DATE 11/18/2005

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000023875

APPLICANT BENNY ROBINSON PHONE 954 558-3812

ADDRESS 4200 SW 27TH STREET HOLLYWOOD FL 33023

OWNER BENNY ROBINSON PHONE 954 558-3812

ADDRESS 0 FL

CONTRACTOR SAME AS APPLICANT PHONE

LOCATION OF PROPERTY 47S, TR ON SUNVIEW ST, TR ON TARA COURT, CORNER OF TARA AND SUNVIEW, WHITE FENCE

TYPE DEVELOPMENT TRAVEL TRAILER ESTIMATED COST OF CONSTRUCTION 0.00

HEATED FLOOR AREA 0.00 TOTAL AREA 0.00 HEIGHT 0.00 STORIES 0

FOUNDATION WALLS ROOF PITCH FLOOR

LAND USE & ZONING A-3 MAX. HEIGHT 0

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

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

PARCEL ID 33-5S-16-03745-313 SUBDIVISION SUNVIEW ESTATES

LOT 13 BLOCK PHASE UNIT 0 TOTAL ACRES 0.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
	05-1095-N	BK	JH
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance

N — New Resident

COMMENTS: ONE YEAR TEMP PERMIT, PLAN TO BE TURNED IN 45 DAYS FROM THIS DATE

Check # or Cash

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by — Foundation date/app. by — Monolithic date/app. by

Under slab rough-in plumbing date/app. by — Slab date/app. by — Sheathing/Nailing date/app. by

Framing date/app. by — Insulation date/app. by

Rough-in plumbing above slab and below wood floor date/app. by — Electrical rough-in date/app. by

Heat & Air Duct date/app. by — Peri. beam (Lintel) date/app. by — Pool date/app. by

Permanent power date/app. by — C.O. Final date/app. by — Culvert date/app. by

Pump pole date/app. by — Utility Pole date/app. by — M/H tie downs, blocking, electricity and plumbing date/app. by

Reconnection date/app. by — RV 11/29/2005 JK date/app. by — Re-roof date/app. by

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

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

FLOOD DEVELOPMENT FEE $ 0.00 FLOOD ZONE FEE $ 0.00 CULVERT FEE $ **TOTAL FEE** 0.00

INSPECTORS OFFICE CLERKS OFFICE

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

DATE 02/10/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000024128

APPLICANT BENNY ROBINSON PHONE 954 558-3812

ADDRESS 4200 SW 27TH STREET HOLLYWOOD FL 33023

OWNER BENNY ROBINSON PHONE 954 558-3812

ADDRESS 168 SW TARA COURT FT. WHITE FL 32038

CONTRACTOR BENNY ROBINSON PHONE 954.558.3812

LOCATION OF PROPERTY 47S, TR ON SUNVIEW ST, TR ON TARA COURT, CORNER OF TARA AND SUNVIEW, WHITE FENCE

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 85300.00

HEATED FLOOR AREA 1706.00 TOTAL AREA 2403.00 HEIGHT 8.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

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

PARCEL ID 33-5S-16-03745-313 SUBDIVISION SUNVIEW ESTATES

LOT 13 BLOCK PHASE UNIT TOTAL ACRES 5.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			Ben Robinson

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	05-1095-N	BLK	JTH	

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 2055

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

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

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

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

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

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

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

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

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 430.00 CERTIFICATION FEE $ 12.02 SURCHARGE FEE $ 12.02

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** 529.04

INSPECTORS OFFICE _____ 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 INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 06-01-71 Date Received 1/27/06 By JW Permit # 24128

Application Approved by - Zoning Official BLK Date 0302.06 Plans Examiner OK JTH Date 2-6-06

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

Comments CK# 2055 755-8684

CONTACT PERSON: MARK 755.2411

Applicants Name BENNY ROBINSON Phone 954558 3812

Address 4200 SW 27 STREET HOLLYWOOD, FL 33023

Owners Name BENNY ROBINSON Phone 954558 3812

911 Address 168 SW TARA CT FORT WHITE, FL 32038

Contractors Name _____ Phone _____

Address _____

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address MARK DISOSWAY / MICHAEL NADDOX - DRAFTSMAN

Mortgage Lenders Name & Address CASH

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

Property ID Number 33-5S-16-03745-313 Estimated Cost of Construction $85,000

Subdivision Name SUNVIEW ESTATES Lot 13 Block ___ Unit ___ Phase ___

Driving Directions I-75 South EXIT 49 WEST to SUNVIEW ESTATES RIGHT to 168 SW TARA COURT "RIGHT (WHITE FENCE) - LOT 13 ON

Type of Construction NEW CONSTRUCTION / SINGLE FAMILY Number of Existing Dwellings on Property 0

Total Acreage 5 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 360' Side 50' Side 155' Rear 284'

Total Building Height 8' Number of Stories 1 Heated Floor Area 1706' Roof Pitch 6.12

Porch 183 GARAGE 514 TOTAL 2403

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

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Benny Robinson

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 2 day of December 2005.

Personally known ✓ or Produced Identification ____

Contractor Signature

Contractors License Number ____

Competency Card Number ____

NOTARY STAMP/SEAL

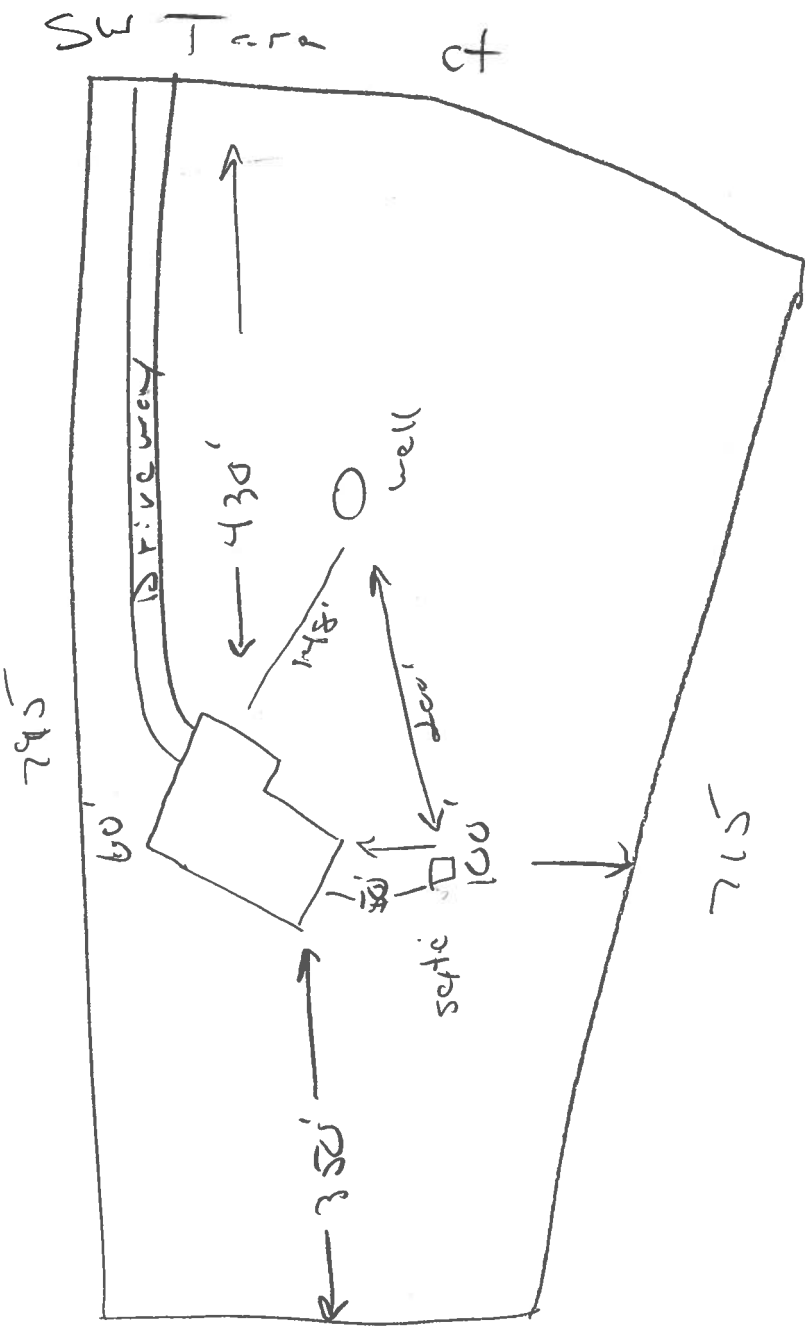
Brenda Terry
My Commission DD293888
Expires February 24, 2008

Brenda Terry

Notary Signature

Parcell #

33 - 55 - 16 - 03745 - 313



Date	Inspection	Inspect.	Owner	Pass	Location	Permit
03/21/06	Footer	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
03/21/06	Set Backs	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
04/24/06	Rough Plumbing	Randy	Benny Robinson	OK	Sunview Est. Lot 13	24128
05/02/06	Slab	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
05/18/06	Lintel	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
07/14/06	Nailing	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
08/21/06	A/C	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
08/21/06	Electrical	Harry	Benny Robinson	Not Ready	Sunview Est. Lot 13	24128
08/21/06	Plumbing	Harry	Benny Robinson	Not Ready	Sunview Est. Lot 13	24128
08/21/06	A/C	Harry	Benny Robinson	Not Ready	Sunview Est. Lot 13	24128
08/25/06	Framing	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
10/02/06	Electrical	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128
10/02/06	Plumbing	Harry	Benny Robinson	OK	Sunview Est. Lot 13	24128

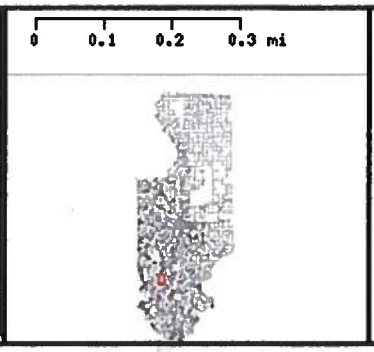
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

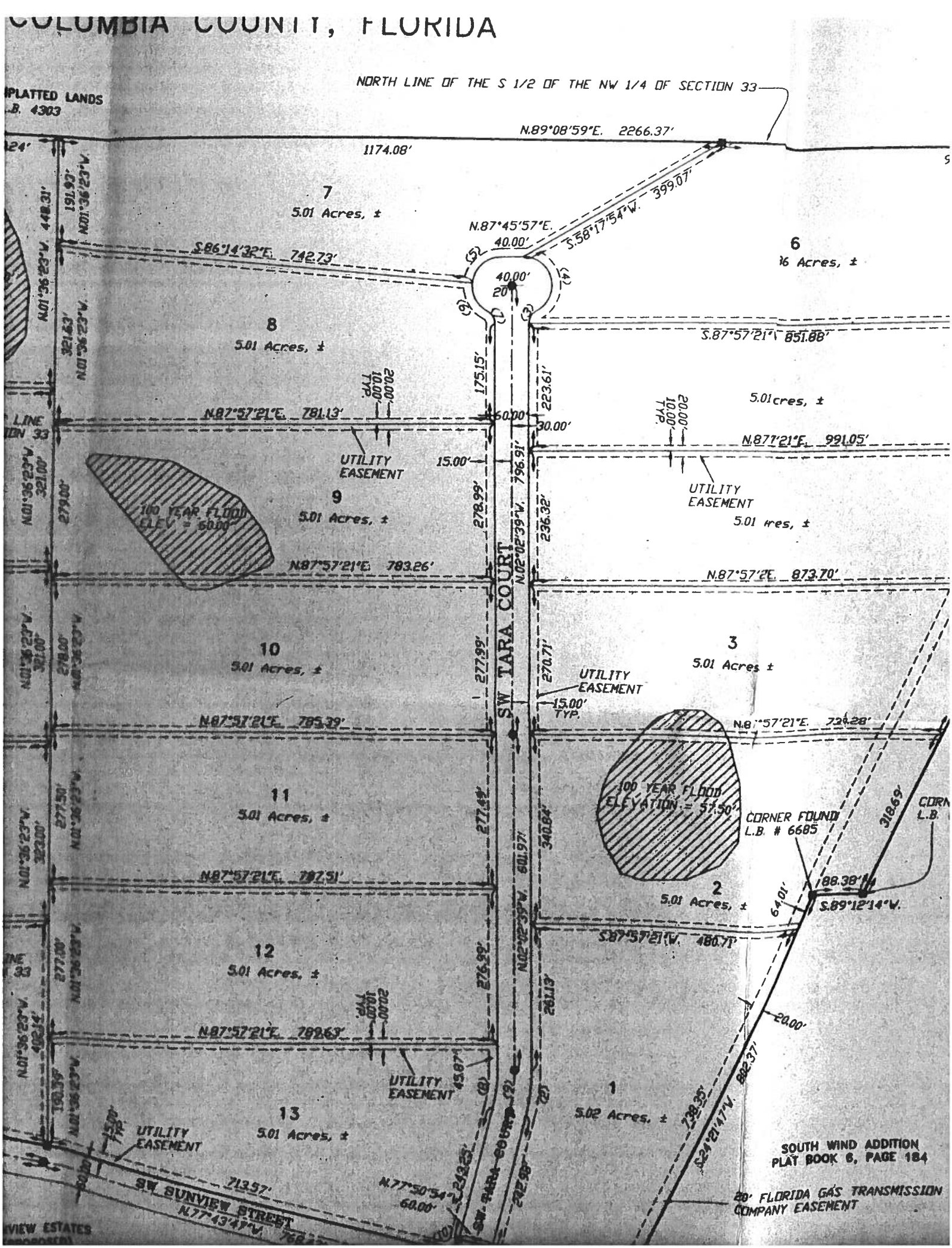
PARCEL: 33-5S-16-03745-313 - VACANT (000000)

LOT 13 SUNVIEW ESTATES ADD S/D AG 1042-598.

Name:	ROBINSON BENNY L SR &	LandVal	$26,000.00
Site:	SUNVIEW EST	BldgVal	$0.00
	NANCY F ROBINSON	ApprVal	$29,600.00
Mail:	4200 SW 27TH ST	JustVal	$29,600.00
	HOLLYWOOD, FL 33023	Assd	$29,600.00
Sales Info	5/27/2003 $28,500.00 V / U	Exmpt	$0.00
		Taxable	$29,600.00



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.


COLUMBIA COUNTY, FLORIDA
NORTH LINE OF THE S 1/2 OF THE NW 1/4 OF SECTION 33
N.89°08'59"E. 2266.37'
1174.08'
UNPLATTED LANDS
L.B. 4303
7
5.01 Acres, ±
6
16 Acres, ±
8
5.01 Acres, ±
9
5.01 Acres, ±
10
5.01 Acres, ±
11
5.01 Acres, ±
12
5.01 Acres, ±
13
5.01 Acres, ±
3
5.01 Acres ±
2
5.01 Acres, ±
1
5.02 Acres, ±
5.01 cres, ±
5.01 res, ±
N.87°45'57"E. 40.00'
S.58°17'54"W. 399.07'
S.86°14'32"E. 742.73'
N.87°57'21"E. 781.13'
N.87°57'21"E. 783.26'
N.87°57'21"E. 785.39'
N.87°57'21"E. 787.51'
N.87°57'21"E. 789.63'
S.87°57'21"W. 851.88'
N.87°57'21"E. 991.05'
N.87°57'21"E. 873.70'
N.87°57'21"E. 724.28'
S.87°57'21"W. 480.71'
S.89°12'14"W. 88.38'
S.24°21'47"W. 882.37'
N.77°50'34"E. 60.00'
N.77°43'47"W. 768.2
N.02°02'39"W. 796.91'
N.02°02'39"W. 601.97'
SW TARA COURT
SW SUNVIEW STREET
UTILITY EASEMENT
15.00' TYP.
20.00' TYP.
100 YEAR FLOOD ELEV. = 60.00'
100 YEAR FLOOD ELEVATION = 57.50'
CORNER FOUND L.B. # 6685
SOUTH WIND ADDITION PLAT BOOK 6, PAGE 184
20' FLORIDA GAS TRANSMISSION COMPANY EASEMENT
175.15'
223.61'
278.99'
236.32'
270.71'
277.99'
277.42'
276.92'
340.84'
318.69'
64.01'
20.00'
738.35'
242.58'
45.87'
713.57'

256130

Prepared by and return to: Bradley N. Dicks
P.O. Box 1
Lake City, Fl 32056-0001

Inst:2005007523 Date:04/01/2005 Time:15:07
Doc Stamp-Deed : 199.50
Doc Stamp-Mort : 98.00
Intang. Tax : 56.00
DC,P.DeWitt Cason,Columbia County B:1042 P:598

AGREEMENT FOR DEED

1. THIS AGREEMENT is entered into this 27th day of May, 2003, by and between SUBRANDY LIMITED PARTNERSHIP, whose address is P.O. Box 513 Lake City, Florida 32056 ("Seller") and BENNY L. ROBINSON, SR. AND NANCY F. ROBINSON, his wife, ("Buyer"), who is/are residents of the State of Florida and who directs that all mail be sent to 4200 SW 27th Street, Hollywood, FL 33023.

2. AGREEMENT TO CONVEY. Provided that Buyer makes the payments and performs the other covenants required to be performed by the Buyer hereunder (collectively, the "Buyer's Obligations"), Seller agrees to convey to Buyer in fee simple by General Warranty Deed, free of all liens and encumbrances except Permitted Encumbrances (as hereinafter defined), the real property and any improvements thereon located in Columbia County, Florida, and more particularly described as follows (the "Property"):

Lot 13, SUNVIEW ESTATES ADDITION, a subdivision recorded in Plat Book 7, Page 107, Columbia County, Florida, and subject to Restrictions recorded in O.R. Book 959, Pages 1866-1867, Columbia County, Florida, and subject to Power Line Easement.

3. PURHASE PRICE. In consideration of the Seller's covenants and agreements hereunder, Buyer hereby agrees to pay to the Seller the sum of Twenty Eight Thousand Five Hundred and 00/100 DOLLARS ($ 28,500.00) (the "Purchase Price") to be paid by Buyer to Seller at Seller's address set forth above, or as necessary, to the escrow agent specified below, or at such other address as Seller shall designate, as follows:
Down Payment of Five Hundred and 00/100 DOLLARS ($500.00) the receipt of which is hereby acknowledged by Seller ; And the balance of Twenty Eight Thousand and 00/100 DOLLARS ($28,000.00) with interest thereon at the rate of Twelve and One Half percent (12.5 %) per annum in One Hundred Eighty (180) consecutive monthly installments in the amount of Three Hundred Forty Five and 10/100 DOLLARS ($345.10) each, payable on the 15th day of each calendar month commencing on July 15, 2003.

4. SPECIAL TERMS AND CONDITIONS. None

5. PRE-PAYMENT PRIVILEGE. Buyer may prepay the Purchase Price in full or in part at any time without penalty. Prepayments shall be applied against the remaining unpaid principal installments of the Purchase Price in inverse order of maturity.

IN WITNESS WHEREOF, Buyer and Seller have executed this Agreement on the day and year first above written.

witness
Nanci L. Griffis

Bradley N. Dicks, G.P. Subrandy Lmt. Partnership
SELLER

witness
Suzanne D. Adams

Inst:2005007523 Date:04/01/2005 Time:15:07
Doc Stamp-Deed : 199.50
Doc Stamp-Mort : 98.00
Intang. Tax : 56.00
DC,P.DeWitt Cason,Columbia County B:1042 P:607

STATE OF FLORIDA
COUNTY OF COLUMBIA

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgements, personally appeared Bradley N. Dicks, to me known to be the person described in and who executed the foregoing instrument and he acknowledged before me that he executed the same, and did not take an oath.

WITNESS my hand and official seal in the County and State aforesaid this 3rd day of June A.D. 2003

Notary Public

My Commission Expires:

NANCI L. GRIFFIS
MY COMMISSION # DD 081097
EXPIRES: December 26, 2005
Bonded Thru Notary Public Underwriters

Signature of Witness

Printed Name of Witness

Benny L. Robinson, Sr.
BUYER

Signature of Witness

Printed Name of Witness

Nancy F. Robinson
BUYER

STATE OF FLORIDA
COUNTY OF BROWARD

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgements, personally appeared Benny L. Robinson Sr. and Nancy F. Robinson, to me known to be the persons described in and who executed the foregoing instrument and they acknowledged before me that they executed the same, and did not take an oath.

WITNESS my hand and official seal in the County and State aforesaid this 30 day of May, A.D. 2003

Notary Public

My Commission Expires:

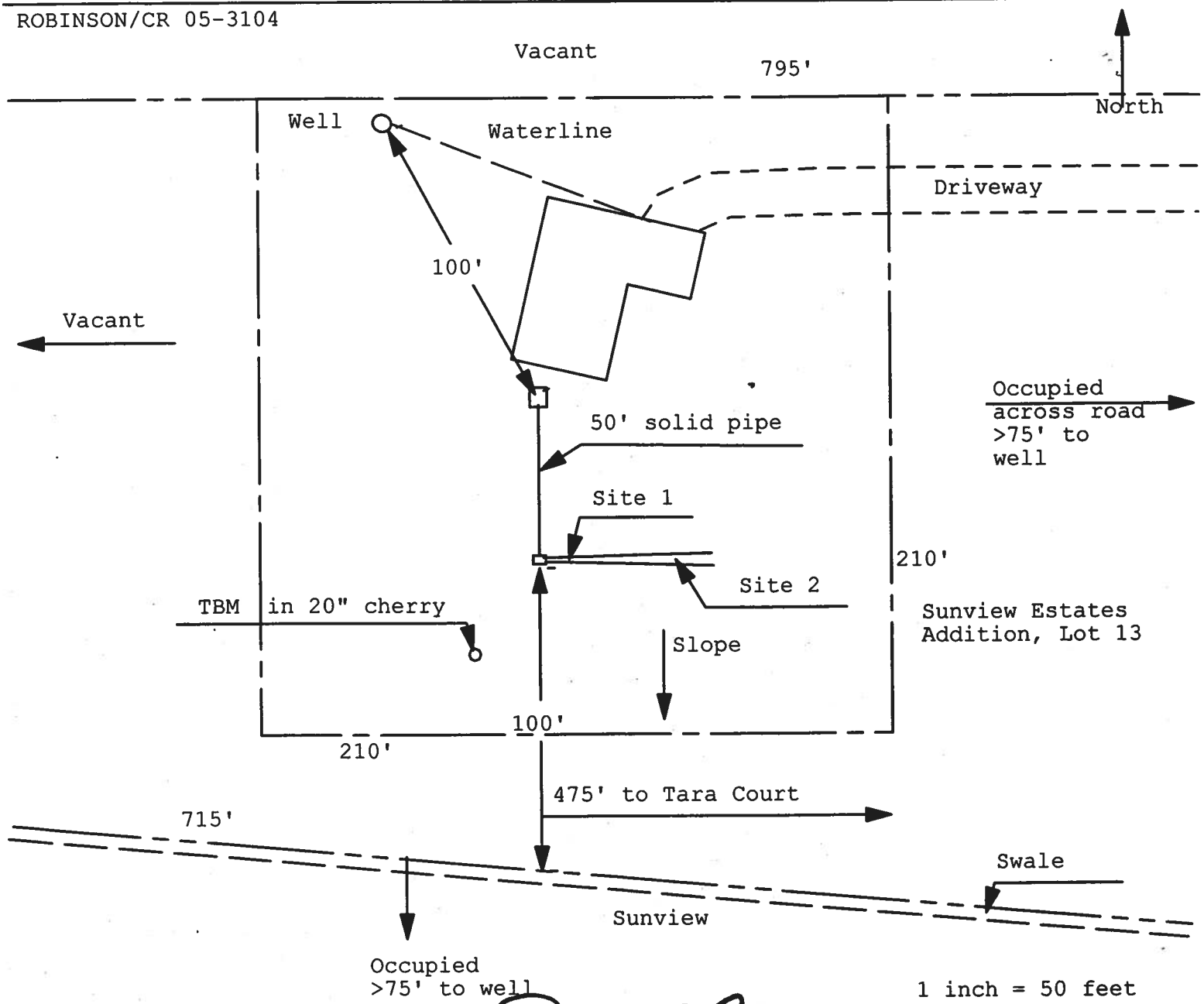
Dennis Mills
MY COMMISSION # CC950153 EXPIRES
June 28, 2004
BONDED THRU TROY FAIN INSURANCE, INC.

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 05-1095-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

ROBINSON/CR 05-3104



Site Plan Submitted By Paul Lloyd **Date** 9/20/05

Plan Approved ✓ **Not Approved** ____ **Date** 10/25/05

By [signature] Columbia **CPHU**

Notes: _____

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 33-5S-16-03745-313

1. **Description of property: (legal description of the property and street address or 911 address)**
LOT 13 SUNVIEW ESTATES ADDITION A SUBDIVISION RECORDED IN PLAT BOOK 7, PAGE 107, COLUMBIA COUNTY, FLORIDA

1168 SW TARA CT FORT WHITE, FL 32038

2. **General description of improvement:** NEW CONSTRUCTION / SINGLE FAMILY

3. **Owner Name & Address** BENNY ROBINSON 4210 SW 27 STREET HOLLYWOOD, FL 33023 **Interest in Property** _____

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

5. **Contractor Name** _____ **Phone Number** _____
Address _____

6. **Surety Holders Name** NONE **Phone Number** _____
Address _____
Amount of Bond _____

7. **Lender Name** NONE **Phone Number** _____
Address _____

8. **Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:**
Name _____ **Phone Number** _____
Address _____

9. **In addition to himself/herself the owner designates** _____ **of** _____ **to recei**
Inst:2006002038 Date:01/27/2006 Time:15:31
(a) 7. Phone Number of the designee _____ J.F. DC,P.DeWitt Cason,Columbia County B:1072 P:707

10. **Expiration date of the Notice of Commence** _____
(Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Benny Robinson
Signature of Owner

Sworn to (or affirmed) and subscribed before day of December 2, 20 05

NOTARY STAMP/SEAL

Brenda Terry
My Commission DD293888
Expires February 24, 2008

Brenda Terry
Signature of Notary

DISCLOSURE STATEMENT

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

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

(✓) Single Family Dwelling
( ) Two-Family Residence
( ) Farm Outbuilding
( ) Other_____
(X) New Construction
( ) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

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

Signature Date

FOR BUILDING USE ONLY

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

Date 1/27/06 Building Official/Representative

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * 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 ISSUED: October 24, 2005

ENHANCED 9-1-1 ADDRESS:

168 SW TARA CT (FORT WHITE, FL 32038)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS:

PROPERTY APPRAISER PARCEL NUMBER: 33-5S-16-03745-313

Other Contact Phone Number (If any):

Building Permit Number (If known):

Remarks: LOT 13 SUNVIEW ESTATES ADD 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.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

Columbia County Property Appraiser

DB Last Updated: 1/9/2006

2006 Proposed Values

Parcel: 33-5S-16-03745-313

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

<< Prev Search Result: 4 of 109 Next >>

Owner's Name	ROBINSON BENNY L SR &
Site Address	SUNVIEW EST
Mailing Address	NANCY F ROBINSON 4200 SW 27TH ST HOLLYWOOD, FL 33023
Brief Legal	LOT 13 SUNVIEW ESTATES ADD S/D AG 1042-598.

Use Desc. (code)	VACANT (000000)
Neighborhood	33516.00
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	5.010 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	$26,000.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (1)	$3,600.00
Total Appraised Value		$29,600.00

Just Value	$29,600.00
Class Value	$0.00
Assessed Value	$29,600.00
Exempt Value	$0.00
Total Taxable Value	$29,600.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
5/27/2003	1042/598	AG	V	U	01	$28,500.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0030	BARN,MT	2005	$3,600.00	360.000	18 x 20 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (5.010AC)	1.00/1.00/1.00/1.00	$24,000.00	$24,000.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$2,000.00	$2,000.00

Columbia County Property Appraiser DB Last Updated: 1/9/2006

<< Prev 4 of 109 Next >>

33-5S-16-03745-313

LOT 13 SUNVIEW ESTATES ADD S/D
AG 1042-598.

ROBINSON BENNY L SR &
NANCY F ROBINSON
4200 SW 27TH ST
HOLLYWOOD FL 33023

33-5S-16-03745-313 Columbia Cou

PRINTED 12/08/2005 11:39
APPR 10/01/2002 JEFF

USE		AE?	HTD AREA	.000	INDEX	33516.00	NBHD	PROP USE	000
MOD	BATH		EFF AREA		E-RATE	.000	INDX	STR 33- 5S- 16	
EXW	FIXT		RCN				AYB	MKT AREA 02	
%	BDRM		%GOOD		BLDG VAL		EYB	(PUD1	
RSTR	RMS							AC 5.010	
RCVR	UNTS		FIELD CK:					NTCD	
%	C-W%		LOC: SUNVIEW EST					APPR CD	
INT	HGHT							CNDO	
%	PMTR							SUBD	
FLR	STYS							BLK	
%	ECON							LOT	
HTTP	FUNC							MAP# 50	
A/C	SPCD								
QUAL	DEPR							TXDT 003	
FNDN	UD-1								
SIZE	UD-2							BLDG TRA	
CEIL	UD-3								
ARCH	UD-4								
FRME	UD-5								
KTCH	UD-6								
WNDO	UD-7								
CLAS	UD-8								
OCC	UD-9								
COND	%							PERMIT	

SUB	A-AREA	%	E-AREA	SUB VALUE
TOTAL				

NUMBER	DESC
23875	M H

BOOK	PAGE	DATE
1042	598	5/27/200

GRANTOR SUBRANDY LIMITE
GRANTEE BENNY L SR & NA

GRANTOR
GRANTEE

EXTRA FEATURES

AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ UT PR	SPCD %

FIELD CK:

AE	LAND CODE	DESC	ZONE	TOPO	ROAD	UTIL	UD1	UD2	UD3	UD4	FRONT	BACK	DEPTH	DT	ADJUSTMENTS	UNITS	UT	PRICE	ADJ UT PI
Y	000000	VAC RES	A-1		0007										1.00 1.00 1.00 1.00	1.000	LT	24000.000	24000.
					0002	0003													

2006

FORM 600A-2001 EnergyGauge® 3.4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**ROBINSON RESIDENCE**	Builder:	**WOODMAN PARK BUILDER**
Address:		Permitting Office:	**COLUMBIA COUNTY**
City, State:	,	Permit Number:	
Owner:	**BENNY ROBINSON**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		1705 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	42.0 ft²	159.0 ft²	
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 182.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Concrete, Int Insul, Exterior		R=5.0, 1507.0 ft²	
b. Concrete, Int Insul, Adjacent		R=0.0, 198.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1704.8 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 45.0 ft	
b. N/A			

12. Cooling systems	
a. Central Unit	Cap: 36.0 kBtu/hr
	SEER: 12.00
b. N/A	
c. N/A	
13. Heating systems	
a. PTHP	Cap: 36.0 kBtu/hr
	COP: 3.40
b. N/A	
c. N/A	
14. Hot water systems	
a. Electric Resistance	Cap: 40.0 gallons
	EF: 0.90
b. N/A	
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	

Glass/Floor Area: 0.12

Total as-built points: 23217

Total base points: 27192

PASS

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

PREPARED BY: Larry Resmondo A/C

DATE: Dec 6, 2005

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	1705.0	20.04	6150.3	Double, Clear	E	1.5	6.0	45.0	42.06	0.91	1727.7
				Double, Clear	W	1.5	6.0	60.0	38.52	0.91	2111.2
				Single, Clear	N	5.0	8.0	21.0	21.73	0.79	359.9
				Double, Clear	E	6.0	8.0	14.0	42.06	0.59	349.2
				Double, Clear	W	7.5	6.0	20.0	38.52	0.48	368.2
				Single, Clear	S	5.0	8.0	21.0	40.81	0.60	516.6
				Double, Clear	N	1.5	3.0	4.0	19.20	0.83	63.8
				Double, Clear	S	1.5	5.0	16.0	35.87	0.81	463.1
				As-Built Total:				**201.0**			**5959.7**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	198.0	0.70	138.6	Concrete, Int Insul, Exterior	5.0	1507.0	1.00	1507.0
Exterior	1507.0	1.70	2561.9	Concrete, Int Insul, Adjacent	0.0	198.0	1.10	217.8
Base Total:	**1705.0**		**2700.5**	**As-Built Total:**		**1705.0**		**1724.8**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	21.0	2.40	50.4	Exterior Wood	21.0	6.10	128.1
Exterior	21.0	6.10	128.1	Adjacent Wood	21.0	2.40	50.4
Base Total:	**42.0**		**178.5**	**As-Built Total:**	**42.0**		**178.5**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1704.8	1.73	2949.3	Under Attic	30.0	1704.8	1.73 X 1.00	2949.3
Base Total:	**1704.8**		**2949.3**	**As-Built Total:**		**1704.8**		**2949.3**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	182.0(p)	-37.0	-6734.0	Slab-On-Grade Edge Insulation	0.0	182.0(p	-41.20	-7498.4
Raised	0.0	0.00	0.0					
Base Total:			**-6734.0**	**As-Built Total:**		**182.0**		**-7498.4**

INFILTRATION	Area X	BSPM	= Points	Area X	SPM	= Points
	1705.0	10.21	17408.1	1705.0	10.21	17408.1

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT						
Summer Base Points:			**22652.6**	**Summer As-Built Points:**						**20721.9**
Total Summer Points	X System Multiplier	= Cooling Points		Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
22652.6	**0.4266**	**9663.6**		20721.9 **20721.9**	1.000 **1.00**	(1.090 x 1.147 x 1.00) **1.250**	0.284 **0.284**	1.000 **1.000**	7368.4 **7368.4**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1705.0	12.74	3909.9	Double, Clear	E	1.5	6.0	45.0	18.79	1.04	875.7	
				Double, Clear	W	1.5	6.0	60.0	20.73	1.02	1272.9	
				Single, Clear	N	5.0	8.0	21.0	33.22	1.01	706.2	
				Double, Clear	E	6.0	8.0	14.0	18.79	1.21	318.7	
				Double, Clear	W	7.5	6.0	20.0	20.73	1.19	493.6	
				Single, Clear	S	5.0	8.0	21.0	20.24	1.97	838.0	
				Double, Clear	N	1.5	3.0	4.0	24.58	1.01	99.2	
				Double, Clear	S	1.5	5.0	16.0	13.30	1.20	254.7	
				As-Built Total:				**201.0**			**4859.1**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Adjacent	198.0	3.60	712.8	Concrete, Int Insul, Exterior			5.0	1507.0	5.70	8589.9		
Exterior	1507.0	3.70	5575.9	Concrete, Int Insul, Adjacent			0.0	198.0	6.80	1346.4		
Base Total:	**1705.0**		**6288.7**	**As-Built Total:**				**1705.0**		**9936.3**		
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =	Points		
Adjacent	21.0	11.50	241.5	Exterior Wood				21.0	12.30	258.3		
Exterior	21.0	12.30	258.3	Adjacent Wood				21.0	11.50	241.5		
Base Total:	**42.0**		**499.8**	**As-Built Total:**				**42.0**		**499.8**		
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =	Points		
Under Attic	1704.8	2.05	3494.8	Under Attic			30.0	1704.8	2.05 X 1.00	3494.8		
Base Total:	**1704.8**		**3494.8**	**As-Built Total:**				**1704.8**		**3494.8**		
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Slab	182.0(p)	8.9	1619.8	Slab-On-Grade Edge Insulation			0.0	182.0(p	18.80	3421.6		
Raised	0.0	0.00	0.0									
Base Total:			**1619.8**	**As-Built Total:**				**182.0**		**3421.6**		
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =	Points		
	1705.0	-0.59	-1005.9					1705.0	-0.59	-1005.9		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**14807.1**	**Winter As-Built Points:**					**21205.7**
Total Winter Points	X System Multiplier	= Heating Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
14807.1	**0.6274**	**9290.0**	21205.7 **21205.7**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.294 **0.294**	1.000 **1.000**	7794.1 **7794.1**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3	2746.00	8238.0		40.0	0.90	3	1.00	2684.98	1.00	8054.9
				As-Built Total:						**8054.9**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
9664	**9290**	**8238**	**27192**	**7368**	**7794**	**8055**	**23217**

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 6-12. 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* = 85.5

The higher the score, the more efficient the home.

BENNY ROBINSON, , , ,

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		1705 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	42.0 ft²	159.0 ft²	
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 182.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Concrete, Int Insul, Exterior		R=5.0, 1507.0 ft²	
b. Concrete, Int Insul, Adjacent		R=0.0, 198.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1704.8 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 45.0 ft	
b. N/A			

12. Cooling systems	
a. Central Unit	Cap: 36.0 kBtu/hr
	SEER: 12.00
b. N/A	
c. N/A	
13. Heating systems	
a. PTHP	Cap: 36.0 kBtu/hr
	COP: 3.40
b. N/A	
c. N/A	
14. Hot water systems	
a. Electric Resistance	Cap: 40.0 gallons
	EF: 0.90
b. N/A	
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

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	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☑	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☑	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☑	**Wind-load Engineering Summary, calculations and any details required** 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, Iw, 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/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
☑	☐	**Elevations including:** a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

d) Location, size and height above roof of chimneys.
e) Location and size of skylights
f) Building height
e) Number of stories

Floor Plan including:

a) Rooms labeled and dimensioned.
b) Shear walls 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 (termiticide 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

ATTN: 3 PAGES
JIMMY GARAGE

Anthony 24F Power Beam®
Design Properties

24F Power Beam® Design Properties

Allowable Design Stresses (psi)

Flexural Stress F_b*	Tension Parallel to Grain F_t	Compression Perpendicular to Grain $F_{c\perp}$	Horizontal Shear F_v	Modulus of Elasticity MOE
2400	1150	740	240	1,800,000

*For nominal 12" depths. For other depths:

$C_v = K_L[(21/L)^{1/m} \times (12/d)^{1/n} \times (5.125/b)^{1/n}] \leq 1.0$

L= length of member between points of zero moment, ft.

d = depth, of bending member, inches.

b = width, inches for full width members.

K_L = loading coefficient.

	KL
SINGLE SPAN BEAM:	
Concentrated load at mid span	1.09
Uniformly distributed loads	1.0
Two equal concentrated loads at 1/3 points of span	0.96
CONTINUOUS BEAM OR CANTILEVER:	
All loading conditions	1.0

Power Beam® Section Properties

3-1/8" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)							
	8¼	9½	11	12¾	13¾	15¼	16½	17¼
Area (in.²)	26	30	34	39	43	47	52	56
Section Modulus(in.³)	35	48	63	80	98	119	142	166
Moment of Inertia(in.⁴)	146	232	347	494	677	901	1,170	1,487
Weight (lbs/LF)	6.8	7.9	9.1	10.2	11.3	12.5	13.6	14.8

5-1/8" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)									
	11	12¾	13¾	15 ¼	16½	17¼	19¼	20¾	22	23¾
Area (in.²)	56	63	70	78	85	92	99	106	113	120
Section Modulus(in.³)	103	131	161	195	233	273	317	363	413	467
Moment of Inertia(in.⁴)	568	809	1110	1478	1919	2439	3047	3747	4548	5455
Weight (lbs/LF)	14.9	16.7	18.6	20.5	22.3	24.2	26.1	27.9	29.8	31.6

3-1/2" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)							
	8¼	9½	11	12½	13¾	15 ½	16½	17¼
Area (in.²)	29	34	39	43	48	53	58	63
Section Modulus(in.³)	40	54	71	89	110	133	159	186
Moment of Inertia(in.⁴)	164	260	388	553	758	1009	1310	1666
Weight (lbs/LF)	7.6	8.9	10.2	11.4	12.7	14	15.3	16.5

5-1/2" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)									
	11	12¾	13¾	15 ¼	16½	17¼	19¼	20¾	22	23¾
Area (in.²)	61	68	76	83	91	98	106	113	121	129
Section Modulus(in.³)	111	140	173	210	250	293	340	390	444	503
Moment of Inertia(in.⁴)	610	869	1191	1586	2059	2618	3269	4021	4880	5854
Weight (lbs/LF)	16	18	20	22	24	26	28	30	32	34

6-3/4" POWER BEAM®

Design Property	STANDARD DEPTHS (in inches)															
	8¼	9¼	11	12¾	13¾	15 ¼	16½	17¼	19 ¼	20 ¾	22	23¾	24 ½	26 ¼	27 ¼	28 ¾
Area (in.²)	56	65	74	84	93	102	111	121	130	139	149	158	167	176	187	195
Section Modulus(in.³)	77	104	136	172	213	257	306	359	417	479	545	615	689	768	856	938
Moment of Inertia(in.⁴)	316	502	749	1066	1462	1946	2527	3213	4012	4935	5990	7186	8528	10030	11702	13542
Weight (lbs/LF)	14.7	17.1	19.6	22.0	24.5	26.9	29.4	31.8	34.3	36.7	39.2	41.6	44.1	46.5	49.4	51.4

Boise Cascade 24F Power Beam®

Allowable Floor Load Tables LDF=1.0

3-1/8" & 5-1/8" Widths - Standard Depths

Key - for each clear span there are three numbers:
Row 1: Maximum Total Load with LDF of 1.0, and deflection limited to L/240
Row 2: Maximum Live Load limited by deflection of L/360
Row 3: Required Bearing Length in trimmer thickness
(e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Uniform Floor Load in Pounds per Linear Foot

Actual Span	3 1/8" Depth (in.)							
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8
6'	1509	2136	2831	3132	3696	4335	5063	5902
	1509	2136	2831	3132	3696	4335	5063	5902
	3	3	4.5	4.5	6	7.5	7.5	9
7'	1151	1367	2049	2496	2909	3364	3868	4430
	1137	1367	2049	2496	2909	3364	3868	4430
	3	3	4.5	4.5	6	6	7.5	7.5
8'	879	1198	1586	1984	2397	2748	3129	3545
	762	1198	1586	1984	2397	2748	3129	3545
	3	3	3	4.5	4.5	6	6	7.5
9'	693	945	1236	1565	1933	2322	2626	2954
	535	849	1236	1565	1933	2322	2626	2954
	1.5	3	3	4.5	4.5	6	6	7.5
10'	560	764	999	1266	1564	1894	2255	2531
	390	619	924	1266	1564	1894	2255	2531
	1.5	3	3	3	4.5	4.5	6	6
11'	462	630	824	1044	1290	1563	1861	2185
	293	465	694	989	1290	1563	1861	2185
	1.5	3	3	3	4.5	4.5	6	6
12'	332	528	691	876	1082	1311	1562	1834
	224	338	535	762	1045	1311	1562	1834
	1.5	1.5	3	3	3	4.5	6	6
13'	259	415	587	785	921	1115	1328	1560
	177	282	421	599	822	1094	1328	1560
	1.5	1.5	3	3	3	4.5	6	6
14'	206	330	466	641	792	960	1144	1343
	142	226	337	480	658	876	1137	1343
	1.5	1.5	3	3	3	4.5	4.5	6
15'	166	267	401	557	689	834	994	1168
	116	183	274	390	535	712	926	1168
	1.5	1.5	1.5	3	3	3	4.5	4.5
16'	136	219	329	471	604	732	872	1025
	95	151	226	321	441	587	762	968
	1.5	1.5	1.5	3	3	3	4.5	4.5
17'	112	181	273	391	536	647	771	906
	79	126	188	268	367	489	635	807
	1.5	1.5	1.5	1.5	3	3	3	4.5
18'	93	151	228	328	450	576	686	807
	67	106	158	226	310	412	535	680
	1.5	1.5	1.5	1.5	3	3	3	4.5
19'	78	127	193	277	383	513	654	722
	57	90	135	192	263	350	455	578
	1.5	1.5	1.5	1.5	3	3	3	4.5
20'	66	108	164	236	327	438	535	651
	49	77	116	165	226	300	390	496
	1.5	1.5	1.5	1.5	1.5	3	3	3
21'	56	92	140	203	281	376	491	589
	42	67	100	142	195	259	337	428
	1.5	1.5	1.5	1.5	1.5	3	3	3
22'	48	79	121	175	243	326	425	533
	37	58	87	124	170	226	293	372
	1.5	1.5	1.5	1.5	1.5	3	3	3
23'	40	68	105	152	211	285	371	474
	32	51	76	108	148	197	256	328
	1.5	1.5	1.5	1.5	1.5	1.5	3	3
24'	35	59	91	132	184	248	323	415
	28	45	67	95	131	174	226	287
	1.5	1.5	1.5	1.5	1.5	1.5	3	3
25'	30	51	79	116	162	218	286	366
	25	40	59	84	116	154	200	254
	1.5	1.5	1.5	1.5	1.5	1.5	3	3
26'	26	45	70	102	142	192	252	323
	22	35	53	75	103	137	177	226
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3
27'	23	39	61	90	126	170	224	287
	20	31	47	67	92	122	158	202
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3
28'	20	34	54	79	112	151	199	256
	18	28	42	60	82	109	142	181
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3
29'	17	30	48	70	99	135	178	228
	16	25	38	54	74	99	128	163
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
30'	15	26	42	63	89	121	159	205
	14	23	34	49	67	89	116	147
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
32'	11	20	33	50	71	97	129	166
	11	19	28	40	55	73	95	121
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

Actual Span	5 1/8" Depth (in.)									
	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8
6'	4314	5437	6062	7109	8303	9679	11282	13171	15432	18186
	4314	5437	6062	7109	8303	9679	11282	13171	15432	18186
	4.5	4.5	6	7.5	7.5	9	10.5	12	15	18
7'	3380	4193	4770	5517	6344	7266	8299	9466	10793	12317
	3380	4193	4770	5517	6344	7266	8299	9466	10793	12317
	4.5	4.5	6	6	7.5	7.5	9	10.5	12	13.5
8'	2589	3253	3931	4508	5131	5814	6562	7385	8296	9308
	2589	3253	3931	4508	5131	5814	6562	7385	8296	9308
	3	4.5	4.5	6	6	7.5	7.5	9	10.5	12
9'	2026	2567	3171	3807	4307	4844	5424	6052	6734	7478
	2026	2567	3171	3807	4307	4844	5424	6052	6734	7478
	3	4.5	4.5	6	6	7.5	7.5	9	9	10.5
10'	1638	2076	2565	3105	3698	4151	4622	5126	5666	6248
	1516	2076	2565	3105	3698	4151	4622	5126	5666	6248
	3	3	4.5	4.5	6	6	7.5	7.5	9	9
11'	1351	1713	2116	2561	3052	3584	4025	4444	4889	5364
	1139	1622	2116	2561	3052	3584	4025	4444	4889	5364
	3	3	4.5	4.5	6	6	7.5	7.5	7.5	9
12'	1133	1438	1775	2150	2561	3008	3490	3922	4299	4698
	877	1249	1713	2150	2561	3008	3490	3922	4299	4698
	3	3	3	4.5	6	6	7.5	7.5	7.5	9
13'	963	1221	1510	1829	2179	2559	2970	3401	3835	4178
	690	982	1348	1794	2179	2559	2970	3401	3835	4178
	3	3	3	4.5	4.5	6	6	7.5	7.5	7.5
14'	813	1051	1299	1574	1875	2203	2548	2917	3311	3728
	552	787	1079	1436	1864	2203	2548	2917	3311	3728
	3	3	3	3	4.5	4.5	6	6	7.5	7.5
15'	658	913	1129	1369	1631	1910	2209	2529	2870	3232
	449	640	877	1168	1516	1910	2209	2529	2870	3232
	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5
16'	540	773	980	1200	1437	1670	1932	2212	2510	2827
	370	527	723	962	1249	1588	1952	2212	2510	2827
	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5
17'	448	642	872	1080	1258	1472	1705	1950	2214	2493
	309	439	603	802	1081	1328	1634	1950	2214	2493
	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6
18'	375	538	742	940	1110	1307	1512	1751	1985	2214
	260	370	508	676	877	1115	1393	1713	1985	2214
	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6
19'	316	455	628	839	997	1167	1350	1547	1756	1978
	221	315	432	573	746	948	1184	1457	1756	1978
	1.5	1.5	3	3	3	3	4.5	4.5	4.5	6
20'	269	388	536	718	895	1068	1213	1389	1578	1778
	189	270	370	493	640	813	1016	1249	1516	1778
	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6
21'	230	332	460	617	806	946	1095	1253	1425	1605
	164	233	320	426	552	702	877	1079	1309	1571
	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6
22'	198	287	398	534	698	838	993	1138	1292	1456
	142	209	278	370	480	611	763	938	1139	1366
	1.5	1.5	1.5	3	3	3	3	4.5	4.5	4.5
23'	172	249	346	465	608	777	904	1036	1177	1327
	125	177	243	324	420	535	668	821	997	1198
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
24'	149	217	302	407	532	681	826	947	1076	1213
	110	156	214	285	370	471	588	723	877	1052
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
25'	130	190	265	357	468	600	733	869	987	1113
	97	138	189	252	327	416	520	640	776	931
	1.5	1.5	1.5	1.5	3	3	3	3	4.5	4.5
26'	114	167	234	315	414	530	667	800	909	1023
	86	123	168	224	291	370	462	569	690	828
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5
27'	100	147	207	279	367	471	592	733	839	946
	77	110	150	200	260	330	413	508	616	739
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5
28'	88	130	183	248	327	420	528	654	778	876
	69	98	135	180	233	296	370	455	552	663
	1.5	1.5	1.5	1.5	1.5	3	3	3	3	4.5
29'	78	116	163	221	292	375	473	586	715	813
	62	88	121	162	210	267	333	410	497	598
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5
30'	69	103	145	196	261	337	425	526	643	758
	56	80	110	146	189	241	301	370	449	539
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5
32'	54	82	116	159	211	275	343	429	525	633
	46	66	90	120	156	199	248	305	370	444
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3

Allowable Roof Load Tables - LDF = 1.25

3-1/8" & 5-1/8" Widths - Standard Depths

Key - for each clear span there are three numbers:
Row 1: Maximum Total Load with LDF of 1.25, and deflection limited to L/180
Row 2: Maximum Live Load limited by deflection of L/240
Row 3: Required Bearing Length in trimmer thickness (e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header.

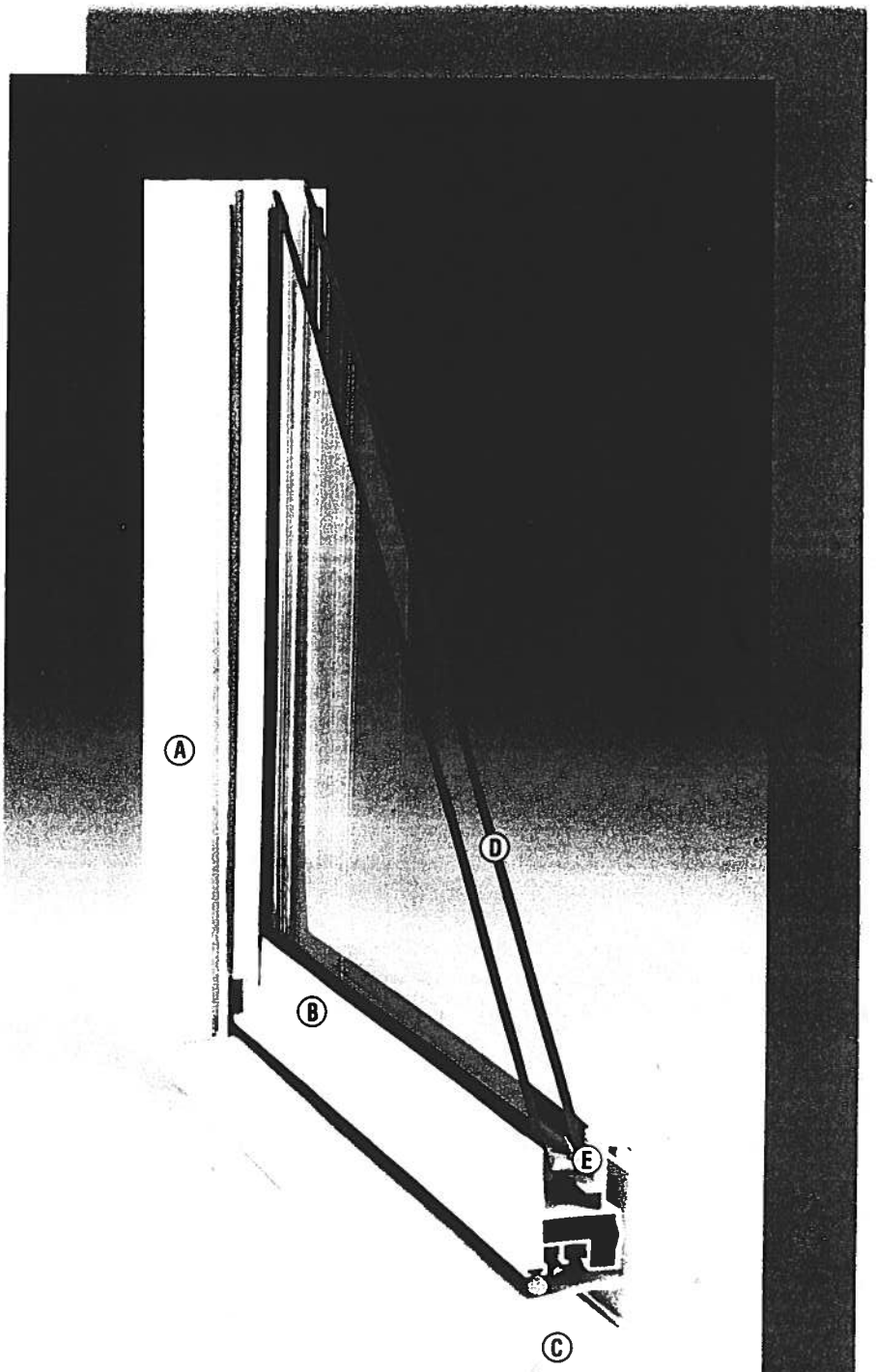
Actual Span	3 1/8" Depth (in.)								5 1/8" Depth (in.)								
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8
6'	1962	2672	3591	3918	4623	5421	6332	7381	5397	6426	7582	8891	10385	12106	14109	16421	19058	22041
	1962	2672	3591	3918	4623	5421	6332	7381	5397	6426	7582	8891	10385	12106	14109	16421	19058	22041
	3	4.5	6	6	7.5	9	10.5	12	6	6	7.5	9	10.5	12	13.5	16.5	19.5	24
7'	1440	1961	2563	3122	3679	4208	4839	5542	4203	5121	5968	6901	7936	9089	10381	11840	13499	15404
	1440	1961	2563	3122	3679	4208	4839	5542	4203	5121	5968	6901	7936	9089	10381	11840	13499	15404
	3	4.5	4.5	6	6	7.5	9	10.5	4.5	6	6	7.5	9	10.5	12	13.5	15	18
8'	1101	1500	1960	2482	2999	3438	3915	4435	3215	4071	4919	5638	6420	7274	8209	9238	10377	11643
	1101	1500	1960	2482	2999	3438	3915	4435	3215	4071	4919	5638	6420	7274	8209	9238	10377	11643
	3	3	4.5	4.5	6	7.5	7.5	9	4.5	4.5	6	7.5	7.5	9	10.5	12	13.5	15
9'	868	1183	1547	1959	2428	2905	3286	3696	2537	3213	3968	4765	5389	6061	6787	7572	8426	9356
	802	1183	1547	1959	2420	2905	3286	3696	2537	3213	3968	4765	5389	6061	6787	7572	8426	9356
	3	3	4.5	4.5	6	6	7.5	9	4.5	4.5	6	6	7.5	9	9	10.5	12	13.5
10'	703	957	1251	1585	1958	2370	2822	3167	2052	2599	3211	3887	4628	5194	5784	6414	7091	7818
	585	929	1251	1585	1958	2370	2822	3167	2052	2599	3211	3887	4628	5194	5784	6414	7091	7818
	3	3	3	4.5	4.5	6	7.5	7.5	3	4.5	4.5	6	7.5	7.5	9	10.5	10.5	12
11'	579	789	1032	1308	1616	1957	2330	2736	1693	2145	2650	3209	3821	4486	5038	5562	6119	6713
	439	698	1032	1308	1616	1957	2330	2736	1693	2145	2650	3209	3821	4486	5038	5562	6119	6713
	1.5	3	3	4.5	4.5	6	6	7.5	3	4.5	4.5	6	6	7.5	9	9	10.5	10.5
12'	444	662	866	1097	1356	1642	1955	2298	1420	1800	2224	2693	3207	3766	4369	4909	5381	5880
	338	538	802	1097	1356	1642	1955	2296	1316	1800	2224	2693	3207	3766	4369	4909	5381	5880
	1.5	3	3	3	4.5	4.5	6	7.5	3	3	4.5	4.5	6	7.5	7.5	9	10.5	10.5
13'	348	520	736	933	1154	1397	1664	1954	1208	1531	1892	2291	2729	3205	3719	4258	4802	5231
	266	423	631	899	1154	1397	1664	1954	1035	1474	1892	2291	2729	3205	3719	4238	4802	5231
	1.5	3	3	3	4.5	4.5	6	6	3	3	4.5	4.5	6	6	7.5	9	9	10.5
14'	277	443	634	803	993	1203	1433	1683	1039	1318	1629	1973	2350	2760	3192	3654	4146	4668
	213	338	505	719	987	1203	1433	1683	829	1180	1618	1973	2350	2760	3192	3654	4146	4668
	1.5	1.5	3	3	4.5	4.5	4.5	6	3	3	4.5	4.5	4.5	6	7.5	7.5	9	10.5
15'	228	359	538	699	864	1046	1246	1464	883	1146	1416	1716	2044	2394	2768	3168	3595	4048
	173	275	411	585	802	1046	1246	1464	674	959	1316	1716	2044	2394	2768	3168	3595	4048
	1.5	1.5	3	3	3	4.5	4.5	6	3	3	3	4.5	4.5	6	6	7.5	7.5	9
16'	183	304	442	613	758	918	1094	1285	725	1005	1243	1506	1790	2094	2421	2772	3146	3542
	143	227	338	492	661	800	1094	1285	555	790	1084	1442	1790	2094	2421	2772	3146	3542
	1.5	1.5	3	3	3	4.5	4.5	6	3	3	3	4.5	4.5	6	6	7.5	7.5	9
17'	152	244	367	525	670	812	967	1137	602	841	1098	1330	1578	1846	2135	2445	2775	3125
	119	189	282	402	551	734	932	1137	463	659	904	1203	1562	1846	2135	2445	2775	3125
	1.5	1.5	1.5	3	3	4.5	4.5	4.5	3	3	3	4.5	4.5	4.5	6	6	7.5	7.5
18'	127	204	308	441	586	725	861	1012	505	725	978	1181	1401	1639	1896	2171	2464	2776
	100	159	238	338	464	618	802	1012	390	555	761	1014	1316	1639	1896	2171	2464	2776
	1.5	1.5	1.5	3	3	3	4.5	4.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5
19'	107	172	260	373	515	647	772	907	427	613	841	1054	1251	1469	1695	1940	2203	2481
	85	135	202	288	395	525	682	867	332	472	647	862	1119	1422	1695	1940	2203	2481
	1.5	1.5	1.5	3	3	3	4.5	4.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5
20'	91	147	223	319	440	583	693	817	364	522	721	947	1134	1316	1523	1744	1980	2230
	73	116	173	247	338	451	585	744	284	405	555	739	959	1220	1523	1744	1980	2230
	1.5	1.5	1.5	1.5	3	3	4.5	4.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5
21'	77	126	191	274	378	506	639	740	312	449	620	830	1015	1189	1375	1575	1788	2015
	63	100	150	213	292	389	505	642	246	350	480	638	829	1054	1316	1575	1788	2015
	1.5	1.5	1.5	1.5	3	3	3	4.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6
22'	66	108	164	237	327	439	572	673	269	388	537	719	921	1078	1249	1429	1623	1829
	55	87	130	185	256	338	439	559	214	306	417	555	721	916	1144	1408	1623	1829
	1.5	1.5	1.5	1.5	3	3	3	4.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6
23'	57	94	143	206	285	382	499	614	234	338	468	627	818	982	1137	1302	1479	1666
	48	76	114	162	223	296	385	489	187	266	365	486	631	802	1002	1232	1479	1666
	1.5	1.5	1.5	1.5	1.5	3	3	4.5	1.5	1.5	1.5	3	3	4.5	4.5	4.5	6	6
24'	49	81	124	180	250	335	437	559	204	295	409	549	717	898	1040	1191	1353	1525
	42	67	100	143	196	261	338	430	164	234	321	428	555	706	882	1084	1316	1525
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6
25'	43	71	109	158	219	295	385	493	179	259	360	483	632	808	934	1093	1242	1400
	37	59	89	126	173	231	299	381	146	207	284	378	491	624	780	959	1164	1396
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6
26'	37	62	96	139	194	261	341	436	157	228	318	427	559	715	878	1007	1143	1289
	33	53	79	112	154	205	266	338	129	184	253	336	437	555	693	853	1015	1241
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	3	3	4.5	4.5	4.5	4.5	4.5
27'	33	55	85	123	172	231	303	388	139	202	282	379	497	636	799	939	1056	1191
	30	47	70	100	138	185	238	302	116	164	226	300	391	498	619	761	924	1099
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
28'	29	48	75	109	153	206	270	346	123	179	251	338	443	568	713	861	978	1111
	27	42	63	90	123	164	213	271	104	147	202	269	350	444	555	683	829	994
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
29'	25	43	66	97	136	184	242	310	109	160	224	302	397	509	639	791	908	1024
	24	38	57	81	111	148	192	244	93	133	182	242	315	400	500	615	746	895
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
30'	22	38	59	87	122	165	217	279	99	145	200	271	356	457	575	712	845	953
	22	34	51	73	100	133	173	220	84	120	164	218	284	361	451	555	674	808
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5
32'	17	30	47	70	99	134	176	227	77	115	162	220	289	372	469	581	710	831
	17	28	42	60	83	110	143	182	69	99	136	180	234	298	372	457	555	666
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5

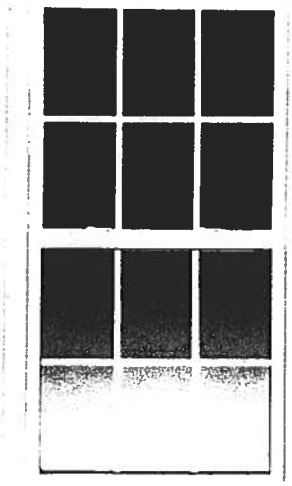
650 SERIES

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

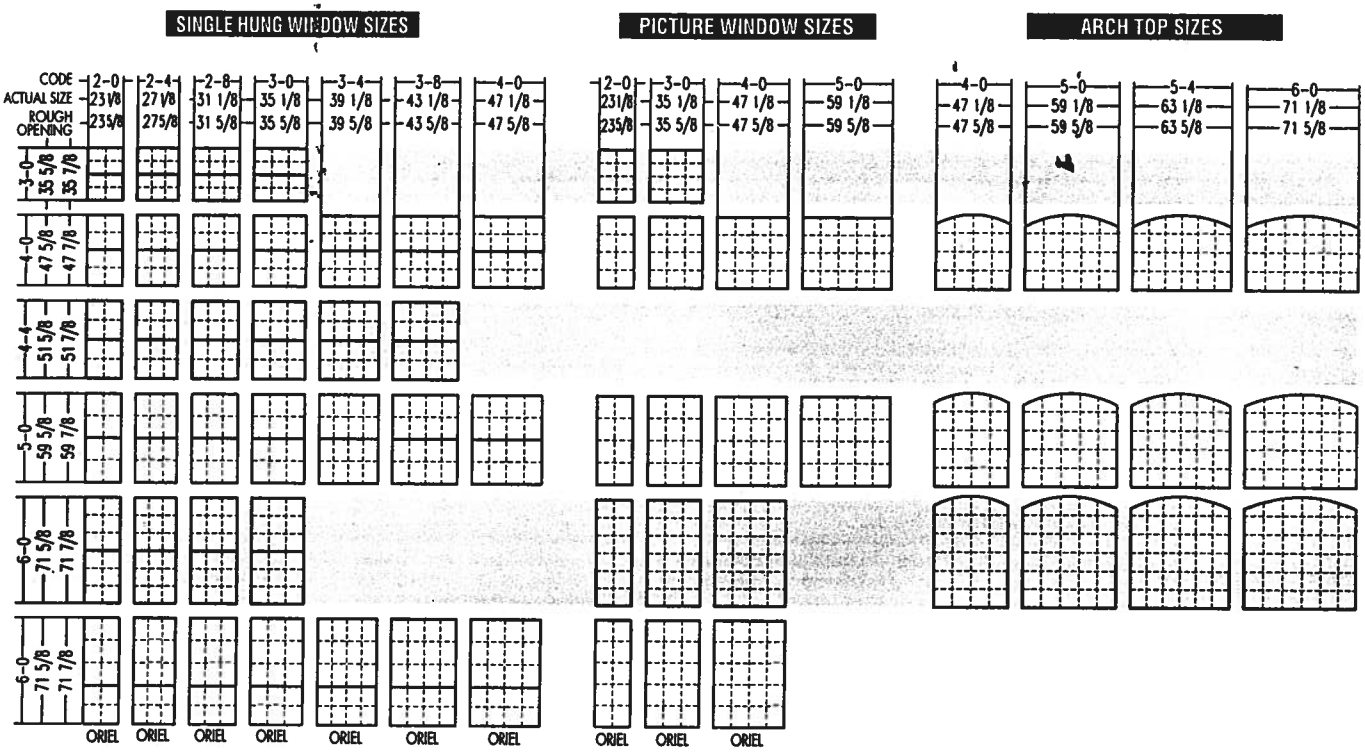
Single Hung Opening Specifications

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

CAPITOL™
WINDOWS AND DOORS

650 SERIES

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



QUALITY CONTROL & TESTING

AAMA CERTIFICATION PROGRAM

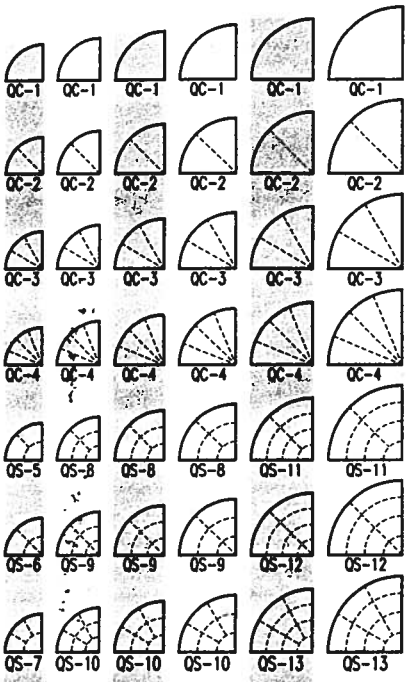
ACCREDITED BY: AMERICAN NATIONAL STANDARDS INSTITUTE

MEMBER | Validator: ALI® | CODE: MTL-4

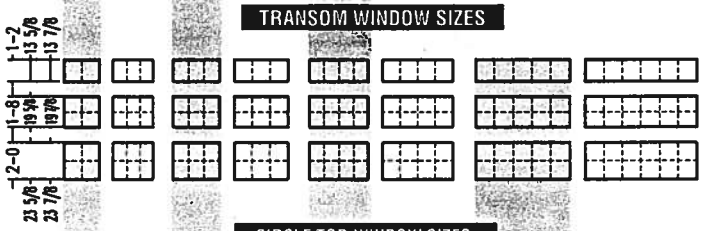
National Fenestration Rating Council CERTIFIED

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

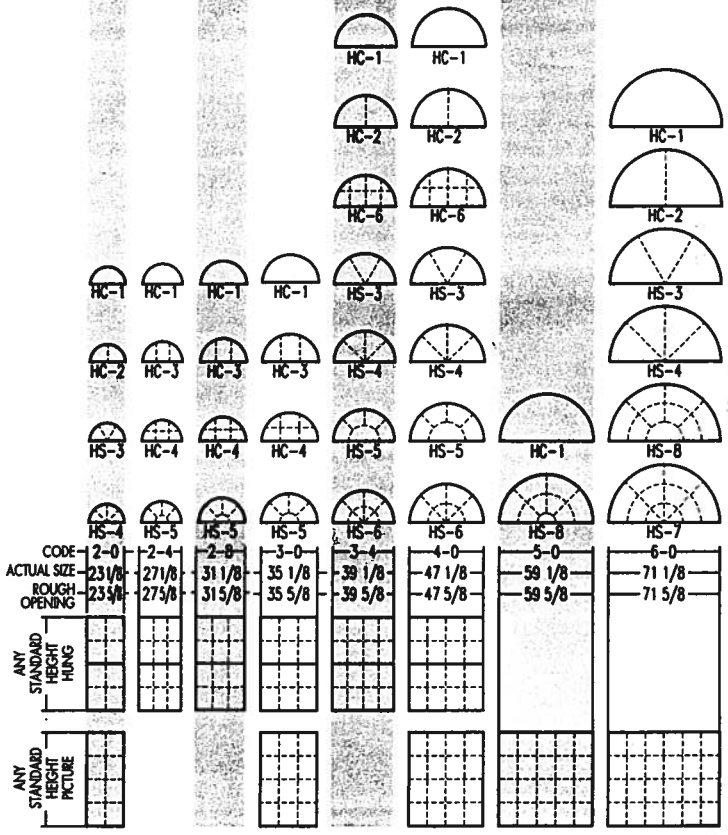
QUARTER CIRCLE WINDOW SIZES



TRANSOM WINDOW SIZES

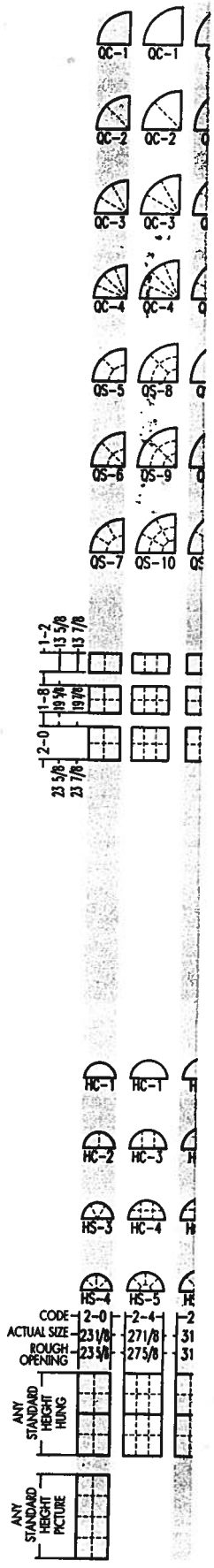


CIRCLE TOP WINDOW SIZES



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

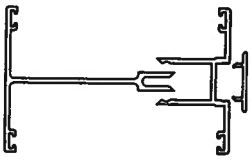


NOTE: Actu
Roug

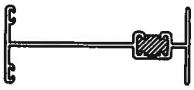
650 SERIES

Non-Thermal Single Hung Aluminum Windows

MULLIONS AVAILABLE

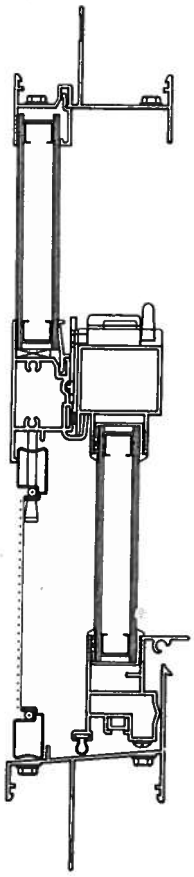


CM–45028
CM–45029 3-PIECE
CM–45030
11/16" ADD ON



CM–65024 H–MULL
1/8" ADD ON

VERTICAL DETAIL



HORIZONTAL DETAIL

OORS

MIAMI-DADE

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(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) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Premdor Entry Systems
One Premdor Drive
Dickson, TN 37055

Your application for Notice of Acceptance (NOA) of:
Entergy SE Double Door w/sidelites-Inswing -Opaque-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 Rodriguez
Chief Product 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

Premdor Entry Systems

ACCEPTANCE No.: 01-1031.06

APPROVED: December 11, 2001

EXPIRES: November 5, 2006

NOTICE 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-I, 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 <u>will not require</u> a hurricane protective system.
Sidelites: The installation of these units <u>will require</u> 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

Premdor Entry Systems

ACCEPTANCE No.: 01-1031.06

APPROVED: December 11, 2001

EXPIRES: November 5, 2006

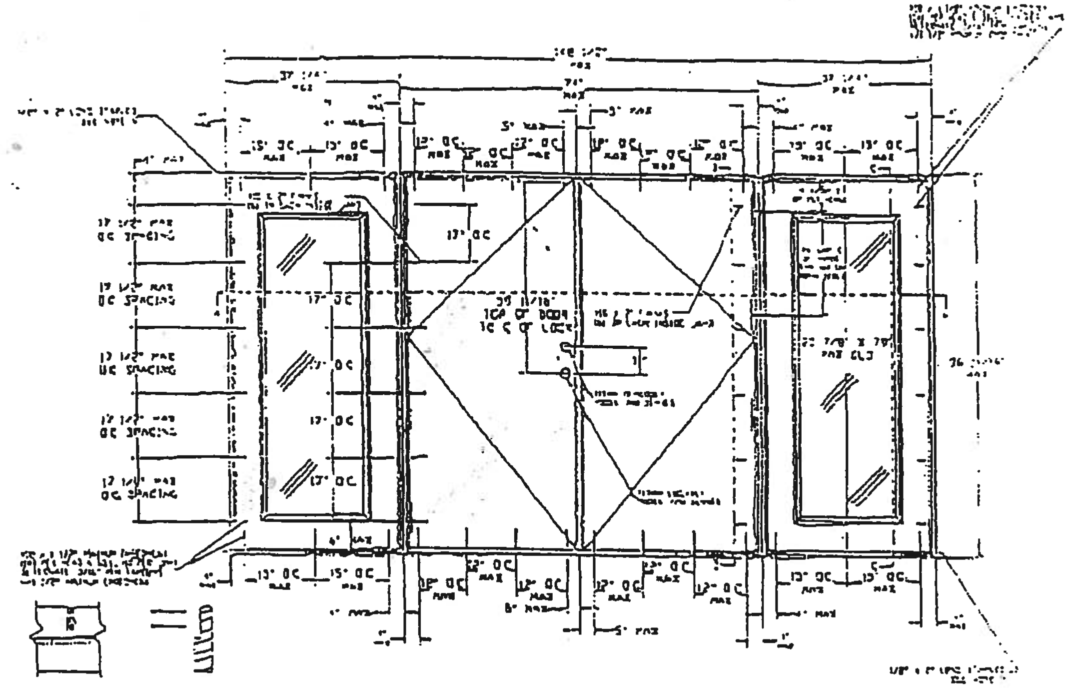
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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.

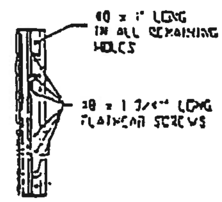
END OF THIS ACCEPTANCE

Raul Rodriguez, Chief
Product Control Division

PREMDOR (ENTERGY METAL EDGE) DOUBLE DOOR WITH SIDELITES IN WOOD FRAMES WITH BUMPER THRESHOLD-8'0" HEIGHT (INSWING)



ATTACH ASTRAGAL THROUGH BOLT STRIKE PLATE TO THE HEADER AND THRESHOLD WITH #10 x 2" FLATHEAD SCREWS



ASTRAGAL

NOTES:

1) WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
2) THE PRECEDING DRAWINGS ARE INTENDED TO QUALIFY 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 BUCK
C. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL FAT BY WOOD BUCK.
3. ALL ANCHORING SCREWS TO BE #10 WITH MINIMUM 1 1/2" EMBEDMENT INTO WOOD SUBSTRATE OR 3/16" PFH TAPCONS WITH 1 1/2" MINIMUM EMBEDMENT INTO MASONRY
4. GLAZED UNIT MUST BE INSTALLED WITH MIAMI-DADE COUNTY APPROVED SHUTTERS
5. THREE STAPLES PER SIDE JAMB INTO HEADER ON SIDELITES AND DOOR, 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 HEADER, DOOR/SIDELITE JAMBS, AND SIDELITE BASE CORNERS ARE COPED AND BUTTED
8. DOORS SHALL BE PRE-PAINTED WITH AN ACRYLIC LATEX WATER-BASED/ WATER-REDUCIBLE WHITE PRIMER WITH A DRY FILM THICKNESS OF 08 TO 12 MIL.
9. FRAMES SHALL BE PRE-PAINTED WITH A WATER-BASED EPOXY PRIMER WITH A DRY FILM THICKNESS OF 08 TO 12 MIL.

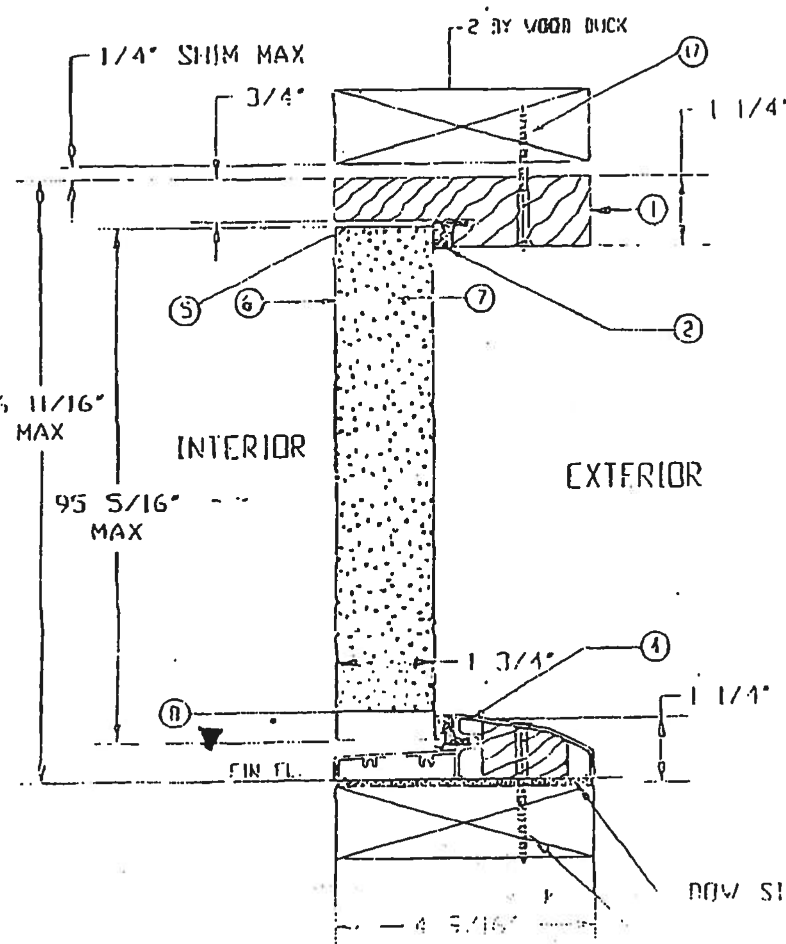
DESIGN PRESSURE RATINGS		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
Positive	NOT APPROVED *	+403 psf
Negative	NOT APPROVED *	-483 psf

* 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 UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

PRODUCT RENEWED
ACCEPTANCE No. 01-1031.06
EXPIRATION DATE November 5, 2006
BY [signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

ENGINEER		
DRAWN	DATE 5-15-98	SCALE: N.T.S.
PREMDOR ENTRY SYSTEMS		31-1034-EM-1 SHEET 1 OF 6
		REVISION C

SECTION A-A
INSWING
EXTERIOR
OTHER CONFIGURATIONS
GLAZING DETAIL
PRODUCT RENEWED
PREMDOR ENTRY SYSTEMS



SECTION B-B

MATERIALS LIST

ITEM NO	DESCRIPTION	PART NUMBER	COMMENTS
1	WOOD HEAD JAMB	CX-14	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
2	COMPRESSION WEATHERSTRIP	CX-25	LOCKSCREEN BRAND LOXSEAL 9550 (ORIGINAL)
3	ALUMINUM ASTRAGAL	CX-12	PREMDOR BRAND OR EQUIVALENT - 5/8" ALUMINUM ASTRAGAL
4	ALUMINUM-BUMPER THRESHOLD	CX-35	PREMDOR BRAND OR EQUIVALENT - 1 1/4" x 4 9/16"
5	TOP CHANNEL	CX-08	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
6	STEEL SKIN	[illegible]	[illegible]
7	POLYURETHANE FOAM CORE	BASF FOAM - DENSITY 2.0 TO 2.5 lbs/ft³	
8	BOTTOM CHANNEL	CX-07	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
9	WOOD LOCK BLOCK	CX-55	[illegible] X 9 1/2" MTL. TO BE PINE OR EQUIVALENT
10	STRIKE STILE	CX-65	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
11	HINGE STILE	CX-65	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
12	LOCK PREP FILLER PLATE	CX-13	PREMDOR BRAND - .050" THICK [illegible]
13	4"x4" HINGE	CX-15	HAGER BRAND HINGE OR EQUIVALENT .097 THICK (STEEL)
14	WOOD HINGE JAMB	CX-13	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
15	#10-24 x 1/2" F.H.M.S.		(4) SCREWS PER HINGE INTO DOOR
16	#10 X 2" F.H.W.S.		[illegible] SCREWS THROUGH FRAME JAMB INTO [illegible], 6" FROM THE [illegible] 12" OC. [illegible] SCREWS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" FROM THE TOP, MAX 12" OC. THEREAFTER
17	[illegible]		REFER TO ELEVATION VIEW, FOR # OF SCREWS EACH AND LOCATION
18	#10 X 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
19	#8 x 2" F.H.W.S.		(2) SCREWS AT EACH STRIKE PLATE
20	LOCKSET		TITAN LOCK 720 SERIES, TITAN DEADBOLT 700 SERIES
21	#10 X 1 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
22	WOOD SIDELITE JAMB	CX-10	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
23	22" X 80" SINGLE PANEL GLASS	CX-19	TEMPERED GLASS IN POLYPROPYLENE FRAME - OC-1643 - 1/8" CLEAR TEMPERED GLASS
24	SIDELITE TRIM (WOOD)	CX-20	5/16 x 1/2" MTL. TO BE PINE OR EQUIVALENT
25	WOOD CASING	CX-21	[illegible] TO BE PINE OR EQUIVALENT - [illegible] "SIDE BY SIDE JAMBS" AS [illegible]
26	WOOD SIDELITE HEAD JAMB	CX-22	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
27	WOOD SIDELITE BASE	CX-23	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
28	POLYPROPYLENE LITE FRAME	OC-1643, UL-2	HP Polypropylene by ODL
29	#6 X 1 1/2" PAN HEAD SCREWS		18 PER FRAME [illegible]
30	SIDELITE STILES	CX-26	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
31	PIN NAIL		[illegible]

D	DADE COUNTY MODIFICATIONS	JN
C	ADDED TEST RESULTS	SS
B	[illegible]	SS
A	REDRAWN	SS

PRODUCT RENEWED

APPROVAL NO. 06 [illegible]

EXPIRATION DATE October 5, 2006

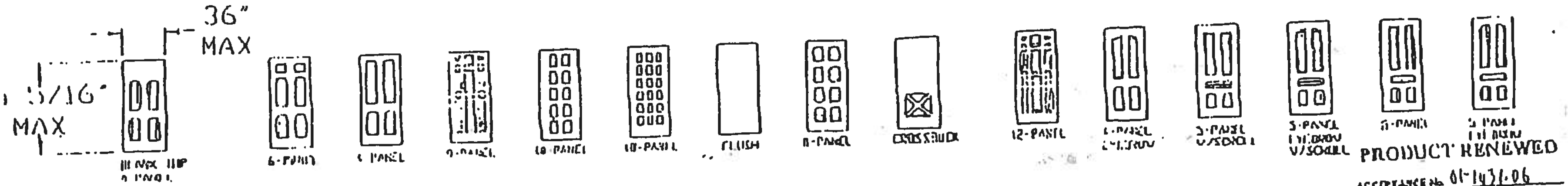
By [signature]

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PREMDOR ENTRY SYSTEMS
911 E. JEFFERSON
PITTSBURG, KS 66762

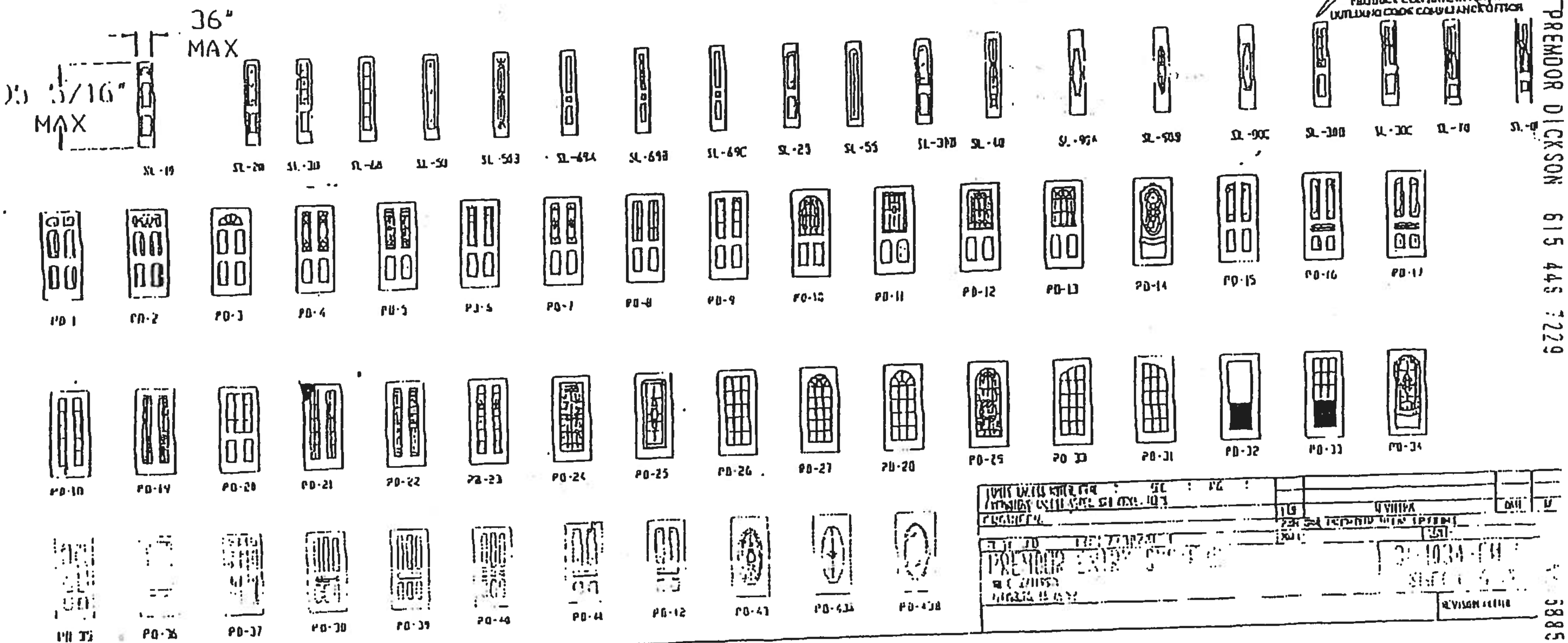
01-1034-EM 1
SHEET 3 OF 6

OTHER DOOR PANEL STYLES



PRODUCT RENEWED
ACCEPTANCE No. 01-1431.06
EXPIRATION DATE Nov. 5, 2006
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

OTHER SIDELITE STYLES



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.

24128

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

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. JB108476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Benny Robinson Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 164 Taro Dr. Ft. White, FL

Type of Construction (More than one box may be checked) ☑ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 24 Type of Fill Mixed

Section 4: Treatment Information

Date(s) of Treatment(s) 5-2-06
Brand Name of Product(s) Used Dursban TC
EPA Registration No. 5481-92
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 2400 Linear ft. 204 Linear ft. of Masonry Voids 204
Approximate Total Gallons of Solution Applied 531
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☑ Yes ☐ No

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 Brannon 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 5-2-06

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)

DUCT SYSTEM SUMMARY
Entire House
LARRY RESMONDO A/C

Job: ROBINSON RESIDENCE
12/6/2005

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	***0.10*** in H2O
Pressure Losses:	0.50 in H2O	0.50 in H2O
Available Static Pressure:	-0.4 in H2O	-0.4 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	4834	3730	164	164	0.100	615	7	0x 0	ShMt	st1
WHOLE HOUSE-A	4834	3728	164	164	0.100	615	7	0x 0	ShMt	st1A
WHOLE HOUSE-B	4834	3728	164	164	0.100	615	7	0x 0	ShMt	st1A
WHOLE HOUSE-C	4834	3728	164	164	0.100	615	7	0x 0	ShMt	st1B
WHOLE HOUSE-D	4834	3728	164	164	0.100	615	7	0x 0	ShMt	st1
WHOLE HOUSE-E	4834	3728	164	164	0.100	615	7	0x 0	ShMt	st1
WHOLE HOUSE-F	4834	3728	164	164	0.100	615	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	493	493	747	11	0 x 0	ShtMetl	st1
st1B	Peak AVF	164	164	615	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	33838	26100	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: ROBINSON RESIDENCE
12/6/2005

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

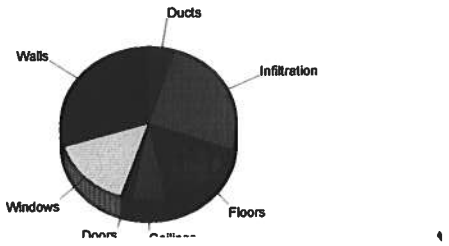
	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

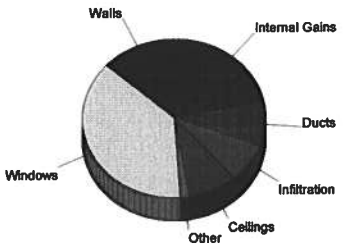
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	5.9	10049	29.7
Windows	25.5	5121	15.1
Doors	17.0	715	2.1
Ceilings	1.2	2082	6.2
Floors	30.0	5455	16.1
Infiltration	36.2	8806	26.0
Ducts		1611	4.8
Total		**33839**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	2.0	3442	13.2
Windows	49.0	9856	37.8
Doors	9.5	398	1.5
Ceilings	1.4	2307	8.8
Floors	0.0	0	0.0
Infiltration	8.3	2023	7.8
Ducts		2373	9.1
Internal gains		5700	21.8
Total		**26098**	**100.0**



Cooling at 85 % SHR = 2.5 ton
Cooling at 70 % SHR = 3.0 ton

Cooling air flow = 463 cfm/ton
Cooling at 400 cfm/ton = 2.9 ton

Overall U-Value = 0.177 Btuh/ft²-°F

Data entries checked.

RIGHT-J LOAD AND EQUIPMENT SUMMARY
Entire House
LARRY RESMONDO A/C

Job: ROBINSON RESIDENCE
12/6/2005

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	33839	Btuh
Ventilation air	0	cfm
Ventilation air loss	0	Btuh
Design heat load	33839	Btuh

Sensible Cooling Equipment Load Sizing

Structure	26098	Btuh
Ventilation	0	Btuh
Design temperature swing	3.0	°F
Use mfg. data	n	
Rate/swing multiplier	0.97	
Total sens. equip. load	25315	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1705	1705
Volume (ft³)	16195	16195
Air changes/hour	0.8	0.4
Equiv. AVF (cfm)	216	108

Latent Cooling Equipment Load Sizing

Internal gains	690	Btuh
Ventilation	0	Btuh
Infiltration	3793	Btuh
Total latent equip. load	4483	Btuh
Total equipment load	29798	Btuh

Heating Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-036JA

Efficiency	3.4 HSPF	
Heating input	0	Btuh
Heating output	0	Btuh
Heating temp rise	0	°F
Actual heating fan	1150	cfm
Heating air flow factor	0.034	cfm/Btuh

Space thermostat

Cooling Equipment Summary

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-036JA
RCHJ-36A2

Efficiency	12.0 SEER	
Sensible cooling	23660	Btuh
Latent cooling	10140	Btuh
Total cooling	33800	Btuh
Actual cooling fan	1150	cfm
Cooling air flow factor	0.044	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: ROBINSON RESIDENCE
12/6/2005

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

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-036JA

Efficiency	3.4 HSPF	
Heating input	0	Btuh
Heating output	0	Btuh
Heating temperature rise	0	°F
Actual heating fan	1150	cfm
Heating air flow factor	0.034	cfm/Btuh

Space thermostat

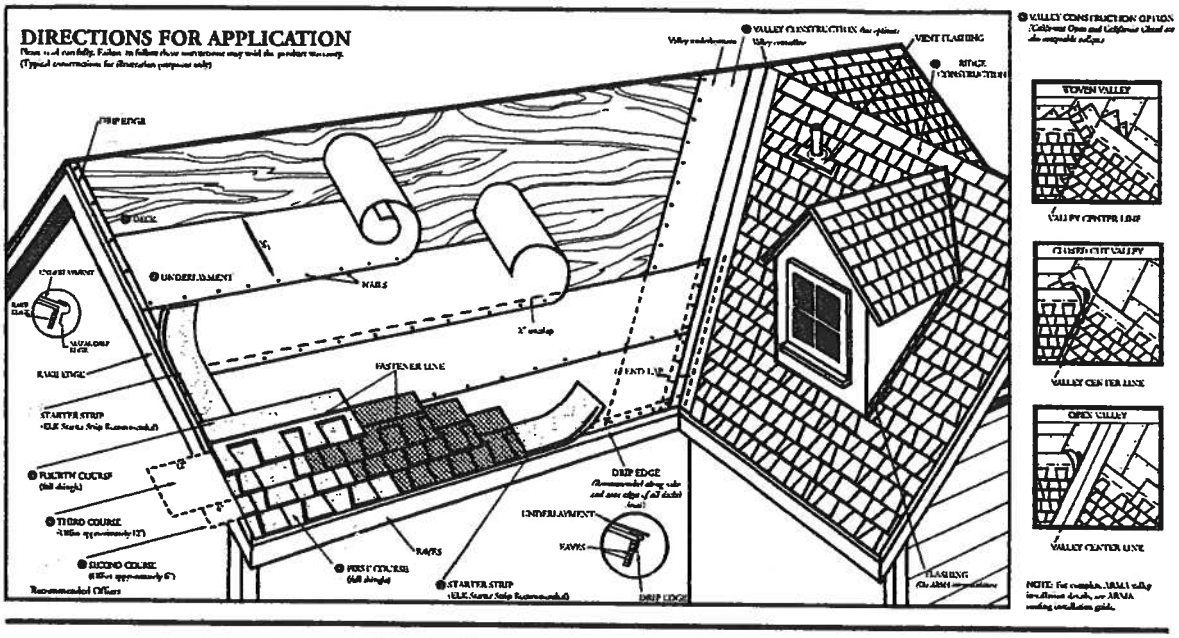
COOLING EQUIPMENT

Make RUUD AIR COND
Trade Ruud UPMB Series
UPMB-036JA
RCHJ-36A2

Efficiency	12.0 SEER	
Sensible cooling	23660	Btuh
Latent cooling	10140	Btuh
Total cooling	33800	Btuh
Actual cooling fan	1150	cfm
Cooling air flow factor	0.044	cfm/Btuh
Load sensible heat ratio	85	%

ROOM NAME	Area (ft^2)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
WHOLE HOUSE	1705	33839	26098	1150	1150
Entire House d	1705	33839	26098	1150	1150
Ventilation air		0	0		
Equip. @ 0.97 RSM			25315		
Latent cooling			4483		
TOTALS	1705	33839	29798	1150	1150

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



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the 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.

❶ DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" 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.

❷ 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 plies of underlayment overlapping a minimum of 19". Begin by fastening a 19" 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 plies 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.

❸ 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.

❹ 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

❺ SECOND COURSE

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

❻ THIRD COURSE

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

❼ 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.

❽ 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 6" of valley center.

❾ RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z®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 roof-overs. 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, 18-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

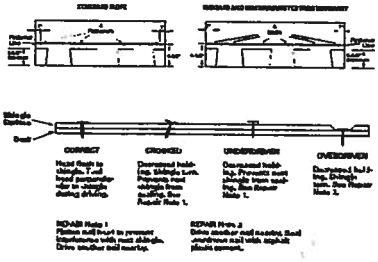
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only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

ELK
The Premium Choice
www.elkcorp.com

From:	The Columbia County Building Department Plans Review 135 NE Hernando Av. P. O Box 1529 Lake City Florida, 32056-1529

Reference to: Build permit application Number: 0601-71

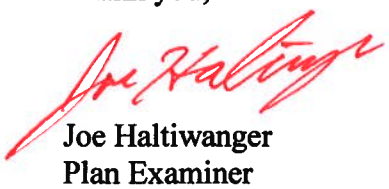
Benny Robinson Owner/Builder Lot 13 of Sunview Estates Charles Bradley Lot 6 of

On the date of January 31, 2006 application 0601-71 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0601-71 when making reference to this application.

1. On the elevation plans show the total height of the structure from the established grade to the roof ridge.
2. Please verify that the 4'0" x 4'0"window in the bathroom will comply with the FRC-2004 Section R308.4 Hazardous locations: Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

AMTROL INC.

WEL-FLO®

Pre-pressurized Water System Tanks

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

NEW HOME CONST ONLY

Pump and Tank Code
Section 613
Well Pumps and Tanks used for private potable water systems
~~July 1, 2001~~ March 1, 2002

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

	Bathrooms in Home				
	1	1 ½	2-2 ½	3-4	5-6
Minimum Pump Size	7gpm	10gpm	14gpm	17gpm	21gpm

Notes:
1. Values given are average and do not include high and low extremes
2. 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:

1. 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.
2. Pressure tanks must be constructed of steel, fiberglass, or comparable materials. Tanks to be buried shall have a minimum wall thickness of ¼ 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 Valve's ARE CONSTANT PRESS DEVICE

* Counties MAY ADD Higher Demands

'ROL INC. **WELL-X-TROL** 5

essurized Diaphragm Well Tanks

CHAMPION, WEL-FLO, PRO-LINE *See Hot Sheet* ④

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	15⅜	31⅛	20.0	0.57	8.0	6.8	5.9	33 (4.9)
CH 6000/WF80/CA6000	225.00	15⅜	38½	26.0	0.44	10.5	8.8	7.6	36.0
CH 8003/WF100/CA8003	364.00	15¾	46½	32.0	0.35	–	10.9	9.4	43 (7.0)
CH 8205/WF110/CA8205	399.00	22	29⅛	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	46¼	62.0	0.55	24.9	21.1	18.3	92 (13.9)
CH 17255/WF255/CA17255	585.00	22	56⅛	81.0	0.41	32.6	27.5	23.9	103
CH 17252/WF252/CA17252	663.00	22	62¼	86.0	0.39	34.6	29.2	25.4	114 (18.1)
CH 17002/WF260/CA17002	647.00	26	47¼	86.0	0.54	34.6	29.2	25.4	123 (18.9)
CH 22050/WF360/CA22050	922.00	26	51⅞	119.0	0.39	47.8	40.5	35.1	166 (24.5)

CH4202, CH6000, CH8003, WF60, WF80, WF100, CA 4202, CA6000, & CA8003 have a 1" NPTF system connection and a 28 psig pre-charge.

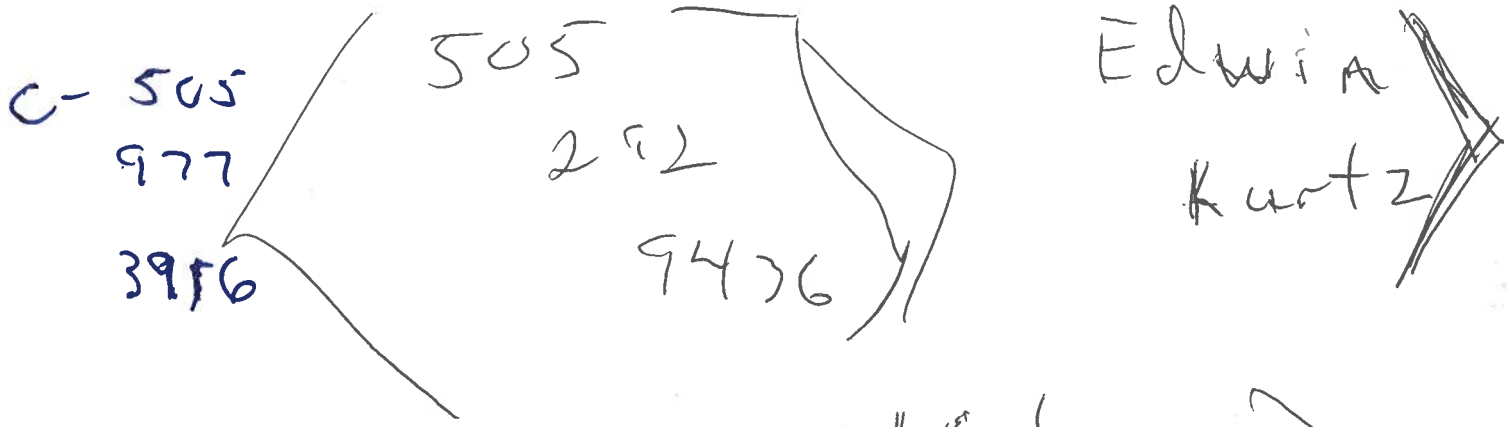
CH8205, CH22050, WF110, WF360, CA8205, CA22050 have a 1¼" NPTF system connection and a 39

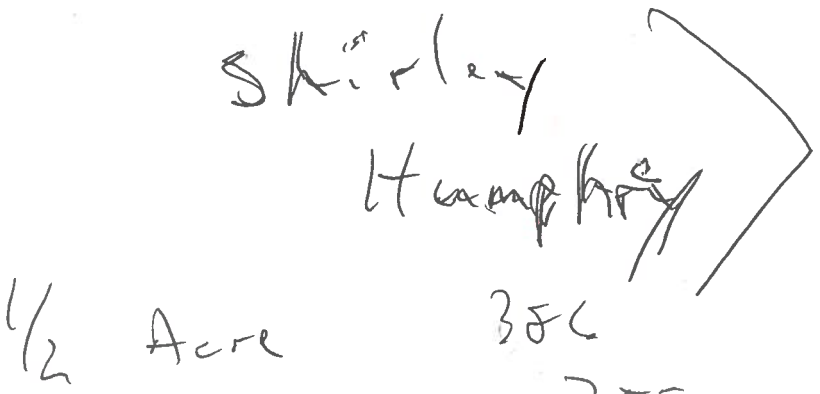
Lot 13 Sunview Estates Addition
A subdivision recorded in Plat Book 7
Page 107, Columbia County, Florida
And subject to Restrictions recorded
in O. R. Box 959 Pages 1866 - 1867
Columbia County, Florida
And subject to Powerline Easement

Corner

Pine Creek Rd. on corner

$20,000 =





14-45-12 - 08354 - 128

Project Information for:	L144253		
Builder:	WOODMAN PARK BLDRS	Date:	1/5/2006
Lot:	N/A	Start Number:	**1532**
Subdivision:	168 SW TARA CT		
County or City:	COLUMBIA COUNTY		
Truss Page Count:	34		

Truss Design Load Information (UNO) Design Program: MiTek 5.2 / 6.2

Gravity		**Wind**		**Building Code:**	**FBC2004**
Roof (psf):	**42**	Wind Standard:	**ASCE 7-02**		
Floor (psf):	55	Wind Speed (mph):	**110**		

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

WOOD, WILLIAM G. CBC058182
Address: PO BOX 3535
DAYTONA BCH FL. 32118 Designer: **138**

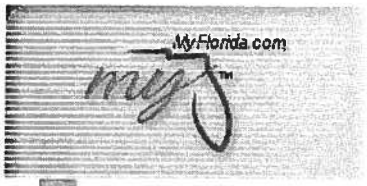
Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
Company: Structural Engineering and Inspections, Inc. EB 9196
Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for veritcal loads only, unless noted otherwise.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	105061532	1/5/2006				
2	CJ1A	105061533	1/5/2006				
3	CJ3	105061534	1/5/2006				
4	CJ5	105061535	1/5/2006				
5	EJ5	105061536	1/5/2006				
6	EJ7	105061537	1/5/2006				
7	HJ2	105061538	1/5/2006				
8	HJ7	105061539	1/5/2006				
9	HJ9	105061540	1/5/2006				
10	T01	105061541	1/5/2006				
11	T02	105061542	1/5/2006				
12	T03	105061543	1/5/2006				
13	T04	105061544	1/5/2006				
14	T05	105061545	1/5/2006				
15	T06	105061546	1/5/2006				
16	T07	105061547	1/5/2006				
17	T08	105061548	1/5/2006				
18	T09	105061549	1/5/2006				
19	T10	105061550	1/5/2006				
20	T11	105061551	1/5/2006				
21	T12	105061552	1/5/2006				
22	T13	105061553	1/5/2006				
23	T14	105061554	1/5/2006				
24	T15	105061555	1/5/2006				
25	T16	105061556	1/5/2006				
26	T17	105061557	1/5/2006				
27	T18	105061558	1/5/2006				
28	T19	105061559	1/5/2006				
29	T20	105061560	1/5/2006				
30	T21	105061561	1/5/2006				
31	T22	105061562	1/5/2006				
32	T23	105061563	1/5/2006				
33	T24	105061564	1/5/2006				
34	T25	105061565	1/5/2006				

JAN 05 2006



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Licensee Details

Licensee Information

Name:	**WOOD, WILLIAM G (Primary Name)**
	WOODMAN PARK BUILDERS INC (DBA Nam
Main Address:	**P.O.BOX 3535**
	LAKE CITY Florida 32026
License Mailing:	
LicenseLocation:	**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**
Expires:	**08/31/2006**

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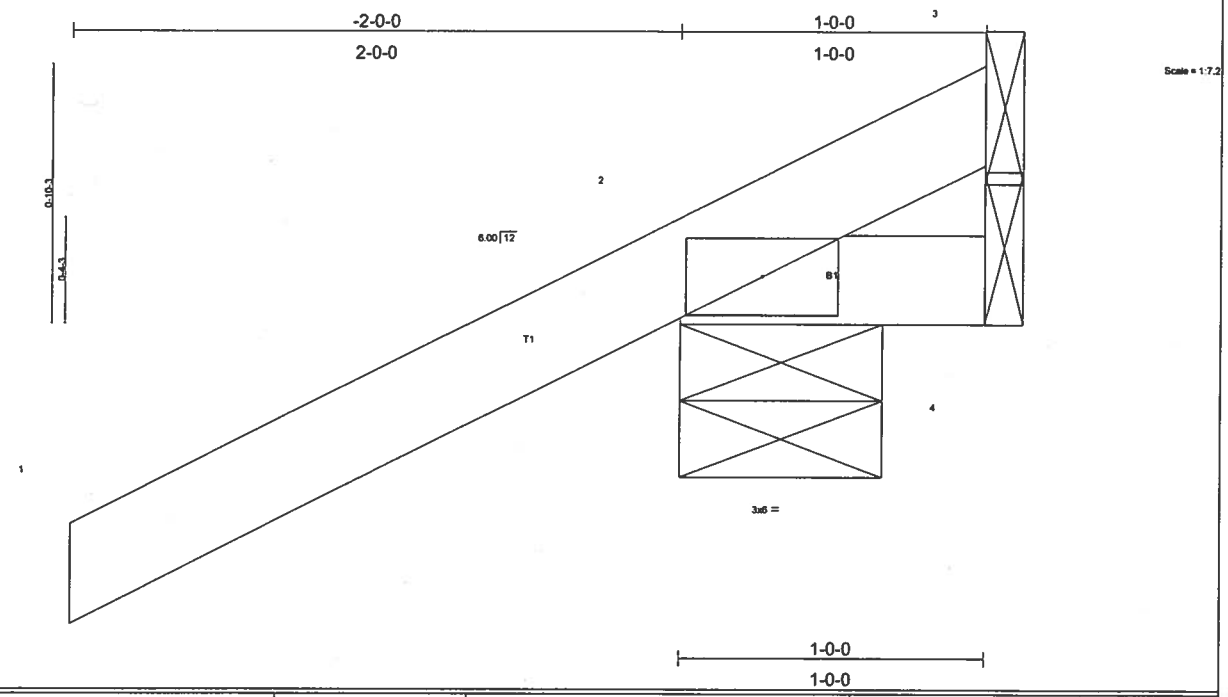
JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061532

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	CJ1	MONO TRUSS	18	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 15:55:59 2006 Page 1



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TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>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: 7 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 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=275/0-8-0, 4=14/Mechanical, 3=-100/Mechanical
Max Horz 2=87(load case 5)
Max Uplift2=-286(load case 5), 3=-100(load case 1)
Max Grav 2=275(load case 1), 4=14(load case 1), 3=138(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-75/85
BOT CHORD 2-4=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2 and 100 lb uplift at joint 3.

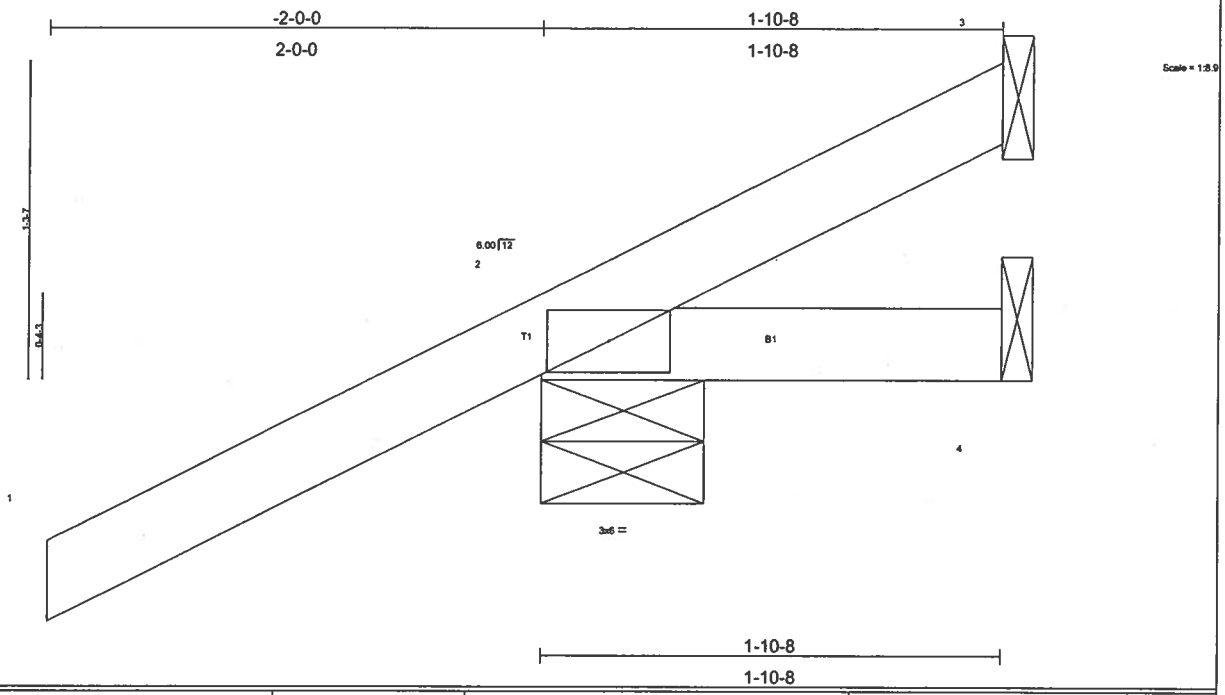
LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061533

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	CJ1A	MONO TRUSS	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 15:56:14 2006 Page 1



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TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.02	Vert(TL)	-0.00	2	>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: 9 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 1-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=251/0-8-0, 4=27/Mechanical, 3=-16/Mechanical
Max Horz 2=107(load case 5)
Max Uplift2=-216(load case 5), 3=-16(load case 1)
Max Grav 2=251(load case 1), 4=27(load case 1), 3=37(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-54/17
BOT CHORD 2-4=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 2 and 16 lb uplift at joint 3.

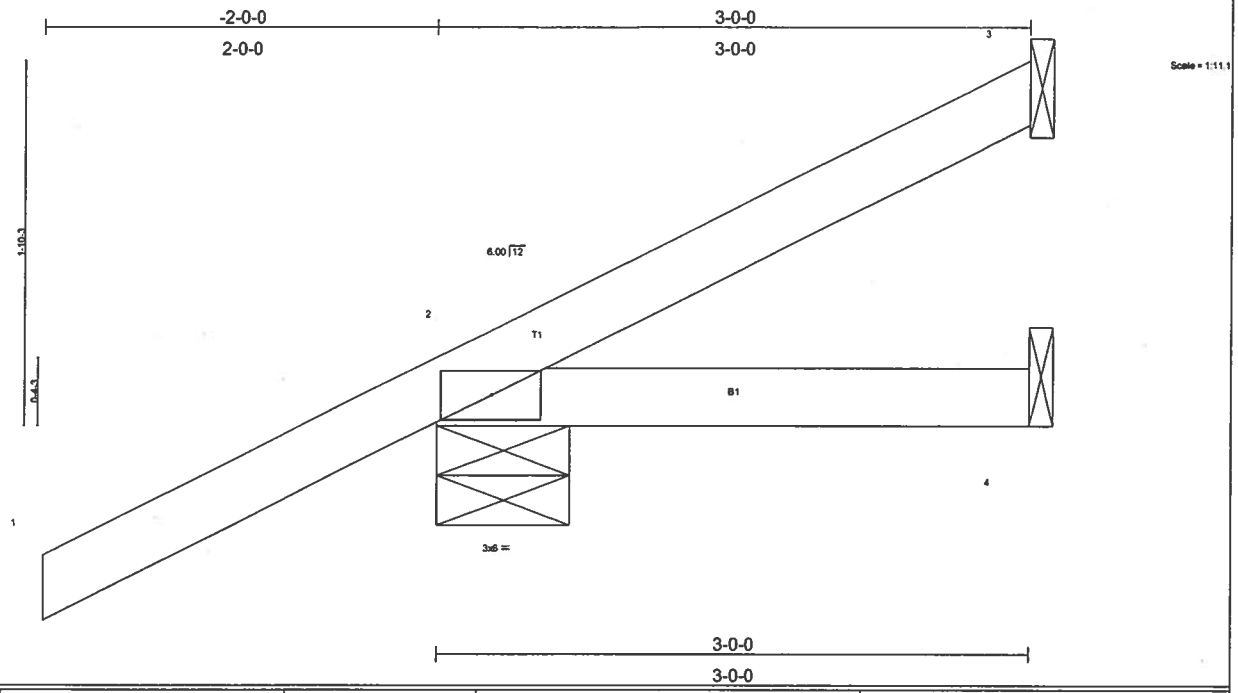
LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061534

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	CJ3	MONO TRUSS	14	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 15:56:36 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	0.34	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	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=14/Mechanical, 2=292/0-8-0, 4=39/Mechanical
Max Horz 2=132(load case 5)
Max Uplift3=-22(load case 6), 2=-222(load case 5)
Max Grav 3=18(load case 3), 2=292(load case 1), 4=39(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-63/8
BOT CHORD 2-4=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 3 and 222 lb uplift at joint 2.

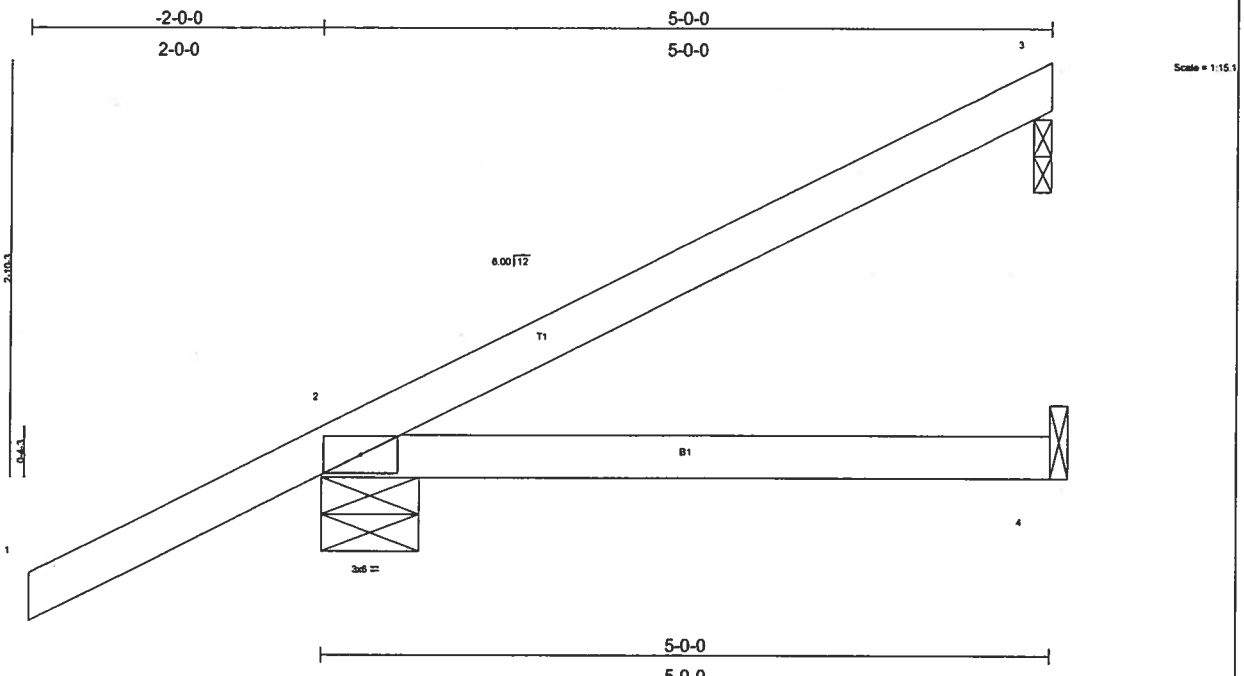
LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061535

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	CJ5	MONO TRUSS	10	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 15:56:58 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	0.34	Vert(LL)	-0.02	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.04	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=92/0-1-8, 2=351/0-8-0, 4=69/Mechanical
Max Horz 2=178(load case 5)
Max Uplift3=-79(load case 5), 2=-212(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-84/32
BOT CHORD 2-4=0/0

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) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 3.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 3 and 212 lb uplift at joint 2.
5) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 3.

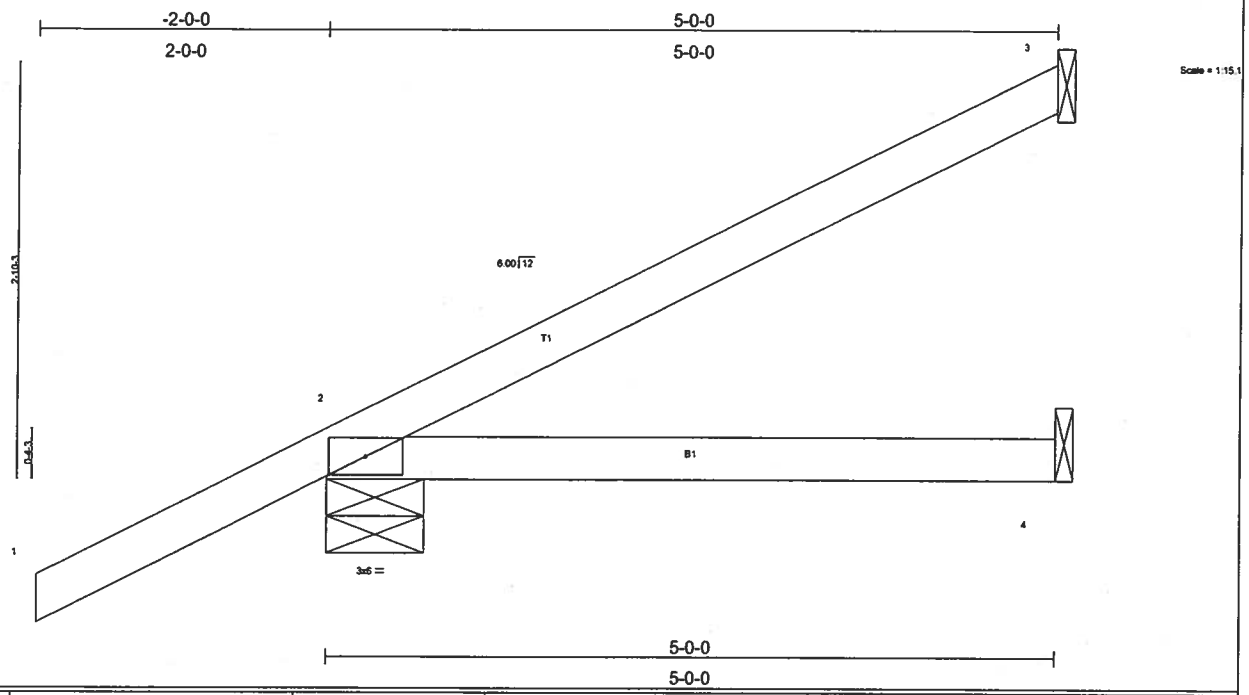
LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061536

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	EJ5	MONO TRUSS	17	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 15:57:13 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	0.34	Vert(LL)	-0.02	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.04	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=92/Mechanical, 2=351/0-8-0, 4=69/Mechanical
Max Horz 2=178(load case 5)
Max Uplift3=-79(load case 5), 2=-212(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-84/32
BOT CHORD 2-4=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 3 and 212 lb uplift at joint 2.

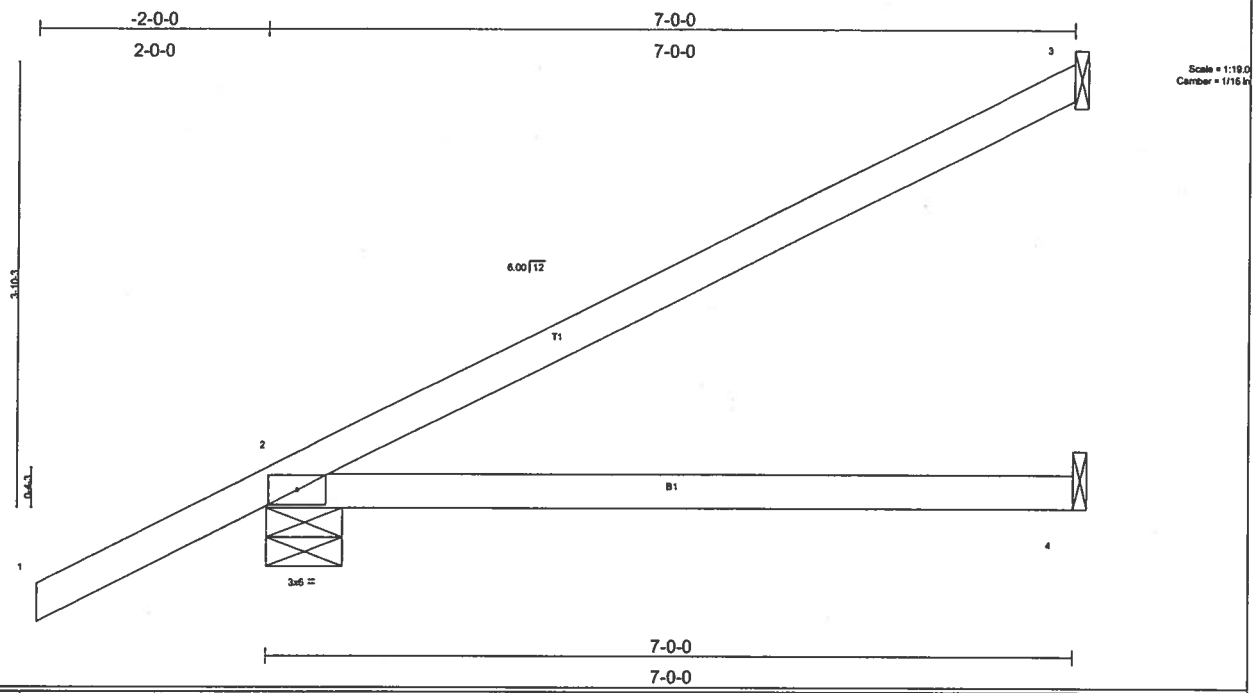
LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061537

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	EJ7	MONO TRUSS	23	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 15:57:40 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	0.49	Vert(LL)	-0.10	2-4	>765	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.17	2-4	>455	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: 26 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 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=156/Mechanical, 2=426/0-8-0, 4=99/Mechanical
Max Horz 2=224(load case 5)
Max Uplift3=-130(load case 5), 2=-221(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-118/56
BOT CHORD 2-4=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 3 and 221 lb uplift at joint 2.

LOAD CASE(S) Standard

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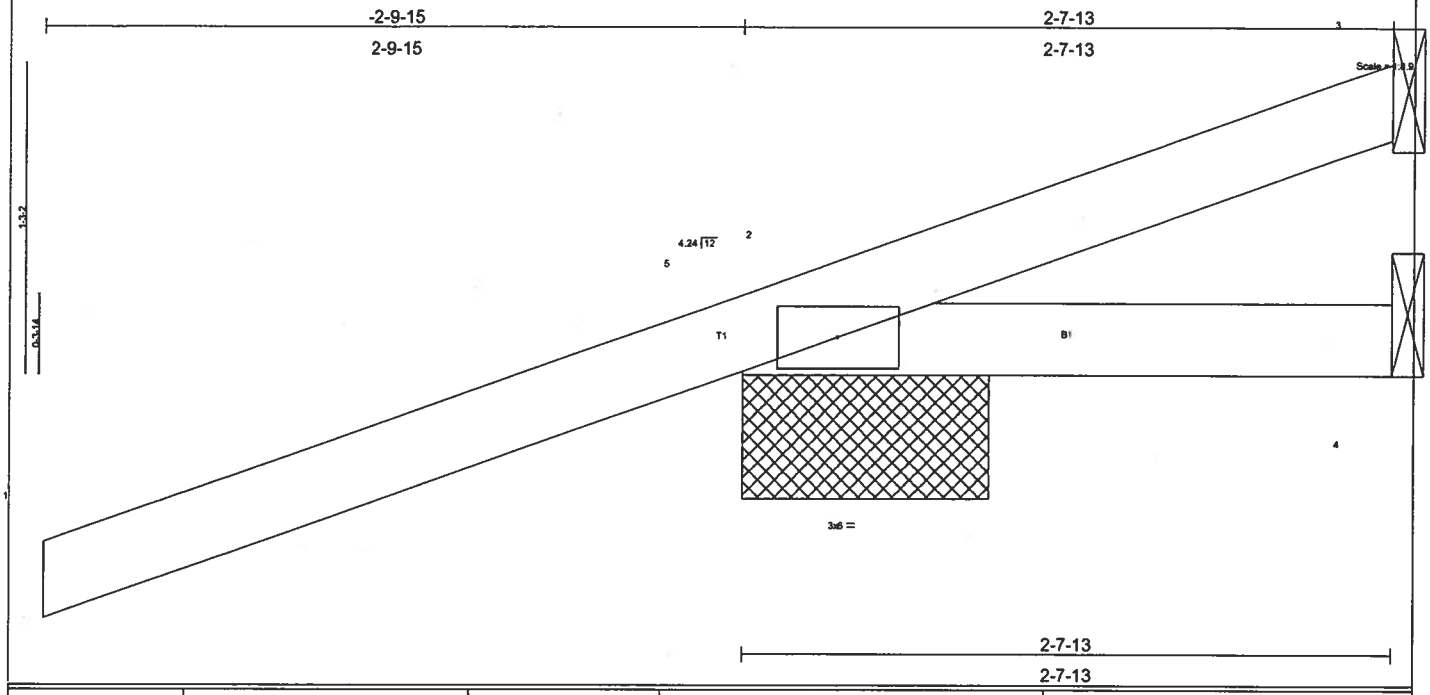
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061538

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L144253	HJ2	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 09:09:00 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	0.57	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.02	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0	Rep Stress Incr	NO	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 2-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-88/Mechanical, 2=300/1-0-1, 4=17/Mechanical
Max Horz 2=72(load case 2)
Max Uplift3=-88(load case 1), 2=-303(load case 2)
Max Grav 3=115(load case 2), 2=300(load case 1), 4=17(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-5=0/45, 2-5=0/45, 2-3=-52/44
BOT CHORD 2-4=0/0

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; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 88 lb uplift at joint 3 and 303 lb uplift at joint 2.
4) 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: 1-5=-54
Trapezoidal Loads (plf)
Vert: 5=-0(F=27, B=27)-to-3=-38(F=8, B=8), 2=-3(F=14, B=14)-to-4=-21(F=4, B=4)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
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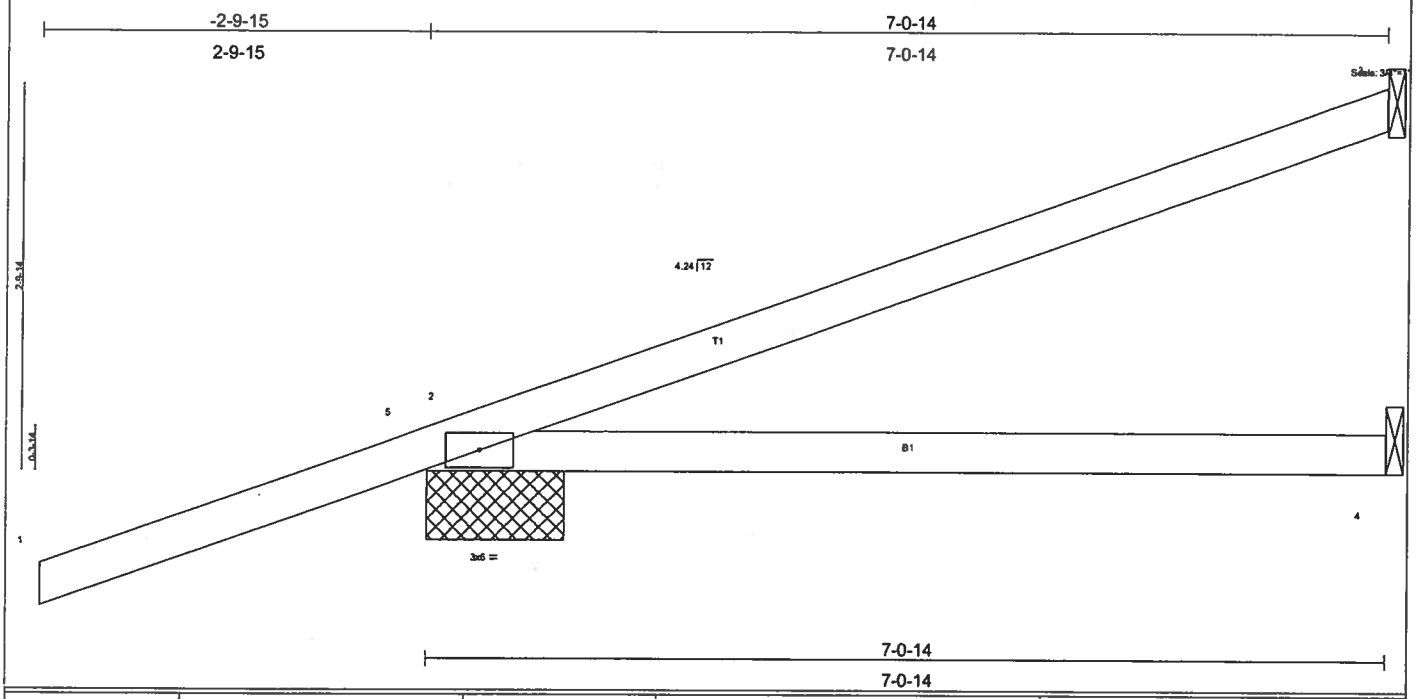
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061539

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	HJ7	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 15:59:12 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	0.57	Vert(LL)	-0.07	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.27	Vert(TL)	-0.12	2-4	>654	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 26 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 7-0-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=188/Mechanical, 2=374/1-0-1, 4=110/Mechanical
Max Horz 2=164(load case 2)
Max Uplift3=-142(load case 2), 2=-245(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-5=0/45, 2-5=0/45, 2-3=-68/45
BOT CHORD 2-4=0/0

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; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 3 and 245 lb uplift at joint 2.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

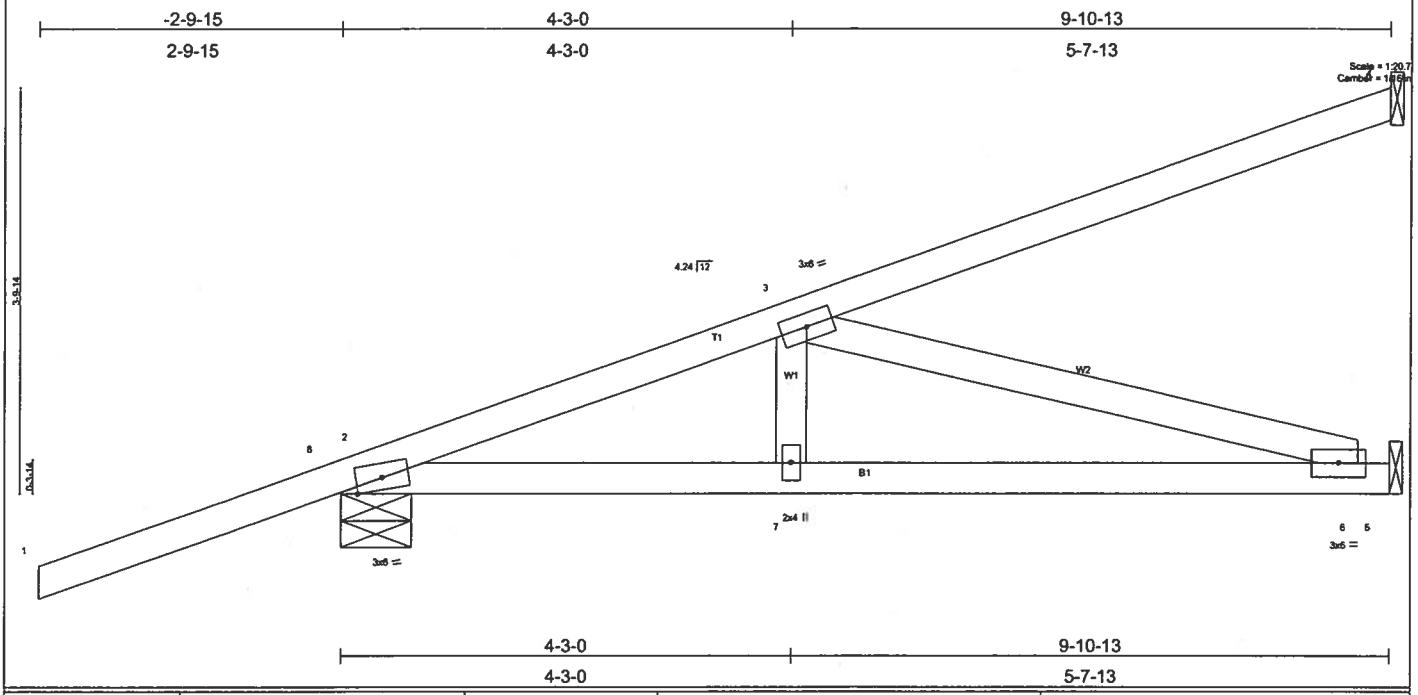
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-54
Trapezoidal Loads (plf)
Vert: 5=0(F=27, B=27)-to-3=-95(F=-21, B=-21), 2=-3(F=14, B=14)-to-4=-53(F=-12, B=-12)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061540

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	HJ9	MONO TRUSS	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 16:00:32 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	0.61	Vert(LL)	-0.10	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.17	6-7	>681	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.45	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 45 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) 4=269/Mechanical, 2=533/0-8-0, 5=373/Mechanical
Max Horz 2=265(load case 2)
Max Uplift4=-231(load case 2), 2=-274(load case 2), 5=-59(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=0/45, 2-8=0/45, 2-3=-873/105, 3-4=-105/66
BOT CHORD 2-7=-294/805, 6-7=-294/805, 5-6=0/0
WEBS 3-7=0/180, 3-6=-837/306

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; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 231 lb uplift at joint 4, 274 lb uplift at joint 2 and 59 lb uplift at joint 5.
4) 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: 1-8=-54
Trapezoidal Loads (plf)
Vert: 8=0(F=27, B=27)-to-4=-134(F=-40, B=-40), 2=-3(F=14, B=14)-to-5=-74(F=-22, B=-22)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061541

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T01	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 16:01:22 2006 Page 1

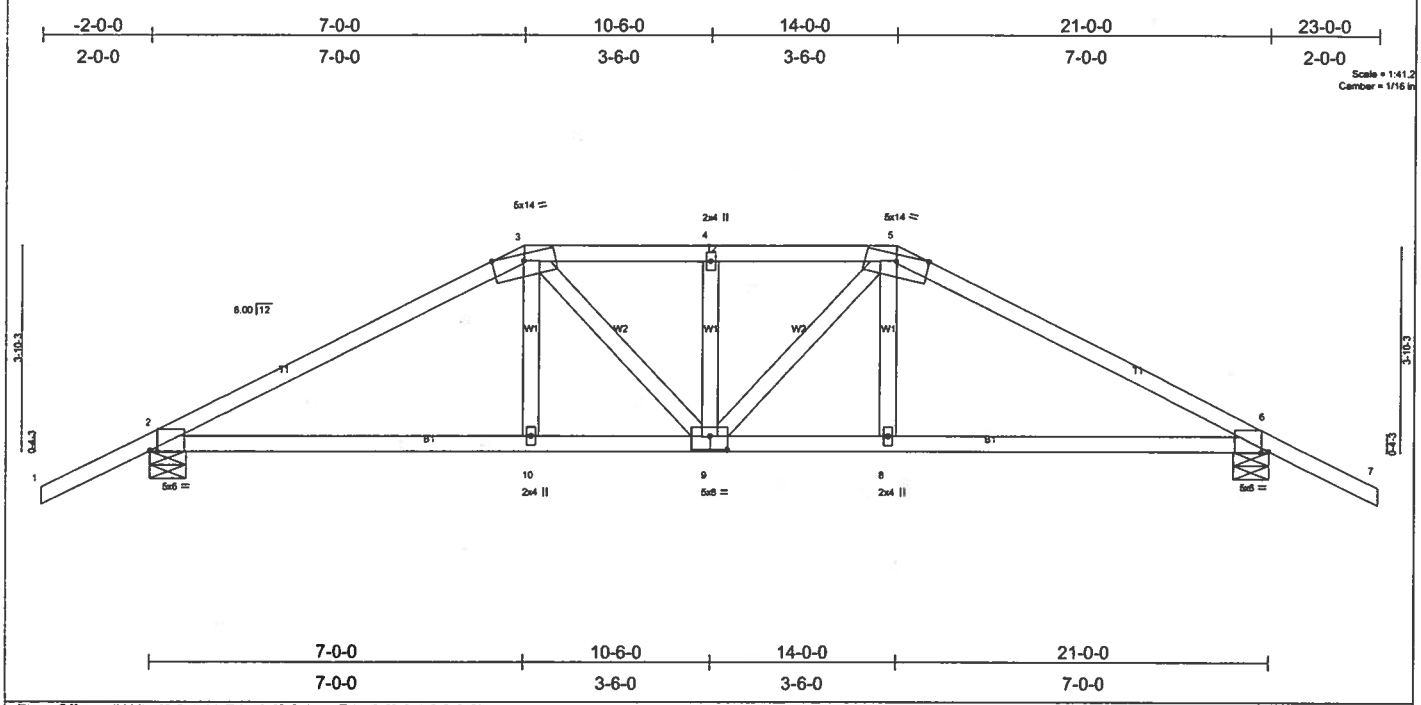


Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-1-11,Edge], [9:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.14	2-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.22	2-10	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.25	Horz(TL)	0.09	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 100 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 3-2-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-1-7 oc bracing.

REACTIONS (lb/size) 2=1833/0-8-0, 6=1833/0-8-0
Max Horz 2=87(load case 4)
Max Uplift2=-833(load case 4), 6=-833(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-3157/1266, 3-4=-2979/1269, 4-5=-2979/1269, 5-6=-3157/1266, 6-7=0/48
BOT CHORD 2-10=-1064/2717, 9-10=-1073/2749, 8-9=-1032/2749, 6-8=-1022/2717
WEBS 3-10=-236/780, 3-9=-259/440, 4-9=-350/328, 5-9=-260/440, 5-8=-236/780

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; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 833 lb uplift at joint 2 and 833 lb uplift at joint 6.
5) Girder carries hip end with 7-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 14-0-0, 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.
7) 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=-113(F=-59), 5-7=-54, 2-10=-30, 8-10=-62(F=-33), 6-8=-30
Concentrated Loads (lb)
Vert: 10=-539(F) 8=-539(F)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061542

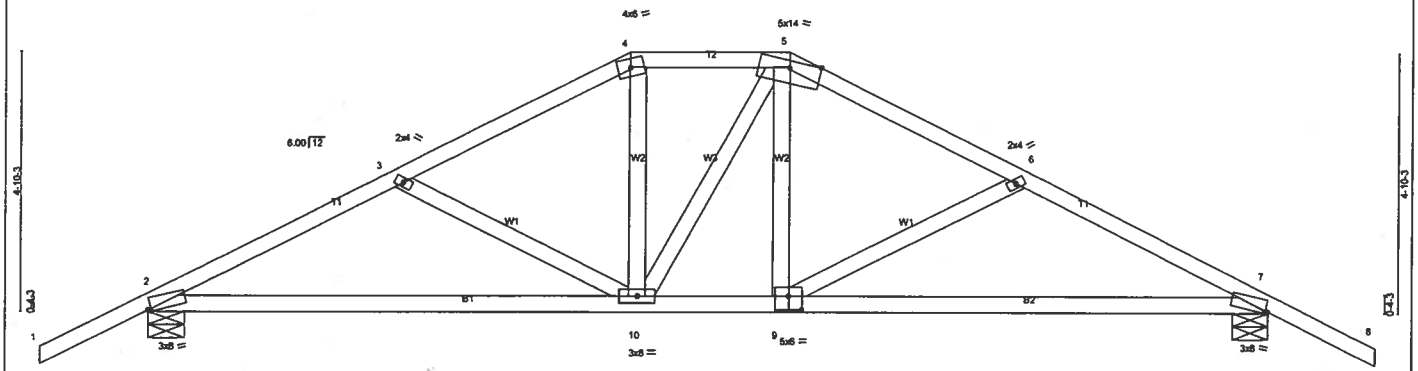
Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T02	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 16:01:38 2006 Page 1

-2-0-0 | 4-9-4 | 9-0-0 | 12-0-0 | 16-2-12 | 21-0-0 | 23-0-0

2-0-0 | 4-9-4 | 4-2-12 | 3-0-0 | 4-2-12 | 4-9-4 | 2-0-0

Scale = 1:41.2
Camber = 1/8 in



9-0-0 | 12-0-0 | 21-0-0

9-0-0 | 3-0-0 | 9-0-0

Plate Offsets (X,Y): [2:0-0-10,Edge], [7:0-0-10,Edge], [9:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	-0.15	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.25	7-9	>969	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 107 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 5-2-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=980/0-8-0, 7=980/0-8-0
Max Horz 2=101(load case 5)
Max Uplift2=-406(load case 5), 7=-406(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-1344/559, 3-4=-1107/460, 4-5=-948/463, 5-6=-1106/460, 6-7=-1344/559, 7-8=0/48
BOT CHORD 2-10=-330/1151, 9-10=-153/946, 7-9=-330/1151
WEBS 3-10=-243/201, 4-10=-60/291, 5-10=-94/99, 5-9=-49/279, 6-9=-245/201

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 406 lb uplift at joint 2 and 406 lb uplift at joint 7.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061543

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T03	COMMON	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 16:02:09 2006 Page 1

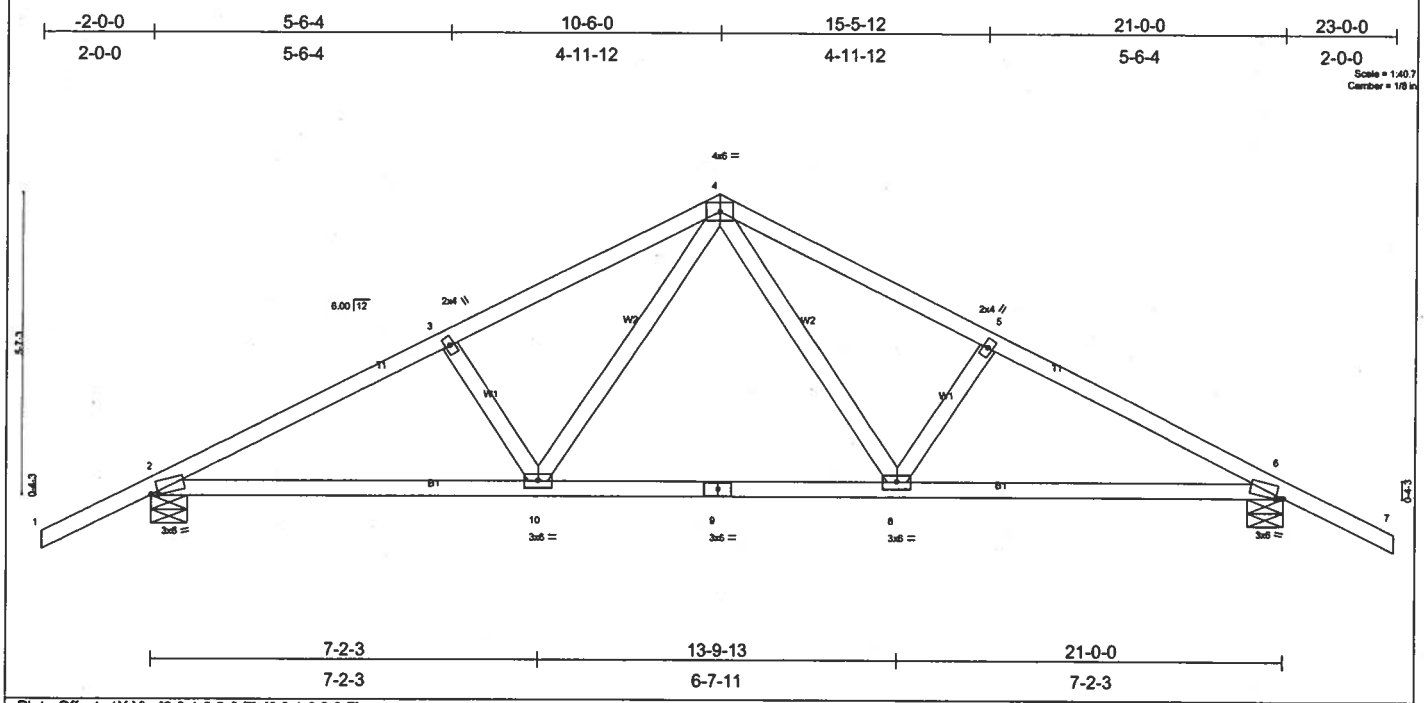


Plate Offsets (X,Y): [2:0-1-9,0-0-7], [6:0-1-9,0-0-7]

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)	-0.18	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.74	Vert(TL)	-0.29	8-10	>837	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.21	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 100 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 4-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-10 oc bracing.

REACTIONS (lb/size) 2=1146/0-8-0, 6=1146/0-8-0
Max Horz 2=-112(load case 6)
Max Uplift2=-477(load case 5), 6=-477(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-1759/714, 3-4=-1612/716, 4-5=-1612/716, 5-6=-1759/714, 6-7=0/48
BOT CHORD 2-10=-460/1489, 9-10=-236/1043, 8-9=-236/1043, 6-8=-460/1489
WEBS 3-10=-206/201, 4-10=-237/670, 4-8=-237/670, 5-8=-206/201

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 mechanical connection (by others) of truss to bearing plate capable of withstanding 477 lb uplift at joint 2 and 477 lb uplift at joint 6.
4) 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: 1-4=-54, 4-7=-54, 2-10=-30, 8-10=-80(F=-50), 6-8=-30

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061544

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L144253	T04	COMMON	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 09:07:40 2006 Page 1

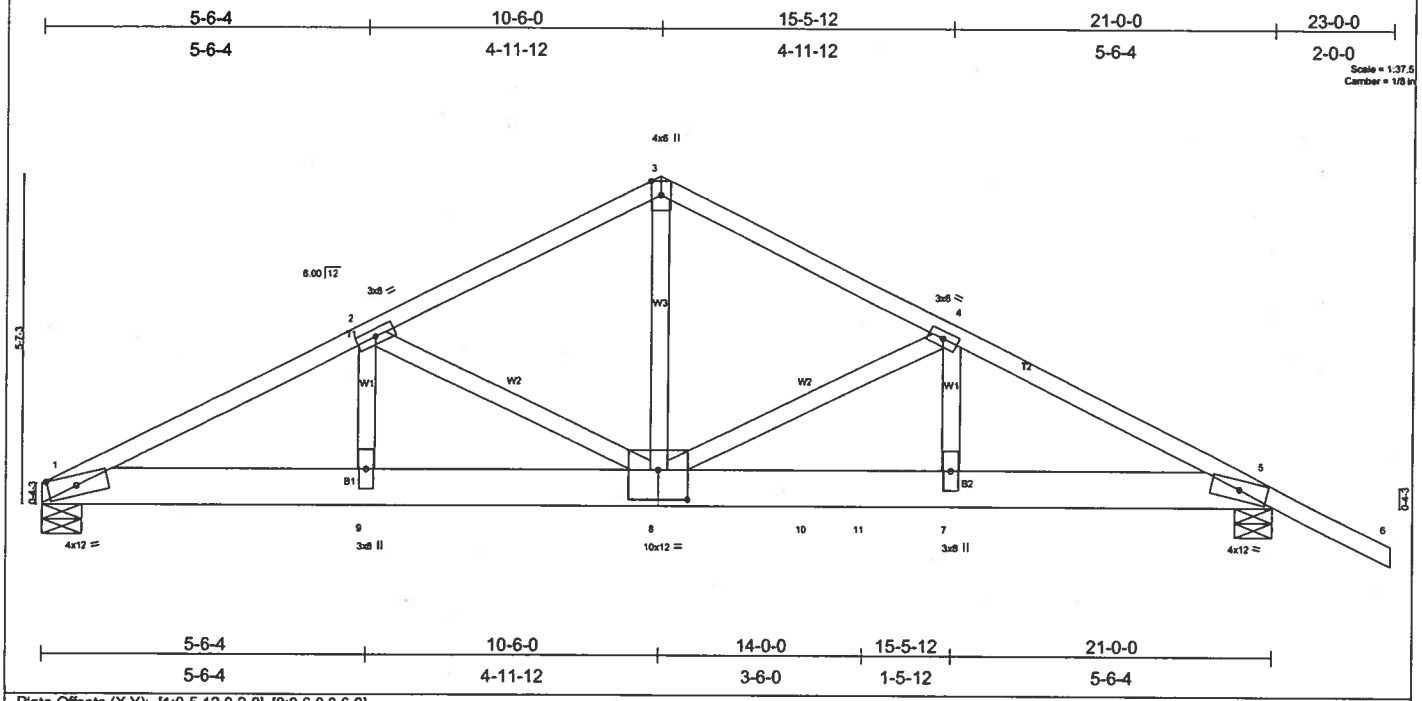


Plate Offsets (X,Y): [1:0-5-12,0-2-0], [8:0-6-0,0-6-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.61	Vert(LL)	-0.20	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.32	7-8	>758	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.65	Horz(TL)	0.06	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 265 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
W3 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=6958/0-8-0, 5=5182/0-8-0
Max Horz 1=-144(load case 5)
Max Uplift1=-2582(load case 4), 5=-2002(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-11584/4283, 2-3=-8266/3080, 3-4=-8235/3087, 4-5=-10693/3890, 5-6=0/54
BOT CHORD 1-9=-3792/10281, 8-9=-3792/10281, 8-10=-3378/9459, 10-11=-3378/9459, 7-11=-3378/9459, 5-7=-3378/9459
WEBS 2-9=-1072/2870, 2-8=-3344/1337, 3-8=-2579/7012, 4-8=-2427/951, 4-7=-695/2093

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) 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; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2582 lb uplift at joint 1 and 2002 lb uplift at joint 5.
6) Girder carries tie-in span(s): 31-1-12 from 8-0-0 to 21-0-0
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2731 lb down and 1031 lb up at 14-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-6=-54, 1-10=-628(B=-598), 5-10=-30
Concentrated Loads (lb)
Vert: 11=-2731(B)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
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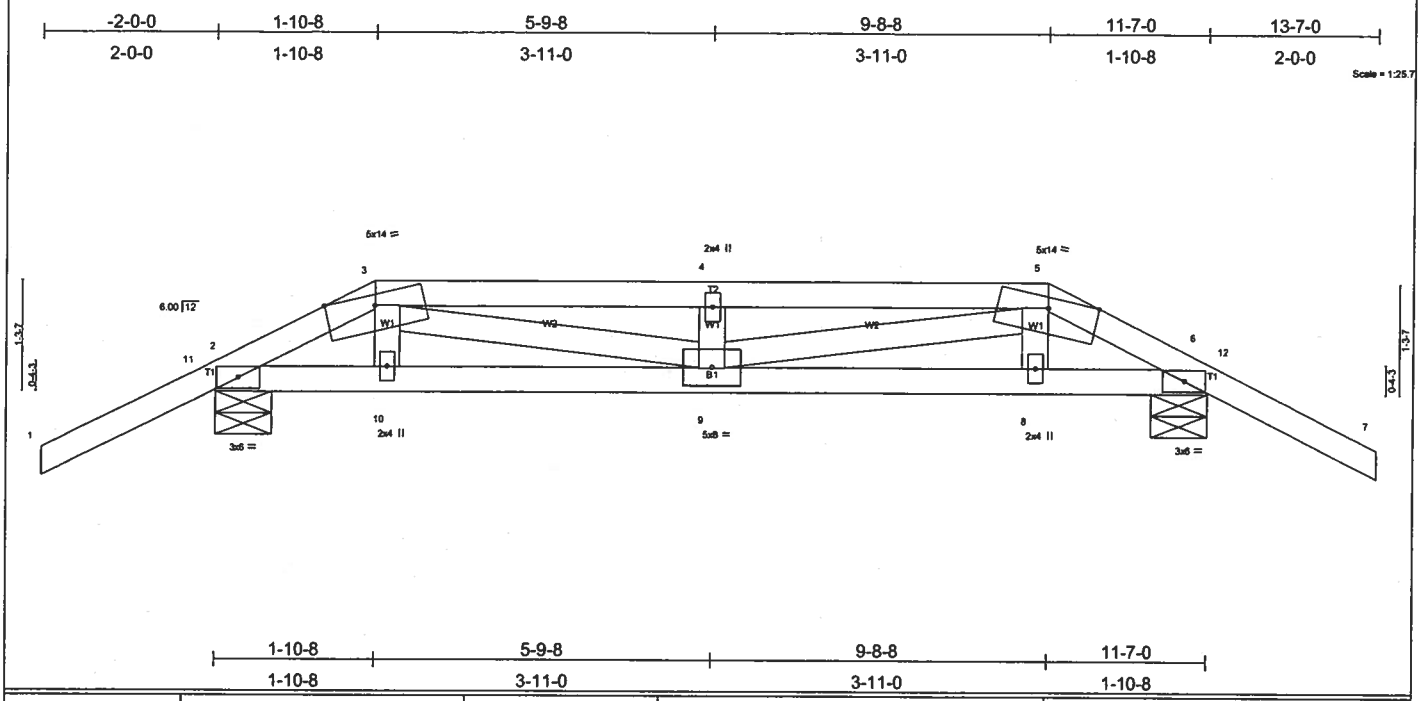
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061545

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L144253	T05	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 09:09:29 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	0.31	Vert(LL)	-0.02	9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.17	Vert(TL)	-0.02	9	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.10	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 56 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=219/0-8-0, 6=334/0-8-0
Max Horz 2=-86(load case 5)
Max Uplift2=-90(load case 4), 6=-144(load case 5)
Max Grav 2=225(load case 8), 6=339(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-11=0/41, 2-11=0/41, 2-3=-304/0, 3-4=-348/24, 4-5=-348/24, 5-6=-251/16, 6-12=0/46, 7-12=0/41
BOT CHORD 2-10=0/305, 9-10=0/312, 8-9=0/284, 6-8=0/276
WEBS 3-10=-32/65, 3-9=-123/320, 4-9=-78/42, 5-9=-61/197, 5-8=0/75

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; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 90 lb uplift at joint 2 and 144 lb uplift at joint 6.
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: 1-11=-54, 7-12=-54
Trapezoidal Loads (plf)
Vert: 11=-0(F=27, B=27)-to-3=-6(F=24, B=24), 3=-6(F=24, B=24)-to-5=-32(F=11, B=11), 5=-32(F=11, B=11)-to-12=-38(F=8, B=8), 2=-1(F=15, B=15)-to-6=-21(F=5, B=5)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061546

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T06	HIP	1	2	Job Reference (optional)

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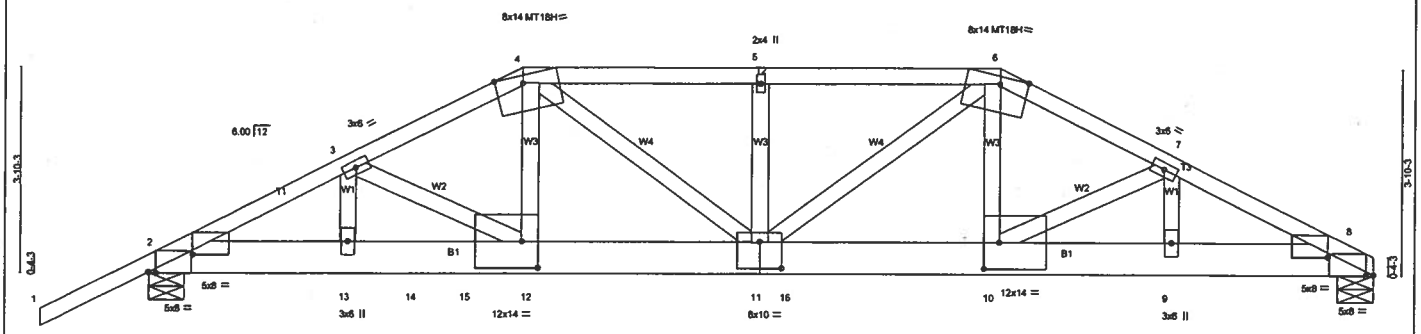
-2-0-0 | 3-9-4 | 7-0-0 | 11-5-8 | 15-11-0 | 19-1-12 | 22-11-0
2-0-0 | 3-9-4 | 3-2-12 | 4-5-8 | 4-5-8 | 3-2-12 | 3-9-4

Scale = 1:41.2
Camber = 3/16 in



3-9-4 | 5-0-0 | 7-0-0 | 11-5-8 | 15-11-0 | 19-1-12 | 22-11-0
3-9-4 | 1-2-12 | 2-0-0 | 4-5-8 | 4-5-8 | 3-2-12 | 3-9-4

Plate Offsets (X,Y): [2:0-10-0,0-3-15], [2:0-1-11,Edge], [4:0-6-3,Edge], [6:0-6-3,Edge], [8:0-1-11,Edge], [8:0-10-0,0-3-15], [10:0-3-8,0-6-0], [11:0-5-0,0-6-0], [12:0-3-8,0-6-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.27	11	>992	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.95	Vert(TL)	-0.43	11	>620	180	MT18H	244/190
BCLL	10.0	Rep Stress Incr	NO	WB	0.68	Horz(TL)	0.09	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 306 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-7-6 oc bracing.

REACTIONS (lb/size) 8=7164/0-8-0, 2=6735/0-8-0
Max Horz 2=120(load case 4)
Max Uplift8=-2757(load case 5), 2=-2685(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-13262/5047, 3-4=-12795/4970, 4-5=-12946/5063, 5-6=-12946/5063, 6-7=-12125/4728, 7-8=-12923/4987
BOT CHORD 2-13=-4497/11732, 13-14=-4497/11732, 14-15=-4497/11732, 12-15=-4497/11732, 11-12=-4500/11619, 11-16=-4210/10985, 10-16=-4210/10985, 9-10=-4384/11450, 8-9=-4384/11450
WEBS 3-13=-108/469, 3-12=-344/109, 4-12=-1578/4263, 4-11=-807/1735, 5-11=-419/397, 6-11=-1012/2539, 6-10=-1304/3483, 7-10=-703/302, 7-9=-251/722

NOTES
1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) 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; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2757 lb uplift at joint 8 and 2685 lb uplift at joint 2.
8) Girder carries tie-in span(s): 29-7-8 from 6-0-0 to 12-0-0; 23-8-8 from 12-0-0 to 22-11-0
9) Girder carries hip end with 7-0-0 end setback.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 15-11-0, and 539 lb down and 277 lb up at 7-0-0, and 1951 lb down and 737 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-112(F=-59), 6-8=-54, 2-15=-30, 12-15=-596(B=-566), 12-16=-629(F=-33, B=-566), 10-16=-504(F=-33, B=-442), 8-10=-472(B=-442)
Concentrated Loads (lb)
Vert: 12=-539(F) 10=-539(F) 14=-1951(B)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061547

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T07	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 16:37:30 2006 Page 1

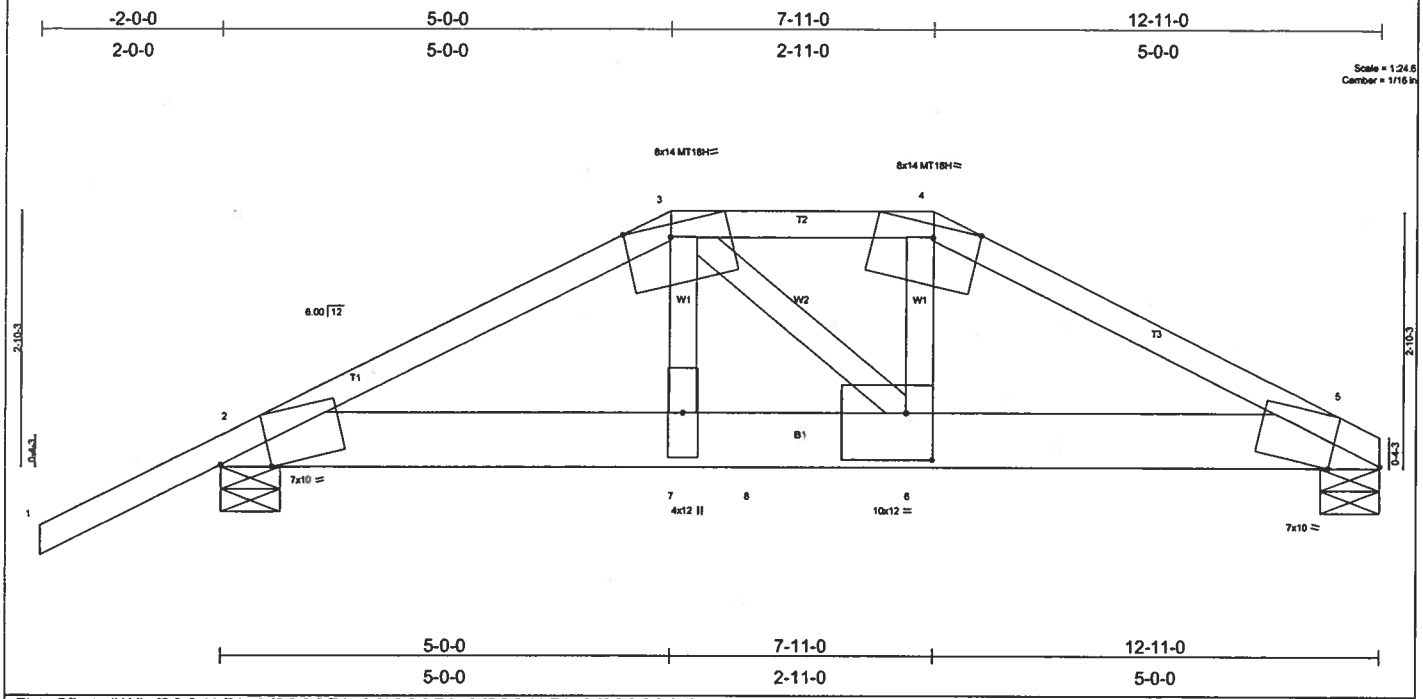

Plate Offsets (X,Y): [2:0-6-11,Edge], [3:0-6-3,Edge], [4:0-6-3,Edge], [5:0-6-11,Edge], [6:0-3-8,0-6-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	-0.13	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.21	6-7	>715	180	MT18H	244/190
BCLL	10.0	Rep Stress Incr	NO	WB	0.85	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 75 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-11-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-2-1 oc bracing.

REACTIONS (lb/size) 5=4308/0-8-0, 2=3152/0-8-0
Max Horz 2=106(load case 4)
Max Uplift5=-1635(load case 5), 2=-1294(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-5944/2245, 3-4=-5789/2260, 4-5=-6361/2422
BOT CHORD 2-7=-1954/5235, 7-8=-1999/5362, 6-8=-1999/5362, 5-6=-2094/5630
WEBS 3-7=-746/2108, 3-6=-443/618, 4-6=-951/2639

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; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1635 lb uplift at joint 5 and 1294 lb uplift at joint 2.
6) Girder carries tie-in span(s): 29-7-8 from 6-0-0 to 12-11-0
7) Girder carries hip end with 5-0-0 end setback.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 126 lb up at 7-11-0, and 245 lb down and 126 lb up at 5-0-0, and 1951 lb down and 737 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) 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, 3-4=-86(F=-31), 4-5=-54, 2-7=-30, 7-8=-48(F=-17), 6-8=-614(F=-17, B=-566), 5-6=-596(B=-566)
Concentrated Loads (lb)
Vert: 7=-2196(F=-245, B=-1951) 6=-245(F)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061548

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T08	SPECIAL	1	1	Job Reference (optional)

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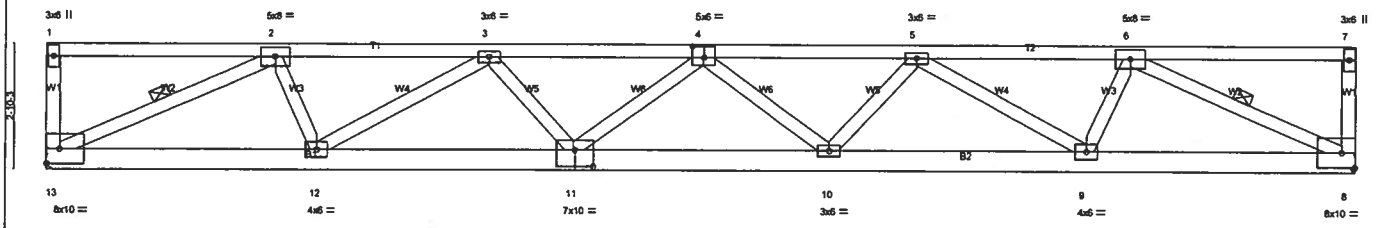
5-1-9	9-11-11	14-9-12	19-7-13	24-5-15	29-7-8
5-1-9	4-10-1	4-10-1	4-10-1	4-10-1	5-1-9

Scale = 1:49.9
Camber = 1/4 in



6-1-3	11-10-14	17-8-10	23-6-5	29-7-8
6-1-3	5-9-11	5-9-11	5-9-11	6-1-3

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [11:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	-0.41	10-11	>864	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.65	10-11	>539	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.73	Horz(TL)	0.12	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 174 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 2-4-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-13 oc bracing.
WEBS 1 Row at midpt 2-13, 6-8

REACTIONS (lb/size) 13=1951/Mechanical, 8=1951/Mechanical
Max Uplift13=-835(load case 2), 8=-835(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-13=-221/162, 1-2=-142/69, 2-3=-3741/1563, 3-4=-5526/2323, 4-5=-5526/2323, 5-6=-3741/1563, 6-7=-142/69, 7-8=-221/162
BOT CHORD 12-13=-1429/3291, 11-12=-2235/5146, 10-11=-2512/5769, 9-10=-2235/5146, 8-9=-1429/3291
WEBS 2-13=-3515/1518, 2-12=-367/1233, 3-12=-1668/798, 3-11=-141/615, 4-11=-319/249, 4-10=-319/249, 5-10=-141/615, 5-9=-1668/798, 6-9=-367/1233, 6-8=-3515/1518

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; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 835 lb uplift at joint 13 and 835 lb uplift at joint 8.
5) Girder carries hip end with 0-0-0 right side setback, 0-0-0 left side setback, and 5-0-0 end setback.
6) 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=-86(F=-31), 8-13=-48(F=-17)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061549

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T09	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Jan 03 16:08:38 2006 Page 1

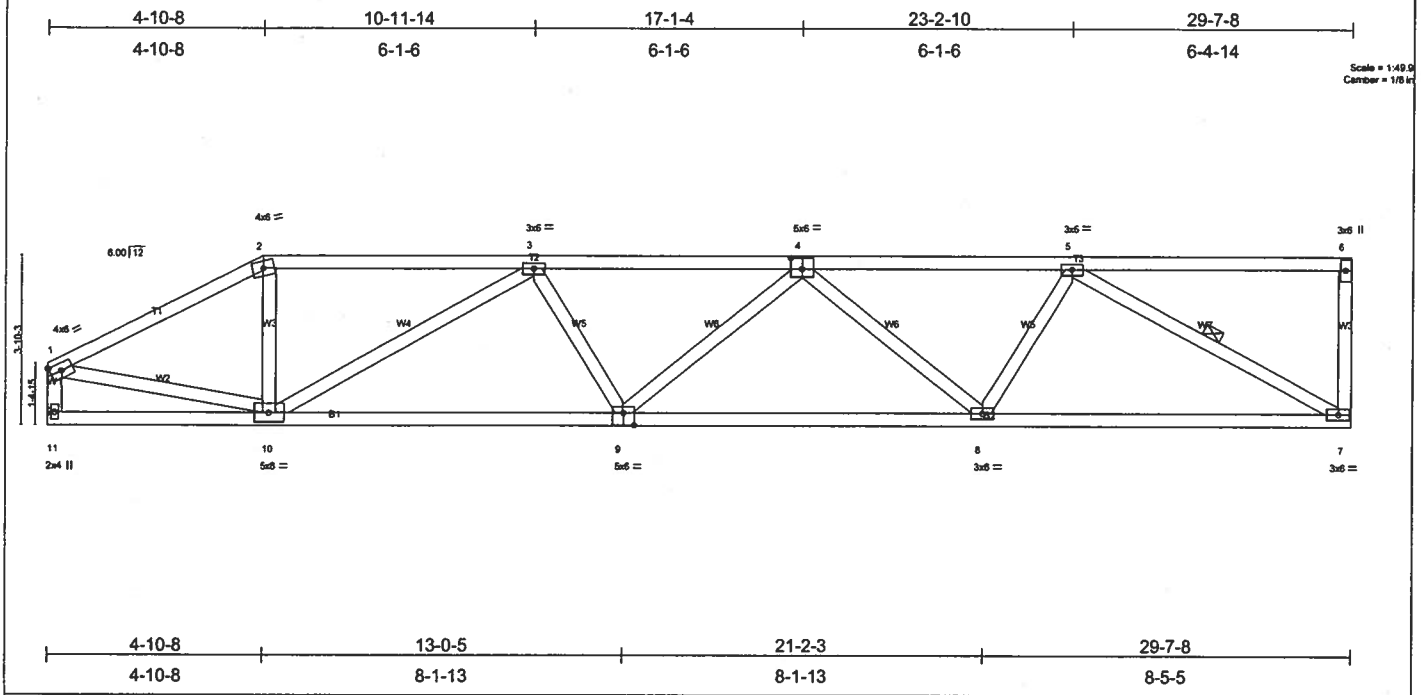


Plate Offsets (X,Y): [4:0-3-0,0-3-0], [9:0-3-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.21	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.35	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.09	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 154 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 3-9-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-2-2 oc bracing.
WEBS 1 Row at midpt 5-7

REACTIONS (lb/size) 7=1232/Mechanical, 11=1232/Mechanical
Max Horz 11=110(load case 5)
Max Uplift7=-464(load case 4), 11=-382(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1683/659, 2-3=-1475/647, 3-4=-2530/1007, 4-5=-2089/808, 5-6=-84/21, 6-7=-166/113, 1-11=-1170/493
BOT CHORD 10-11=-202/127, 9-10=-1017/2404, 8-9=-1041/2497, 7-8=-724/1743
WEBS 2-10=-92/431, 3-10=-1081/472, 3-9=-0/253, 4-9=0/73, 4-8=-541/309, 5-8=-170/696, 5-7=-1908/808, 1-10=-455/1369

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) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 464 lb uplift at joint 7 and 382 lb uplift at joint 11.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061550

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T10	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:05:30 2006 Page 1

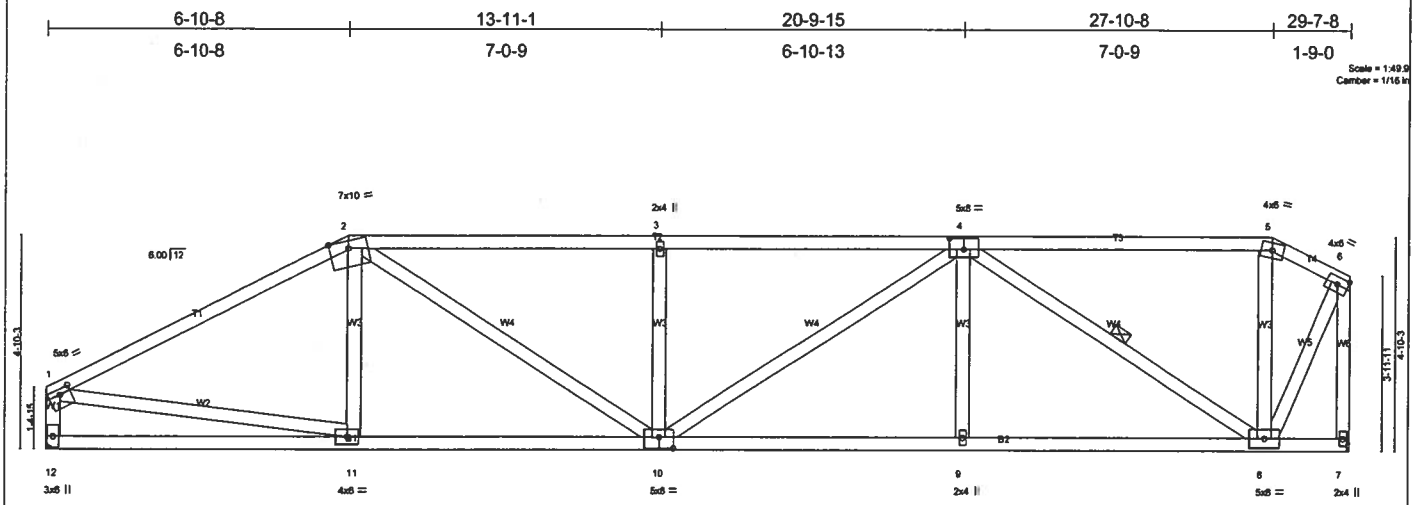


Plate Offsets (X,Y): [1:0-3-0,0-1-8], [4:0-4-0,0-3-0], [10:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	-0.14	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.23	9-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.50	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 173 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 4-1-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-7-4 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 12=1232/Mechanical, 7=1232/Mechanical
Max Horz 12=130(load case 5)
Max Uplift12=-349(load case 4), 7=-413(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1735/692, 2-3=-2046/883, 3-4=-2045/883, 4-5=-500/238, 5-6=-527/214, 1-12=-1125/508, 6-7=-1250/488
BOT CHORD 11-12=-290/282, 10-11=-649/1479, 9-10=-697/1723, 8-9=-697/1723, 7-8=-2/2
WEBS 2-11=-2/114, 2-10=-317/756, 3-10=-390/273, 4-10=-172/389, 4-9=0/212, 4-8=-1469/601, 5-8=-99/137, 1-11=-413/1214, 6-8=-469/1180

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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 349 lb uplift at joint 12 and 413 lb uplift at joint 7.

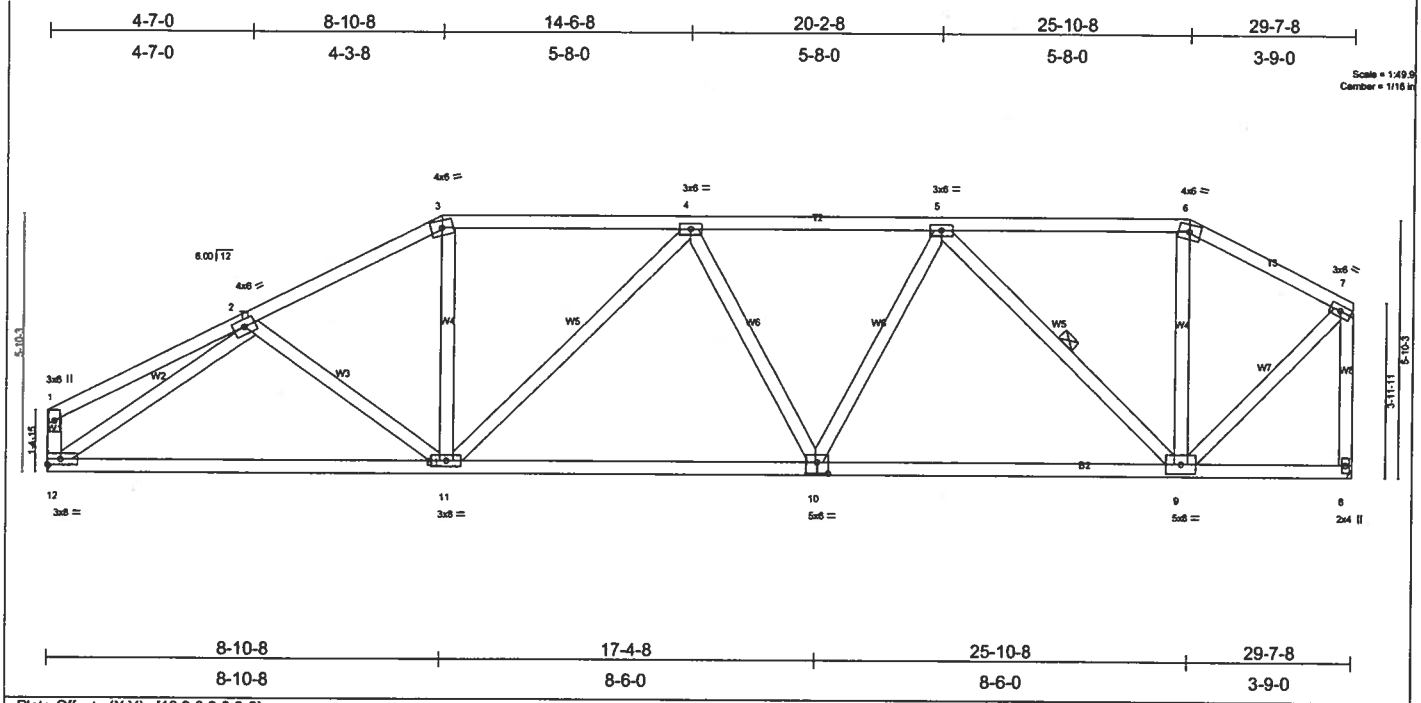
LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061551

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T11	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:06:16 2006 Page 1



8-10-8	17-4-8	25-10-8	29-7-8
8-10-8	8-6-0	8-6-0	3-9-0

Plate Offsets (X,Y): [10:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	-0.14	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.23	9-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.06	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 176 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 4-10-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-9

REACTIONS (lb/size) 12=1232/Mechanical, 8=1232/Mechanical
Max Horz 12=144(load case 5)
Max Uplift12=-350(load case 5), 8=-361(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-366/123, 2-3=-1629/702, 3-4=-1426/681, 4-5=-1595/714, 5-6=-767/384, 6-7=-887/377, 1-12=-271/143, 7-8=-1207/509
BOT CHORD 11-12=-670/1343, 10-11=-684/1640, 9-10=-584/1419, 8-9=-11/9
WEBS 2-11=-62/211, 3-11=-102/420, 4-11=-387/218, 4-10=-108/137, 5-10=-82/396, 5-9=-945/416, 6-9=0/164, 2-12=-1351/622, 7-9=-397/1065

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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 350 lb uplift at joint 12 and 361 lb uplift at joint 8.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

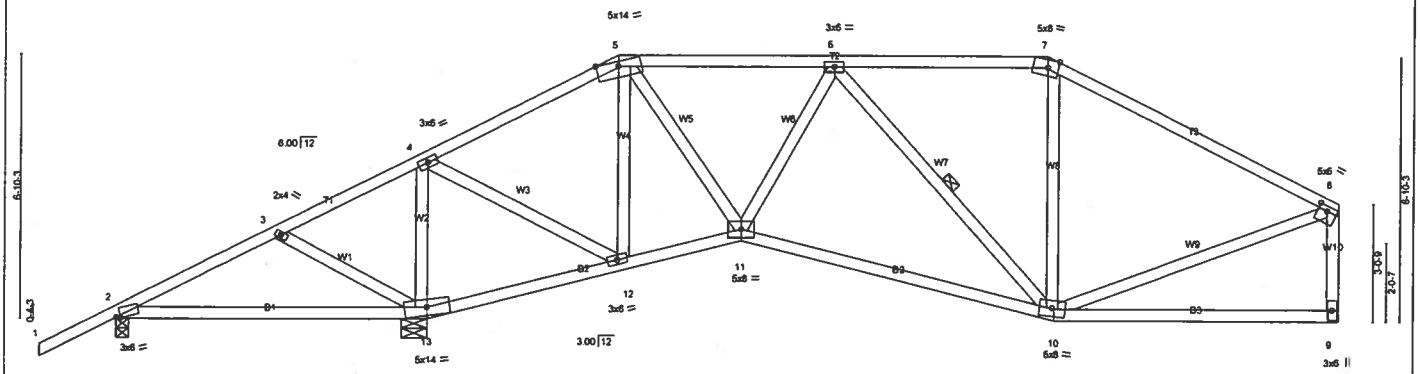
Dwg.#0105061552

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T12	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:09:35 2006 Page 1

-2-0-0	4-3-8	8-0-8	13-0-0	18-6-14	24-1-12	31-9-0
2-0-0	4-3-8	3-9-0	4-11-8	5-6-14	5-6-14	7-7-4

Scale = 1:57.2
Camber = 1/16 in



7-8-8	8-0-8	13-0-0	16-2-4	24-4-0	31-9-0
7-8-8	0-4-0	4-11-8	3-2-4	8-1-12	7-5-0

Plate Offsets (X,Y): [2:0-1-5,0-0-7], [7:0-3-3,Edge], [8:0-3-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.80	Vert(LL)	0.16	2-13	>601	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	0.13	2-13	>729	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.03	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 181 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-10

REACTIONS (lb/size) 2=218/0-4-0, 13=1633/0-8-0, 9=907/Mechanical
Max Horz 2=244(load case 5)
Max Uplift2=-246(load case 5), 13=-616(load case 5), 9=-267(load case 6)
Max Grav 2=230(load case 9), 13=1633(load case 1), 9=907(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-121/330, 3-4=-213/511, 4-5=-603/263, 5-6=-896/422, 6-7=-732/429, 7-8=-908/383, 8-9=-804/382
BOT CHORD 2-13=-267/87, 12-13=-498/234, 11-12=-126/503, 10-11=-308/982, 9-10=-80/117
WEBS 3-13=-255/254, 4-13=-1172/558, 4-12=-359/1063, 5-12=-663/313, 5-11=-237/752, 6-11=-90/135, 6-10=-370/184, 7-10=-9/131, 8-10=-166/659

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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 246 lb uplift at joint 2, 616 lb uplift at joint 13 and 267 lb uplift at joint 9.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

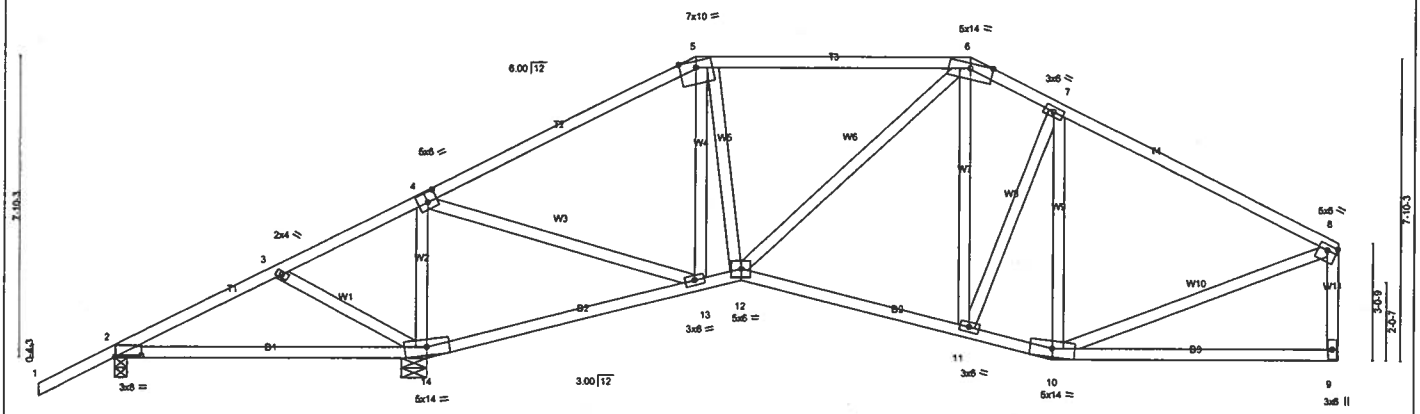
Dwg.#0105061553

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T13	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:09:43 2006 Page 1

-2-0-0	4-3-8	8-0-8	15-0-0	22-1-12	24-4-0	31-9-0
2-0-0	4-3-8	3-9-0	6-11-8	7-1-12	2-2-4	7-5-0

Scale = 1:57.2



7-8-8	8-0-8	15-0-0	16-2-4	22-1-12	24-4-0	31-9-0
7-8-8	0-4-0	6-11-8	1-2-4	5-11-8	2-2-4	7-5-0

Plate Offsets (X,Y): [2:0-8-4,0-0-10], [4:0-3-0,0-3-0], [8:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.80	Vert(LL)	0.17	2-14	>557	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	0.14	2-14	>656	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.03	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 196 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=293/0-4-0, 14=1532/0-8-0, 9=933/Mechanical
Max Horz 2=258(load case 5)
Max Uplift2=-251(load case 5), 14=-626(load case 5), 9=-327(load case 6)
Max Grav 2=333(load case 9), 14=1532(load case 1), 9=933(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-75/159, 3-4=-164/335, 4-5=-912/380, 5-6=-816/443, 6-7=-875/498, 7-8=-929/404, 8-9=-816/398
BOT CHORD 2-14=-117/21, 13-14=-305/168, 12-13=-191/751, 11-12=-224/799, 10-11=-267/774, 9-10=-71/126
WEBS 3-14=-218/224, 4-14=-1120/586, 4-13=-347/1061, 5-13=-419/285, 5-12=-139/416, 6-12=-40/130, 6-11=-102/109, 7-11=-92/110, 7-10=-279/185, 8-10=-201/671

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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 251 lb uplift at joint 2, 626 lb uplift at joint 14 and 327 lb uplift at joint 9.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

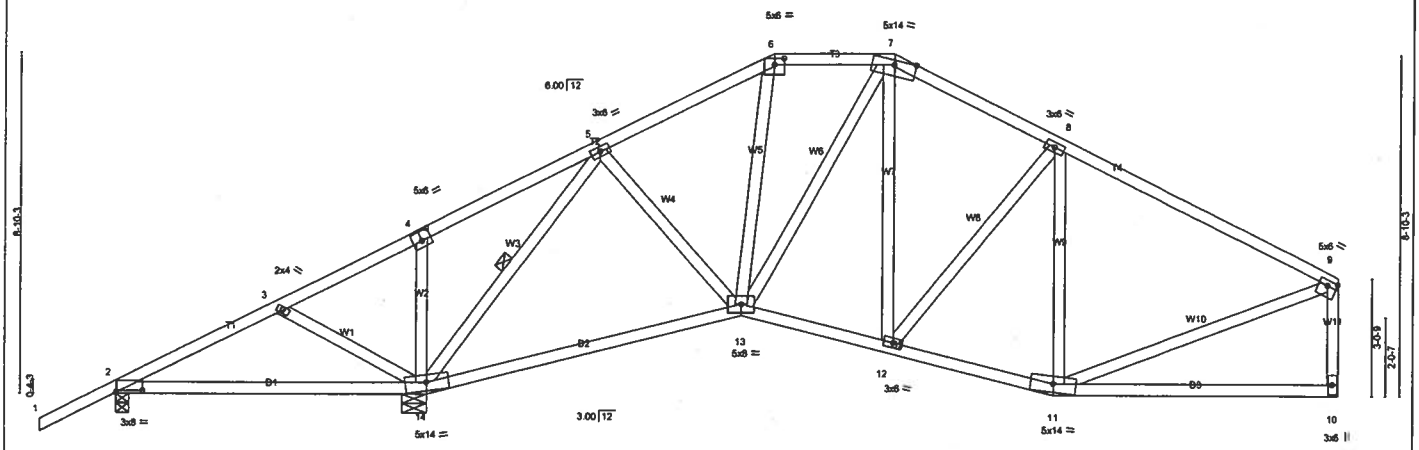
Dwg.#0105061554

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T14	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:09:52 2006 Page 1

-2-0-0	4-3-8	8-0-8	12-6-4	17-0-0	20-1-12	24-4-0	31-9-0
2-0-0	4-3-8	3-9-0	4-5-12	4-5-12	3-1-12	4-2-4	7-5-0

Scale = 1:57.2
Camber = 1/16 in



7-8-8	8-0-8	16-2-4	20-1-12	24-4-0	31-9-0
7-8-8	0-4-0	8-1-12	3-11-8	4-2-4	7-5-0

Plate Offsets (X,Y): [2:0-8-4,0-0-10], [4:0-3-0,0-3-0], [6:0-3-0,0-2-0], [9:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	0.16	2-14	>577	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	0.14	2-14	>652	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 199 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 2-14.
WEBS 1 Row at midpt 5-14

REACTIONS (lb/size) 2=288/0-4-0, 14=1529/0-8-0, 10=940/Mechanical
Max Horz 2=272(load case 5)
Max Uplift2=-238(load case 5), 14=-649(load case 5), 10=-296(load case 6)
Max Grav 2=312(load case 9), 14=1529(load case 1), 10=940(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-94/147, 3-4=-198/333, 4-5=-90/346, 5-6=-906/443, 6-7=-739/439, 7-8=-857/480, 8-9=-943/415, 9-10=-826/406
BOT CHORD 2-14=-109/48, 13-14=-152/554, 12-13=-174/750, 11-12=-279/791, 10-11=-70/121
WEBS 3-14=-230/254, 4-14=-233/226, 5-14=-1302/552, 5-13=-23/390, 6-13=-39/195, 7-13=-44/155, 7-12=-152/180, 8-12=-122/164, 8-11=-248/198, 9-11=-214/692

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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 238 lb uplift at joint 2, 649 lb uplift at joint 14 and 296 lb uplift at joint 10.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061555

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T15	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:11:33 2006 Page 1

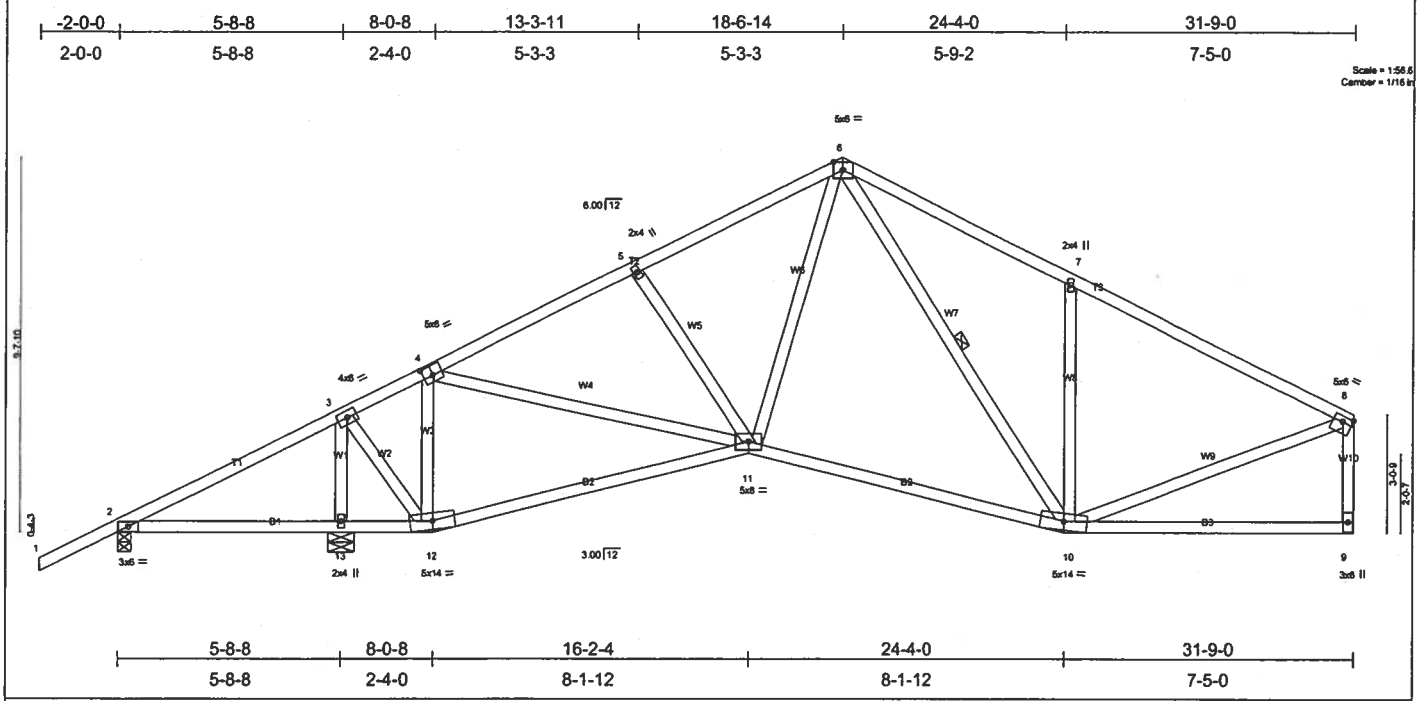


Plate Offsets (X,Y): [4:0-3-0,0-3-0], [8:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	-0.11	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.18	10-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 190 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 5-2-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-10

REACTIONS (lb/size) 2=188/0-4-0, 9=1048/Mechanical, 13=1521/0-8-0
Max Horz 2=283(load case 5)
Max Uplift2=-189(load case 5), 9=-339(load case 6), 13=-610(load case 5)
Max Grav 2=219(load case 9), 9=1048(load case 1), 13=1521(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-209/390, 3-4=-471/208, 4-5=-1375/655, 5-6=-1220/645, 6-7=-1074/684, 7-8=-1083/492, 8-9=-945/467
BOT CHORD 2-13=-283/94, 12-13=-283/94, 11-12=-165/418, 10-11=-253/897, 9-10=-70/110
WEBS 3-13=-1408/639, 3-12=-375/1069, 4-12=-761/414, 4-11=-325/825, 5-11=-280/273, 6-11=-210/619, 6-10=-230/228, 7-10=-377/380, 8-10=-290/841

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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 189 lb uplift at joint 2, 339 lb uplift at joint 9 and 610 lb uplift at joint 13.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

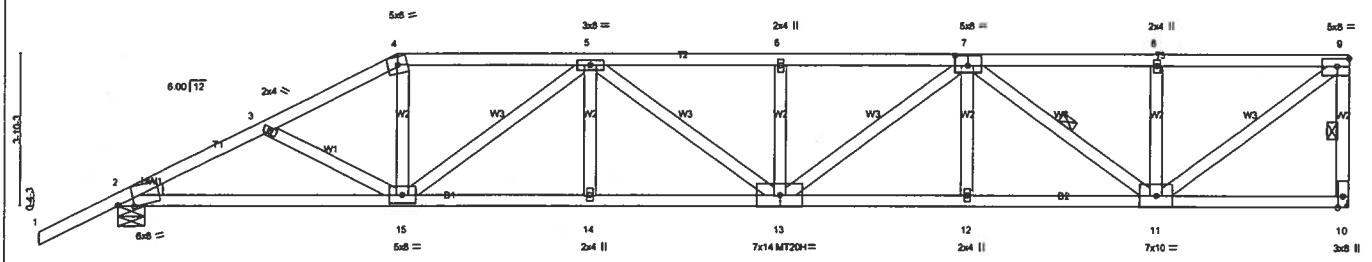
Dwg.#0105061556

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T16	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:17:08 2006 Page 1

-2-0-0	3-9-4	7-0-0	11-11-0	16-8-4	21-5-8	26-2-12	31-1-12
2-0-0	3-9-4	3-2-12	4-11-0	4-9-4	4-9-4	4-9-4	4-11-0

Scale = 1:55.6
Camber = 1/4 in



7-0-0	11-11-0	16-8-4	21-5-8	26-2-12	31-1-12
7-0-0	4-11-0	4-9-4	4-9-4	4-9-4	4-11-0

Plate Offsets (X,Y): [2:0-4-13,Edge], [7:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.79	Vert(LL)	-0.44	13-14	>846	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.90	Vert(TL)	-0.70	13-14	>528	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.90	Horz(TL)	0.19	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 174 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
W3 2 X 4 SYP No.2, W3 2 X 4 SYP No.2, W3 2 X 4 SYP No.2, W3 2 X 4 SYP No.2
W3 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-2-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-2-5 oc bracing.
WEBS 1 Row at midpt 9-10, 7-11

REACTIONS (lb/size) 10=2731/Mechanical, 2=2689/0-8-0
Max Horz 2=226(load case 4)
Max Uplift10=-1224(load case 3), 2=-1139(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-4825/2029, 3-4=-4841/2104, 4-5=-4396/1945, 5-6=-6027/2695, 6-7=-6028/2696, 7-8=-3186/1426, 8-9=-3186/1426, 9-10=-2572/1236
BOT CHORD 2-15=-1824/4151, 14-15=-2587/5780, 13-14=-2587/5780, 12-13=-2316/5170, 11-12=-2316/5169, 10-11=-40/86
WEBS 3-15=-184/195, 4-15=-653/1737, 5-15=-1728/830, 5-14=0/299, 5-13=-158/308, 6-13=-528/427, 7-13=-474/1070, 7-12=0/303, 7-11=-2475/1110, 8-11=-544/452, 9-11=-1729/3866

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; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) All plates are MT20 plates unless otherwise indicated.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1224 lb uplift at joint 10 and 1139 lb uplift at joint 2.
6) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 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 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: 1-4=-54, 4-9=-113(F=-58), 2-15=-30, 10-15=-62(F=-33)
Concentrated Loads (lb)
Vert: 15=-539(F)

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061557

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T17	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:18:33 2006 Page 1

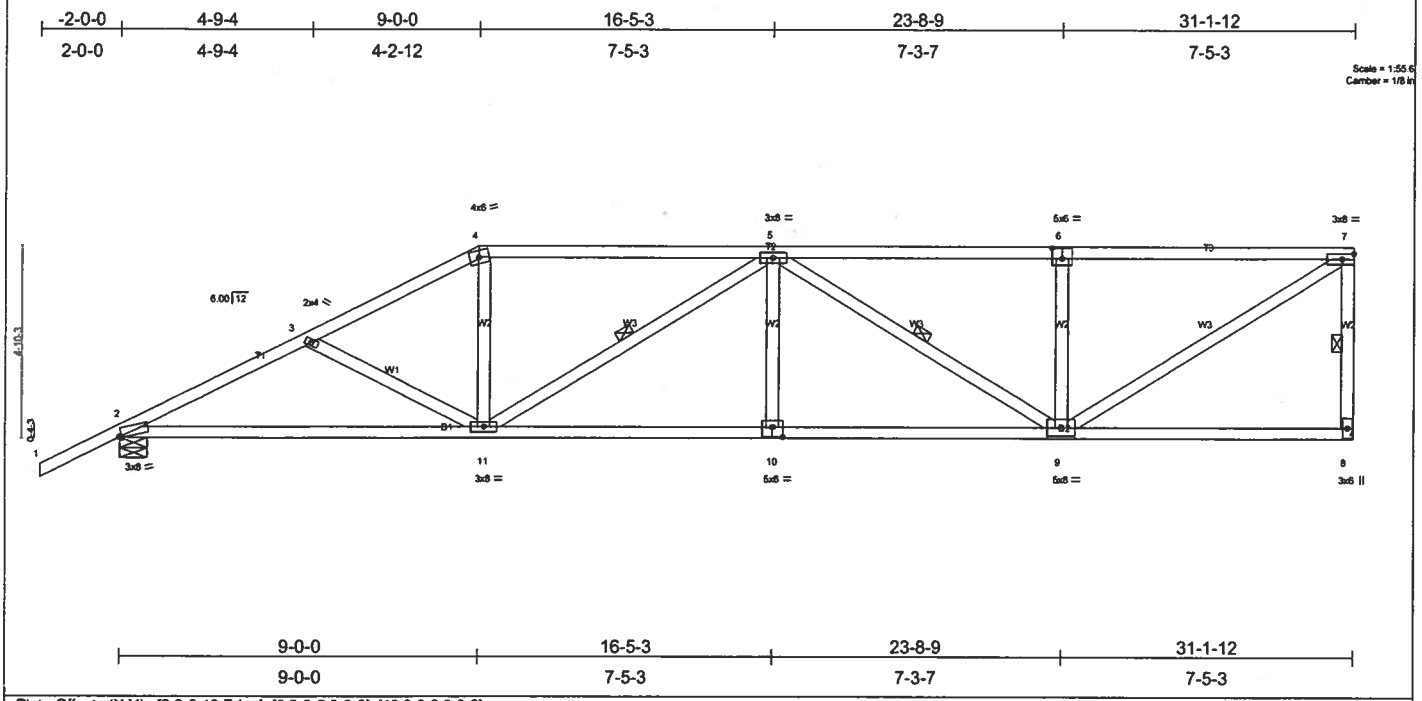


Plate Offsets (X,Y): [2:0-0-10,Edge], [6:0-3-0,0-3-0], [10:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	-0.18	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.31	2-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.96	Horz(TL)	0.08	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 167 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 4-0-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-6-5 oc bracing.
WEBS 1 Row at midpt 7-8, 5-11, 5-9

REACTIONS (lb/size) 8=1283/Mechanical, 2=1419/0-8-0
Max Horz 2=272(load case 5)
Max Uplift8=-472(load case 4), 2=-497(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-2243/870, 3-4=-2066/801, 4-5=-1830/780, 5-6=-1644/667, 6-7=-1644/667, 7-8=-1174/531
BOT CHORD 2-11=-909/1932, 10-11=-923/2224, 9-10=-923/2224, 8-9=-26/65
WEBS 3-11=-136/161, 4-11=-96/564, 5-11=-466/268, 5-10=0/207, 5-9=-685/302, 6-9=-403/295, 7-9=-756/1862

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) Provide adequate drainage to prevent water ponding.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 472 lb uplift at joint 8 and 497 lb uplift at joint 2.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061558

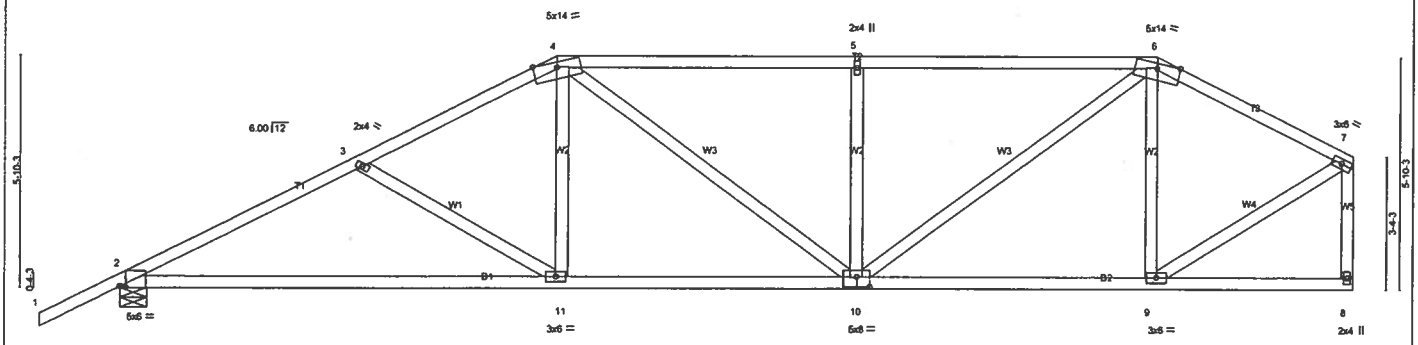
Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T18	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:19:02 2006 Page 1

-2-0-0 | 5-9-4 | 11-0-0 | 18-6-14 | 26-1-12 | 31-1-12

2-0-0 | 5-9-4 | 5-2-12 | 7-6-14 | 7-6-14 | 5-0-0

Scale = 1:55.6
Camber = 1/4 in



5-9-4 | 11-0-0 | 18-6-14 | 26-1-12 | 31-1-12

5-9-4 | 5-2-12 | 7-6-14 | 7-6-14 | 5-0-0

Plate Offsets (X,Y): [2:0-1-11,Edge], [10:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.34	2-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.76	Vert(TL)	-0.58	2-11	>633	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.58	Horz(TL)	0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 170 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 3-8-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-3 oc bracing.

REACTIONS (lb/size) 2=1419/0-8-0, 8=1283/Mechanical
Max Horz 2=240(load case 5)
Max Uplift2=-520(load case 5), 8=-341(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-2195/906, 3-4=-1925/794, 4-5=-1772/818, 5-6=-1771/817, 6-7=-1181/502, 7-8=-1224/534
BOT CHORD 2-11=-858/1898, 10-11=-649/1680, 9-10=-380/1004, 8-9=-22/30
WEBS 3-11=-266/242, 4-11=-56/433, 4-10=-175/243, 5-10=-437/308, 6-10=-388/987, 6-9=-410/274, 7-9=-430/1161

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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 520 lb uplift at joint 2 and 341 lb uplift at joint 8.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

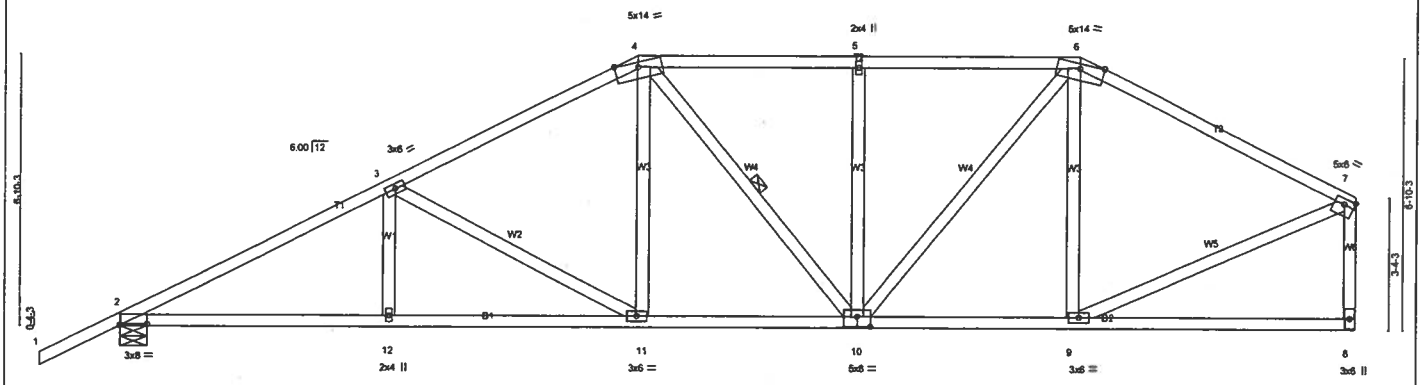
Dwg.#0105061559

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T19	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:19:40 2006 Page 1

-2-0-0	6-9-4	13-0-0	18-6-14	24-1-12	31-1-12
2-0-0	6-9-4	6-2-12	5-6-14	5-6-14	7-0-0

Scale = 1:55.6
Camber = 1/16 in



6-9-4	13-0-0	18-6-14	24-1-12	31-1-12
6-9-4	6-2-12	5-6-14	5-6-14	7-0-0

Plate Offsets (X,Y): [2:0-8-0,0-0-6], [7:Edge,0-1-12], [10:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	-0.13	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.21	11-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.50	Horz(TL)	0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 182 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 3-10-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-8 oc bracing.
WEBS 1 Row at midpt 4-10

REACTIONS (lb/size) 2=1419/0-8-0, 8=1283/Mechanical
Max Horz 2=254(load case 5)
Max Uplift2=-534(load case 5), 8=-352(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-2299/890, 3-4=-1732/765, 4-5=-1469/731, 5-6=-1469/730, 6-7=-1306/570, 7-8=-1174/550
BOT CHORD 2-12=-843/1962, 11-12=-843/1962, 10-11=-579/1490, 9-10=-408/1089, 8-9=-57/97
WEBS 3-12=0/206, 3-11=-551/302, 4-11=-111/442, 4-10=-108/122, 5-10=-302/218, 6-10=-233/655, 6-9=-253/206, 7-9=-388/1092

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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 534 lb uplift at joint 2 and 352 lb uplift at joint 8.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

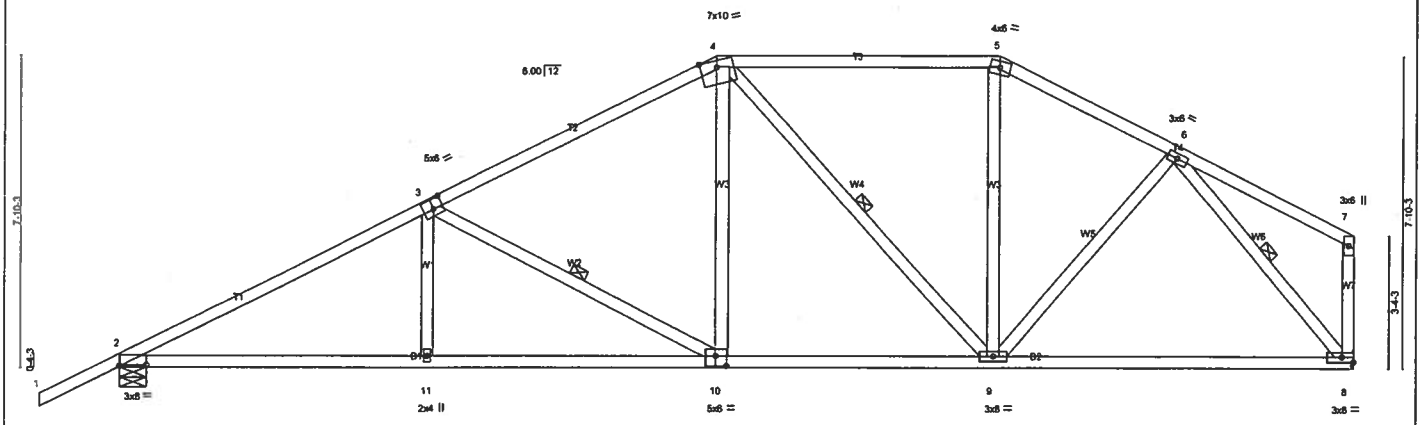
Dwg.#0105061560

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T20	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:20:22 2006 Page 1

-2-0-0	7-9-4	15-0-0	22-1-12	26-6-0	31-1-12
2-0-0	7-9-4	7-2-12	7-1-12	4-4-4	4-7-12

Scale = 1:55.6
Camber = 1/8 in



7-9-4	15-0-0	22-1-12	31-1-12
7-9-4	7-2-12	7-1-12	9-0-0

Plate Offsets (X,Y): [2:0-8-0,0-0-6], [3:0-3-0,0-3-0], [10:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	-0.14	2-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.24	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 178 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 3-8-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-11-7 oc bracing.
WEBS 1 Row at midpt 3-10, 4-9, 6-8

REACTIONS (lb/size) 2=1419/0-8-0, 8=1283/Mechanical
Max Horz 2=268(load case 5)
Max Uplift2=-547(load case 5), 8=-370(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-2260/892, 3-4=-1586/733, 4-5=-1123/621, 5-6=-1293/635, 6-7=-161/80, 7-8=-179/120
BOT CHORD 2-11=-832/1921, 10-11=-833/1917, 9-10=-506/1340, 8-9=-383/896
WEBS 3-11=0/248, 3-10=-661/374, 4-10=-144/515, 4-9=-395/176, 5-9=-58/234, 6-9=-99/407, 6-8=-1260/583

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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 547 lb uplift at joint 2 and 370 lb uplift at joint 8.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

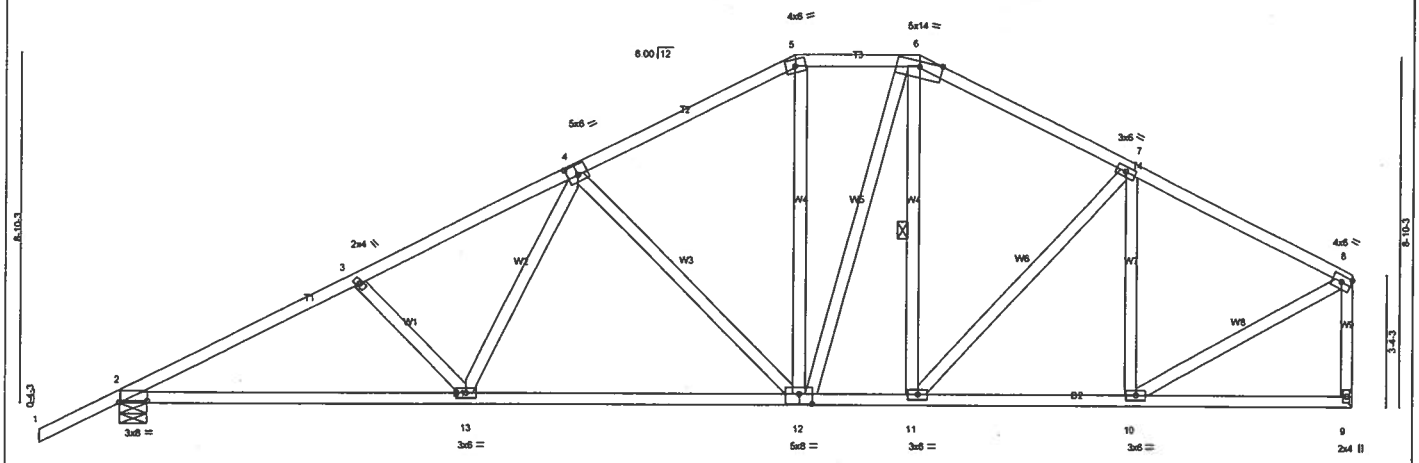
Dwg.#0105061561

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T21	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:21:28 2006 Page 1

-2-0-0	6-0-5	11-6-3	17-0-0	20-1-12	25-6-0	31-1-12
2-0-0	6-0-5	5-5-13	5-5-13	3-1-12	5-4-4	5-7-12

Scale = 1:55.6
Camber = 1/8 in



8-9-4	17-0-0	20-1-12	25-6-0	31-1-12
8-9-4	8-2-12	3-1-12	5-4-4	5-7-12

Plate Offsets (X,Y): [2:0-8-4,0-0-10], [4:0-3-0,0-3-0], [12:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.17	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.28	12-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.70	Horz(TL)	0.06	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 198 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 3-11-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-12 oc bracing.
WEBS 1 Row at midpt 6-11

REACTIONS (lb/size) 2=1419/0-8-0, 9=1283/Mechanical
Max Horz 2=282(load case 5)
Max Uplift2=-557(load case 5), 9=-385(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-2270/937, 3-4=-2063/891, 4-5=-1362/701, 5-6=-1161/685, 6-7=-1260/665, 7-8=-1210/546, 8-9=-1202/562
BOT CHORD 2-13=-890/1944, 12-13=-674/1576, 11-12=-371/1064, 10-11=-414/1026, 9-10=-33/57
WEBS 3-13=-237/239, 4-13=-121/491, 4-12=-605/385, 5-12=-136/346, 6-12=-147/396, 6-11=-63/108, 7-11=-50/153, 7-10=-374/261, 8-10=-438/1113

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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 557 lb uplift at joint 2 and 385 lb uplift at joint 9.

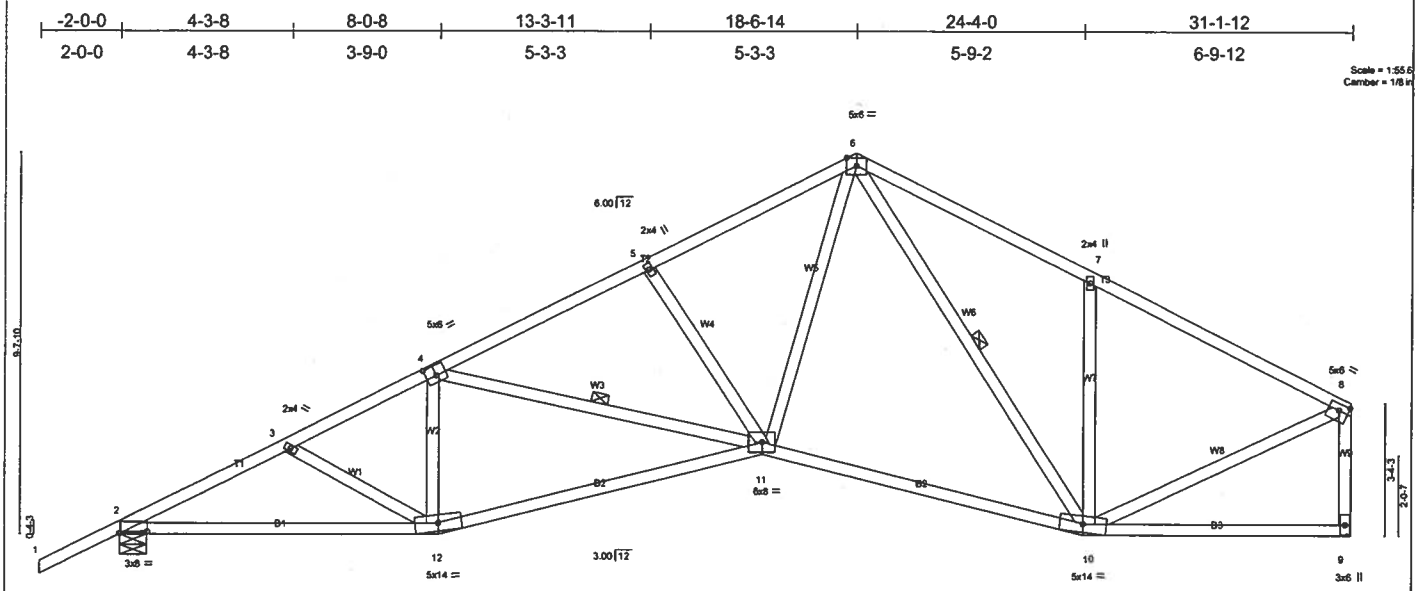
LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0105061562

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T22	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:22:23 2006 Page 1



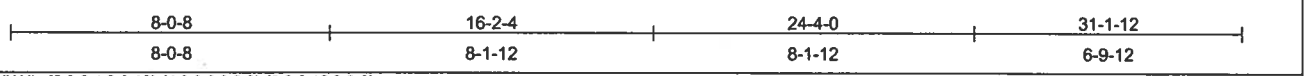


Plate Offsets (X,Y): [2:0-8-4,0-0-10], [4:0-3-0,0-3-0], [8:0-2-12,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	-0.18	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.29	11-12	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.10	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 185 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 4-1-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-1 oc bracing.
WEBS 1 Row at midpt 4-11, 6-10

REACTIONS (lb/size) 2=1419/0-8-0, 9=1283/Mechanical
Max Horz 2=293(load case 5)
Max Uplift2=-563(load case 5), 9=-396(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-2278/941, 3-4=-2129/899, 4-5=-2037/948, 5-6=-1880/940, 6-7=-1287/769, 7-8=-1289/585, 8-9=-1193/570
BOT CHORD 2-12=-899/1948, 11-12=-835/1952, 10-11=-439/1280, 9-10=-51/78
WEBS 3-12=-103/104, 4-12=-183/215, 4-11=-170/79, 5-11=-276/265, 6-11=-527/1324, 6-10=-343/74, 7-10=-360/361, 8-10=-423/1114

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) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 563 lb uplift at joint 2 and 396 lb uplift at joint 9.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

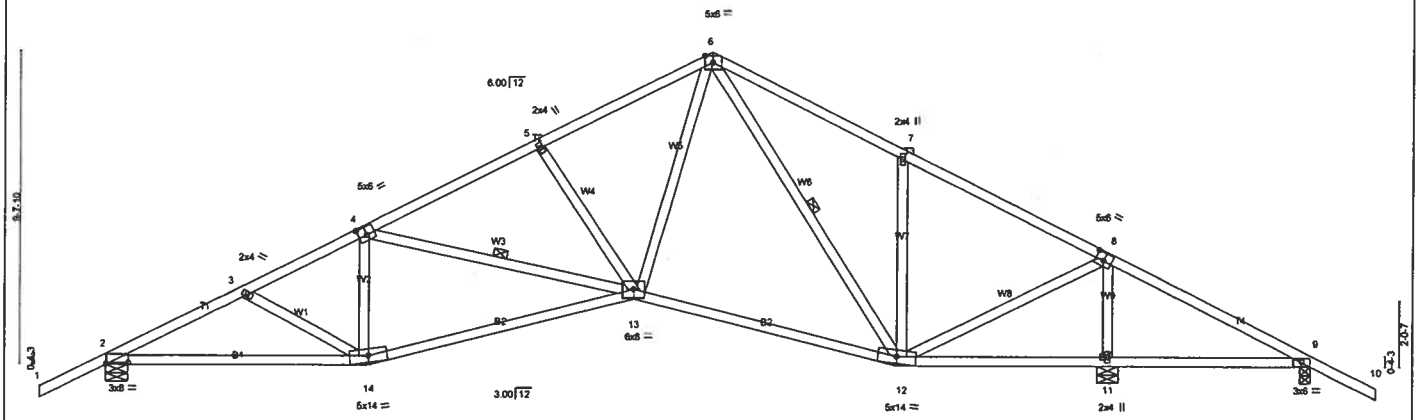
Dwg.#0105061563

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T23	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:27:41 2006 Page 1

-2-0-0	4-3-8	8-0-8	13-3-11	18-6-14	24-4-0	30-9-12	37-1-12	39-1-12
2-0-0	4-3-8	3-9-0	5-3-3	5-3-3	5-9-2	6-5-12	6-4-0	2-0-0

Scale = 1:67.8
Camber = 1/8 in



8-0-8	16-2-4	24-4-0	30-9-12	37-1-12
8-0-8	8-1-12	8-1-12	6-5-12	6-4-0

Plate Offsets (X,Y): [2:0-8-4,0-0-10], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.17	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.27	12-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.08	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 207 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 4-3-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-13, 6-12

REACTIONS (lb/size) 2=1345/0-8-0, 9=73/0-4-0, 11=1903/0-8-0
Max Horz 2=-168(load case 6)
Max Uplift2=-543(load case 5), 9=-239(load case 6), 11=-635(load case 6)
Max Grav 2=1345(load case 1), 9=169(load case 10), 11=1903(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-2127/894, 3-4=-1973/850, 4-5=-1824/793, 5-6=-1667/785, 6-7=-967/661, 7-8=-974/490, 8-9=-222/675, 9-10=0/47
BOT CHORD 2-14=-628/1817, 13-14=-552/1810, 12-13=-158/1106, 11-12=-486/324, 9-11=-524/342
WEBS 3-14=-111/107, 4-14=-145/145, 4-13=-213/178, 5-13=-276/264, 6-13=-393/1258, 6-12=-515/95, 7-12=-335/331, 8-12=-480/1449, 8-11=-1700/813

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; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 543 lb uplift at joint 2, 239 lb uplift at joint 9 and 635 lb uplift at joint 11.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

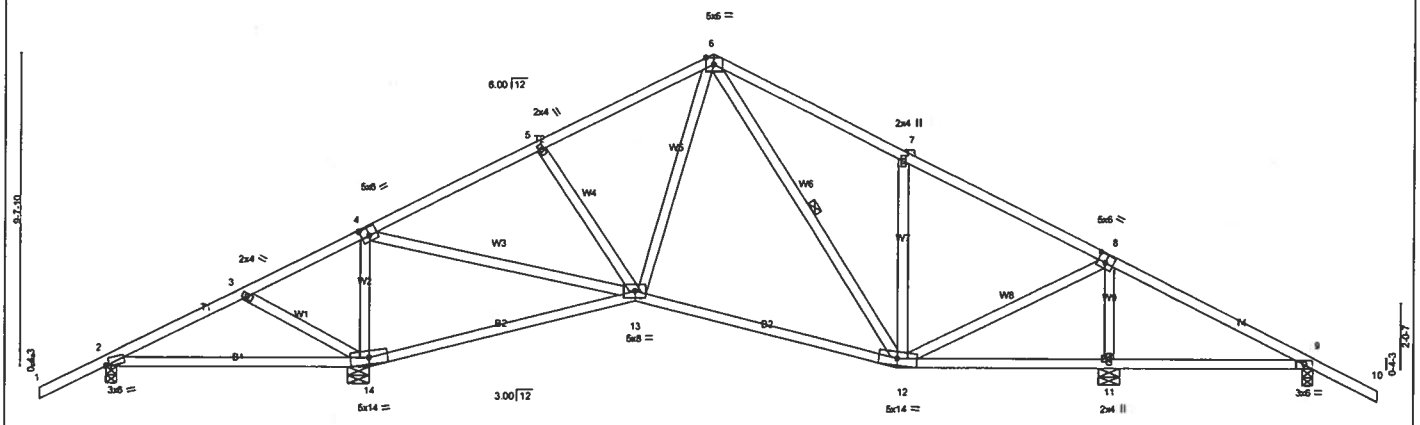
Dwg.#0105061564

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L44253	T24	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Jan 04 08:27:24 2006 Page 1

-2-0-0	4-3-8	8-0-8	13-3-11	18-6-14	24-4-0	30-9-12	37-1-12	39-1-12
2-0-0	4-3-8	3-9-0	5-3-3	5-3-3	5-9-2	6-5-12	6-4-0	2-0-0

Scale = 1:67.8
Camber = 1/16 in



7-8-8	8-0-8	16-2-4	24-4-0	30-9-12	37-1-12
7-8-8	0-4-0	8-1-12	8-1-12	6-5-12	6-4-0

Plate Offsets (X,Y): [2:0-1-5,0-0-7], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0]

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)	0.16	2-14	>590	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	0.14	2-14	>692	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.02	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 207 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 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 12-13.
WEBS 1 Row at midpt 6-12

REACTIONS (lb/size) 2=322/0-4-0, 14=1431/0-8-0, 9=284/0-4-0, 11=1290/0-8-0
Max Horz 2=168(load case 5)
Max Uplift2=-289(load case 5), 14=-582(load case 5), 9=-281(load case 6), 11=-509(load case 6)
Max Grav 2=341(load case 9), 14=1431(load case 1), 9=304(load case 10), 11=1290(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-81/184, 3-4=-87/276, 4-5=-978/450, 5-6=-824/442, 6-7=-748/572, 7-8=-755/402, 8-9=-56/223, 9-10=0/47
BOT CHORD 2-14=-91/61, 13-14=-258/239, 12-13=0/631, 11-12=-100/178, 9-11=-122/190
WEBS 3-14=-238/245, 4-14=-1014/448, 4-13=-275/1069, 5-13=-271/264, 6-13=-55/346, 6-12=-260/154, 7-12=-335/332, 8-12=-227/793, 8-11=-1090/577

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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 289 lb uplift at joint 2, 582 lb uplift at joint 14, 281 lb uplift at joint 9 and 509 lb uplift at joint 11.

LOAD CASE(S) Standard

JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

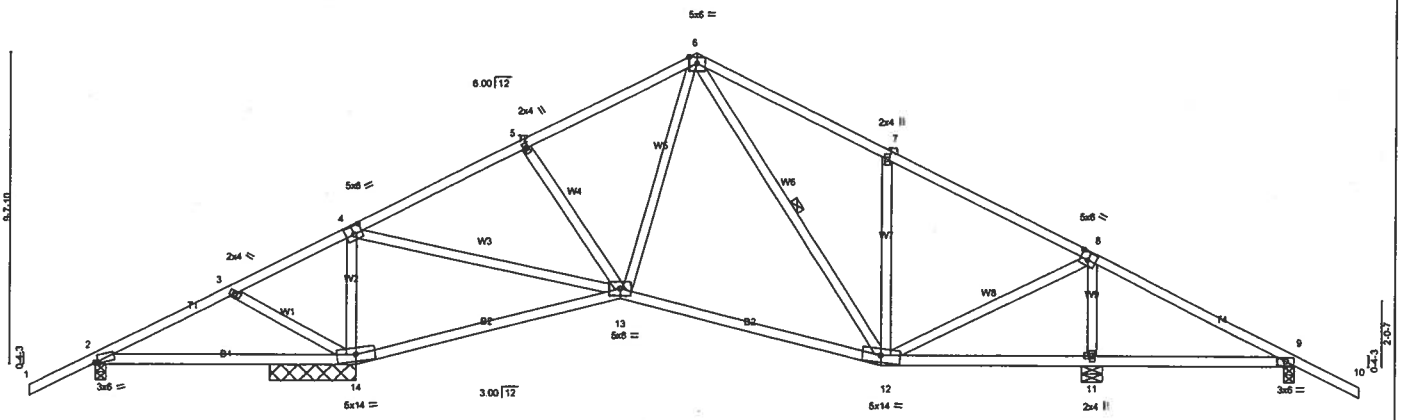
Dwg.#0105061565

Job	Truss	Truss Type	Qty	Ply	WODMAN PARK BLDRS.INC.
L144253	T25	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Jan 05 10:27:37 2006 Page 1

-2-0-0	4-3-8	8-0-8	13-3-11	18-6-14	24-4-0	30-9-12	37-1-12	39-1-12
2-0-0	4-3-8	3-9-0	5-3-3	5-3-3	5-9-2	6-5-12	6-4-0	2-0-0

Scale = 1:58.2



6-8-8	8-0-8	16-2-4	24-4-0	30-9-12	37-1-12
6-8-8	1-4-0	8-1-12	8-1-12	6-5-12	6-4-0

Plate Offsets (X,Y): [2:0-1-5,0-0-7], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0]

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)	0.16	2-14	>590	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	0.14	2-14	>692	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.02	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 207 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 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 12-13.
WEBS 1 Row at midpt 6-12

REACTIONS (lb/size) 2=326/0-4-0, 14=1426/2-8-0, 9=282/0-4-0, 11=1293/0-8-0
Max Horz 2=168(load case 5)
Max Uplift2=-291(load case 5), 14=-581(load case 5), 9=-281(load case 6), 11=-509(load case 6)
Max Grav 2=344(load case 9), 14=1426(load case 1), 9=303(load case 10), 11=1293(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-86/186, 3-4=-84/267, 4-5=-982/451, 5-6=-826/443, 6-7=-748/572, 7-8=-754/402, 8-9=-57/227, 9-10=0/47
BOT CHORD 2-14=-91/60, 13-14=-265/241, 12-13=0/632, 11-12=-99/178, 9-11=-127/192
WEBS 3-14=-234/241, 4-14=-1010/447, 4-13=-279/1078, 5-13=-273/265, 6-13=-57/349, 6-12=-259/152, 7-12=-335/331, 8-12=-227/793, 8-11=-1093/579

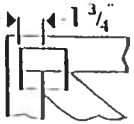
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 2, 581 lb uplift at joint 14, 281 lb uplift at joint 9 and 509 lb uplift at joint 11.

LOAD CASE(S) Standard

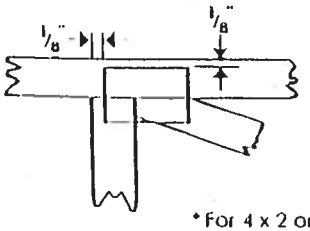
JANUARY 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

PLATE LOCATION AND ORIENTATION



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



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

* This symbol indicates the required direction of slots in connector plates.

PLATE SIZE

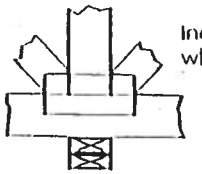
4 X 4

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

LATERAL BRACING

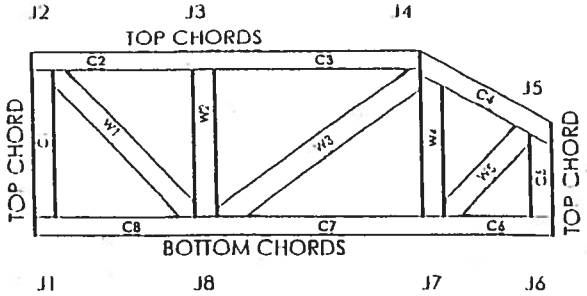
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

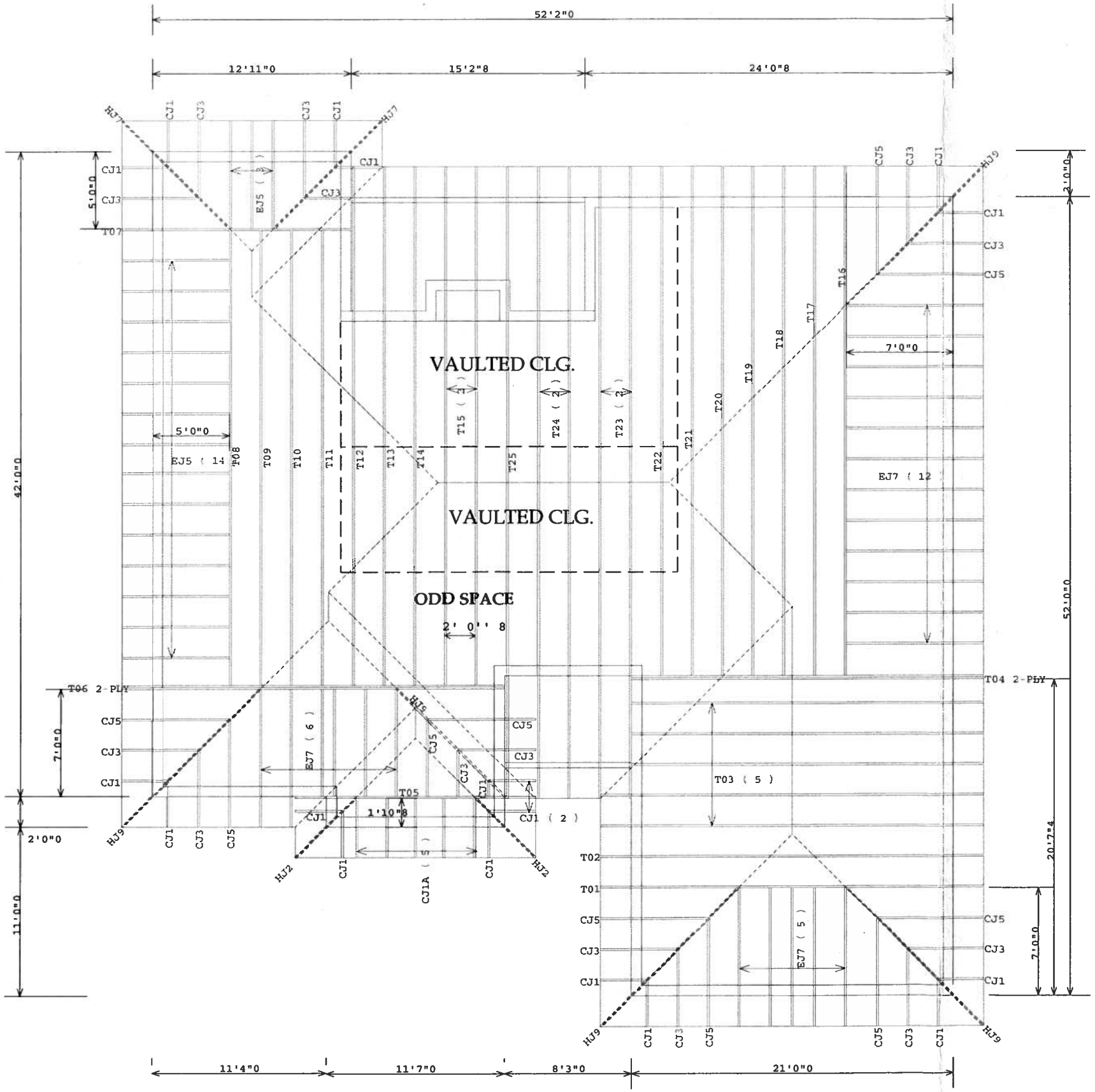
BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DILHR	960022-W, 970036-H
HER	561

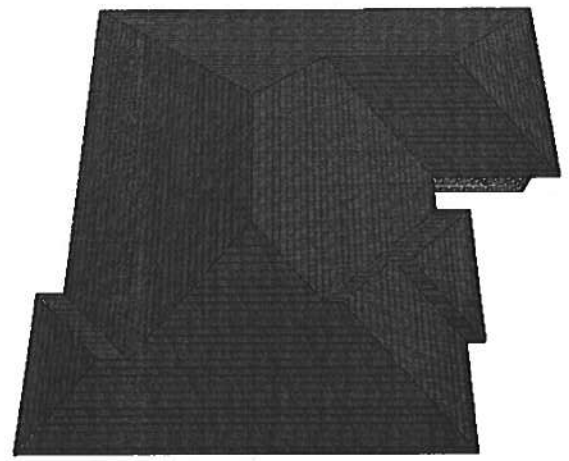
MiTek Engineering Reference Sheet: MII-7473

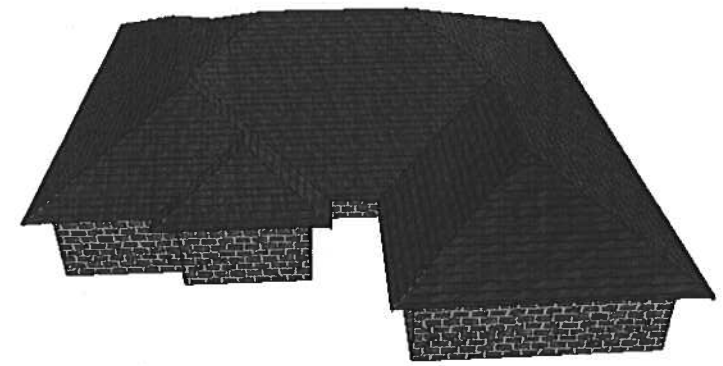
General Safety Notes

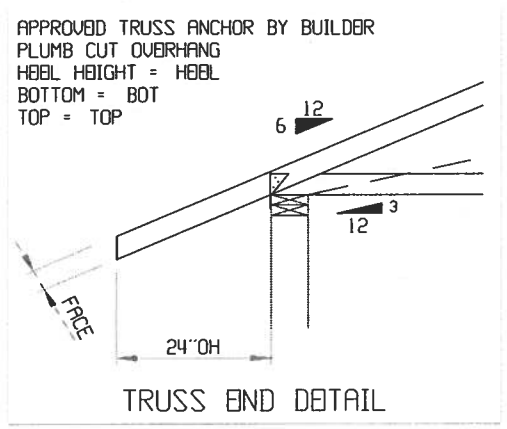
Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length (± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.









TRUSS END DETAIL

HANGER SCHEDULE

(20) HTU26

BEARING HEIGHT SCHEDULE

8'-0"

OVERHANG

2'-0"

ROOF PITCH(S)

6/12

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2.) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V105 FOR ALTERNATE BRACING REQUIREMENTS.

3.) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4.) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.

5.) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6.) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7.) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8.) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

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

Requested Delivery Date: _____

Approved by: _____ Date: _____

Builders FirstSource

Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973

Lake City
PHONE: 904-755-6894 FAX: 904-755-7973

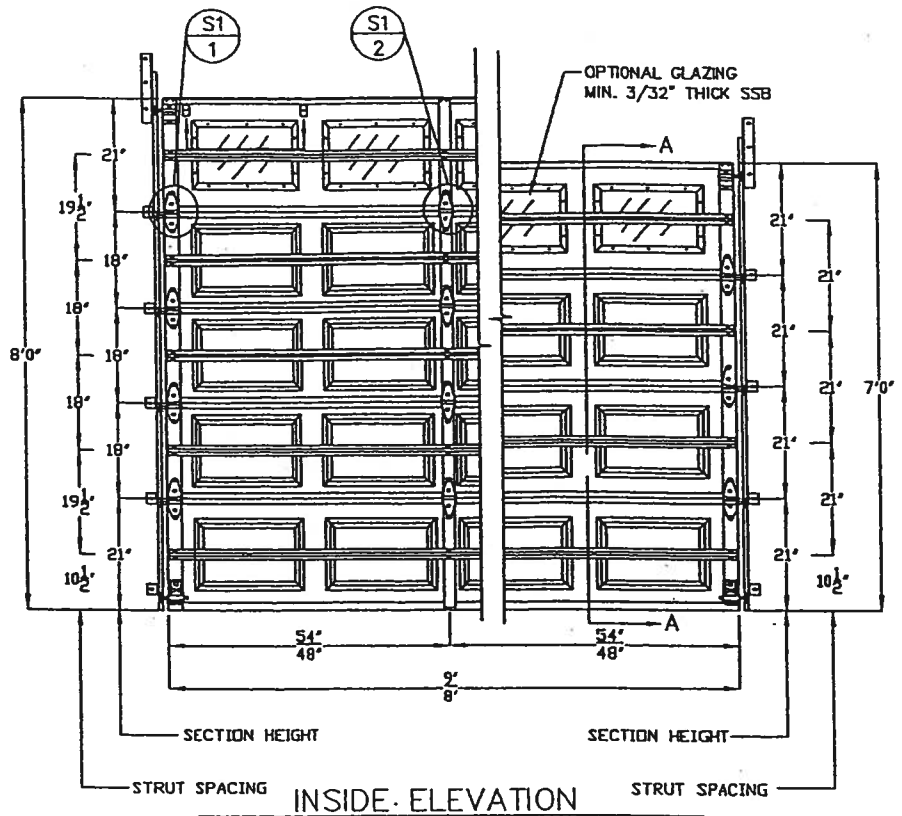
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: WOODMAN PARK BLDRS.

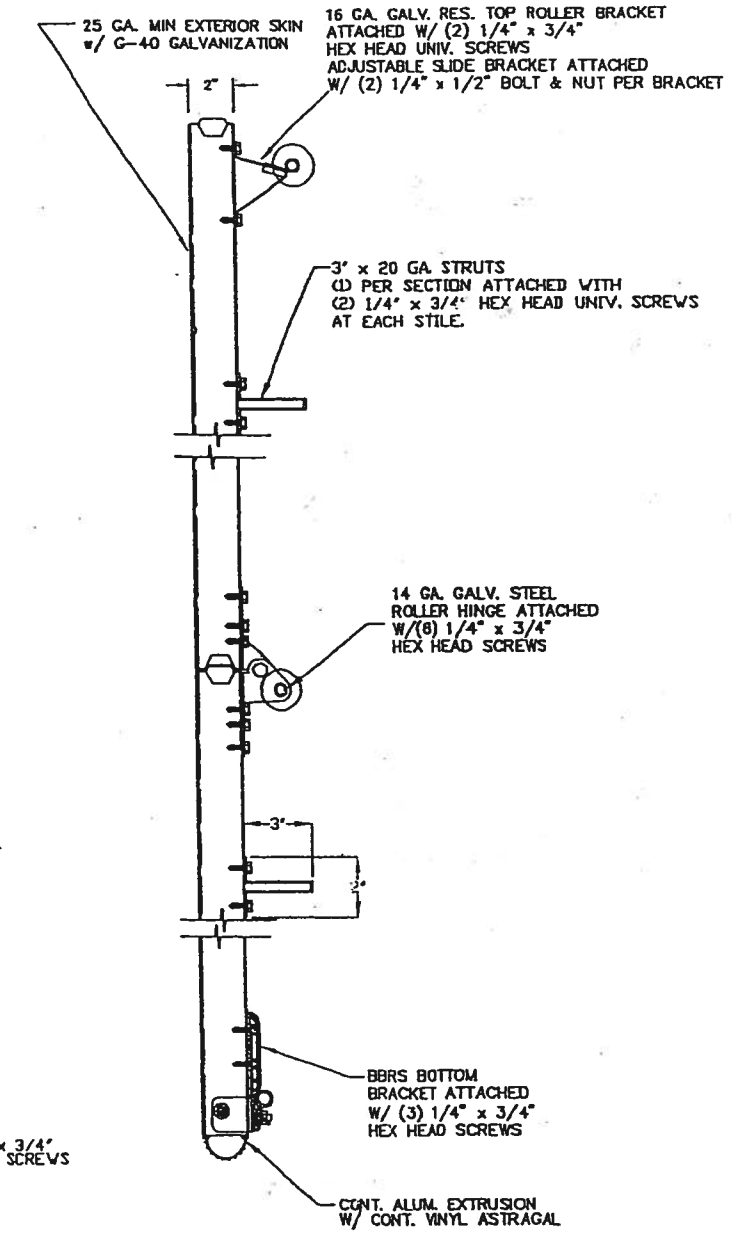
LEGAL ADDRESS: **COLUMBIA, FL**

MODEL:	REVISION:
CUSTOM	SCALE: NTS
DATE: 01/04/06	DRAWN BY: AM
JOB #: L144253	

MASTER 2



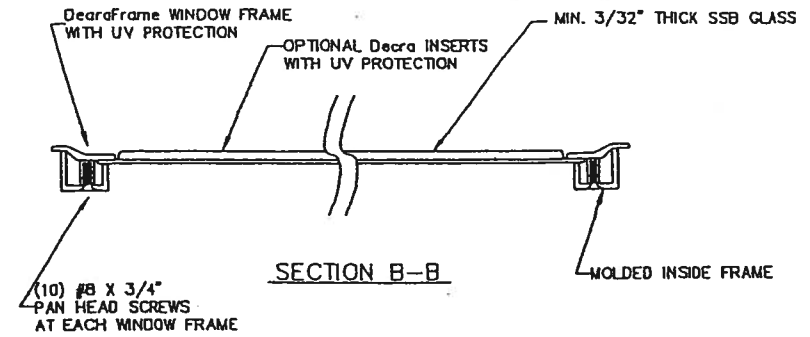
INSIDE ELEVATION



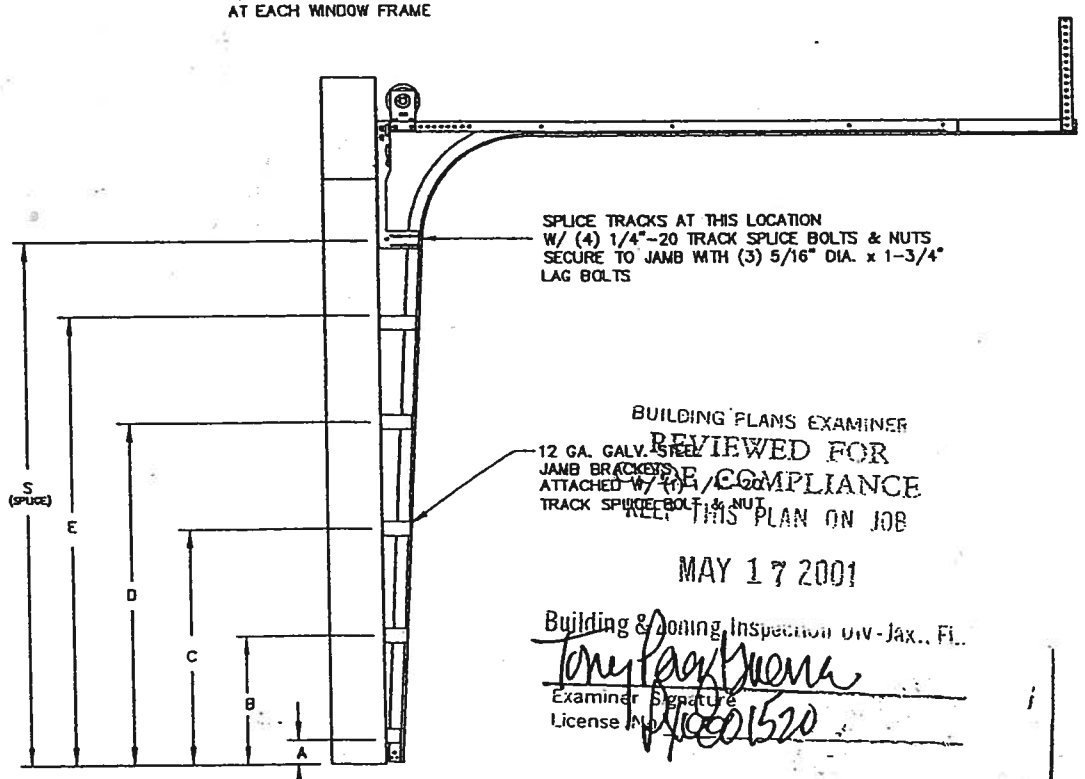
SECTION A–A (SIDE VIEW)

GLAZING OPTION CROSS SECTION

TEST No. SBC-580-011 ON OCTOBER 12, 1995 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE +48.4 PSF AND -54.7 PSF. BY COMPARISION, FOUR (4) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 9' X 7' AND 9' X 8' MODEL 600 AND 950 DOORS.

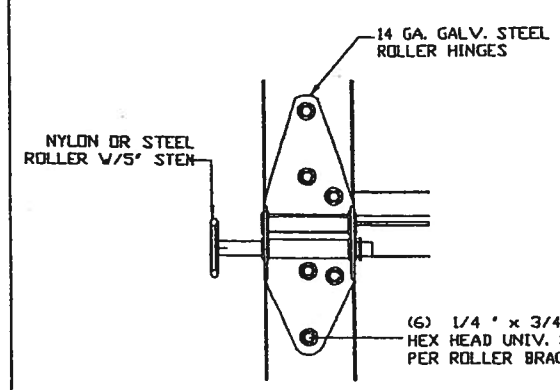


SECTION B–B

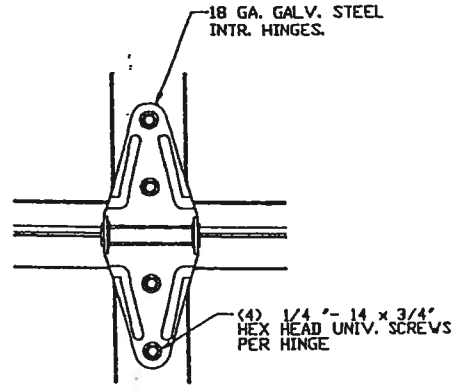


TRACK CONFIGURATION FOR 6'6" UP TO 8' TALL DOORS

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB
MAY 17 2001
Building & Zoning Inspection Div - Jax., Fl.
Examiner Signature
License No. 0021520



TYP. ROLLER BRACKET (S1 1) N.T.S.



TYP. HINGE CONNECTION (S1 2) N.T.S.

WOOD JAMB ATTACHMENT TO STRUCTURE

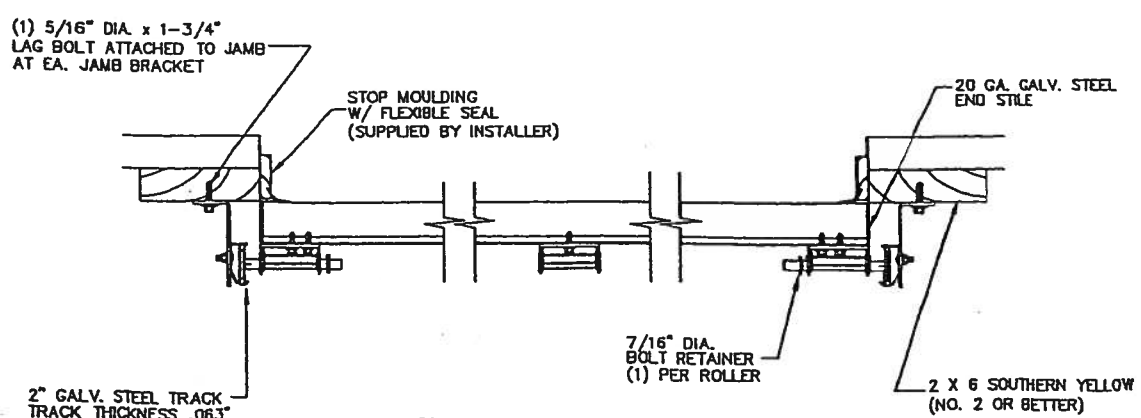
RATED FOR 110 MPH FASTEST-MILE BASIC WIND SPEEDS

VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C.
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET RED HEAD 3/8" X 3" STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET TAPCON 1/4" X 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C.

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS



TRACK MOUNTING DETAIL

JAMB BRACKET LOCATIONS

	A	B	C	D	E	S
6'-6"	4"	21-1/2"	39"	57"		70"
7'-0"	4"	21-1/2"	42"	63"		76"
7'-6"	4"	18"	36"	54"	72"	82"
8'-0"	4"	21-1/2"	39"	57"	75"	88"

SPECIFICATIONS AND NOTES

1. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
2. DOOR SECTIONS SHALL BE 25 GA. (.018") MIN. ROLL FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION.
3. DOORS UPTO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
4. DOORS UPTO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330-90, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING THE FOLLOWING PARAMETERS:
   A. BASIC WIND SPEED OF 110 MPH
   B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
   C. 15° MEAN ROOF HEIGHT AT ANY SLOPE
   D. USE FACTOR OF 1.0
   E. EXPOSURE RATING OF C

MAX SIZE 8' x 8'

DESIGN LOADS
+28.7 PSF
-31.3 PSF

TEST LOADS
+43.0 PSF
-46.9 PSF

REV	DESCRIPTION OF REVISIONS	DATE	BY

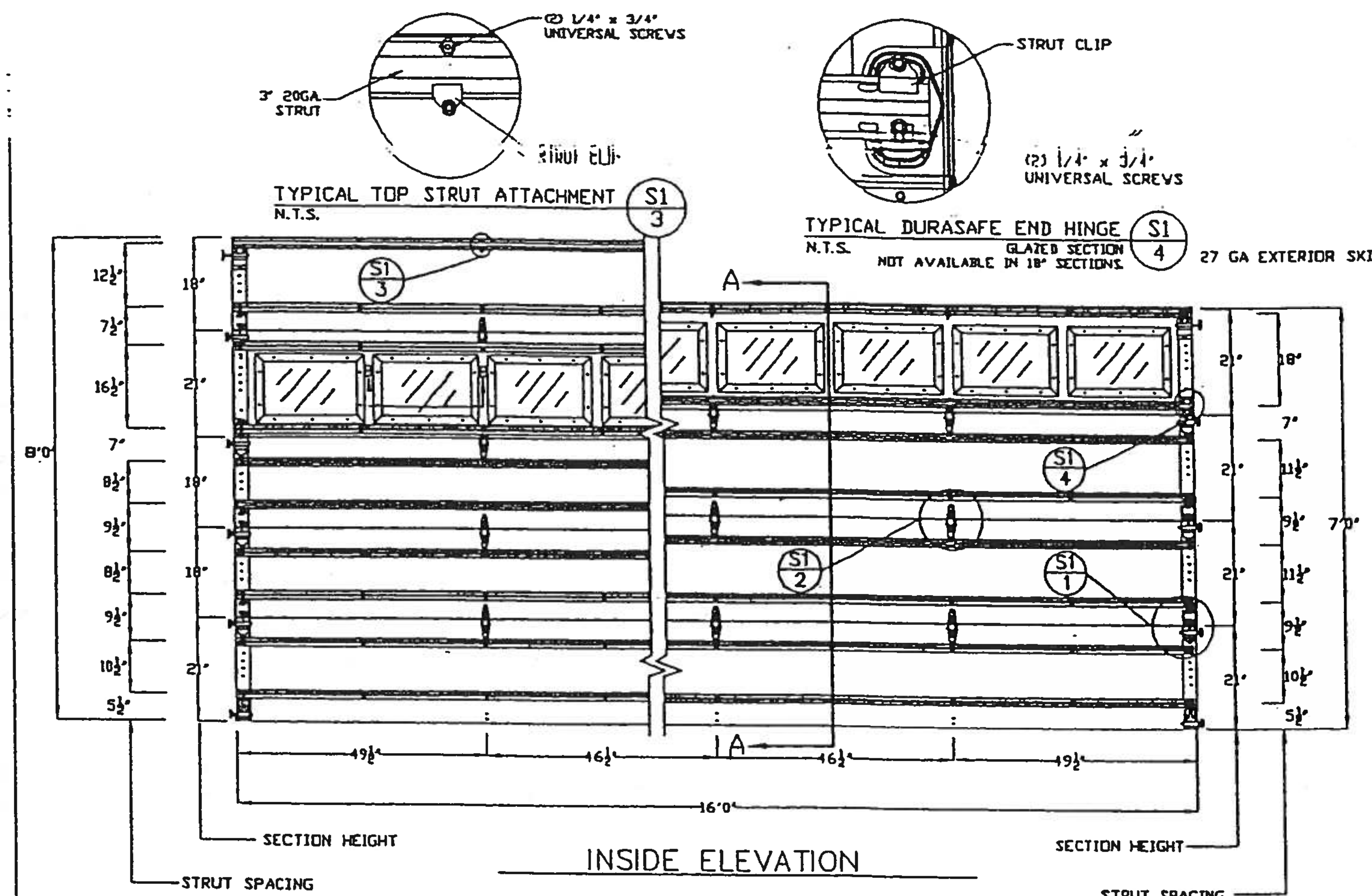
Amarr GARAGE DOORS
5926 GRANEY CREEK BLVD. WINSTON-SALEM, N.C. 27105

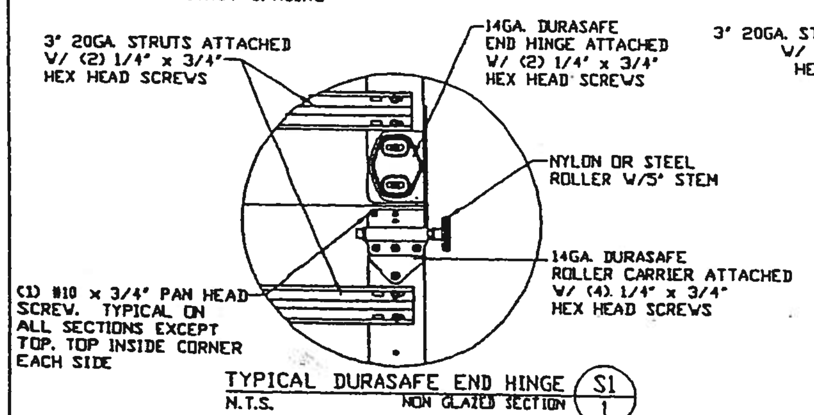
MODEL #300 STRATFORD
MODEL #950 HERITAGE III

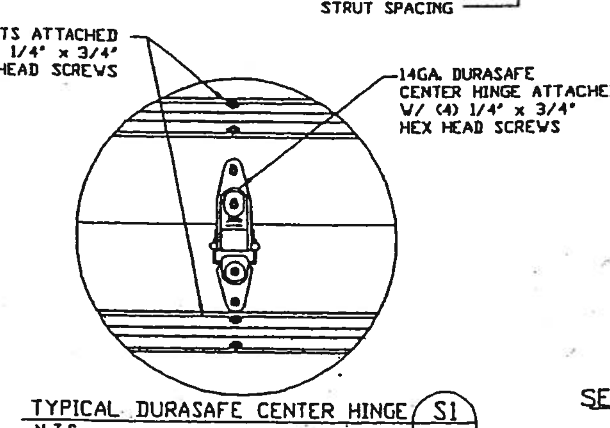
SIZE	DRAWN BY	DATE	DRAWING NUMBER
B	CHECKED BY	DATE	SBC-580-007-J
SCALE: NOT TO SCALE			SHEET 1 OF 1

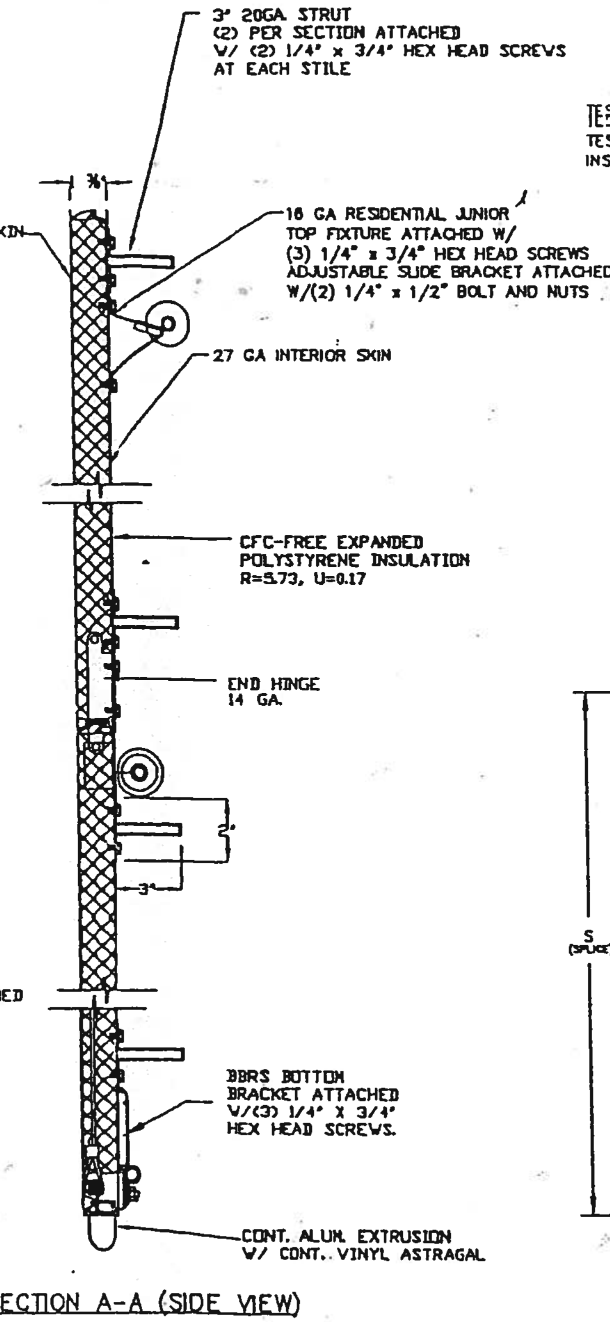
4/19/01

MASTER 1



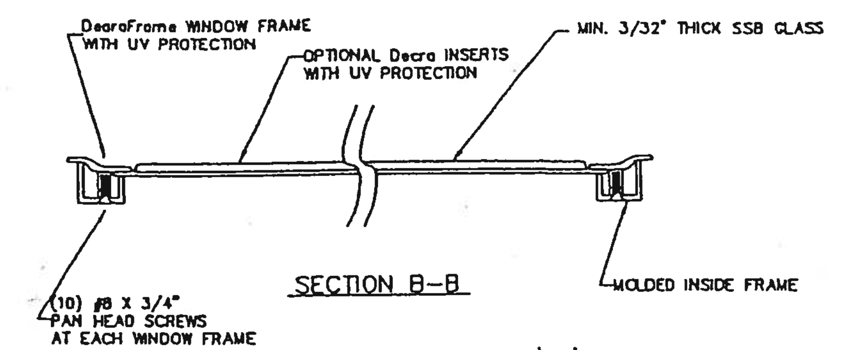


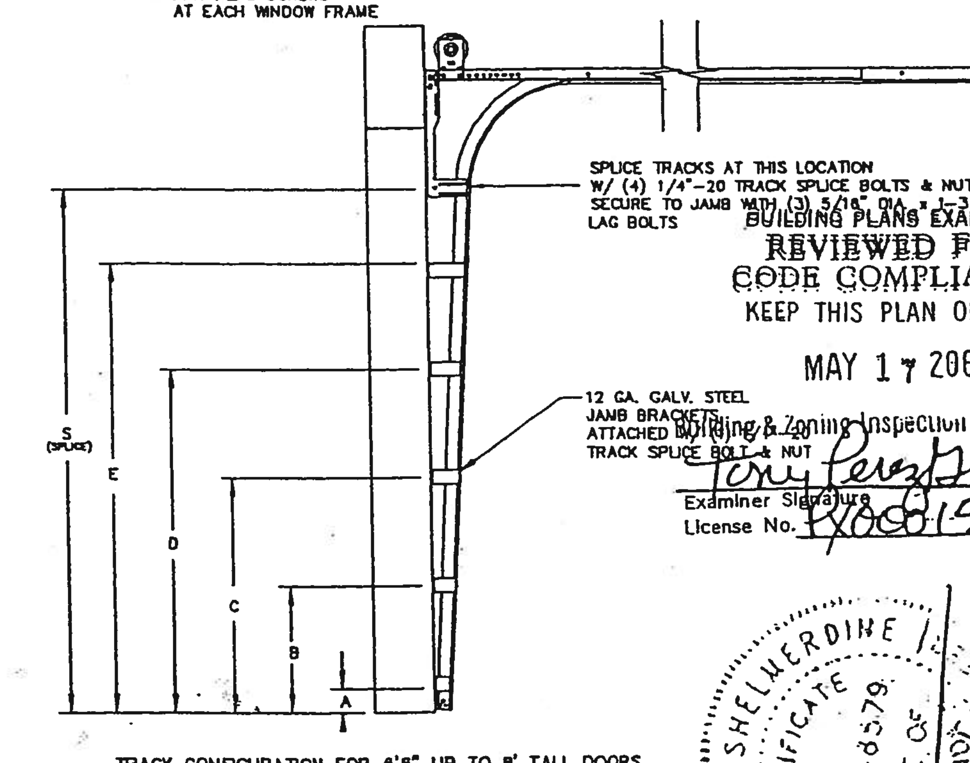




GLAZING OPTION CROSS SECTION

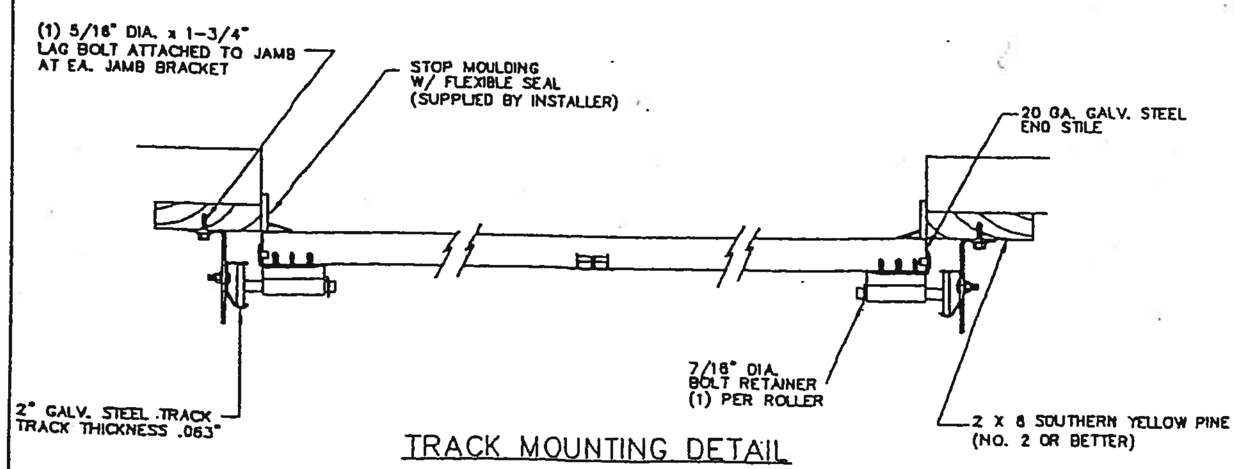
TEST No. SBC 580 020 ON MAY 31, 2000 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE +49.5 PSF AND -51.9 PSF. BY COMPARISION, EIGHT (8) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 16' X 7' AND 16' X 8' MODEL 1500-0 DOORS.





BUILDING PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB
MAY 17 2001
Building & Zoning Inspection Div.- Jax., FL.
Examiner Signature
License No. PX0001520

THOMAS L. SHELMERDINE CERTIFICATE NO. 48579 STATE OF FLORIDA



TRACK MOUNTING DETAIL

WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 110 MPH FASTEST-MILE BASIC WIND SPEEDS

VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C.
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET RED HEAD 3/8" X 3" STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET TAPCON 1/4" X 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" O.C.

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

JAMB BRACKET LOCATIONS

	A	B	C	D	E	S
6'-6'	4'	21-1/2"	39"	57"		70"
7'-0'	4'	21-1/2"	42"	63"		76"
7'-6'	4'	18-1/2"	36"	54"	72"	82"
8'-0'	4'	21-1/2"	39"	57"	75"	88"

SPECIFICATIONS AND NOTES

1. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
2. DOOR SECTIONS SHALL BE 27 GA. MIN. (.018") INTERIOR AND EXTERIOR ROLLED FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION
3. DOORS UPTO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
4. DOORS UPTO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330-90, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING THE FOLLOWING PARAMETERS:
   A. BASIC WIND SPEED OF 110 MPH
   B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
   C. 15' MEAN ROOF HEIGHT AT ANY SLOPE
   D. USE FACTOR OF 1.0
   E. EXPOSURE RATING OF C

MAX SIZE 16' x 8'
DESIGN LOADS +29.5 PSF -29.8 PSF
TEST LOADS +43.3 PSF -43.3 PSF

KEY	DESCRIPTION OF REVISIONS	DATE	BY

Amarr Garage Doors
MODEL #1500 WeatherGuard

SIZE	DRAWN BY	DJ	DATE 10/18/00	DRAWING NUMBER
B	CHECKED BY		DATE	SBC-580-019-J
SCALE: NOT TO SCALE				SHEET 1 OF 1