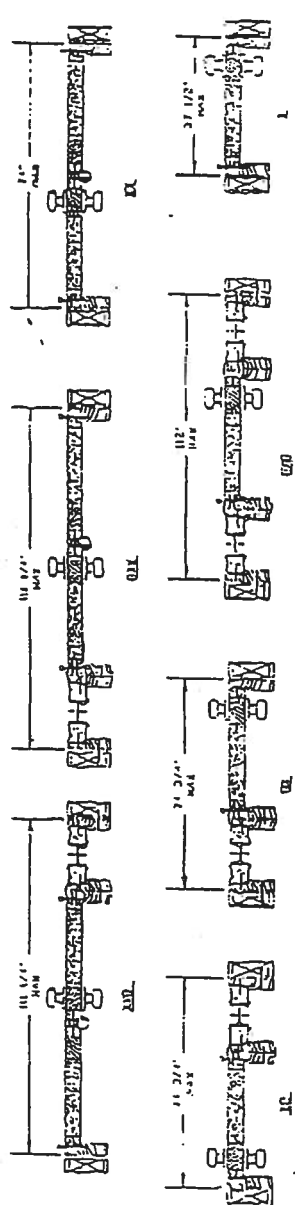
ACCEPTANCE NO. 01-1034-06
EXPIRATION DATE: November 5, 2006
BY: [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

1. THIS UNIT SHALL BE:	2. WOOD BLOCK 3.4	3. WOOD BLOCK 3.4	4. WOOD BLOCK 3.4
5. WOOD BLOCK 3.4	6. WOOD BLOCK 3.4	7. WOOD BLOCK 3.4	8. WOOD BLOCK 3.4
9. WOOD BLOCK 3.4	10. WOOD BLOCK 3.4	11. WOOD BLOCK 3.4	12. WOOD BLOCK 3.4
13. WOOD BLOCK 3.4	14. WOOD BLOCK 3.4	15. WOOD BLOCK 3.4	16. WOOD BLOCK 3.4
17. WOOD BLOCK 3.4	18. WOOD BLOCK 3.4	19. WOOD BLOCK 3.4	20. WOOD BLOCK 3.4
21. WOOD BLOCK 3.4	22. WOOD BLOCK 3.4	23. WOOD BLOCK 3.4	24. WOOD BLOCK 3.4
25. WOOD BLOCK 3.4	26. WOOD BLOCK 3.4	27. WOOD BLOCK 3.4	28. WOOD BLOCK 3.4
29. WOOD BLOCK 3.4	30. WOOD BLOCK 3.4	31. WOOD BLOCK 3.4	32. WOOD BLOCK 3.4
33. WOOD BLOCK 3.4	34. WOOD BLOCK 3.4	35. WOOD BLOCK 3.4	36. WOOD BLOCK 3.4
37. WOOD BLOCK 3.4	38. WOOD BLOCK 3.4	39. WOOD BLOCK 3.4	40. WOOD BLOCK 3.4
41. WOOD BLOCK 3.4	42. WOOD BLOCK 3.4	43. WOOD BLOCK 3.4	44. WOOD BLOCK 3.4
45. WOOD BLOCK 3.4	46. WOOD BLOCK 3.4	47. WOOD BLOCK 3.4	48. WOOD BLOCK 3.4
49. WOOD BLOCK 3.4	50. WOOD BLOCK 3.4	51. WOOD BLOCK 3.4	52. WOOD BLOCK 3.4
53. WOOD BLOCK 3.4	54. WOOD BLOCK 3.4	55. WOOD BLOCK 3.4	56. WOOD BLOCK 3.4
57. WOOD BLOCK 3.4	58. WOOD BLOCK 3.4	59. WOOD BLOCK 3.4	60. WOOD BLOCK 3.4
61. WOOD BLOCK 3.4	62. WOOD BLOCK 3.4	63. WOOD BLOCK 3.4	64. WOOD BLOCK 3.4
65. WOOD BLOCK 3.4	66. WOOD BLOCK 3.4	67. WOOD BLOCK 3.4	68. WOOD BLOCK 3.4
69. WOOD BLOCK 3.4	70. WOOD BLOCK 3.4	71. WOOD BLOCK 3.4	72. WOOD BLOCK 3.4
73. WOOD BLOCK 3.4	74. WOOD BLOCK 3.4	75. WOOD BLOCK 3.4	76. WOOD BLOCK 3.4
77. WOOD BLOCK 3.4	78. WOOD BLOCK 3.4	79. WOOD BLOCK 3.4	80. WOOD BLOCK 3.4
81. WOOD BLOCK 3.4	82. WOOD BLOCK 3.4	83. WOOD BLOCK 3.4	84. WOOD BLOCK 3.4
85. WOOD BLOCK 3.4	86. WOOD BLOCK 3.4	87. WOOD BLOCK 3.4	88. WOOD BLOCK 3.4
89. WOOD BLOCK 3.4	90. WOOD BLOCK 3.4	91. WOOD BLOCK 3.4	92. WOOD BLOCK 3.4
93. WOOD BLOCK 3.4	94. WOOD BLOCK 3.4	95. WOOD BLOCK 3.4	96. WOOD BLOCK 3.4
97. WOOD BLOCK 3.4	98. WOOD BLOCK 3.4	99. WOOD BLOCK 3.4	100. WOOD BLOCK 3.4

Dec. 28. 2001 5:03 PM PREMDOR DICKSON 615 446 7229



OTHER CONFIGURATIONS



1/2\"/>

1	MAX. HEIGHT	11.11"
2	MAX. WIDTH	11.11"
3	MAX. DEPTH	11.11"
4	MAX. WEIGHT	11.11"
5	MAX. TEMPERATURE	11.11"
6	MAX. HUMIDITY	11.11"
7	MAX. VIBRATION	11.11"
8	MAX. ACCELERATION	11.11"
9	MAX. WIND SPEED	11.11"
10	MAX. WIND PRESSURE	11.11"
11	MAX. WIND BURN	11.11"
12	MAX. WIND SAND	11.11"
13	MAX. WIND DEBRIS	11.11"
14	MAX. WIND HAIL	11.11"
15	MAX. WIND ROCK	11.11"
16	MAX. WIND ICE	11.11"
17	MAX. WIND SNOW	11.11"
18	MAX. WIND SMOKE	11.11"
19	MAX. WIND GAS	11.11"
20	MAX. WIND LIQUID	11.11"
21	MAX. WIND SOLID	11.11"
22	MAX. WIND PARTICLES	11.11"
23	MAX. WIND DUST	11.11"
24	MAX. WIND FIBERS	11.11"
25	MAX. WIND OTHER	11.11"

PRODUCT RENEWED
 ACCEPTANCE NO. 01-10-11-01
 EXPIRATION DATE: 10/20/11
 By: [Signature]
 REGISTRY CONTROL AUTHORITY
 1000 LINDEN AVENUE, SUITE 200
 FORT WORTH, TX 76102

PREMDOR ENERGY SYSTEMS
 11-10-11-11-11
 SHEET 2 OF 6



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Licensee Details

Licensee Information

Name: **WOOD, WILLIAM G (Primary Name)**
WOODMAN PARK BUILDERS INC (DBA Name)

Main Address: **P.O.BOX 3535**
LAKE CITY Florida 32026

License Mailing:

License Location: **P.O.BOX 3535**
LAKE CITY FL 32026

License Information

License Type: **Certified Building Contractor**

Rank: **Cert Building**

License Number: **CBC058182**

Status: **Current,Active**

Licensure Date: **10/06/1997**

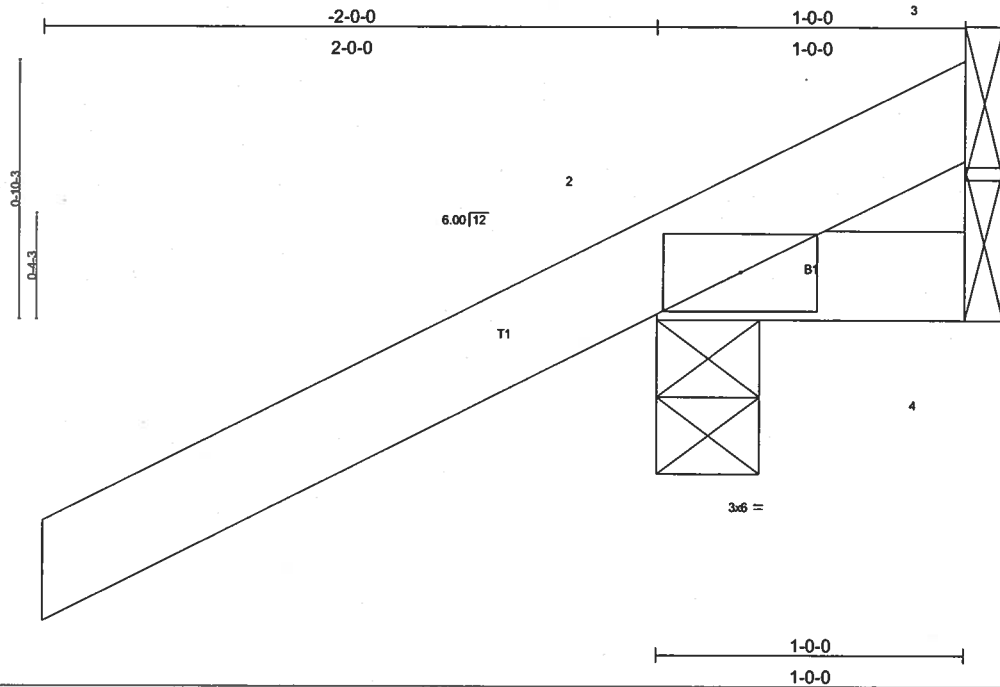
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Job L165663	Truss CJ1	Truss Type JACK	Qty 12	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)



LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.28 BC 0.01 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.00 2 >999 240 Vert(TL) -0.00 2 >999 180 Horz(TL) 0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 7 lb
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LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2	BRACING TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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REACTIONS (lb/size) 2=267/0-4-0, 4=14/Mechanical, 3=-91/Mechanical
 Max Horz 2=87(load case 5)
 Max Uplift 2=-275(load case 5), 3=-91(load case 1)
 Max Grav 2=267(load case 1), 4=14(load case 1), 3=128(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-69/76
 BOT CHORD 2-4=0/0

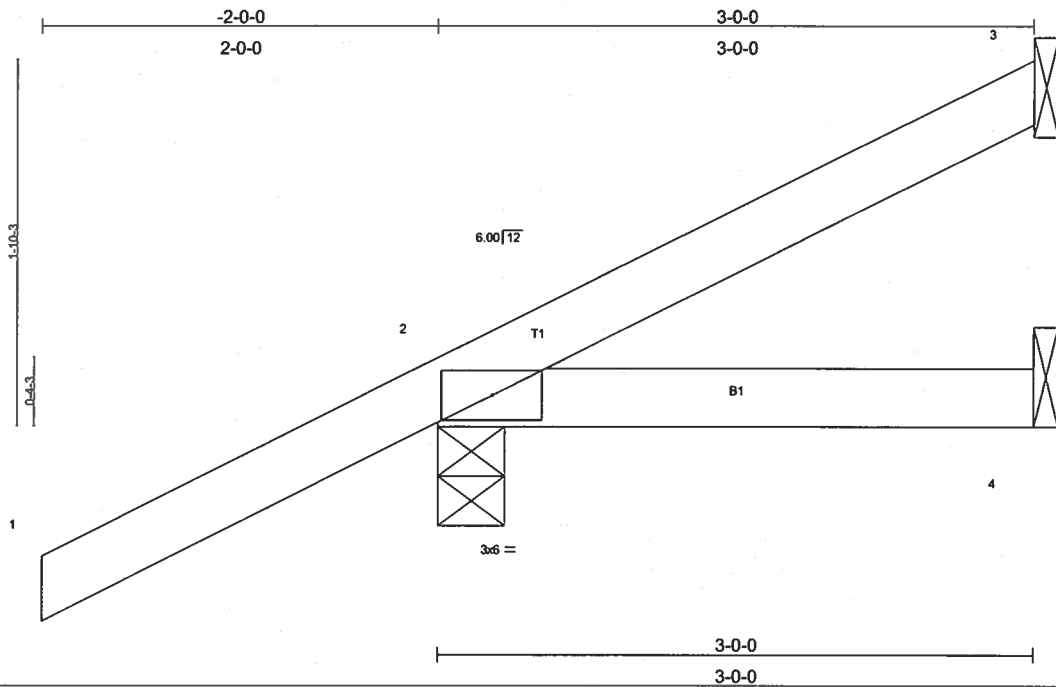
JOINT STRESS INDEX
 2 = 0.14

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 275 lb uplift at joint 2 and 91 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L165663	Truss CJ3	Truss Type JACK	Qty 10	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
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Builders FirstSource, Lake City, FL 32055 Job Reference (optional)
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LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.30	Vert(LL) -0.00 2-4 >999 240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.05	Vert(TL) -0.01 2-4 >999 180	
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 13 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift 3=-27(load case 6), 2=-205(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-58/7
BOT CHORD 2-4=0/0

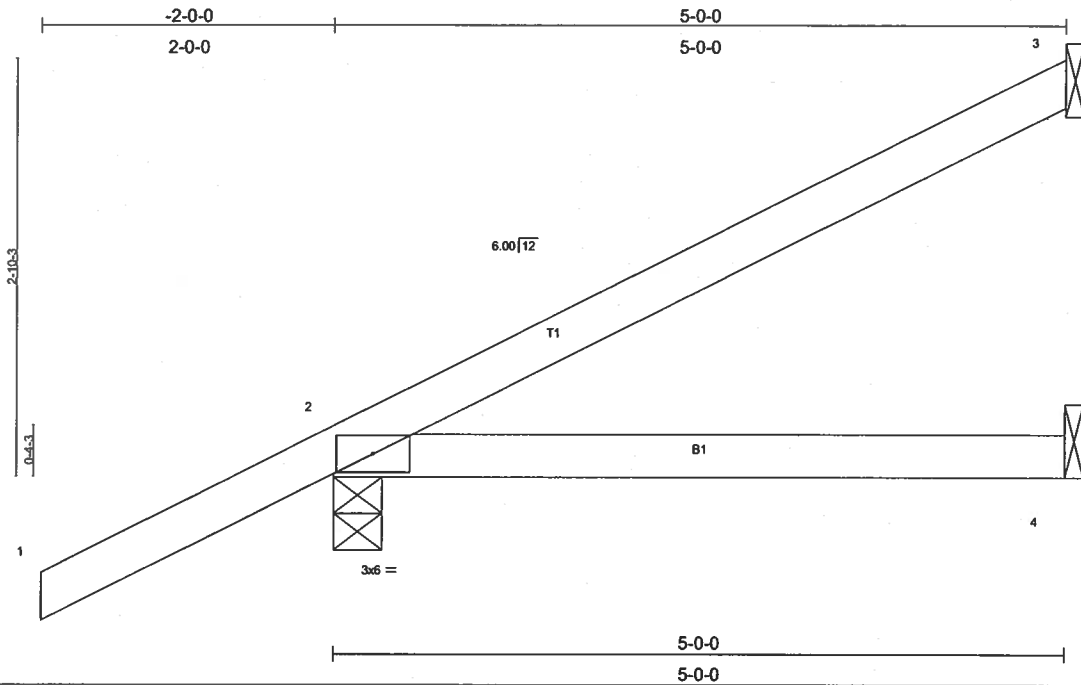
JOINT STRESS INDEX
2 = 0.13

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf, BCDL=3.0psf, Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 3 and 205 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L165663	Truss CJ5	Truss Type JACK	Qty 8	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
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Builders FirstSource, Lake City, FL 32055
 Job Reference (optional)
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Scale = 1:15.0

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.30	Vert(LL) -0.03 2-4 >999 240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.16	Vert(TL) -0.05 2-4 >999 180	
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 19 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=102/Mechanical, 2=344/0-4-0, 4=72/Mechanical
 Max Horz 2=178(load case 5)
 Max Uplift 3=86(load case 5), 2=201(load case 5)

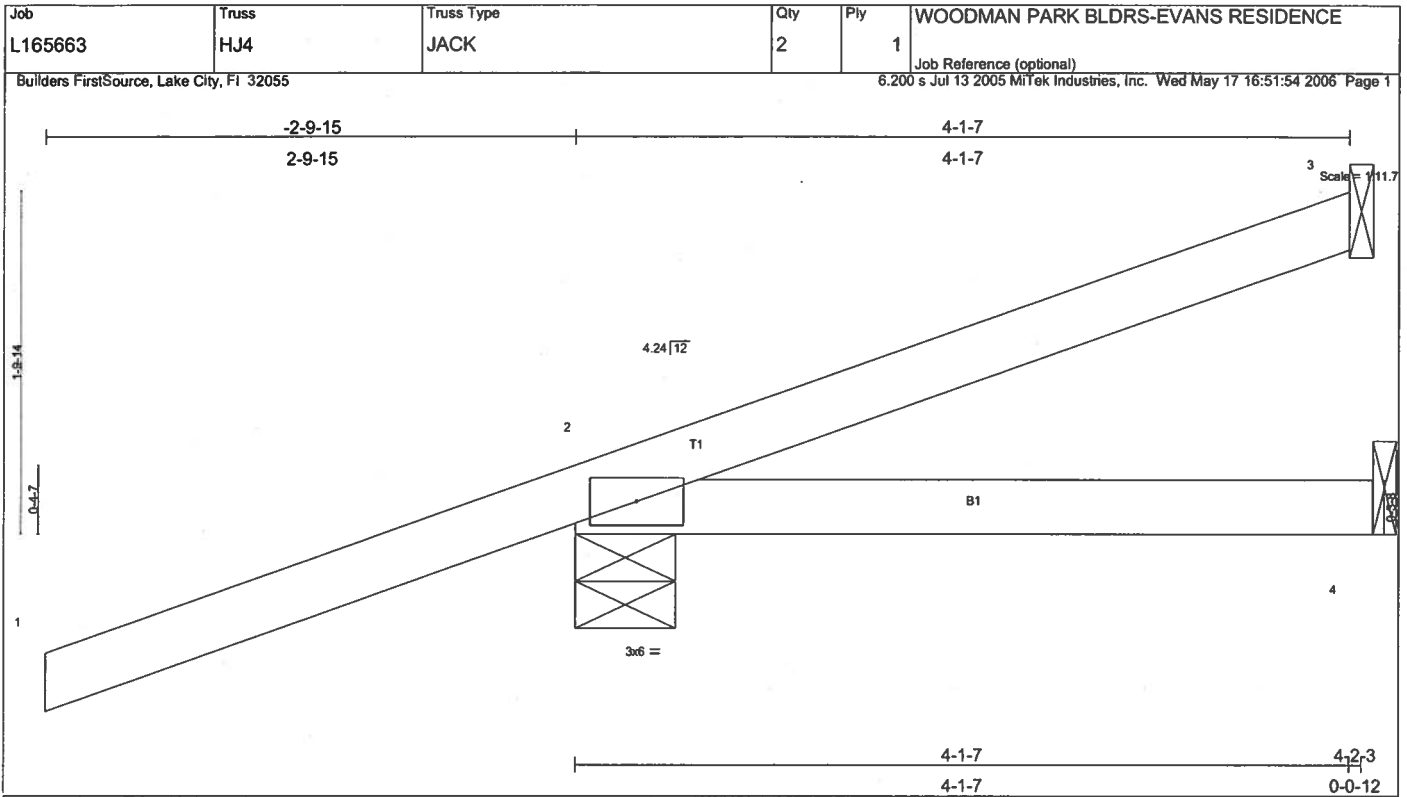
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=87/36
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.15

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TC DL=4.2psf; BC DL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 3 and 201 lb uplift at joint 2.

LOAD CASE(S) Standard



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.55	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.07	Vert(LL) 0.02 2-4 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) 0.01 2-4 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TP12002			Weight: 17 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-1-7 oc purins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=6/Mechanical, 2=297/0-6-7, 4=42/Mechanical
 Max Horz 2=96(load case 2)
 Max Uplift 3=4(load case 5), 2=310(load case 2), 4=41(load case 2)
 Max Grav 3=36(load case 6), 2=297(load case 1), 4=42(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/48, 2-3=40/12
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.12

- NOTES**
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 3, 310 lb uplift at joint 2 and 41 lb uplift at joint 4.
 - 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

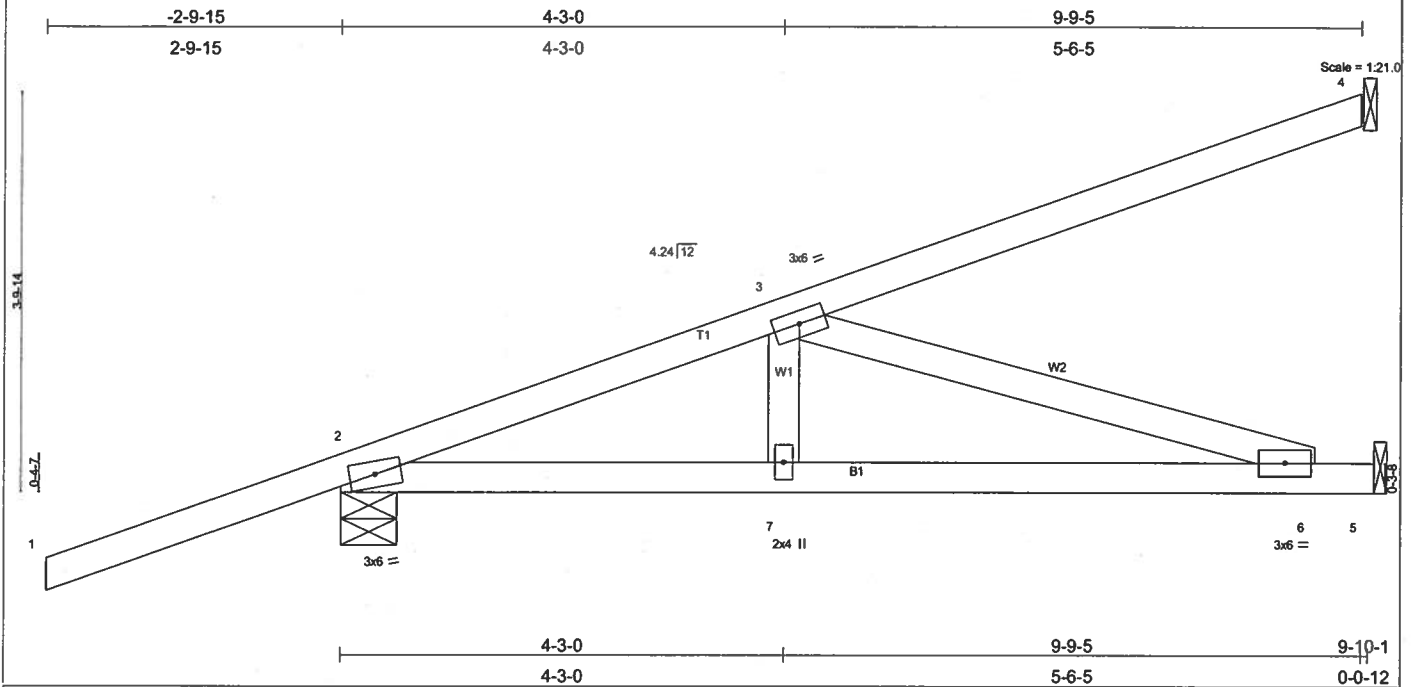
LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-.54
 Trapezoidal Loads (plf)
 Vert: 2=-4(F=25, B=25)-to-3=-57(F=-2, B=-2), 2=0(F=15, B=15)-to-4=-32(F=-1, B=-1)

Job L165663	Truss HJ9	Truss Type MONO TRUSS	Qty 4	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
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Builders FirstSource, Lake City, Fl 32055

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LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TPI2002	CSI TC 0.60 BC 0.64 WB 0.43 (Matrix)	DEFL In (loc) l/defl L/d Vert(LL) -0.12 6-7 >974 240 Vert(TL) -0.20 6-7 >582 180 Horz(TL) 0.01 5 n/a n/a	PLATES GRIP MT20 244/190 Weight: 44 lb
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LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=266/Mechanical, 2=537/0-6-7, 5=368/Mechanical
Max Horz 2=265(load case 2)
Max Uplift 4=-227(load case 2), 2=-326(load case 4), 5=-60(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-848/110, 3-4=-103/65
BOT CHORD 2-7=-295/778, 6-7=-295/778, 5-6=0/0
WEBS 3-7=0/197, 3-6=-815/309

JOINT STRESS INDEX
2 = 0.75, 3 = 0.22, 6 = 0.23 and 7 = 0.14

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TC DL=4.2psf; BC DL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 227 lb uplift at joint 4, 326 lb uplift at joint 2 and 60 lb uplift at joint 5.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-4(F=25, B=25)-to-4=-134(F=-40, B=40), 2=0(F=15, B=15)-to-5=-74(F=-22, B=22)

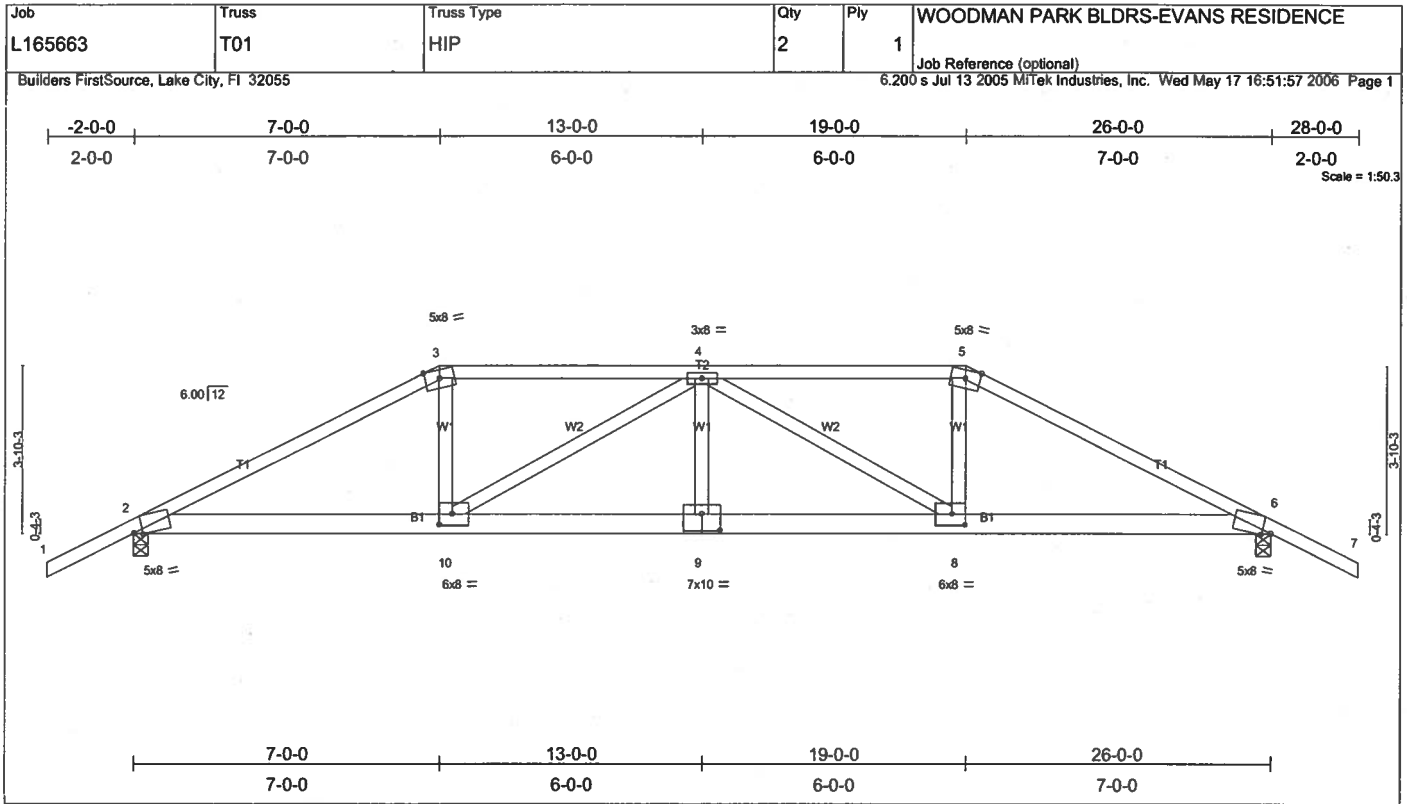


Plate Offsets (X, Y): [2-0-2-7, Edge], [6-0-2-7, Edge], [8-0-3-8, 0-3-0], [9-0-5-0, 0-4-8], [10-0-3-8, 0-3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.70	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.59	Vert(LL) -0.24 8-9 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.95	Vert(TL) -0.38 9-10 >807 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.10 6 n/a n/a		
				Weight: 142 lb	

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 6 SYP No.1D WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 2-7-9 oc purlins. BOT CHORD Rigid ceiling directly applied or 5-10-13 oc bracing.
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REACTIONS (lb/size) 2=2317/0-4-0, 6=2317/0-4-0
 Max Horz 2=89(load case 4)
 Max Uplift 2=-1014(load case 4), 6=-1014(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/51, 2-3=-4367/1794, 3-4=-3887/1665, 4-5=-3887/1665, 5-6=-4367/1794, 6-7=0/51
 BOT CHORD 2-10=-1564/3828, 9-10=-2018/4835, 8-9=-2018/4835, 6-8=-1524/3828
 WEBS 3-10=-489/1436, 4-10=-1208/597, 4-9=0/404, 4-8=-1208/597, 5-8=-489/1436

JOINT STRESS INDEX
 2 = 0.85, 3 = 0.82, 4 = 0.57, 5 = 0.82, 6 = 0.85, 8 = 0.40, 9 = 0.79 and 10 = 0.40

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1014 lb uplift at joint 2 and 1014 lb uplift at joint 6.
 - 6) Girder carries hip end with 7-0-0 end setback.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 19-0-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-5=-117(F=-63), 5-7=-54, 2-10=-30, 8-10=-65(F=-35), 6-8=-30
 Concentrated Loads (lb)
 Vert: 10=-539(F) 8=-539(F)

Job L165663	Truss T02	Truss Type HIP	Qty 2	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6,200 s Jul 13 2005 Milltek Industries, Inc. Wed May 17 16:51:59 2006 Page 1

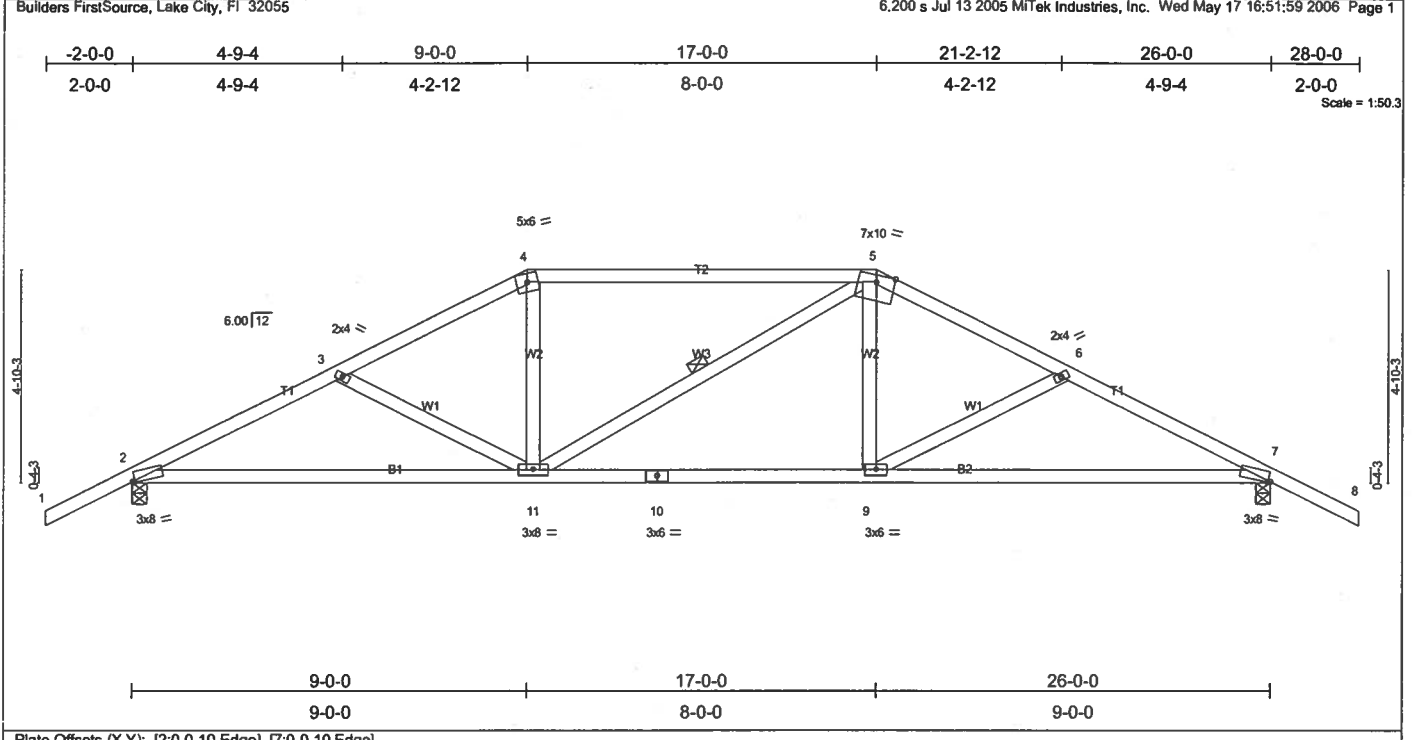


Plate Offsets (X,Y): [2:0-0-10,Edge], [7:0-0-10,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.45	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.51	Vert(LL) -0.18 7-9 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.11	Vert(TL) -0.30 7-9 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.06 7 n/a n/a		
	Code FBC2004/TPI2002				Weight: 127 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-4-3 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 8-8-11 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-11

REACTIONS (lb/size) 2=1195/0-4-0, 7=1195/0-4-0
 Max Horz 2=101(load case 5)
 Max Uplift 2=450(load case 5), 7=450(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1843/759, 3-4=-1633/675, 4-5=-1439/666, 5-6=-1633/676, 6-7=-1843/759, 7-8=0/47
 BOT CHORD 2-11=-510/1597, 10-11=-357/1439, 9-10=-357/1439, 7-9=-510/1597
 WEBS 3-11=-191/179, 4-11=-26/342, 5-11=-120/121, 5-9=-26/342, 6-9=-192/179

JOINT STRESS INDEX
 2 = 0.77, 3 = 0.34, 4 = 0.71, 5 = 0.75, 6 = 0.34, 7 = 0.77, 9 = 0.35, 10 = 0.54 and 11 = 0.57

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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 adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 450 lb uplift at joint 2 and 450 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L165663	Truss T03	Truss Type HIP	Qty 2	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
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Builders FirstSource, Lake City, FL 32055 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 17 16:52:01 2006 Page 1

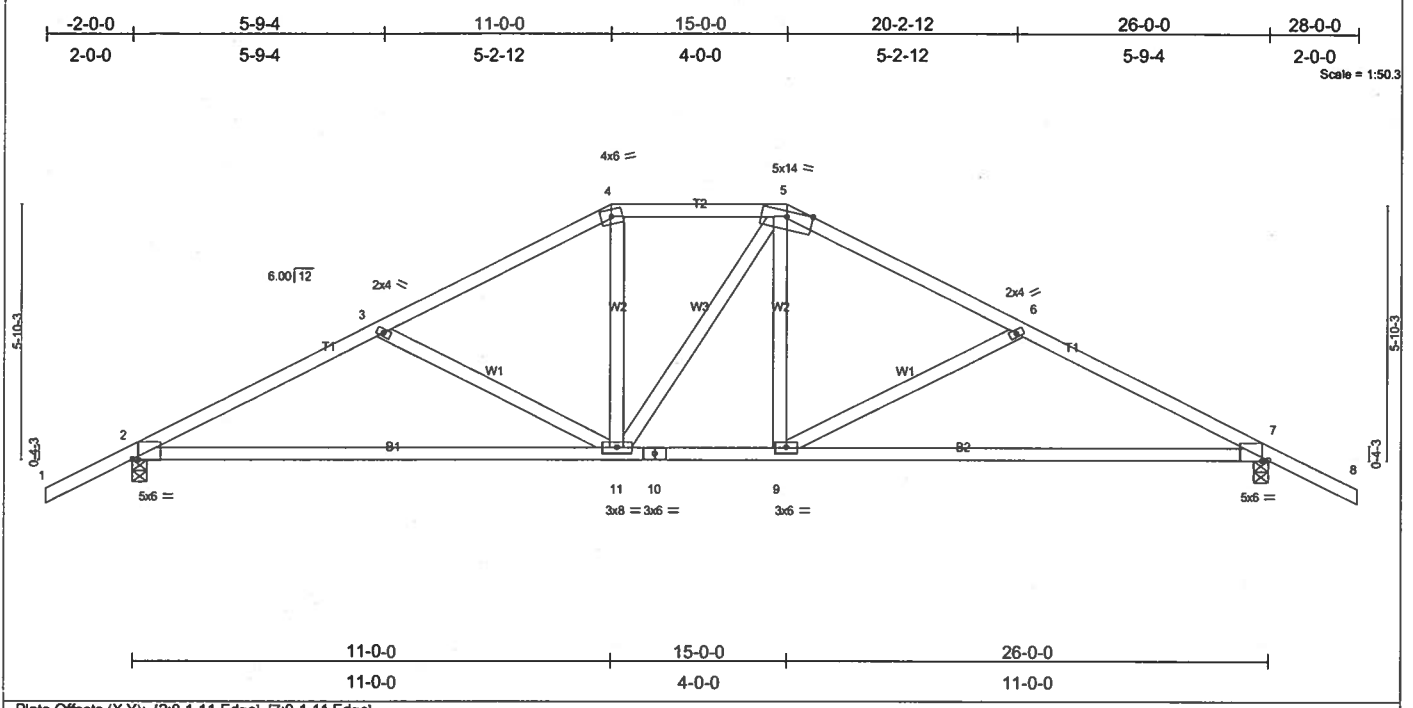


Plate Offsets (X,Y): [2:0-1-11,Edge], [7:0-1-11,Edge]					
LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.39	Vert(LL) -0.36 7-9 >859 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.65	Vert(TL) -0.62 7-9 >498 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.24	Horz(TL) 0.06 7 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 131 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-1-8 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 8-7-3 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=1195/0-4-0, 7=1195/0-4-0
 Max Horz 2=-115(load case 6)
 Max Uplift 2=464(load case 5), 7=464(load case 6)

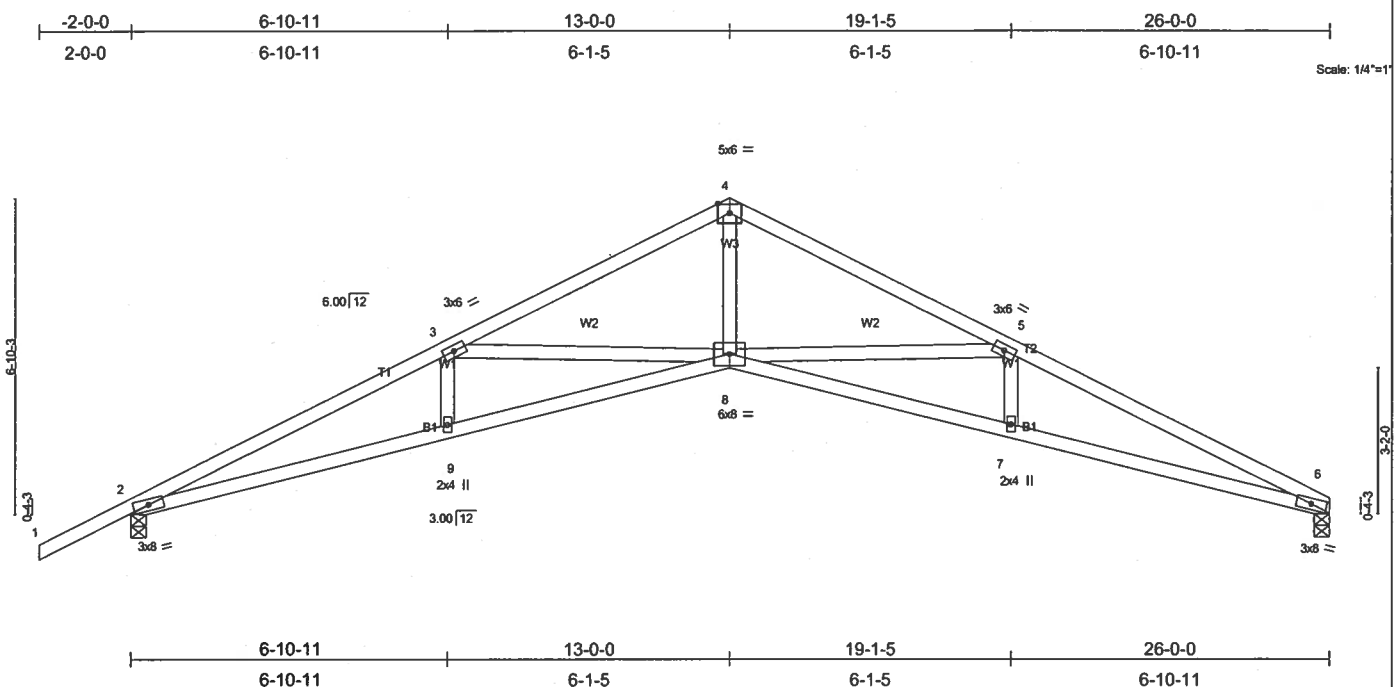
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1796/785, 3-4=-1463/631, 4-5=-1253/625, 5-6=-1462/631, 6-7=-1796/785, 7-8=0/47
 BOT CHORD 2-11=-527/1564, 10-11=-264/1252, 9-10=-264/1252, 7-9=-527/1564
 WEBS 3-11=-362/298, 4-11=-89/386, 5-11=-126/129, 5-9=-89/386, 6-9=-363/298

JOINT STRESS INDEX
 2 = 0.75, 3 = 0.34, 4 = 0.52, 5 = 0.47, 6 = 0.34, 7 = 0.75, 9 = 0.35, 10 = 0.84 and 11 = 0.59

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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 adequate drainage to prevent water ponding.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 464 lb uplift at joint 2 and 464 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L165663	Truss T04	Truss Type SCISSOR	Qty 9	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Wed May 17 16:52:02 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.53	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.83	Vert(LL) -0.36 8-9 >852 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.65	Vert(TL) -0.58 8-9 >531 180		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) 0.42 6 n/a n/a		Weight: 114 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 2-10-5 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 5-6-7 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=1200/0-4-0, 6=1073/0-4-0
 Max Horz 2=152(load case 5)
 Max Uplift 2=478(load case 5), 6=348(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/46, 2-3=-3437/1331, 3-4=-2432/948, 4-5=-2433/949, 5-6=-3488/1413
 BOT CHORD 2-9=-1112/3090, 8-9=-1113/3087, 7-8=-1195/3138, 6-7=-1198/3144
 WEBS 3-9=0/198, 3-8=-918/495, 4-8=-582/1778, 5-8=-969/575, 5-7=0/213

JOINT STRESS INDEX
 2 = 0.81, 3 = 0.41, 4 = 0.62, 5 = 0.41, 6 = 0.81, 7 = 0.34, 8 = 0.74 and 9 = 0.34

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 478 lb uplift at joint 2 and 348 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L165663	Truss T05	Truss Type COMMON	Qty 2	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
					6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 17 16:52:04 2006 Page 1

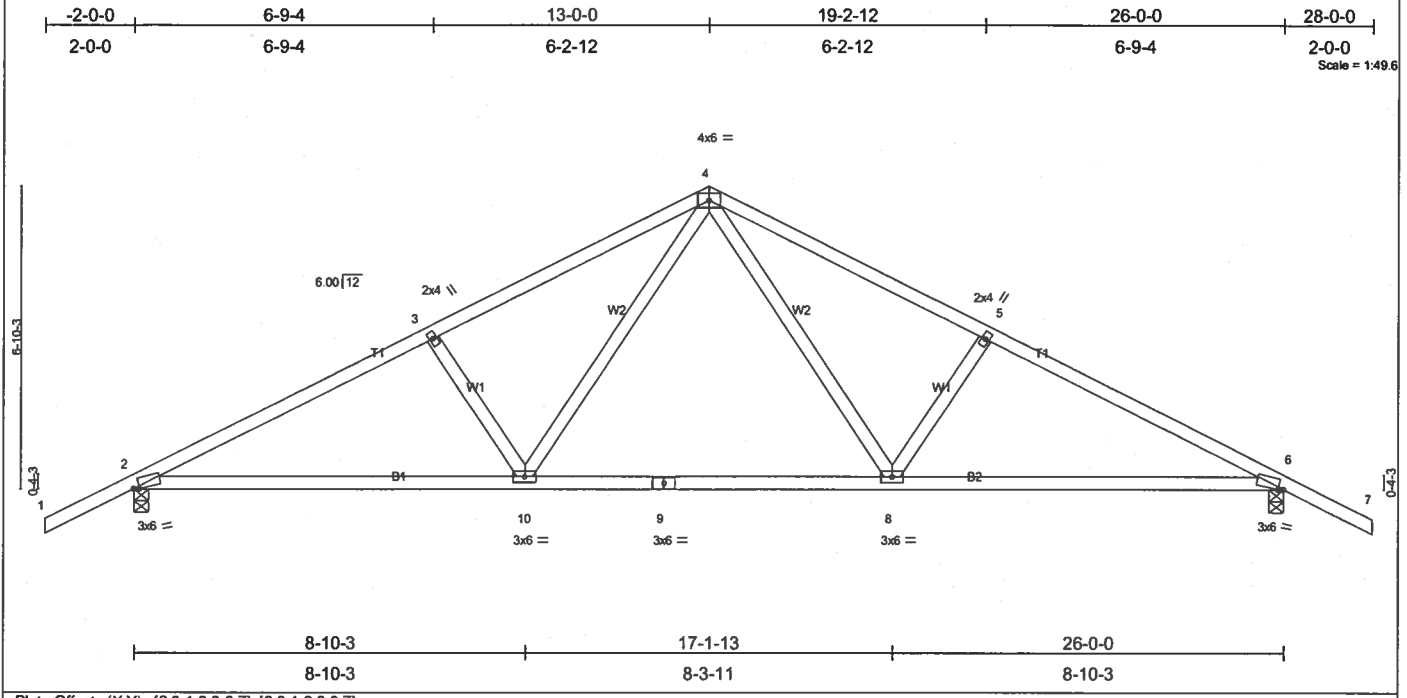


Plate Offsets (X,Y): [2:0-1-9,0-0-7], [6:0-1-9,0-0-7]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.33	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.52	Vert(LL) -0.18 2-10 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.25	Vert(TL) -0.30 2-10 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.06 6 n/a n/a		
				Weight: 122 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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-3-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-11-0 oc bracing.

REACTIONS (lb/size) 2=1195/0-4-0, 6=1195/0-4-0
 Max Horz 2=-129(load case 6)
 Max Uplift 2=-476(load case 5), 6=-476(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1827/766, 3-4=-1635/761, 4-5=-1635/761, 5-6=-1827/766, 6-7=0/47
 BOT CHORD 2-10=-501/1560, 9-10=-214/1054, 8-9=-214/1054, 6-8=-501/1560
 WEBS 3-10=-332/300, 4-10=-236/649, 4-8=-236/649, 5-8=-332/300

JOINT STRESS INDEX
 2 = 0.81, 3 = 0.34, 4 = 0.77, 5 = 0.34, 6 = 0.81, 8 = 0.50, 9 = 0.46 and 10 = 0.50

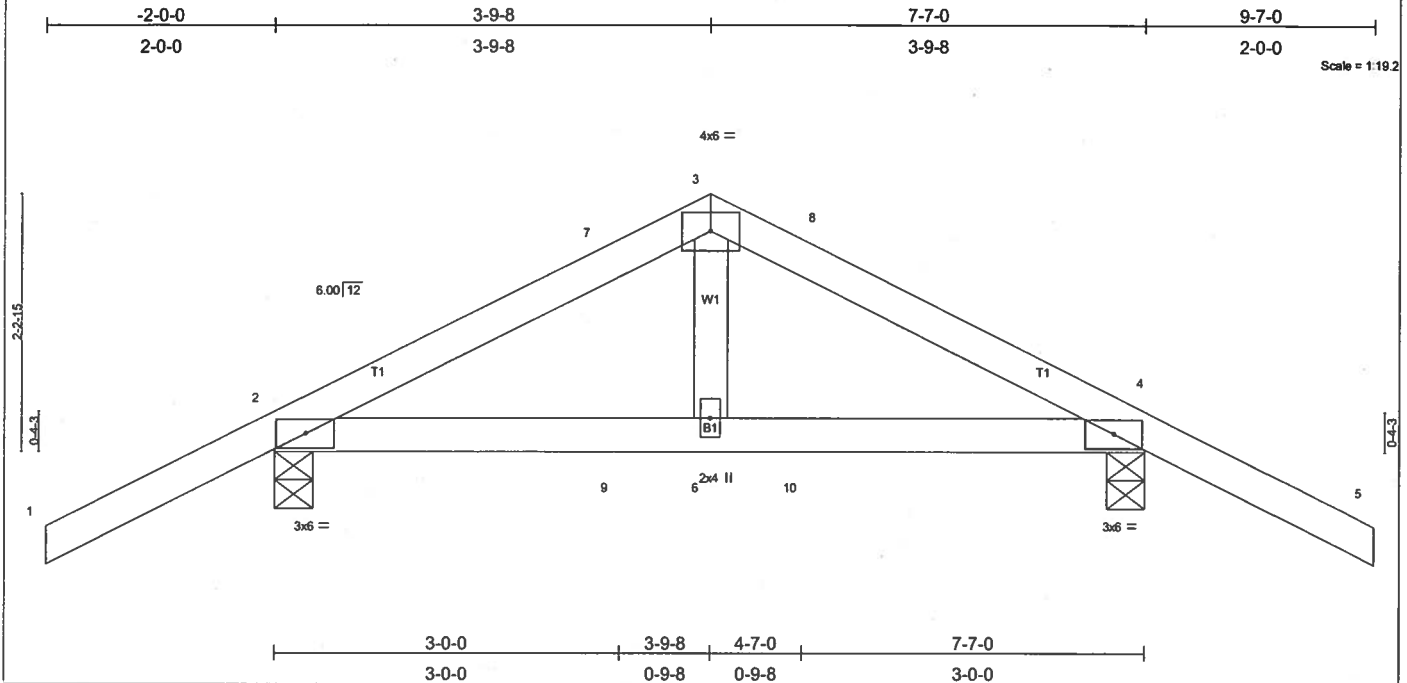
NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 476 lb uplift at joint 2 and 476 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L165663	Truss T06	Truss Type COMMON	Qty 1	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
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Builders FirstSource, Lake City, FL 32055

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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.27	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.14	Vert(LL) 0.01 4-6 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.07	Vert(TL) 0.01 4-6 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.00 4 n/a n/a		
	Code FBC2004/TPI2002				Weight: 33 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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=496/0-4-0, 4=496/0-4-0
 Max Horz 2=65(load case 4)
 Max Uplift 2=-365(load case 4), 4=-365(load case 5)

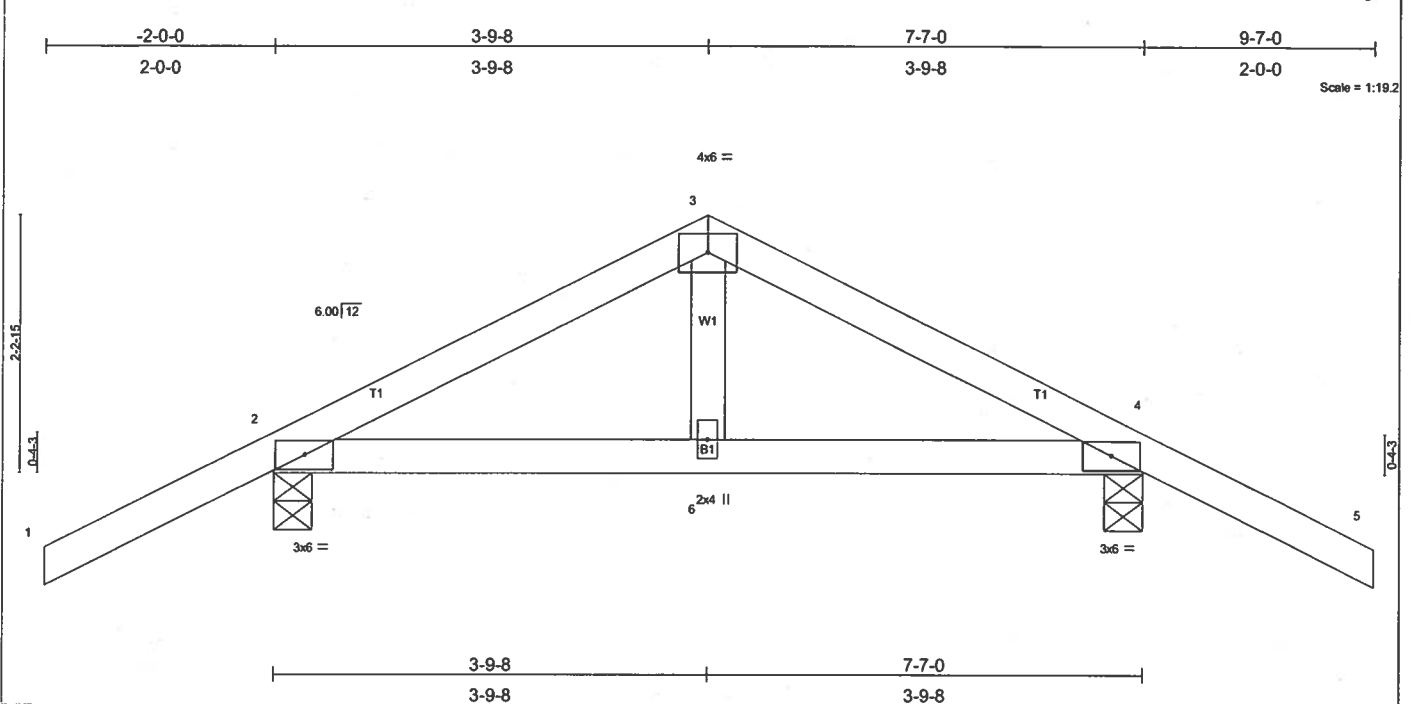
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-7=-479/235, 3-7=-394/243, 3-8=-394/242, 4-8=-479/234, 4-5=0/47
 BOT CHORD 2-9=-152/379, 6-9=-152/379, 6-10=-152/379, 4-10=-152/379
 WEBS 3-6=-117/220

JOINT STRESS INDEX
 2 = 0.50, 3 = 0.17, 4 = 0.50 and 6 = 0.16

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 365 lb uplift at joint 2 and 365 lb uplift at joint 4.
 - Girder carries hip end with 3-0-0 end setback.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 63 lb down and 32 lb up at 4-7-0, and 63 lb down and 32 lb up at 3-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-7=-54, 3-7=-63(F=-9), 3-8=-63(F=-9), 5-8=-54, 2-9=-30, 9-10=-35(F=-5), 4-10=-30
 Concentrated Loads (lb)
 Vert: 9=-63(F) 10=-63(F)

Job L165663	Truss T07	Truss Type COMMON	Qty 1	Ply 1	WOODMAN PARK BLDRS-EVANS RESIDENCE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 17 16:52:07 2006 Page 1					



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.30	Vert(LL) -0.01 4-6 >999 240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.11	Vert(TL) -0.01 4-6 >999 180	
BCLL 10.0	Rep Stress Incr YES	WB 0.03	Horz(TL) 0.00 4 n/a n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 33 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=421/0-4-0, 4=421/0-4-0
 Max Horiz 2=-65(load case 6)
 Max Uplift 2=-235(load case 5), 4=-235(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-335/93, 3-4=-335/93, 4-5=0/47
 BOT CHORD 2-6=0/252, 4-6=0/252
 WEBS 3-6=0/100

JOINT STRESS INDEX
 2 = 0.45, 3 = 0.21, 4 = 0.45 and 6 = 0.07

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf, Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 235 lb uplift at joint 2 and 235 lb uplift at joint 4.

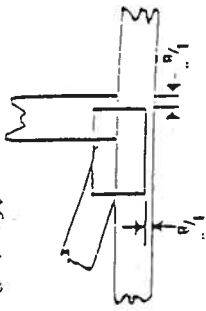
LOAD CASE(S) Standard

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of huss and securely seat.



For 4 x 2 orientation, locate plates 1/8" from outside edge of huss and vertical web.



This symbol indicates the required direction of studs in connector plates.

PLATE SIZE



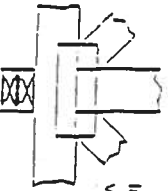
The first dimension is the width perpendicular to studs. Second dimension is the length parallel to studs.

LATERAL BRACING



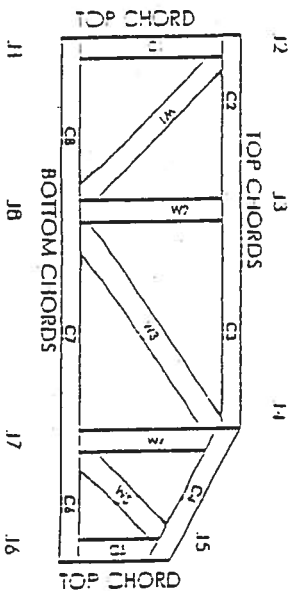
Indicates location of required continuous lateral bracing.

BEARINGS



Indicates location of joints at which bearings (supports) occur.

Numbering System



JOISTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOIST FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9657, 9432A
WISC/DIIIIR	960022-W, 970036-II
IER	561



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of each joint and embed fully. Avoid knots and wane at joint locations.
- Unless otherwise noted, locate chord splices at 1/4 panel length (1.6' from adjacent joint).
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with the relational or preservative treated lumber.
- Comber is a non-structural consideration and is the responsibility of huss fabricator. General practice is to camber for dead load deflection.
- Plate type, size and location dimensions shown indicate minimum plating requirements.
- Lumber shall be of the species and size and in all respects, equal to or better than the grade specified.
- Top chords must be sheathed or purlins provided at spacing shown on design.
- Bottom chords require lateral bracing at 11 ft spacing, or less. If no ceiling is installed, unless otherwise noted.
- Anchorage and / or load transferring connections to husses are the responsibility of others unless shown.
- Do not overload roof or floor husses with stacks of construction materials.
- Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Care should be exercised in handling, erection and installation of husses.

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Site Plan including:</u> 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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Wind-load Engineering Summary, calculations and any details required</u> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I _w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m ²) to be used for the design of exterior component and cladding materials not specifi ally designed by the registered design professional.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Elevations including:</u> 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 identified.
- c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
- d) Show safety glazing of glass, where required by code.
- e) Identify egress windows in bedrooms, and size.
- f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
- g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
- h) 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 106.1.1.2)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 106.1.1.2)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 106.1.1.2) 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 retarder (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 (FBC 106.1.1.2) 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 (termiticide or alternative method)
11. Slab on grade
 - a. Vapor retarder (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
- h) Exhaust fans in bathroom

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) 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

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

Afn: Webbie

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000001188**

DATE: 08/15/2006 BUILDING PERMIT NO. 24867

APPLICANT MARK HADDOX PHONE 755-2411

ADDRESS P.O. BOX 3535 LAKE CITY FL 32056

OWNER DON & CINDY EVANS PHONE 386 984-6444

ADDRESS 293 SW HICKORY GLEN FT. WHITE FL 32038

CONTRACTOR WILLIAM WOOD PHONE 755-2411

LOCATION OF PROPERTY 47S, TR ON 240, TL ON ICHETUCKNEE AVE, TR ON CURTAIN, TL ON SPRUCE,
TL ON HICKORY GLEN, 7TH LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNITS SPRING HILLS 20 F

PARCEL ID # 36-5S-15-00488-115

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: *Mark Haddox*

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

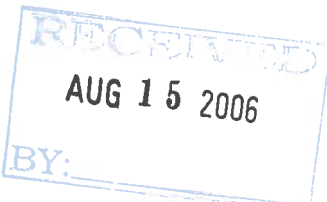
APPROVED NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: *Willie Roberts* DATE: 8-18-06

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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



New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

24867

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-8811
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Woodman Park Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 293 S.W. Hickory Blon Ft. White FL 32036
Type of Construction (More than one box may be checked) Slab Basement Crawl Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Box

Section 4: Treatment Information

Date(s) of Treatment(s) 9-21-06
Brand Name of Product(s) Used G-Pio
EPA Registration No. 79676-1
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 1244 Linear ft. 144 Linear ft. of Masonry Voids 144
Approximate Total Gallons of Solution Applied 206
Was treatment completed on exterior? Yes No
Service Agreement Available? Yes No Under Completion
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Blonner Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 9-21-06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

24867

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32855
Company Business License No. JB109676 Company Phone No. 386-775-3911
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Woodline Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 793 SW Hickory Blvd
St. Whit. #1 32034

Type of Construction (More than one box may be checked) Slab Basement Crawl Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Gravel

Section 4: Treatment Information

Date(s) of Treatment(s) 9-21-06
Brand Name of Product(s) Used 6 Pro
EPA Registration No. 79676-1
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 1204 Linear ft. 104 Linear ft. of Masonry Voids 104
Approximate Total Gallons of Solution Applied 104
Was treatment completed on exterior? Yes No
Service Agreement Available? Yes No Upon Completion

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Harrison Certification No. (if required by State law) JB104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 9-21-06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

COLUMBIA AVENUE DIN

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 36-5S-15-00488-115

Building permit No. 000024867

Use Classification SFD, UTILITY

Fire: 39.06

Permit Holder WILLIAM WOOD

Waste: 117.25

Owner of Building DON & CINDY EVANS

Total: 156.31

Location: 293 SW HICKORY GLEN (SPRING HILLS, LOT 20)

Date: 03/05/2007

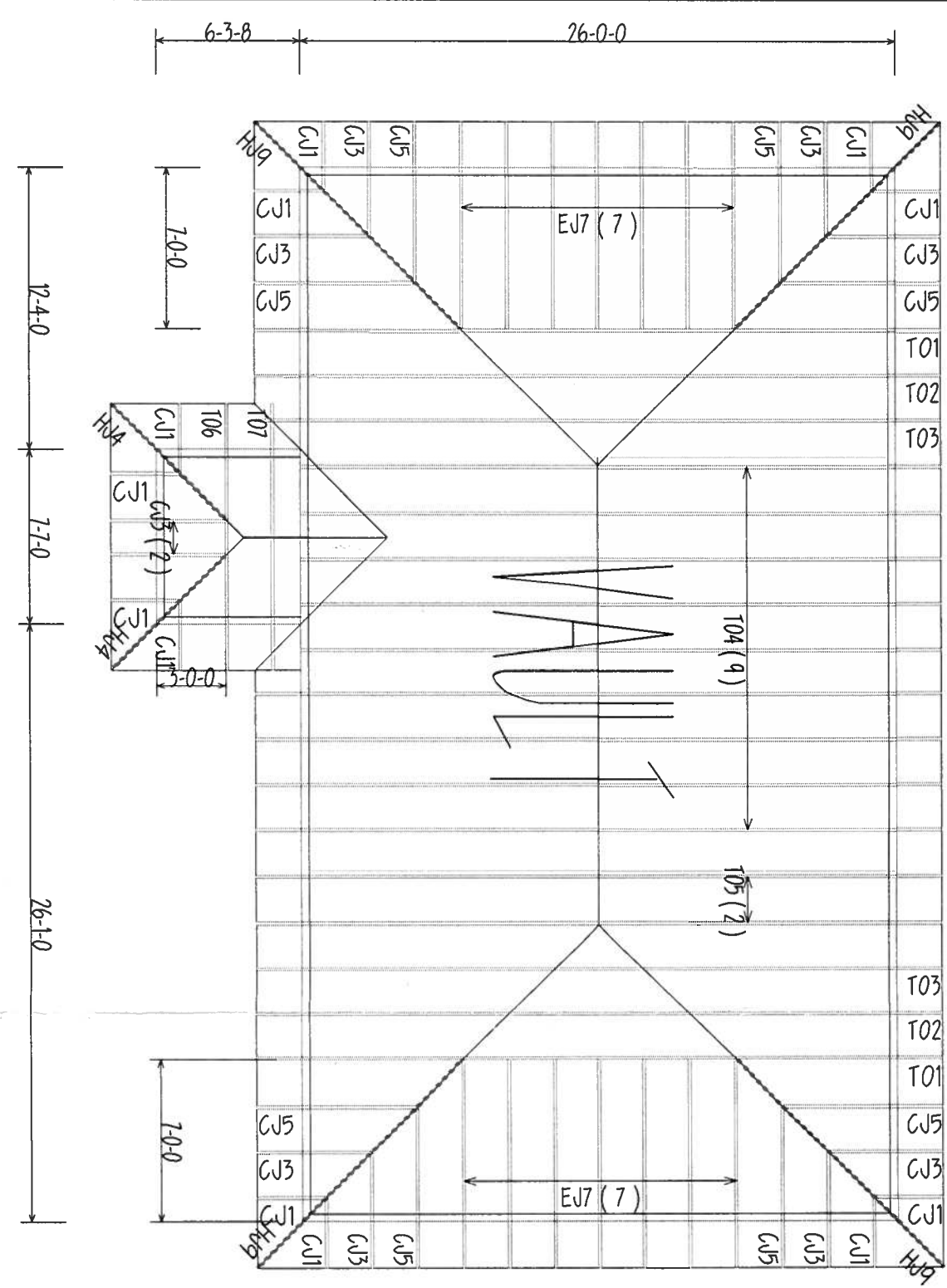
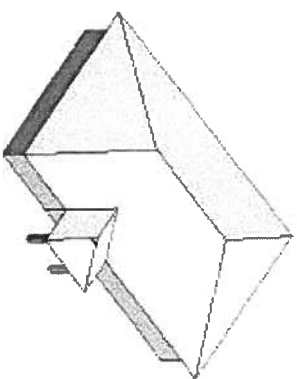
Stacy Rich

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

46-0-0



6/12
PITCH
24"
O.H.

BEARING HEIGHT SCHEDULE

8'0"

NOTES:

- 1) REFER TO THE RECOMMENDATIONS FOR ROOFING INSTALLATION AND TEMPORARY BRACING REFER TO ENGINEER DRAWINGS FOR REBARMENT DRAWING REQUIRED.
- 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY RAFTERS) MUST BE COMPLETELY DELETED OR SET TO BE COMPLETELY ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE REQUIRED FOR 7' O.C. UNUSUAL SPACING UNLESS OTHERWISE NOTED.
- 5) ALL WALL SUPPORT ON P.A. ELEMENT RAFTERS ARE CONSIDERED TO BE LOAD BEARING UNLESS OTHERWISE NOTED.
- 6) 5/8" TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HANGERS UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON HANGERS UNLESS OTHERWISE NOTED.
- 8) BEARING AND ELEVATION TO BE PROVIDED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND JOISTS. ALL PERIODS ARCHITECTURAL OR OTHER TRUSS LAYOUTS, ERECTION AND APPROVAL OF THE LAYOUT MUST BE OBTAINED BEFORE ANY TRUSSES ARE SET. VERIFY ALL CONDITIONS TO BEING ASSEMBLED. CHECKS MUST BE MADE. INSTRUCTIONS TO BUILDER.



Approved by: _____
Date: _____

Legend shown on: _____

PHONE: 904-437-3340 FAX: 904-437-3084
Bunnell

Jacksonville
PHONE: 904-772-6500 FAX: 904-772-6173
Lolke City

Sanford
PHONE: 904-795-6694 FAX: 904-795-7973

WOODMAN PARK BLDGS
EVANS RES.
CUSTOM NT5
DATE: 5/17/06
JOB: JOE L165663