DATE 06/26/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000024667

APPLICANT CHARESE NORTON PHONE 386.752.3331

ADDRESS 3367 S US HWY 441 LAKE CITY FL 32025

OWNER NORTON HOME IMPROVEMENT CO., INC. PHONE 752.3331

ADDRESS 243 SW MOCKINGBIRD WAY LAKE CITY FL 32024

CONTRACTOR JAMES H.NORTON PHONE 752.3331

LOCATION OF PROPERTY 47-S TO C-242,TR TO MOCKINGBIRD LN,TL AND THE LOT IS @ THE END ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 101500.00

HEATED FLOOR AREA 2030.00 TOTAL AREA 2597.00 HEIGHT 20.30 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 25-4S-16-03121-006 SUBDIVISION PICCADILLY PARK SOUTH

LOT 5 BLOCK A PHASE UNIT TOTAL ACRES 0.56

000001130		RB0031780	Charese L. Norton	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X32'MITERED	06-0557-N	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 21860

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 $ 510.00 CERTIFICATION FEE $ 12.98 SURCHARGE FEE $ 12.98

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 $ 25.00 **TOTAL FEE** 635.96

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 # 0606-76 Date Received 6/21 By JW Permit # 11301 24667

Application Approved by - Zoning Official BLK Date 26.06.06 Plans Examiner OK JT Date 6-23-06

Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dev.

Comments

FAX 752-6427

Applicants Name Charese Norton / Norton Home Imp. Phone 386-752-3331

Address 33167 S. US. Hwy 441, Lake City, FL 32025

Owners Name Norton Home Improvement Co., Inc. Phone 386-752-3331

911 Address 243 SW Mockingbird Way, Lake City, FL 32024

Contractors Name James H. Norton Phone 386-752-3331

Address 33167 S US Hwy 441, Ste 101, Lake City, FL 32025

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Tim Delbane, 192 SW Sagewood Gln, Lake City, FL 32024 Mark Disoway, PO Box 868, Lake City, FL 32056

Mortgage Lenders Name & Address N/A

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

Property ID Number 25-4S-16-03121-006 Estimated Cost of Construction $120,000.00

Subdivision Name Picadilly Park South Lot 5 Block A Unit - Phase -

Driving Directions SR 47 South, TR on CR 242, TL on Mockingbird lane, lot at end on left.

Type of Construction SFD, new home Number of Existing Dwellings on Property 0

Total Acreage .569 Lot Size _____ Do you need a (Culvert Permit) or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 60' Side 80' Side 64' Rear 57'

Total Building Height 20'3" Number of Stories 1 Heated Floor Area 2030 Roof Pitch 6/12

Porch 567 TOTAL 2597

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.

James H. Norton

Owner Builder or Agent (Including Contractor)

James H Norton

Contractor Signature

Contractors License Number RB0031780

Competency Card Number 5553

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

Patricia T Peeler
My Commission DD129866
Expires September 05, 2006

Sworn to (or affirmed) and subscribed before me this 21 day of June 2006

Personally known ✓ or Produced Identification _____

Patricia T. Peeler

Notary Signature

- 7860.

- JW called Charese: 6.26.06

Columbia County Property Appraiser

DB Last Updated: 6/19/2006

2006 Proposed Values

Parcel: 25-4S-16-03121-006

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	NORTON HOME IMP CO INC
Site Address	
Mailing Address	3367 S US HWY 441 SUITE 101 LAKE CITY, FL 32025
Description	LOT 5 BLOCK A PICCADILLY PARK SOUTH S/D.

Use Desc. (code)	VACANT (000000)
Neighborhood	25416.02
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.569 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$14,350.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$14,350.00

Just Value	$14,350.00
Class Value	$0.00
Assessed Value	$14,350.00
Exempt Value	$0.00
Total Taxable Value	$14,350.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

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)
NONE						

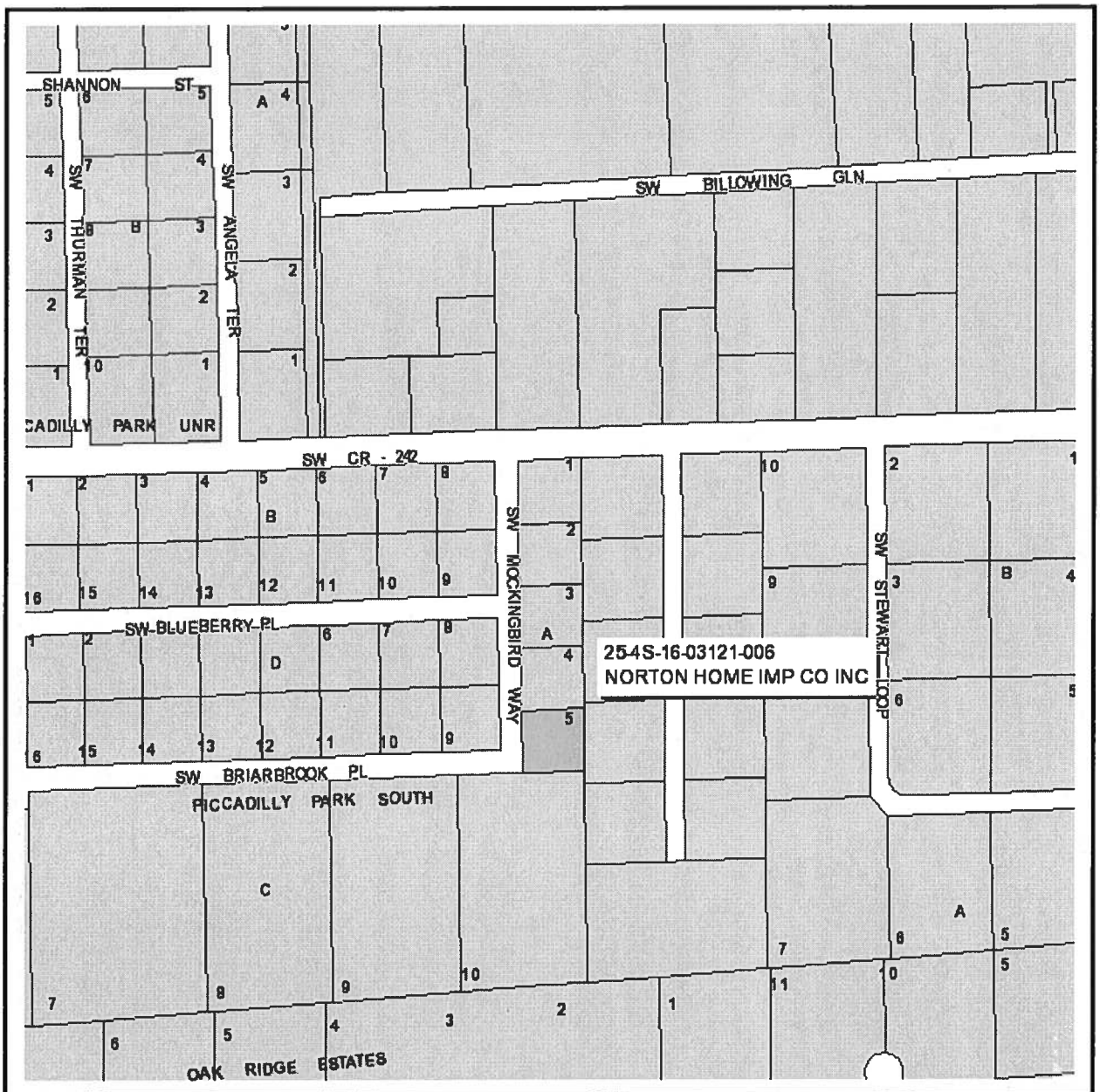
Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.569AC)	1.00/1.00/1.00/.70	$14,350.00	$14,350.00

Columbia County Property Appraiser DB Last Updated: 6/19/2006

1 of 1

Disclaimer

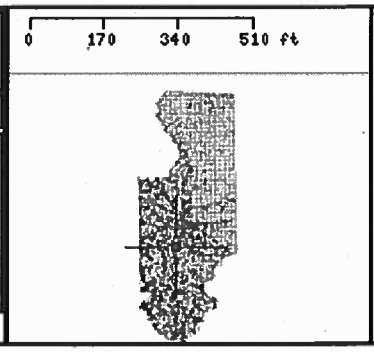


Columbia County Property Appraiser

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

PARCEL: 25-4S-16-03121-006 - VACANT (000000)

Name:	NORTON HOME IMP CO INC	LandVal	$14,350.00
Site:		BldgVal	$0.00
	3367 S US HWY 441	ApprVal	$14,350.00
Mail:	SUITE 101	JustVal	$14,350.00
	LAKE CITY, FL 32025	Assd	$14,350.00
Sales Info		Exmpt	$0.00
		Taxable	$14,350.00

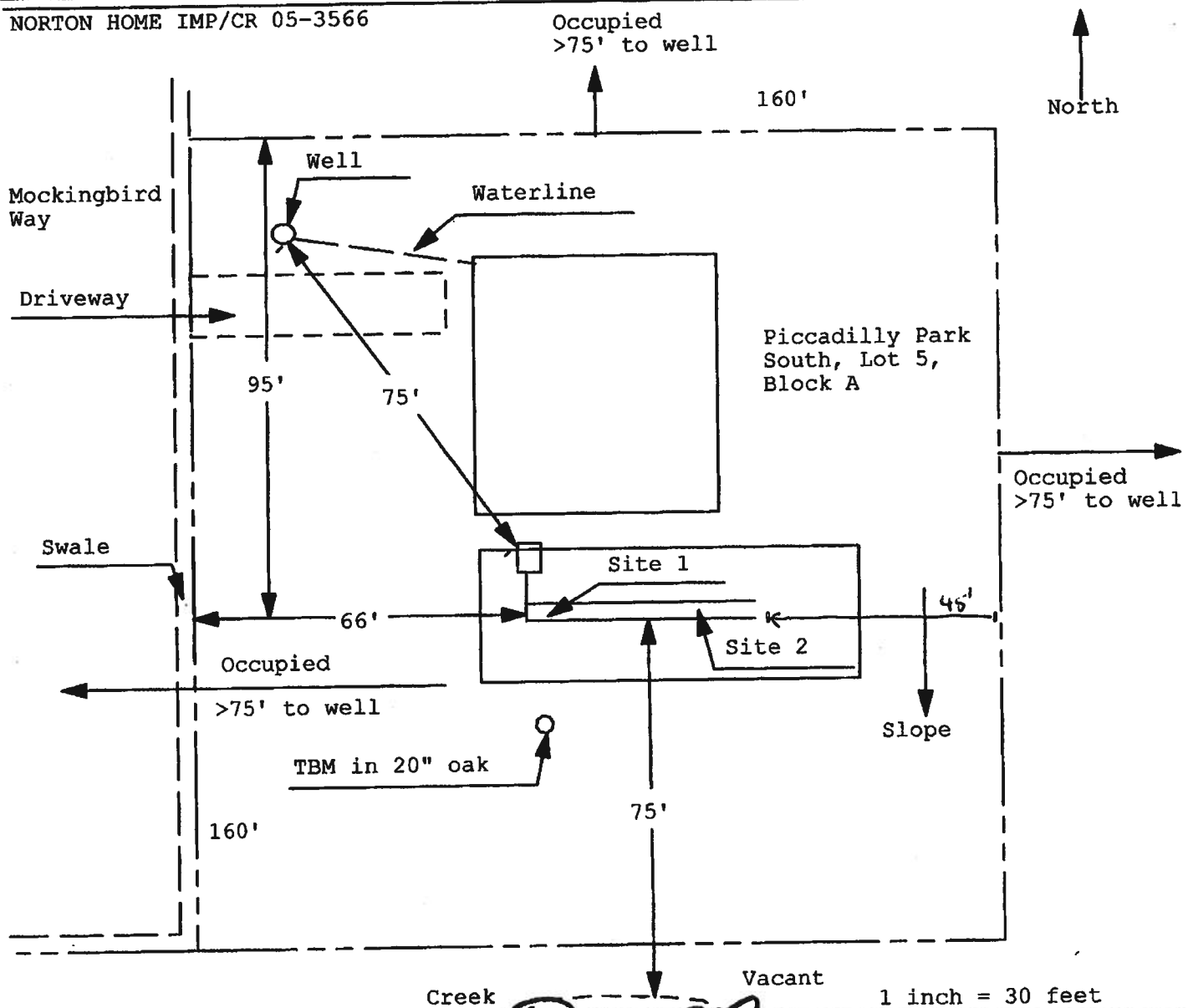


This information, GIS Map Updated: 6/19/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market 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.

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

Permit Application Number: 06-0557N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul Lee **Date** 6/8/06

Plan Approved ✓ **Not Approved** ____ **Date** 6/13/06

By Mark S Zander Columbia **CPHU**

Notes: ____

COLUMBIA COUNTY, FLORIDA

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 25-4S-16-03121-006 (Re-Recorded To Correct NOC - Tax Parcel ID)

1. **Description of property: (legal description of the property and street address or 911 address)**
   243 SW Mockingbird Way, Lake City, FL 32024
2. **General description of improvement:** New Home Construction, Single Family Dwelling
3. **Owner Name & Address** Norton Home Improvement Co., Inc. 3367 S US hwy 441, Suite 101, Lake City, FL 32025 **Interest in Property** Own
4. **Name & Address of Fee Simple Owner (if other than owner):** NA
5. **Contractor Name** James H. Norton **Phone Number** 386-752-3331
   Address 3367 S US Hwy 441, Suite 101, Lake City, FL 32025
6. **Surety Holders Name** NA **Phone Number** NA
   Address NA
   Amount of Bond NA
7. **Lender Name** NA
   Address

Inst:2006015143 Date:06/23/2006 Time:10:36
DC,P.DeWitt Cason,Columbia County B:1087 P:2159

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 receive a copy of the Lienor's Notice as provided in Section 713.13 (1) –**
   (a) 7. Phone Number of the designee _____
10. **Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)** _____

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.

Shannon Lee
Signature of Owner

Sworn to (or affirmed) and subscribed before day of June 23, 2006

NOTARY STAMP/SEAL

Patricia T Peeler
My Commission DD129966
Expires September 05, 2006

Patricia T Peeler
Signature of Notary

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 6/6/2006 **DATE ISSUED:** 6/7/2006

ENHANCED 9-1-1 ADDRESS:

243 SW MOCKINGBIRD WAY

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

25-4S-16-03121-006

Remarks:

LOT 5 BLOCK A PICCADILLY PARK SOUTH 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.

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COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave
Lake City, FL. 32025
Phone 386-752-6677
Fax 386-752-1477

Building Permit #_____ Owner's Name: Norton - Picadilly Park South

Well Depth_____ Ft. Casing Depth _____Ft. Water Level _____Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Aermotor Pump Model S20-100 HP 1

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

Pumping System GPM at average pressure and pumping level 20(GPM)

Tank Installation: Bladder /Galvanized Make Challenger

Model PC 244 Size 81 gallon

Tank Draw-down per cycle at system pressure 25.1 gallons

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

Linda Newcomb
Signature

Linda Newcomb
Print Name

2609
License Number

6/21/06
Date

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Wrye Residence**	Builder:	Jim Norton
Address:	Lot: B, Sub: RUMPH ACRES, Plat: Unrecorded	Permitting Office:	Columbia County
City, State:	Lake City, FL 32055-	Permit Number:	
Owner:	Tina & Buddy Wrye	Jurisdiction Number:	~~121000~~ 22000
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)		2030 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	223.0 ft²	
b. Default tint	0.0 ft²	0.0 ft²	
c. Labeled U or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 213.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1433.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 2030.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 20.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 35.0 kBtu/hr	
	SEER: 14.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 35.0 kBtu/hr	
	HSPF: 7.90	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 30.0 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)	PT, CF,	

Glass/Floor Area: 0.11

Total as-built points: 22181
Total base points: 29325

PASS

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

PREPARED BY: Tim Delbene

DATE: 2/9/06

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: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: B, Sub: RUMPH ACRES, Plat: Unrecorded, Lake City, FL, 32055** 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	2030.0	20.04	7322.6	Double, Clear	N	2.0	7.0	45.0	19.20	0.92	796.8	
				Double, Clear	S	2.0	5.0	18.0	35.87	0.72	467.1	
				Double, Clear	E	9.0	7.0	60.0	42.06	0.46	1158.0	
				Double, Clear	E	2.0	7.0	30.0	42.06	0.89	1117.9	
				Double, Clear	E	2.0	7.0	16.0	42.06	0.89	596.2	
				Double, Clear	W	10.0	7.0	45.0	38.52	0.46	792.3	
				Double, Clear	W	10.0	5.0	9.0	38.52	0.41	141.9	
				As-Built Total:				**223.0**			**5070.2**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	1433.0	1.50	2149.5
Exterior	1433.0	1.70	2436.1					
Base Total:	**1433.0**		**2436.1**	**As-Built Total:**		**1433.0**		**2149.5**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	0.0	0.00	0.0	Exterior Insulated	21.0	4.10	86.1
Exterior	63.0	6.10	384.3	Exterior Insulated	21.0	4.10	86.1
				Exterior Insulated	21.0	4.10	86.1
Base Total:	**63.0**		**384.3**	**As-Built Total:**	**63.0**		**258.3**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	2030.0	1.73	3511.9	Under Attic	30.0	2030.0	1.73 X 1.00	3511.9
Base Total:	**2030.0**		**3511.9**	**As-Built Total:**		**2030.0**		**3511.9**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	213.0(p)	-37.0	-7881.0	Slab-On-Grade Edge Insulation	0.0	213.0(p	-41.20	-8775.6
Raised	0.0	0.00	0.0					
Base Total:			**-7881.0**	**As-Built Total:**		**213.0**		**-8775.6**

INFILTRATION	Area X	BSPM	= Points		Area X	SPM	= Points
	2030.0	10.21	20726.3		2030.0	10.21	20726.3

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: B, Sub: RUMPH ACRES, Plat: Unrecorded, Lake City, FL, 32055** PERMIT #:

BASE			AS-BUILT						
Summer Base Points:		**26500.2**	**Summer As-Built Points:**						**22940.6**
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
26500.2	**0.4266**	**11305.0**	22940.6 **22940.6**	1.000 **1.00**	(1.090 x 1.147 x 0.91) **1.138**	0.244 **0.244**	0.902 **0.902**	5742.4 **5742.4**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: B, Sub: RUMPH ACRES, Plat: Unrecorded, Lake City, FL, 32055** 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	2030.0	12.74	4655.2	Double, Clear	N	2.0	7.0	45.0	24.58	1.00	1109.7	
				Double, Clear	S	2.0	5.0	18.0	13.30	1.40	335.2	
				Double, Clear	E	9.0	7.0	60.0	18.79	1.35	1526.5	
				Double, Clear	E	2.0	7.0	30.0	18.79	1.05	589.4	
				Double, Clear	E	2.0	7.0	16.0	18.79	1.05	314.4	
				Double, Clear	W	10.0	7.0	45.0	20.73	1.20	1119.7	
				Double, Clear	W	10.0	5.0	9.0	20.73	1.22	228.0	
				As-Built Total:				**223.0**			**5222.8**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1433.0	3.40		4872.2	
Exterior	1433.0	3.70	5302.1									
Base Total:	**1433.0**		**5302.1**	**As-Built Total:**				**1433.0**			**4872.2**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				21.0	8.40		176.4	
Exterior	63.0	12.30	774.9	Exterior Insulated				21.0	8.40		176.4	
				Exterior Insulated				21.0	8.40		176.4	
Base Total:	**63.0**		**774.9**	**As-Built Total:**				**63.0**			**529.2**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	2030.0	2.05	4161.5	Under Attic			30.0	2030.0	2.05 X	1.00	4161.5	
Base Total:	**2030.0**		**4161.5**	**As-Built Total:**				**2030.0**			**4161.5**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	213.0(p)	8.9	1895.7	Slab-On-Grade Edge Insulation			0.0	213.0(p	18.80		4004.4	
Raised	0.0	0.00	0.0									
Base Total:			**1895.7**	**As-Built Total:**				**213.0**			**4004.4**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	2030.0	-0.59	-1197.7					2030.0	-0.59		-1197.7	

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: B, Sub: RUMPH ACRES, Plat: Unrecorded, Lake City, FL, 32055** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**15591.7**	**Winter As-Built Points:**					**17592.4**
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
15591.7	**0.6274**	**9782.2**	17592.4 **17592.4**	1.000 **1.00**	(1.069 x 1.169 x 0.93) **1.162**	0.432 **0.432**	0.950 **0.950**	8384.0 **8384.0**

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: B, Sub: RUMPH ACRES, Plat: Unrecorded, Lake City, FL, 32055** 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	30.0	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
11305	**9782**	**8238**	**29325**	**5742**	**8384**	**8055**	**22181**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

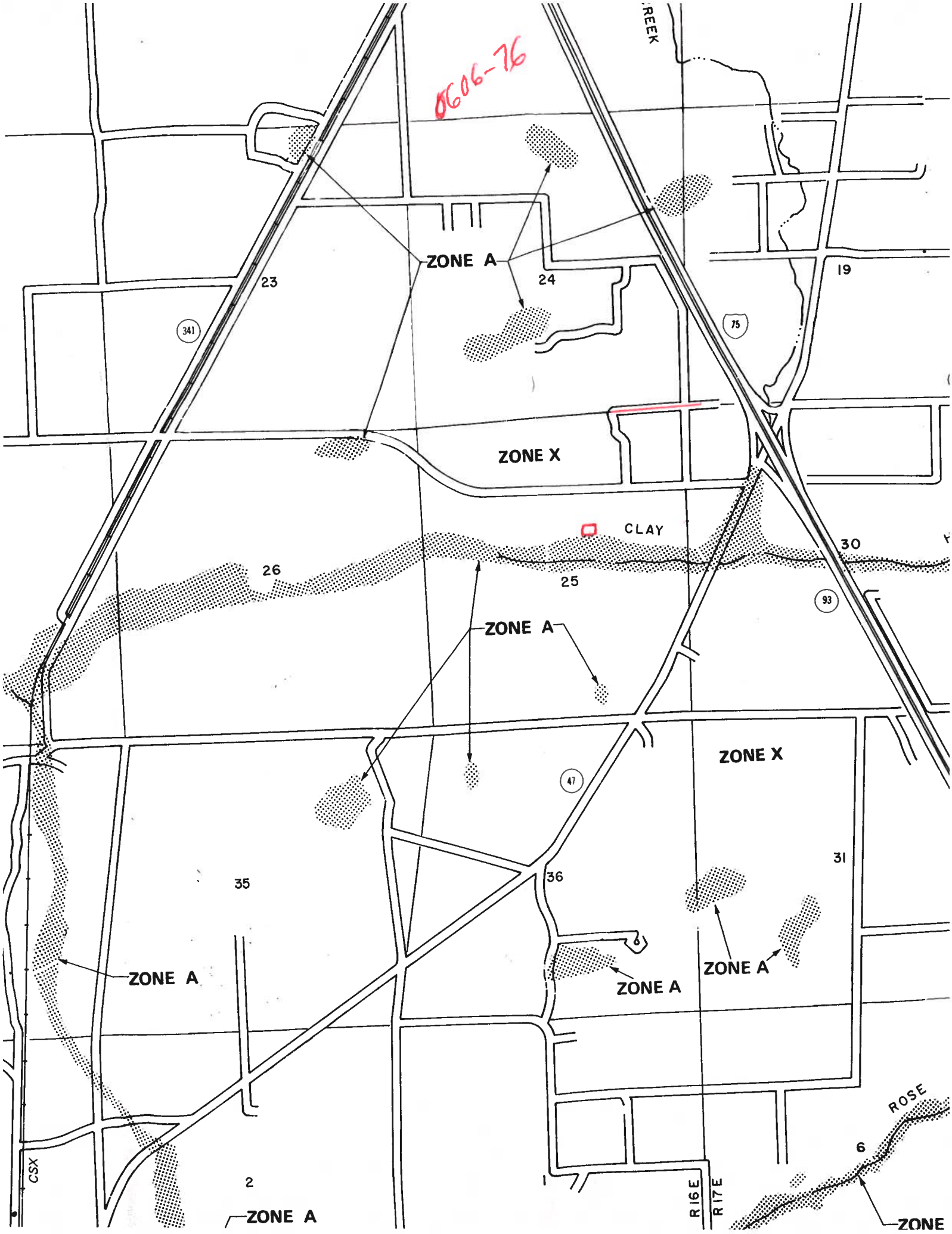
ADDRESS: **Lot: B, Sub: RUMPH ACRES, Plat: Unrecorded, Lake City, FL, 32055** PERMIT #:

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.	N/A
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%.	N/A
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.	✓


0606-76
ZONE A
ZONE X
CLAY
ZONE A
ZONE X
ZONE A
ZONE A
ZONE A
ZONE A
ZONE
23
24
19
26
25
30
35
36
31
2
1
6
341
75
93
47
CSX
R16E
R17E
ROSE

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001130

DATE 06/26/2006 PARCEL ID # 25-4S-16-03121-006

APPLICANT CHARESE NORTON PHONE 386.752.3331

ADDRESS 3367 S US HWY 441 LAKE CITY FL 32025

OWNER NORTON HOME IMPROVEMENT CO., INC. PHONE 752.3331

ADDRESS 243 SW MOCKINGBIRD WAY LAKE CITY FL 32024

CONTRACTOR JAMES H.NORTON PHONE 752.3331

LOCATION OF PROPERTY 47-S TO C-242,TR TO MOCKINGBIRD LN,TL AND THE LOT IS @ THE END ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PICCADILLY PARK SOUH 5 A

SIGNATURE Charese L. Norton

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

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

Reference to a building permit application Number: 0606-76

Contractor: Norton Home Imp. Owner: Norton Home Imp. Lot 5 Block A of Picadilly Park South

On the date of June 23, 2006 application 0606-76 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 0606-76 when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

To help ensure compliance with the Florida Residential Code 2004 the comments below need to be addressed on the plans.

1. The electrical plan shows the location of the electrical service, Please indicate on the electrical plan that an overcurrent protection device will be

installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

2. The Columbia County property appraiser ID# 25-4S-16-03121-003 submitted on the building permit application 0606-76 was the incorrect ID# for the property described as Lot 5 Block "A" of Piccadilly Park South the correct ID# is 25-4S-16-03121-006. Please submit the corrected notice of commencement recorded (with the Columbia County Clerk Office) before any inspections can be preformed by the Columbia County Building Department. Also resubmit a corrected signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system for parcel ID# 25-4S-16-03121-006. .

Joe Haltiwanger

Plan Examiner
Columbia County Building Department

Wrye Res

Project Information for:	L151378-1		
Builder:	NORTON	Date:	6/9/2006
Lot:	N/A	Start Number:	**1635**
Subdivision:	243 SW MOCKINGBIRD WAY		
County or City:	COLUMBIA COUNTY		
Truss Page Count:	11		

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)

NORTON, JAMES H. RB 0031780
Address: RT 28 BOX 388A
HIGH SPRINGS, FL. 32643 Designer: **104**

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	T02	0609061635	6/9/2006				
2	T02A	0609061636	6/9/2006				
3	T02G	0609061637	6/9/2006				
4	T03	0609061638	6/9/2006				
5	T03G	0609061639	6/9/2006				
6	T04	0609061640	6/9/2006				
7	T04G	0609061641	6/9/2006				
8	T04P	0609061642	6/9/2006				
9	T05	0609061643	6/9/2006				
10	T05G	0609061644	6/9/2006				
11	T05V	0609061645	6/9/2006				

JUN 09 2006

01:57:03 PM 10/6/2004

Licensee Details

Licensee Information

Name:	**NORTON, JAMES H** (Primary Name) **NORTON HOME IMPROVEMENT COMPANY INC** (DBA Name)
Main Address:	**RT 28 BOX 388A** **LAKE CITY, Florida 32025**
Lic. Location:	**RT 28 BOX 388A** **LAKE CITY, FL 32025** **Columbia**

License Information

License Type:	**Registered Building Contractor**
Rank:	**Reg Building**
License Number:	**RB0031780**
Status:	**Current, Active**
Licensure Date:	**02/16/1978**
Expires:	**08/31/2005**

Special Qualifications	Effective Date
Bldg Code Core Course Credit	
Qualified Business License Required	02/20/2004

View Related License Information

View License Complaint

New Search Back

JUNE 09, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB [illegible]
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

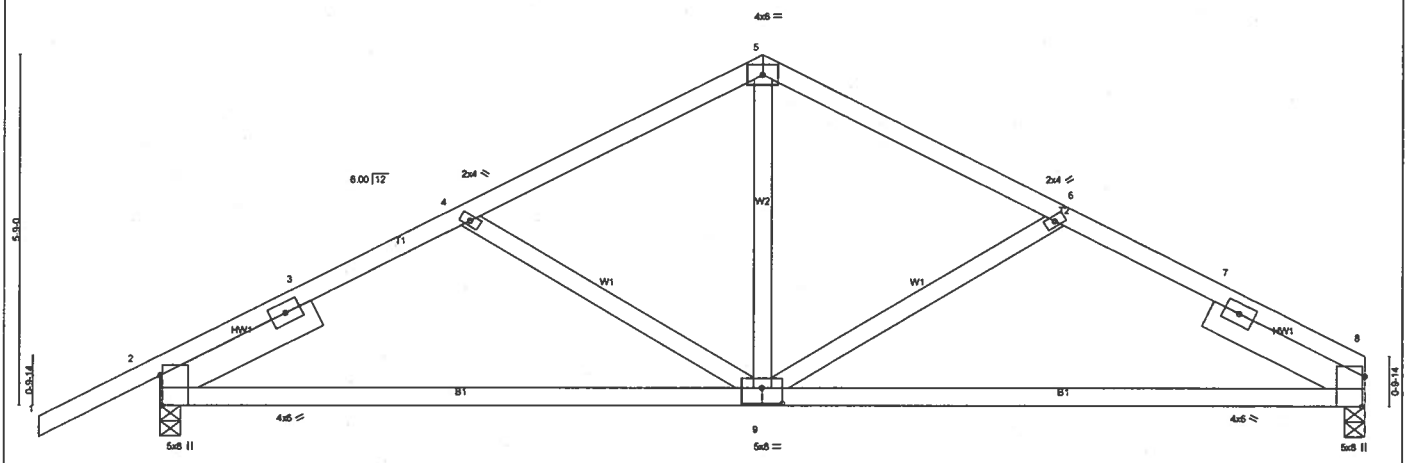
Dwg.#0609061635

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T02	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:55:57 2006 Page 1

-2-0-0 | 5-0-15 | 9-10-5 | 14-7-11 | 19-8-10
2-0-0 | 5-0-15 | 4-9-7 | 4-9-6 | 5-0-14

Scale = 1:36.0



9-10-5 | 19-8-10
9-10-5 | 9-10-5

Plate Offsets (X,Y): [2:0-5-15,Edge], [8:0-5-15,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	0.22	Vert(LL)	-0.13	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.23	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.16	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 103 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
SLIDER Left 2 X 6 SYP No.1D 2-10-2, Right 2 X 6 SYP No.1D 2-10-2

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

REACTIONS (lb/size) 8=823/0-4-0, 2=942/0-4-0
Max Horz 2=108(load case 5)
Max Uplift8=-266(load case 6), 2=-386(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-1193/525, 3-4=-1122/541, 4-5=-956/452, 5-6=-958/454, 6-7=-1087/562, 7-8=-1204/547
BOT CHORD 2-9=-360/976, 8-9=-391/997
WEBS 4-9=-233/201, 5-9=-164/510, 6-9=-258/236

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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 266 lb uplift at joint 8 and 386 lb uplift at joint 2.

LOAD CASE(S) Standard

JUNE 09, 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

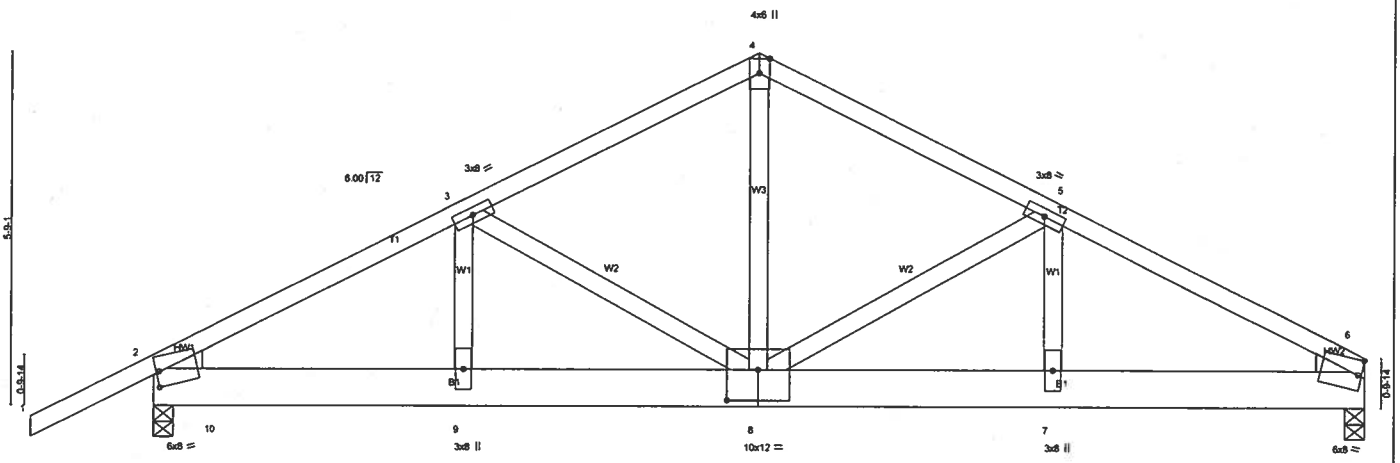
Dwg.#0609061636

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T02A	COMMON	1	3	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:55:58 2006 Page 1

-2-0-0	5-0-15	9-10-5	14-7-11	19-8-10
2-0-0	5-0-15	4-9-7	4-9-6	5-0-15

Scale = 1:35.8



5-0-15	9-10-5	14-7-11	19-8-10
5-0-15	4-9-7	4-9-6	5-0-15

Plate Offsets (X,Y): [2:0-0-10,0-3-0], [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	0.72	Vert(LL)	-0.13	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.20	8-9	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.85	Horz(TL)	0.05	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 387 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
WEDGE
Left: 2 X 4 SYP No.3, Right: 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) 6=8664/0-4-0, 2=8146/0-4-0
Max Horz 2=116(load case 4)
Max Uplift6=-3227(load case 5), 2=-3114(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/33, 2-3=-12912/4760, 3-4=-9292/3502, 4-5=-9293/3492, 5-6=-13022/4839
BOT CHORD 2-10=-4098/11078, 9-10=-4098/11078, 8-9=-4098/11078, 7-8=-4094/11176, 6-7=-4094/11176
WEBS 3-9=-1384/3870, 3-8=-3301/1296, 4-8=-2955/7962, 5-8=-3416/1368, 5-7=-1423/3961

NOTES
1) 3-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=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3227 lb uplift at joint 6 and 3114 lb uplift at joint 2.
6) Girder carries tie-in span(s): 41-0-0 from 1-0-0 to 19-8-10

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 2-10=-30, 6-10=-842(F=-812)

JUNE 09, 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.#0609061637

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T02G	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:55:59 2006 Page 1

-2-0-0 | 5-0-10 | 9-10-5 | 14-8-0 | 19-8-10 | 21-8-10
2-0-0 | 5-0-10 | 4-9-11 | 4-9-11 | 5-0-10 | 2-0-0

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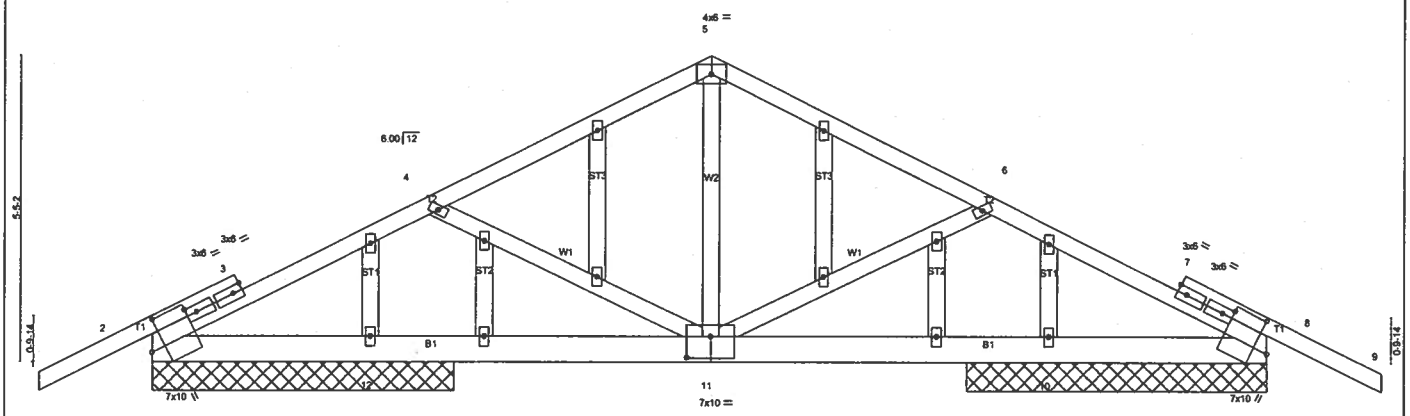

9-10-5 | 19-8-10
9-10-5 | 9-10-5

Plate Offsets (X,Y): [2:0-6-3,0-3-2], [3:0-2-4,0-1-8], [7:0-2-4,0-1-8], [8:0-6-3,0-3-2], [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	0.38	Vert(LL)	-0.07	11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.11	11	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.35	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 132 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
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-0-15 oc bracing.

REACTIONS (lb/size) 2=1219/5-4-0, 8=1219/5-4-0, 12=445/5-4-0, 10=445/5-4-0
Max Horz 2=-93(load case 6)
Max Uplift2=-550(load case 5), 8=-553(load case 6), 12=-88(load case 5), 10=-86(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-9/61, 2-3=-2026/1002, 3-4=-1903/986, 4-5=-1394/701, 5-6=-1394/701, 6-7=-1903/986, 7-8=-2026/1002, 8-9=-9/61
BOT CHORD 2-12=-770/1702, 11-12=-770/1702, 10-11=-770/1702, 8-10=-770/1702
WEBS 4-11=-655/447, 5-11=-263/561, 6-11=-655/447

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 550 lb uplift at joint 2, 553 lb uplift at joint 8, 88 lb uplift at joint 12 and 86 lb uplift at joint 10.
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: 1-5=-114(F=-60), 5-9=-114(F=-60), 2-8=-30

JUNE 09, 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.#0609061638

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T03	COMMON	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:00 2006 Page 1

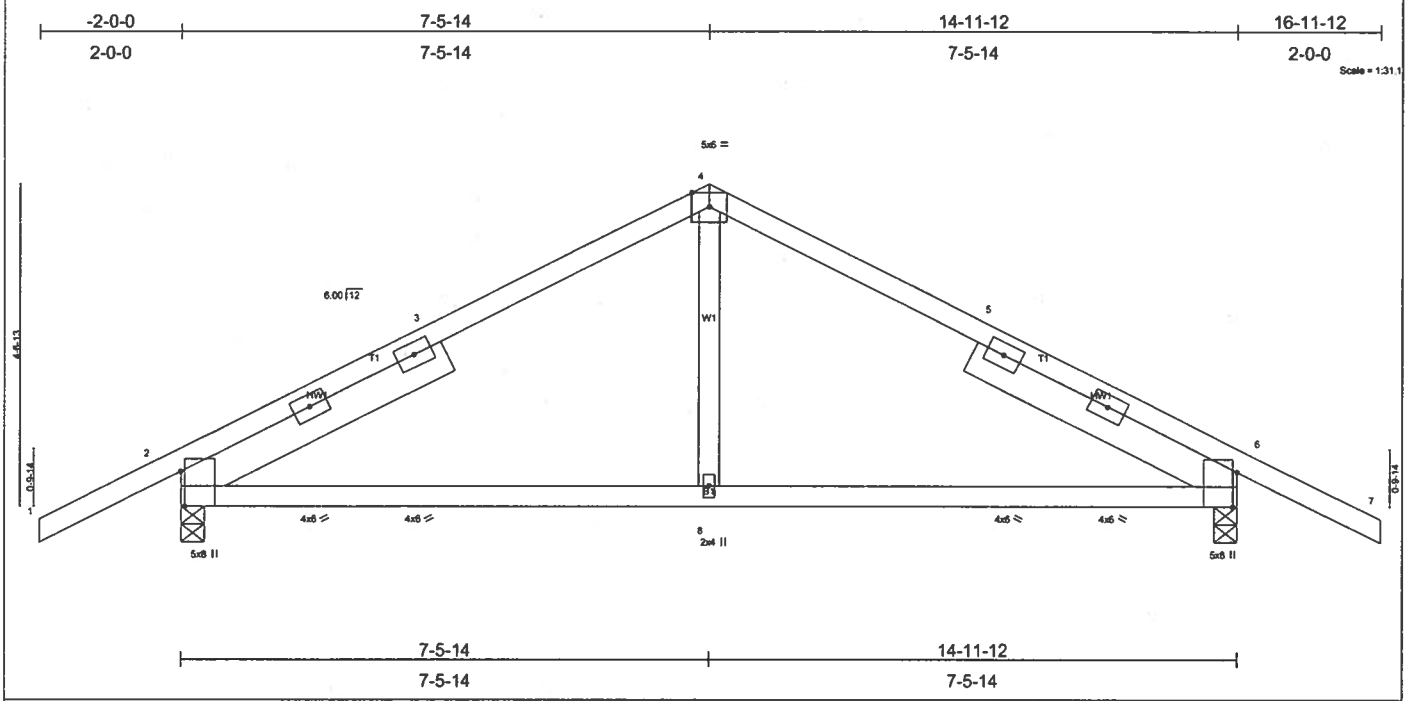

Plate Offsets (X,Y): [2:0-5-15,Edge], [6:0-5-15,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.08	6-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.11	6-8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.02	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 80 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
SLIDER Left 2 X 6 SYP No.1D 4-2-6, Right 2 X 6 SYP No.1D 4-2-6

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=737/0-4-0, 6=737/0-4-0
Max Horz 2=-79(load case 6)
Max Uplift2=-321(load case 5), 6=-321(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-782/326, 3-4=-688/342, 4-5=-688/342, 5-6=-781/326, 6-7=0/26
BOT CHORD 2-8=-122/616, 6-8=-122/616
WEBS 4-8=0/245

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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 321 lb uplift at joint 2 and 321 lb uplift at joint 6.

LOAD CASE(S) Standard

JUNE 09, 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.#0609061639

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T03G	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:00 2006 Page 1

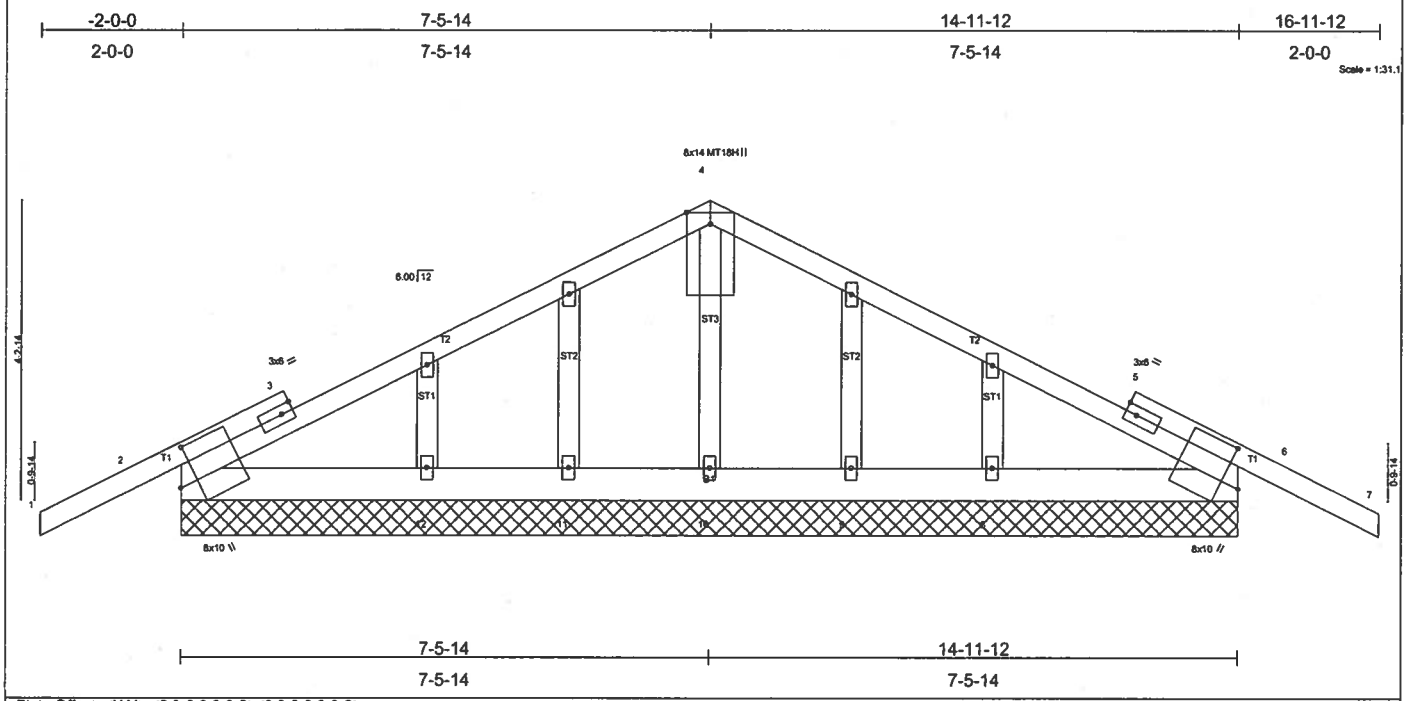

Plate Offsets (X,Y): [2:0-6-3,0-3-2], [6:0-6-3,0-3-2]

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)	0.04	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	0.06	7	n/r	90	MT18H	244/190
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 89 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
OTHERS 2 X 4 SYP No.3 *Except*
ST3 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-8-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=862/14-11-12, 6=862/14-11-12, 10=195/14-11-12, 11=-211/14-11-12, 12=573/14-11-12, 9=-211/14-11-12, 8=573/14-11-12
Max Horz 2=-76(load case 6)
Max Uplift2=-401(load case 5), 6=-401(load case 6), 10=-49(load case 5), 11=-217(load case 9), 12=-252(load case 5), 9=-217(load case 10), 8=-251(load case 6)
Max Grav 2=862(load case 1), 6=862(load case 1), 10=195(load case 1), 11=152(load case 5), 12=597(load case 9), 9=151(load case 6), 8=597(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-10/61, 2-3=-1141/623, 3-4=-952/599, 4-5=-952/599, 5-6=-1141/623, 6-7=-10/61
BOT CHORD 2-12=-383/852, 11-12=-383/852, 10-11=-383/852, 9-10=-383/852, 8-9=-383/852, 6-8=-383/852

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 4.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 401 lb uplift at joint 2, 401 lb uplift at joint 6, 49 lb uplift at joint 10, 217 lb uplift at joint 11, 252 lb uplift at joint 12, 217 lb uplift at joint 9 and 251 lb uplift at joint 8.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 6.
11) 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=-114(F=-60), 4-7=-114(F=-60), 2-6=-30

JUNE 09, 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.#0609061640

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T04	COMMON	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:01 2006 Page 1

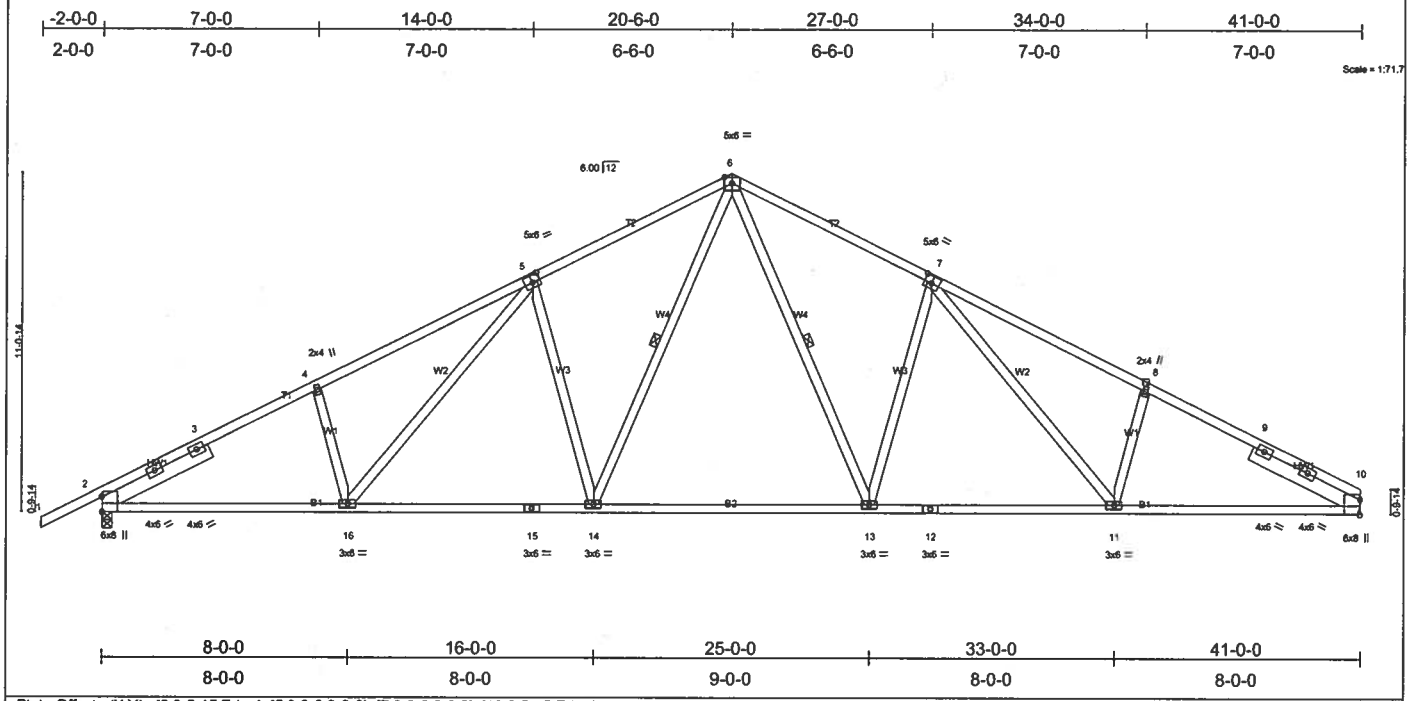

Plate Offsets (X,Y): [2:0-5-15,Edge], [5:0-3-0,0-3-0], [7:0-3-0,0-3-0], [10:0-5-15,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.84	Vert(LL)	-0.30	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.88	Vert(TL)	-0.50	13-14	>991	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.66	Horz(TL)	0.15	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 247 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
SLIDER Left 2 X 6 SYP No.1D 3-11-3, Right 2 X 6 SYP No.1D 3-11-3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-3-12 oc bracing.
WEBS 1 Row at midpt 6-14, 6-13

REACTIONS (lb/size) 2=1833/0-4-0, 10=1719/Mechanical
Max Horz 2=182(load case 5)
Max Uplift2=-674(load case 5), 10=-558(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-2948/1244, 3-4=-2851/1269, 4-5=-2784/1352, 5-6=-2304/1231, 6-7=-2307/1235, 7-8=-2822/1383, 8-9=-2869/1296, 9-10=-2965/1272
BOT CHORD 2-16=-979/2485, 15-16=-744/2135, 14-15=-744/2135, 13-14=-451/1640, 12-13=-750/2139, 11-12=-750/2139, 10-11=-1010/2506
WEBS 4-16=-202/272, 5-16=-266/528, 5-14=-606/475, 6-14=-444/921, 6-13=-453/927, 7-13=-612/485, 7-11=-298/549, 8-11=-216/293

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 674 lb uplift at joint 2 and 558 lb uplift at joint 10.

LOAD CASE(S) Standard

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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0609061641

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T04G	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:03 2006 Page 1

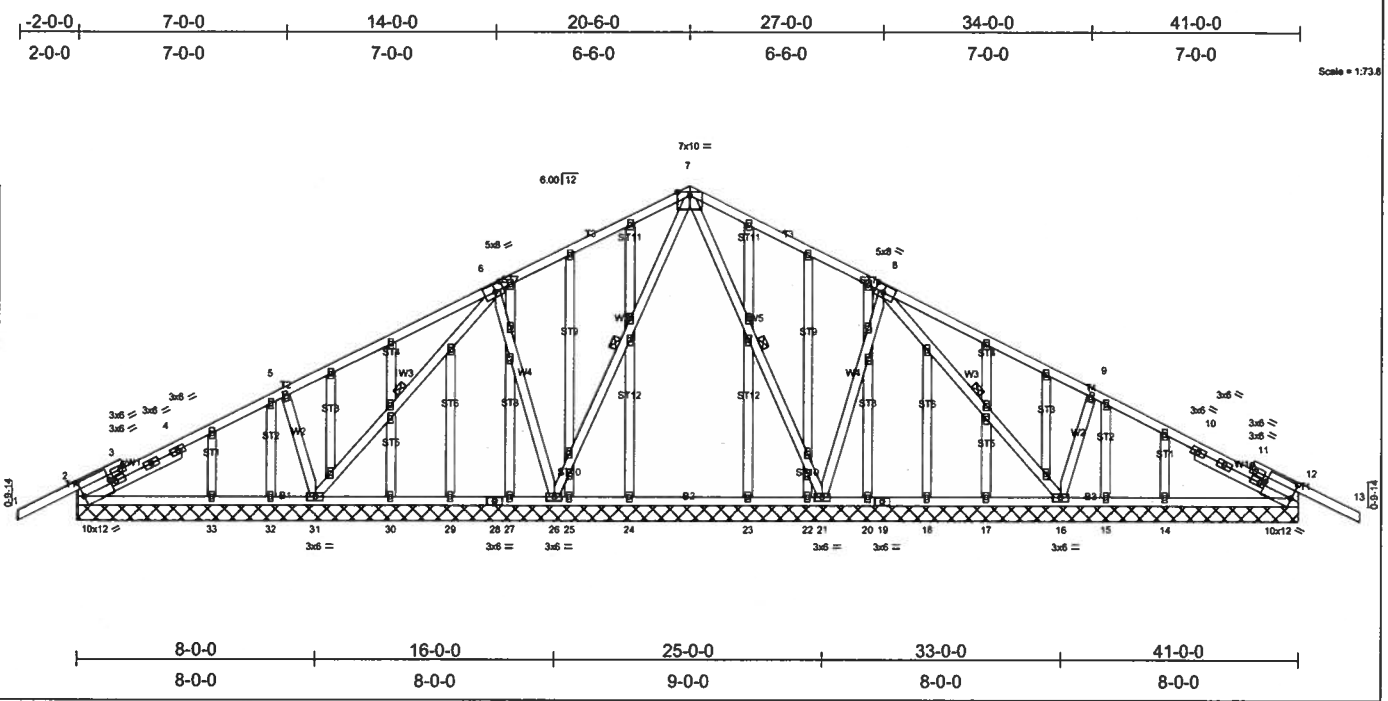


Plate Offsets (X,Y): [2:0-0-3,0-6-3], [4:0-2-0,0-1-8], [6:0-3-8,0-3-0], [8:0-3-8,0-3-0], [10:0-2-0,0-1-8], [12:0-0-3,0-6-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.67	Vert(LL)	0.02	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	0.03	13	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.55	Horz(TL)	0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 374 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 *Except*
W5 2 X 4 SYP No.1D, W5 2 X 4 SYP No.1D
OTHERS 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.
WEBS 1 Row at midpt 6-31, 7-26, 7-21, 8-16

REACTIONS (lb/size) 2=652/41-0-0, 31=937/41-0-0, 26=904/41-0-0, 21=904/41-0-0, 16=937/41-0-0, 12=652/41-0-0, 24=108/41-0-0, 25=9/41-0-0, 27=55/41-0-0, 29=59/41-0-0, 30=67/41-0-0, 32=-24/41-0-0, 33=185/41-0-0, 23=108/41-0-0, 22=9/41-0-0, 20=55/41-0-0, 18=59/41-0-0, 17=67/41-0-0, 15=-24/41-0-0, 14=185/41-0-0
Max Horz 2=-171(load case 6)
Max Uplift2=-294(load case 5), 31=-495(load case 5), 26=-446(load case 5), 21=-405(load case 6), 16=-503(load case 6), 12=-322(load case 6), 32=-24(load case 9), 33=-21(load case 6), 15=-24(load case 10), 14=-23(load case 6)
Max Grav 2=652(load case 9), 31=937(load case 9), 26=904(load case 1), 21=904(load case 1), 16=937(load case 10), 12=652(load case 10), 24=108(load case 9), 25=9(load case 10), 27=56(load case 10), 29=59(load case 9), 30=68(load case 10), 32=29(load case 5), 33=186(load case 9), 23=108(load case 10), 22=9(load case 9), 20=56(load case 9), 18=59(load case 10), 17=68(load case 9), 15=29(load case 6), 14=186(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-9/69, 2-3=-296/117, 3-4=-143/101, 4-5=-139/101, 5-6=-101/227, 6-7=-122/287, 7-8=-122/287, 8-9=-101/227, 9-10=-139/46, 10-11=-143/47, 11-12=-296/67, 12-13=-9/69
BOT CHORD 2-33=-27/153, 32-33=-27/151, 31-32=-27/151, 30-31=0/171, 29-30=0/171, 28-29=0/171, 27-28=0/171, 26-27=0/171, 25-26=0/222, 24-25=0/222, 23-24=0/222, 22-23=0/222, 21-22=0/222, 20-21=0/145, 19-20=0/145, 18-19=0/145, 17-18=0/145, 16-17=0/145, 15-16=0/128, 14-15=0/128, 12-14=0/128
WEBS 5-31=-678/488, 6-31=-265/144, 6-26=-552/422, 7-26=-378/91, 7-21=-378/99, 8-21=-552/422, 8-16=-265/144, 9-16=-678/488

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 294 lb uplift at joint 2, 495 lb uplift at joint 31, 446 lb uplift at joint 26, 405 lb uplift at joint 21, 503 lb uplift at joint 16, 322 lb uplift at joint 12, 24 lb uplift at joint 32, 21 lb uplift at joint 33, 24 lb uplift at joint 15 and 23 lb uplift at joint 14.
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: 1-7=-104(F=-50), 7-13=-104(F=-50), 2-12=-30

JUNE 09, 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.#0609061642

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T04P	COMMON	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:05 2006 Page 1

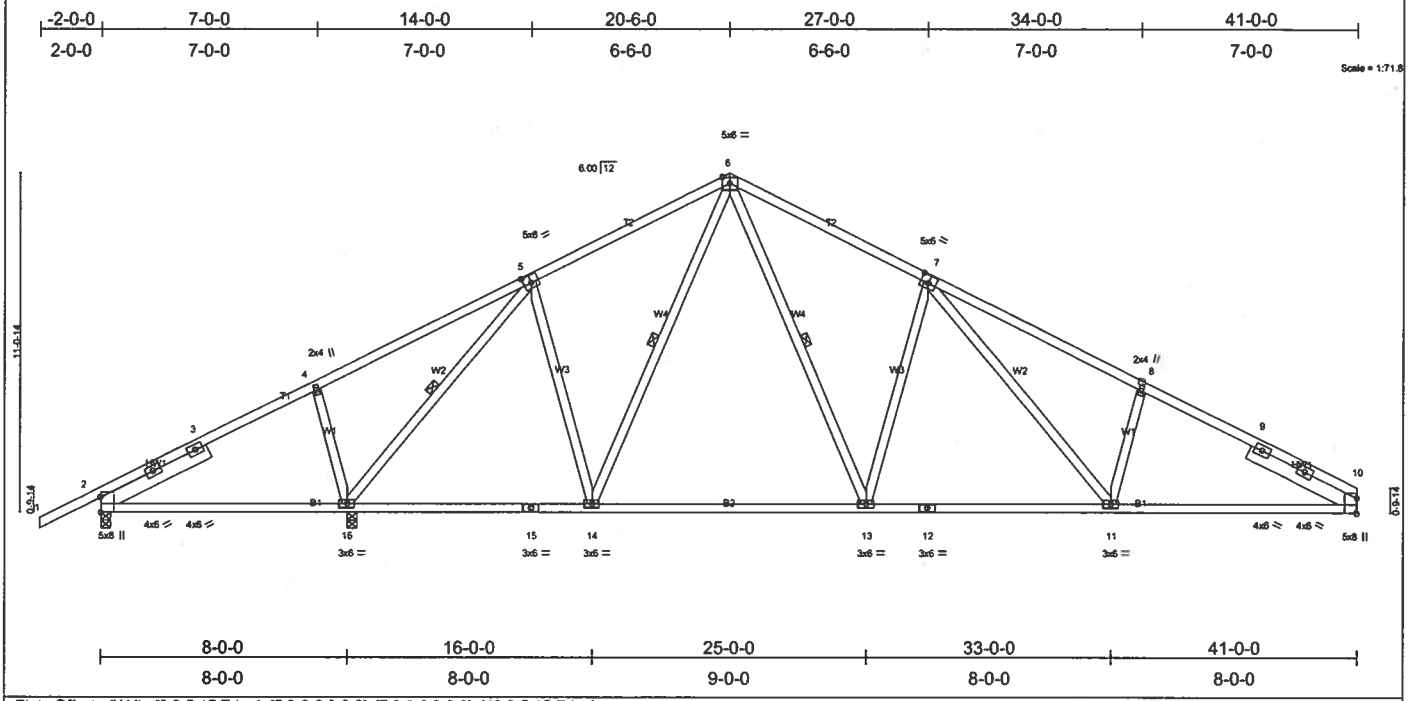


Plate Offsets (X,Y): [2:0-5-15,Edge], [5:0-3-0,0-3-0], [7:0-3-0,0-3-0], [10:0-5-15,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.18	2-16	>536	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	0.15	2-16	>636	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.71	Horz(TL)	0.07	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 247 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
SLIDER Left 2 X 6 SYP No.1D 3-11-3, Right 2 X 6 SYP No.1D 3-11-3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-16, 6-14, 6-13

REACTIONS (lb/size) 2=342/0-4-0, 16=1851/0-4-0, 10=1358/Mechanical
Max Horz 2=182(load case 5)
Max Uplift2=-324(load case 5), 16=-660(load case 5), 10=-470(load case 6)
Max Grav 2=402(load case 9), 16=1851(load case 1), 10=1358(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-126/174, 3-4=-49/202, 4-5=-41/242, 5-6=-1107/743, 6-7=-1545/928, 7-8=-2124/1101, 8-9=-2160/1009, 9-10=-2256/987
BOT CHORD 2-16=-163/108, 15-16=-227/831, 14-15=-227/831, 13-14=-173/952, 12-13=-479/1465, 11-12=-479/1465, 10-11=-761/1891
WEBS 4-16=-391/397, 5-16=-1562/511, 5-14=0/451, 6-14=-196/112, 6-13=-466/942, 7-13=-626/491, 7-11=-326/602, 8-11=-253/314

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; 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 324 lb uplift at joint 2, 660 lb uplift at joint 16 and 470 lb uplift at joint 10.

LOAD CASE(S) Standard

JUNE 09, 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

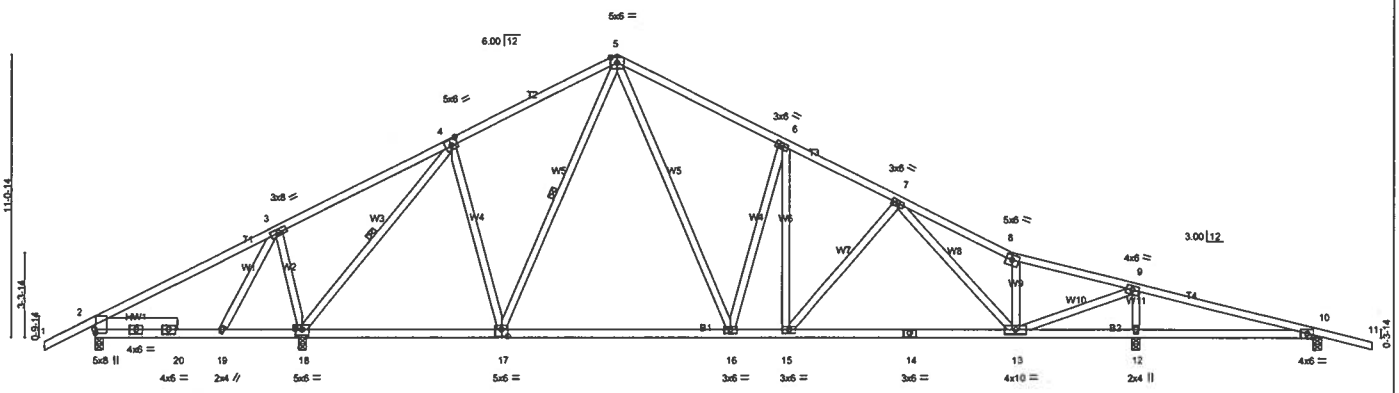
Dwg.#0609061643

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T05	SPECIAL	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:06 2006 Page 1

-2-0-0	7-0-0	14-0-0	20-6-0	27-0-0	36-0-1	40-10-0	48-0-0	50-0-0
2-0-0	7-0-0	7-0-0	6-6-0	6-6-0	9-0-1	4-9-15	7-2-0	2-0-0

Scale = 1:86.2



4-11-15	8-2-0	16-0-0	25-0-0	36-0-1	40-10-0	48-0-0
4-11-15	3-2-1	7-10-0	9-0-0	11-0-1	4-9-15	7-2-0

Plate Offsets (X,Y): [2:0-1-8,0-0-9], [4:0-3-0,0-3-0], [17:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.12	10-12	>716	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	0.09	10-12	>936	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.94	Horz(TL)	0.04	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 290 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
SLIDER Left 2 X 6 SYP No.1D 3-2-10

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-18, 5-17

REACTIONS (lb/size) 2=245/0-4-0, 18=1930/0-4-0, 12=1855/0-4-0, 10=214/0-4-0
Max Horz 2=170(load case 5)
Max Uplift2=-221(load case 5), 18=-780(load case 5), 12=-724(load case 6), 10=-305(load case 4)
Max Grav 2=306(load case 9), 18=1930(load case 1), 12=1855(load case 1), 10=227(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-103/294, 3-4=-93/470, 4-5=-942/596, 5-6=-1337/779, 6-7=-1488/741, 7-8=-1622/760, 8-9=-1463/598, 9-10=-260/692, 10-11=0/25
BOT CHORD 2-20=-193/232, 19-20=-193/232, 18-19=-249/299, 17-18=-98/663, 16-17=-66/830, 15-16=-300/1290, 14-15=-434/1422, 13-14=-434/1422, 12-13=-620/327, 10-12=-620/327
WEBS 3-19=-221/145, 3-18=-451/497, 4-18=-1659/702, 4-17=-24/485, 5-17=-214/86, 5-16=-385/801, 6-16=-609/403, 7-13=-55/40, 8-13=-562/362, 9-13=-788/2145, 9-12=-1659/778, 6-15=-134/348, 7-15=-218/210

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; 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 221 lb uplift at joint 2, 780 lb uplift at joint 18, 724 lb uplift at joint 12 and 305 lb uplift at joint 10.

LOAD CASE(S) Standard

JUNE 09, 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.#0609061644

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T05G	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:07 2006 Page 1

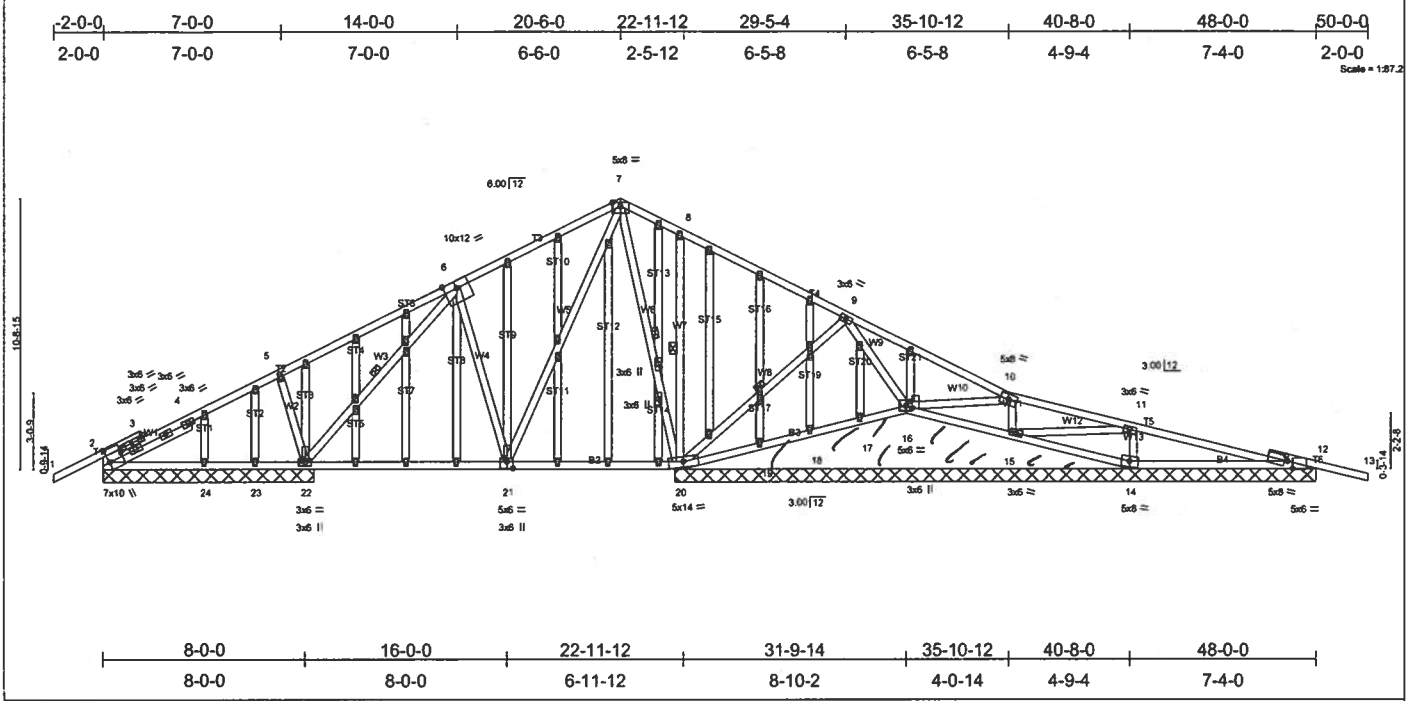


Plate Offsets (X,Y): [2:0-6-3,0-0-3], [3:0-2-4,0-1-8], [12:0-1-8,0-2-8], [12:0-2-7,Edge], [16:0-3-0,0-0-14], [21:0-2-0,0-1-8], [21:0-3-0,0-3-0], [22:0-1-8,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.82	Vert(LL) -0.12 12-14 >764 240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.37	Vert(TL) -0.19 12-14 >460 180	
BCLL 10.0	Rep Stress Incr NO	WB 0.71	Horz(TL) 0.01 12 n/a n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 403 lb

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
6-0-0 oc bracing: 14-15.
WEBS 1 Row at midpt 6-22, 7-20, 8-20, 9-20

REACTIONS (lb/size) 12=649/25-4-4, 2=617/8-4-0, 20=1584/25-4-4, 16=688/25-4-4, 14=910/25-4-4, 15=596/25-4-4, 22=1562/8-4-0, 23=-103/8-4-0, 24=203/8-4-0, 19=39/25-4-4, 18=76/25-4-4, 17=24/25-4-4
Max Horz 2=170(load case 5)
Max Uplift12=-336(load case 6), 2=-280(load case 5), 20=-594(load case 6), 16=-205(load case 6), 14=-350(load case 4), 15=-270(load case 6), 22=-631(load case 5), 23=-103(load case 1), 24=-28(load case 6)
Max Grav 12=649(load case 1), 2=620(load case 9), 20=1584(load case 1), 16=688(load case 1), 14=910(load case 1), 15=596(load case 1), 22=1569(load case 9), 23=15(load case 5), 24=203(load case 1), 19=41(load case 10), 18=76(load case 1), 17=25(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-9/69, 2-3=-261/91, 3-4=-106/75, 4-5=-104/75, 5-6=-64/270, 6-7=-605/444, 7-8=-42/287, 8-9=-141/180, 9-10=-78/225, 10-11=-22/102, 11-12=-107/63, 12-13=-6/48
BOT CHORD 2-24=0/173, 23-24=0/170, 22-23=0/170, 21-22=-83/477, 20-21=0/254, 19-20=-0/271, 18-19=0/279, 17-18=0/273, 16-17=0/282, 15-16=-14/98, 14-15=-57/70, 12-14=0/32
WEBS 5-22=-671/484, 6-22=-882/369, 6-21=-314/347, 7-21=-310/580, 7-20=-791/261, 8-20=-495/327, 9-20=-385/335, 9-16=-585/339, 10-16=-57/133, 10-15=-513/333, 11-15=-15/59, 11-14=-658/380

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 336 lb uplift at joint 12, 280 lb uplift at joint 2, 594 lb uplift at joint 20, 205 lb uplift at joint 16, 350 lb uplift at joint 14, 270 lb uplift at joint 15, 631 lb uplift at joint 22, 103 lb uplift at joint 23 and 28 lb uplift at joint 24.
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: 1-7=-104(F=-50), 7-10=-104(F=-50), 10-13=-104(F=-50), 2-20=-30, 16-20=-30, 14-16=-30, 12-14=-30

JUNE 09, 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

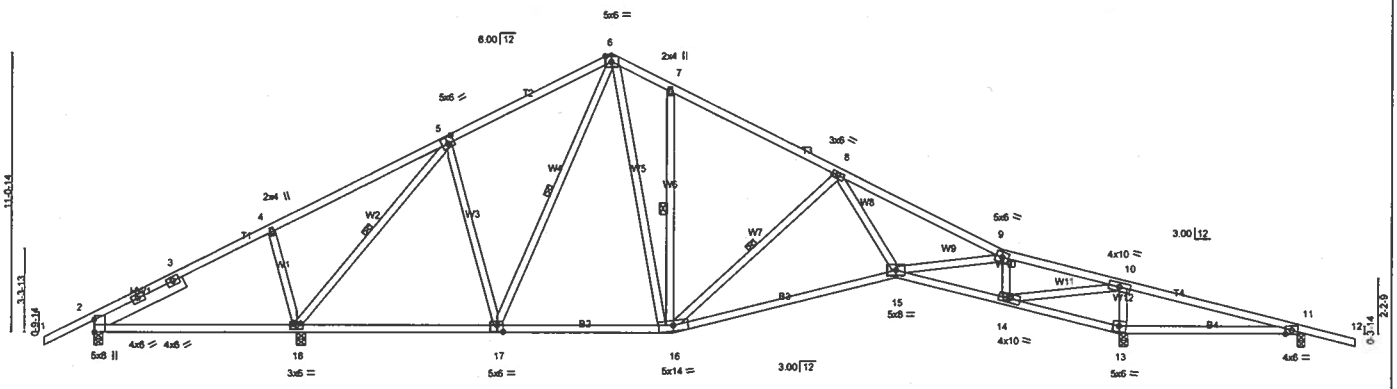
Dwg.#0609061645

Job	Truss	Truss Type	Qty	Ply	NORTON HOME-WRYE RES.
L151378	T05V	SPECIAL	11	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Feb 21 12:56:09 2006 Page 1

-2-0-0	7-0-0	14-0-0	20-6-0	22-11-12	29-5-15	36-0-1	40-8-0	48-0-0	50-0-0
2-0-0	7-0-0	7-0-0	6-6-0	2-5-12	6-6-3	6-6-3	4-7-15	7-4-0	2-0-0

Scale = 1:87.2



8-0-0	8-2-0	16-0-0	22-11-12	31-9-14	36-0-1	40-8-0	48-0-0
8-0-0	0-2-0	7-10-0	6-11-12	8-10-2	4-2-3	4-7-15	7-4-0

Plate Offsets (X,Y): [2:0-5-15,Edge], [5:0-3-0,0-3-0], [17:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	0.18	2-18	>527	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	0.15	2-18	>620	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.12	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 282 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
SLIDER Left 2 X 6 SYP No.1D 3-11-3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-5-14 oc bracing.
WEBS 1 Row at midpt 5-18, 6-17, 7-16, 8-16

REACTIONS (lb/size) 2=201/0-4-0, 13=2130/0-4-0, 11=-5/0-4-0, 18=1917/0-4-0
Max Horz 2=170(load case 5)
Max Uplift2=-293(load case 5), 13=-811(load case 6), 11=-307(load case 4), 18=-670(load case 5)
Max Grav 2=318(load case 9), 13=2130(load case 1), 11=32(load case 10), 18=1917(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-24/433, 3-4=-9/453, 4-5=0/512, 5-6=-873/658, 6-7=-1065/785, 7-8=-1125/672, 8-9=-2407/990, 9-10=-1355/618, 10-11=-563/1543, 11-12=0/25
BOT CHORD 2-18=-364/207, 17-18=-167/615, 16-17=-86/766, 15-16=-525/1690, 14-15=-489/1431, 13-14=-1640/713, 11-13=-1443/620
WEBS 4-18=-407/402, 5-18=-1605/525, 5-17=0/456, 6-17=-253/47, 6-16=-418/808, 7-16=-266/225, 8-16=-945/504, 8-15=-209/970, 9-15=-140/743, 9-14=-1119/526, 10-14=-1120/2869, 10-13=-1488/730

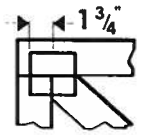
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=16ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; porch left and right exposed; Lumber DOL=1.60 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 293 lb uplift at joint 2, 811 lb uplift at joint 13, 307 lb uplift at joint 11 and 670 lb uplift at joint 18.

LOAD CASE(S) Standard

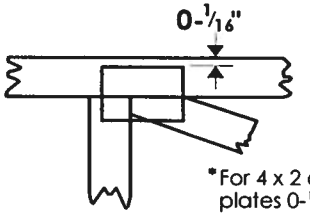
JUNE 09, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

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

***Plate location details available in MiTek 20/20 software or upon request.**

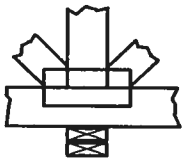
PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

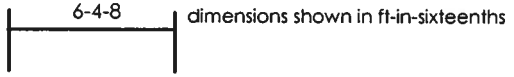


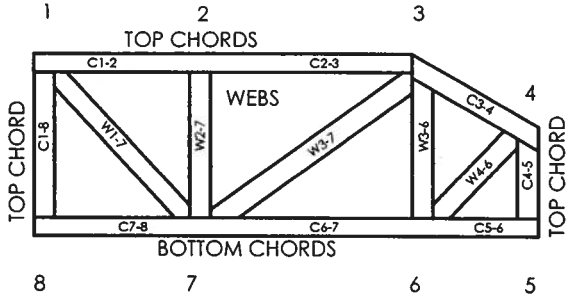
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System





JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

© 2004 MiTek®

** LAMAR BOOZER **		PROJECT:	CUSTOM
900 EAST PUTNAM STREET		CLIENT:	NORTON
LAKE CITY, FL 32055		DATE:	6 18 06
RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS		DESIGNER:	LAMAR BOOZER

CLIENT INFORMATION:

NAME: NORTON
ADDRESS:
CITY, STATE: LAKE CITY, FLORIDA

TOTAL BUILDING LOADS:

BLDG. LOAD DESCRIPTIONS	AREA QUAN	SEN. LOSS	LAT. + GAIN	SEN. = GAIN	TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR	85	2,773	0	2,964	2,964
12-D WALL R-11 +1/2"ASPHLT BRD(R-1.3)	1,219	4,389	0	2,400	2,400
11-C DOOR METAL POLYSTYRENE CORE	40	846	0	462	462
16-G CEILING R-30 INSULATION	2,030	2,627	0	2,627	2,627
22-A SLAB ON GRADE NO EDGE INSUL	111	4,046	0	0	0
SUBTOTALS FOR STRUCTURE:	3,485	14,681	0	8,453	8,453
PEOPLE	10	0	0	3,000	3,000
APPLIANCES	0	0	800	1,500	2,300
DUCTWORK	0	734	0	1,841	1,841
INFILTRATION W.CFM: 0.0 S.CFM: 235.9	0	0	7,859	5,449	13,308
VENTILATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
SENSIBLE GAIN TOTAL				20,243	
TEMP. SWING MULTIPLIER				X 1.00	
BUILDING LOAD TOTALS		15,415	8,659	20,243	28,902

SUPPLY CFM AT 20 DEG DT:	920	CFM PER SQUARE FOOT:	0.520
SQUARE FT. OF ROOM AREA:	2,030	SQUARE FOOT PER TON:	734.482

TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 15.415 MBH
TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 2.409 TONS

CALCULATIONS ARE BASED ON 7TH EDITION OF ACCA MANUAL J.
ALL COMPUTED RESULTS ARE ESTIMATES AS BUILDING USE AND WEATHER MAY VARY.
BE SURE TO SELECT A UNIT THAT MEETS BOTH SENSIBLE AND LATENT LOADS.

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
911 E. Jefferson, P.O. Box 76
Pittsburgh ,KS 66762

Your application for Notice of Acceptance (NOA) of:
Series Entergy 6-8 S-W/E Inswing Opaque Residential Insulated Steel Door w/H. M. 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.: 01-0313.06
EXPIRES: 02/19/2006

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.

RECEIVED
APR 27 2001
PITTSBURG, KANSAS

APPROVED: 04/19/2001

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

Premdor Entry Systems

ACCEPTANCE NO.: 01-0313.06

APPROVED : APR 19 2001

EXPIRES : February 19, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. DESCRIPTION OF UNIT

1.1 This renews the Notice of Acceptance No. 97-0910.11 which was issued on February 19, 1998. It approves a residential insulated steel door, as described in Section 2 of this Notice of Acceptance, 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 6' 8" S-W/E Inswing Opaque Residential Insulated Steel Door in a Hollow Metal Frame-Impact and its components shall be constructed in strict compliance with the following documents: Drawing No 31-1032-EW-I, Sheets 1 through 5 of 5; titled "Premdor (Entergy Brand Wood Edge) 3'0" x 6'8" Steel door in a Hollow Metal Frame (Inswing)" dated 6/25/97 with revision C. dated 3/20/01, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 This approval applies to single unit applications of single door only, as shown in approved drawings.

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): the installation of this unit will not require a hurricane protection 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

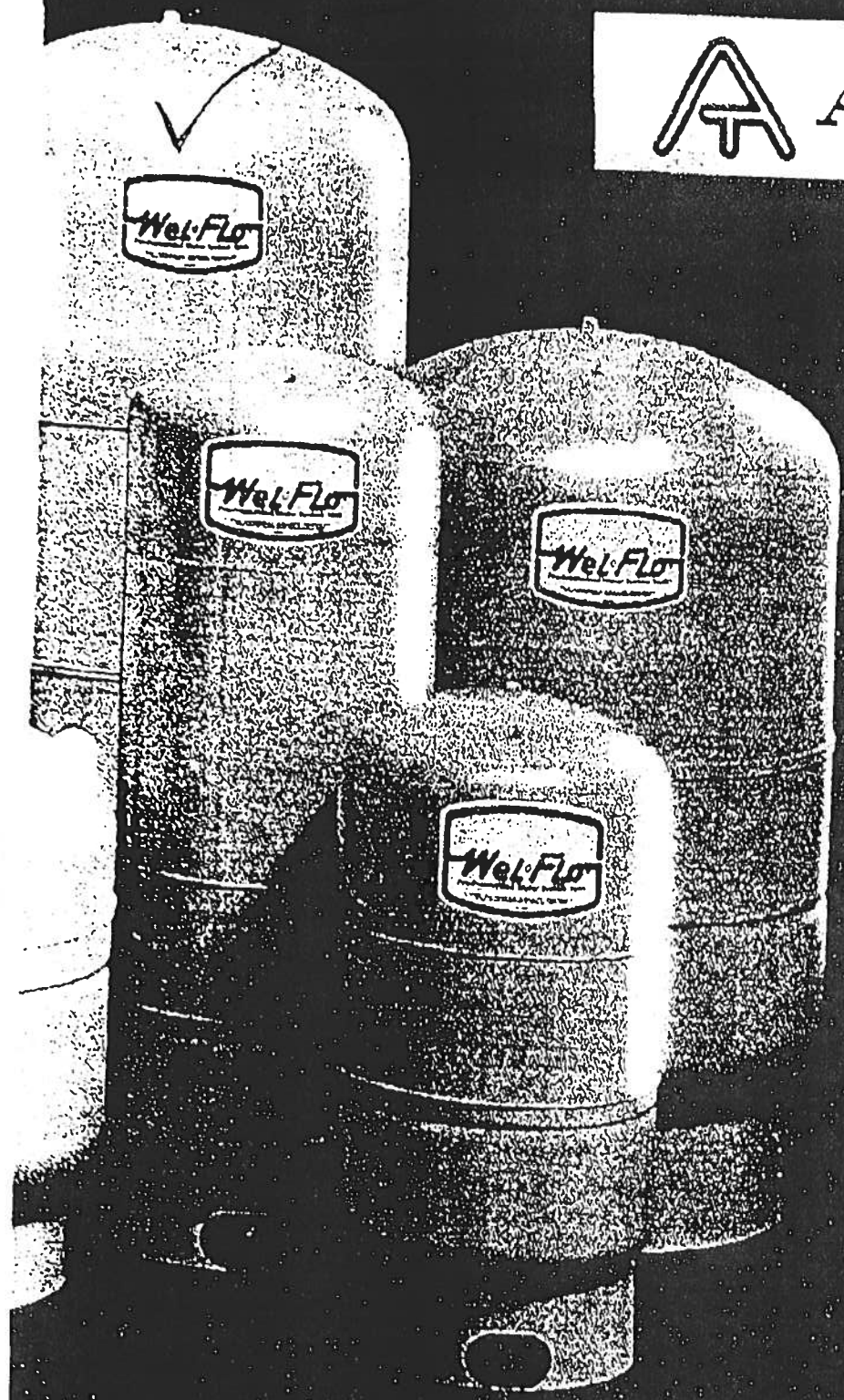
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

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.

Manuel Perez, P.E. Product Control Examiner
Product Control Division

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

FGWA

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 Net Sheet*

A

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	15¾	31⅛	20.0	0.57	8.0	6.8	5.9	33 (4.9)
CH 6000/WF80/CA6000	225.00	15¾	38¼	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	29⅝	34.0	1.00	13.7	11.6	10.0	61 (9.5)
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	56⅓	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	51¼	119.0	0.39	47.8	40.5	35.1	165 (24.5)

CH4202, CH6000, CH8003, WF60, WF80, WI100, CA 4202, CA6000, & CA8003 have a 1" NPTF system connection and a 28 psig pre-charge.

… CH22050, WF110, WF260, CA8205, CA22050 have a 1¼" NPTF system connection and a 38

TAMKO®
ROOFING PRODUCTS

January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4691.

TAMKO Roofing Products, Inc.

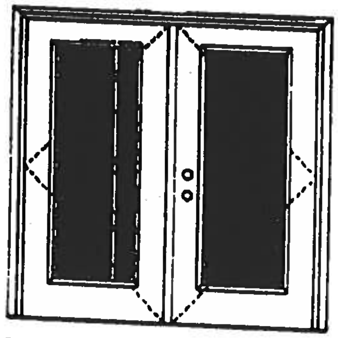
2300 35th STREET P.O. BOX 2140 TUSCALOOSA

XX
Glazed Inswing Unit

COP-WL-JH4142-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

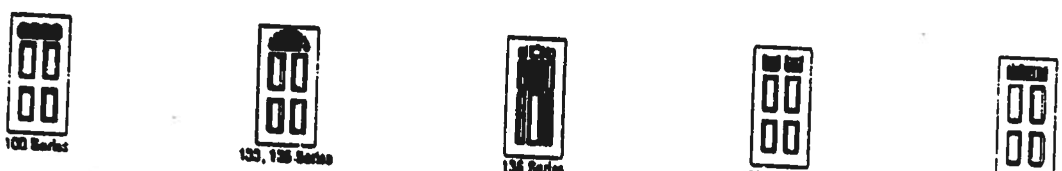
MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:
1/4 GLASS:



100 Series | 133, 135 Series | 136 Series | 680 Series | 622 Series

1/2 GLASS:

105 Series* | 106, 160 Series* | 120 Series* | 200 Series* | 12 R/L, 23 R/L, 24 R/L Series* | 107 Series* | 108 Series | 304 Series

*This glass kit may also be used in the following door styles: 6-panel; 6-panel with scroll; Eyebrow 6-panel; Eyebrow 5-panel with scroll.

Johnson EntrySystems

March 29, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOOR Collection
Exclusively from Masonite
Masonite International Corporation

XX
Glazed Inswing Unit

COP-WI-JH4142-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:
3/4 GLASS:


404 Series


410 Series


430 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Bathy

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Johnson Entry Systems

March 29, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

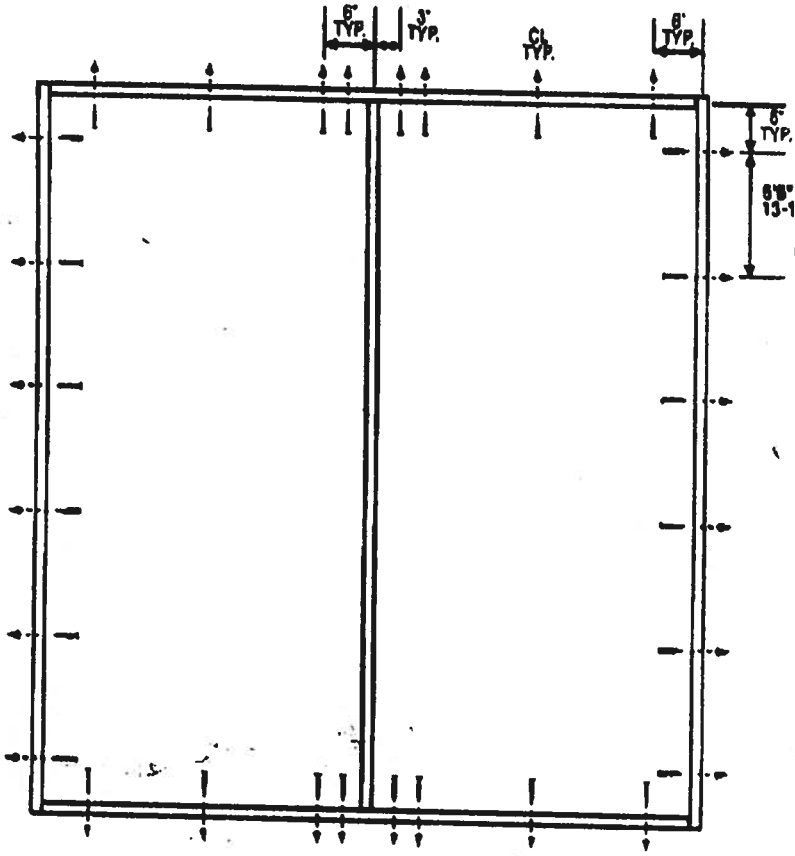
PREMDOOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

XX
Unit

MID-WL-MA0002-02

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylinderical and deadlock hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and penetrement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 29, 2002
Our continuing program of product improvement means specifications, design and process detail subject to change without notice.

PREMDOR Collection
Premium Quality Doors

Exclusively from Masonite
Masonite International Corporation

AAMA/NWWDA 101/I.S.2-97
TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650
TYPE: Aluminum Triple Single Hung Window

Title of Test	Summary of Results
AAMA Rating	H-R35 112 x 72
Uniform Load Deflection Test Pressure	+35.3 psf -47.2 psf
Operating Force	25 lb max.
Air Infiltration	0.16 cfm/ft^2
Water Resistance Test Pressure	5.25 psf
Uniform Load Structural Test Pressure	+53.0 psf -52.5 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to ATI Report No. 01-41641.01 for complete test specimen description and data.

Allen N. Reeves
7 June 2002

ALLEN N. REEVES
No. 18354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.
P.O. Box 370
650 West Market Street
Gratz, Pennsylvania 17030-0370

Report No: 01-41641.01
Test Date: 05/13/02
And: 05/16/02
Report Date: 06/05/02
Expiration Date: 05/16/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness testing on a Series/Model 650, aluminum triple single hung window at their facility located in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for a H-R35 112 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

Test Specimen Description:

Series/Model: 650

Type: Aluminum Triple Single Hung Window

Overall Size: 9' 3-1/2" wide by 5' 11-11/16" high

Active Sash Size (3): 3' 0-1/4" wide by 2' 10-3/4" high

Fixed Daylight Opening Size (3): 2' 8-1/4" wide by 2' 9-1/8" high

Screen Size (3): 2' 9-1/8" wide by 2' 11" high

Finish: All aluminum was painted white.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

LENTH REEVES
CERTIFICATE
NO. 19250
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen M. Reeves
7 JUNE 2002

Test Specimen Description: (Continued)

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" by 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. The meeting rail was secured to the frame utilizing two 1-1/4" screws. The mullions were secured utilizing four #8 x 1-1/4" screws through the head and sill into the mullion screw boss.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each stiles' screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

ALLEN N. REEVES
CERTIFICATE
NO. 19364
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

7 JUNE 2002

Test Specimen Description: (Continued)

Hardware:

Description	Quantity	Location
Metal cam lock with keeper	1	Midspan of each active meeting rail with adjacent keepers
Plastic tilt latch	2	Each active sash meeting rail ends
Metal tilt pin	2	Each active sash bottom rail ends
Balance assembly	2	Each active sash contained one in each jamb
Screen plunger	2	Each screen contained two 4" from rail ends on top rail

Drainage: Slopod sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	25 lbs	30 lbs max.
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.16 cfm/ft^2	0.3 cfm/ft^2 max.

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage

No leakage

Allen N. Reeves
7 June 2002

ALLEN N. REEVES
CERTIFICATE NO. 12254
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds)		
	@ 15.0 psf (positive)	0.15"	0.41" max.
	@ 15.0 psf (negative)	0.29"	0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds)		
	@ 22.5 psf (positive)	0.01"	0.29" max.
	@ 22.5 psf (negative)	0.01"	0.29" max.
2.2. .6.2	Deglazing Test (ASTM E 987-88) In operating direction at 70 lbs		
	Right sash, meeting rail	0.12"/25%	0.50"/100%
	Right sash, bottom rail	0.12"/25%	0.50"/100%
	Middle sash, meeting rail	0.12"/25%	0.50"/100%
	Middle sash, bottom rail	0.12"/25%	0.50"/100%
	Left sash, meeting rail	0.12"/25%	0.50"/100%
	Left sash, bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Right sash, right stile	0.06"/12%	0.50"/100%
	Right sash, left stile	0.06"/12%	0.50"/100%
	Middle sash, right stile	0.06"/12%	0.50"/100%
	Middle sash, left stile	0.06"/12%	0.50"/100%
	Left sash, right stile	0.06"/12%	0.50"/100%
	Left sash, left stile	0.06"/12%	0.50"/100%
2 .8	Forced Entry Resistance (ASTM F 588-97)		
	Type: A Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Allen N. Reeves
7 JUNE 2002

ALLEN N. REEVES
CERTIFICATE NO. 12854
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
Optional Performance			
4.3	**Water Resistance** (ASTM E 547-00) (with and without screen) WTP = 5.25 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds) @ 35.3 psf (positive) @ 47.2 psf (negative)	 0.46"* 0.67"*	 0.41" max 0.41" max
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds) @ 53.0 psf (positive) @ 52.5 psf (negative)	 0.03" 0.02"	 0.29" max 0.29" max

******Exceeds L/175 for deflection, but meets all other test requirements.*

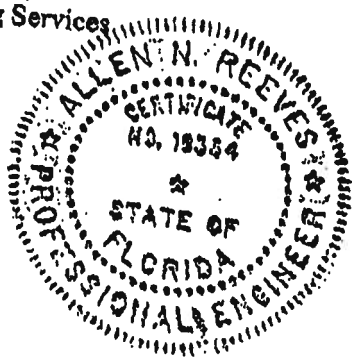
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess
Technician

MAH:nlb
01-41641.01

Allen N. Reeves, P.E.
Director - Engineering Services
7 June 2002



CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 25-4S-16-03121-006 **Building permit No.** 000024667

Use Classification SFD/UTILITY **Fire:** 5.58

Permit Holder JAMES H.NORTON **Waste:** 16.75

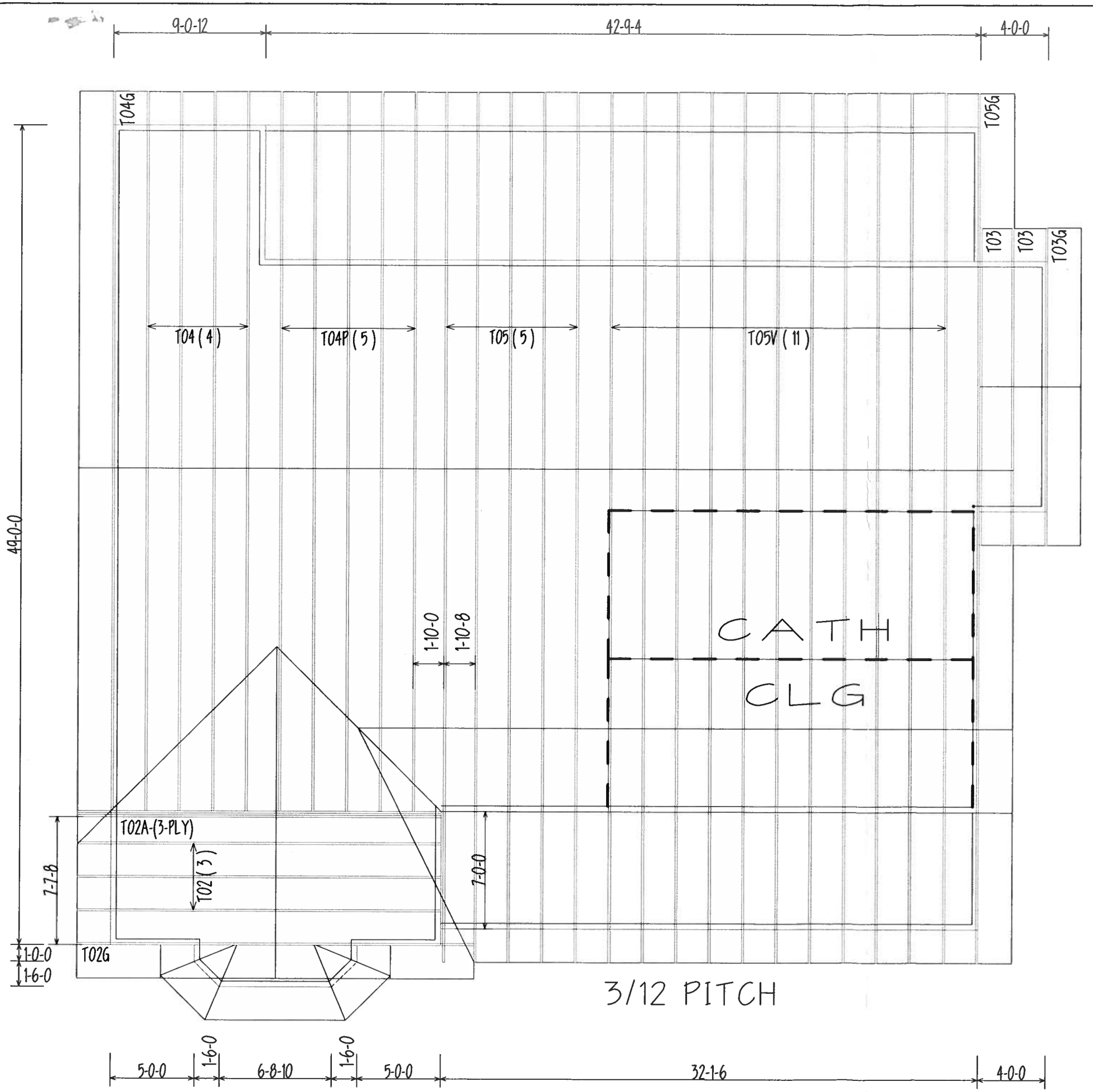
Owner of Building NORTON HOME IMPROVEMENT CO., INC. **Total:** 22.33

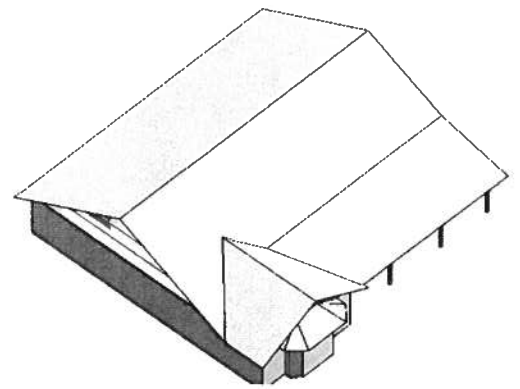
Location: 243 SW MOCKINGBIRD WAY, LAKE CITY, FL

Date: 09/27/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





6/12 PITCH

2' OH

BEARING HEIGHT SCHEDULE

8'-0"

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: NORTON HOME			
LEGAL ADDRESS: WRYE RES			
MODEL: CUSTOM		REVISION:	
		SCALE: NTS	
DATE: 2-20-06	DRAWN BY: JRD	JOB #: L151378	