



BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

Land Surveyors
and Mappers

25917

07/03/07

L-18576

To Whom It May Concern:

C/o: Skyline Homes

Re: Lot 3 in Gerald Riggle Subdivision

The elevation of the foundation is found to be 113.70 feet. The minimum floor elevation as per the plat of record is established to be 113.50 feet. The highest adjacent grade is 112.35 feet and the lowest adjacent grade is 111.8 feet. The centerline of SW Birley Road is 115.63 feet. The elevations shown hereon are based on NGVD 29.

L. Scott Britt
PLS #5757

Columbia County Building Permit Application

#1130

For Office Use Only Application # 0706-03 Date Received 6/1/07 By GA Perm It # 25917/1400
 Application Approved by - Zoning Official BLK Date 12.06.07 Plans Examiner OK JTH Date 8-5-07
 Flood Zone X B1 Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Density
 Comments Plot Requires MFE to be a 113.5 ft. Elevation confirmation letter required
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Linda or Melonie Roder Fax 752-2282
 Address 387 SW Kemp Ct Lake City FL 32024 Phone 752-2281

Owners Name Skyline Homes Phone 867-1499
 911 Address 2461 SW Birley Ave Lake City FL 32024

Contractors Name Aaron Simgue Phone 487-1473 or
 Address P.O. Box 2695 Lake City FL 32056

Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Will Myers, Nick Geisler
 Mortgage Lenders Name & Address Columbia Bank

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 08-45-16-02814-000 Estimated Cost of Construction 115,000

Subdivision Name Gerald Riggle Development Lot 3 Block Unit Phase
 Driving Directions 90 W, go L on Pine mount, Turn L on Birley Ave, lot is 1 mi down on R

Type of Construction SFD Number of Existing Dwellings on Property 0
 Total Acreage .5 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 50' Side 21'-8" Side 21'-8" Rear 108'-9"
 Total Building Height 16'-2" Number of Stories 1 Heated Floor Area 1526 Roof Pitch 8-12

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

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

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

Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 20 day of 20

Personally known or Produced Identification

Notary Signature Linda R. Roder Notary Signature JW ADONIS Linda 6.12.07

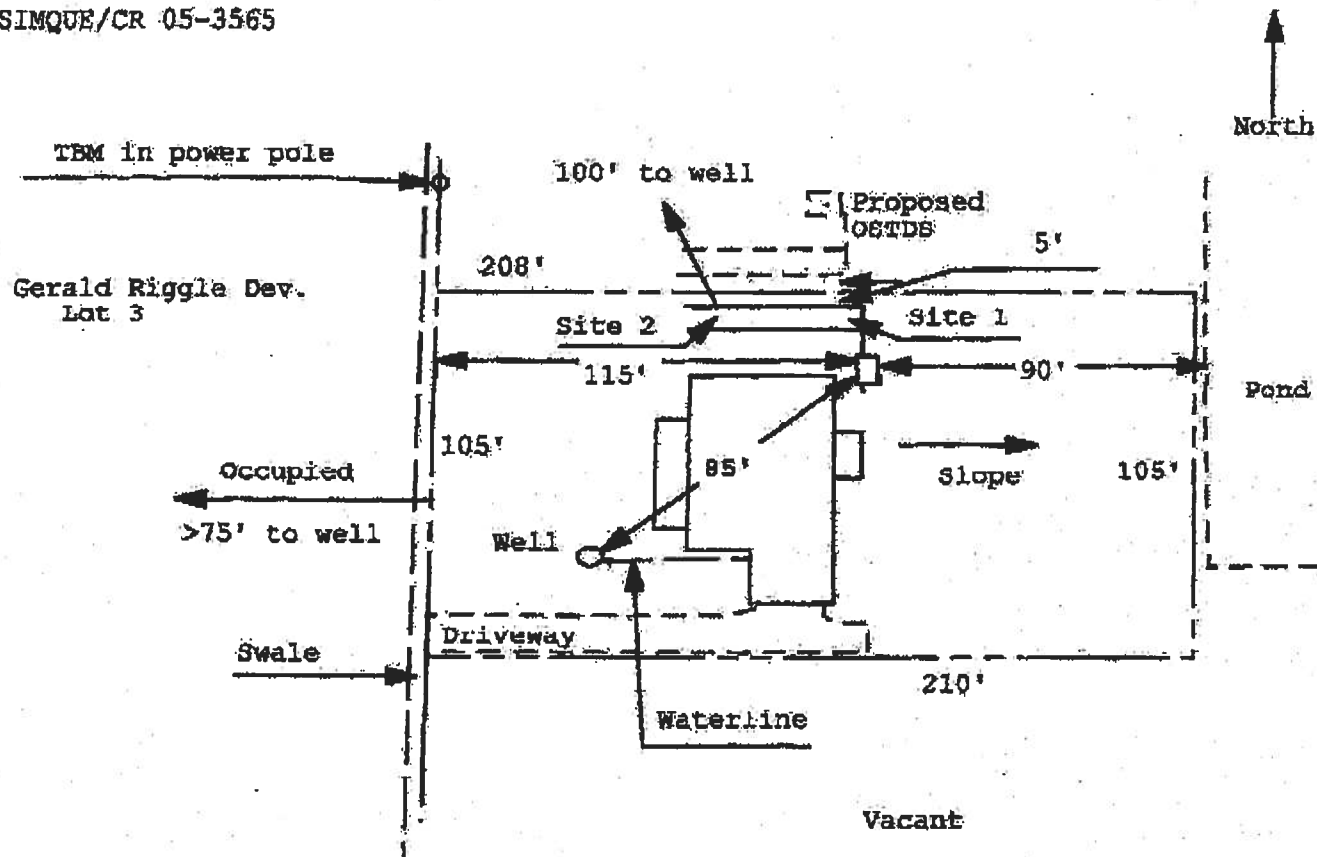
Contractor Signature RB 29003130 Contractors License Number Competency Card Number NOTARY STAMP/SEAL

(07-06-03)

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 06-0559N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

SINQUE/CR 05-3565



1 inch = 50 feet

Site Plan Submitted By Paul D. [Signature]

Date 6/11/06

Plan Approved ☒ Not Approved ☐

By S. Grady, ESII

CPRU

Notes:

Columbia CHD

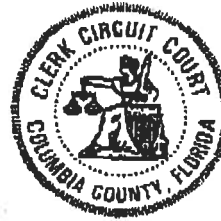
Permit Number:[type permit number]

Tax Folio Number: 02814-001

State of: Florida
County of: Columbia

File Number: 07-219

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office
P. DeWITT CASON, CLERK OF COURTS
By: Sharon Feagles
Deputy Clerk
Date: 05-29-07



Inst:2007011748 Date:05/29/2007 Time:09:33

NOTICE OF COMMENCEMENT

D-9 DC,P.DeWitt Cason,Columbia County B:1120 P:736

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

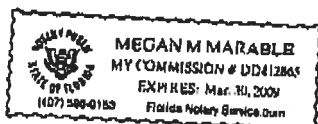
1. Description of Property:
LOT 3 of GERALD RIGGLE DEVELOPMENT, a subdivision according to the Plat thereof as recorded in Plat Book 8 Page 67, Public Records of Columbia County, Florida.

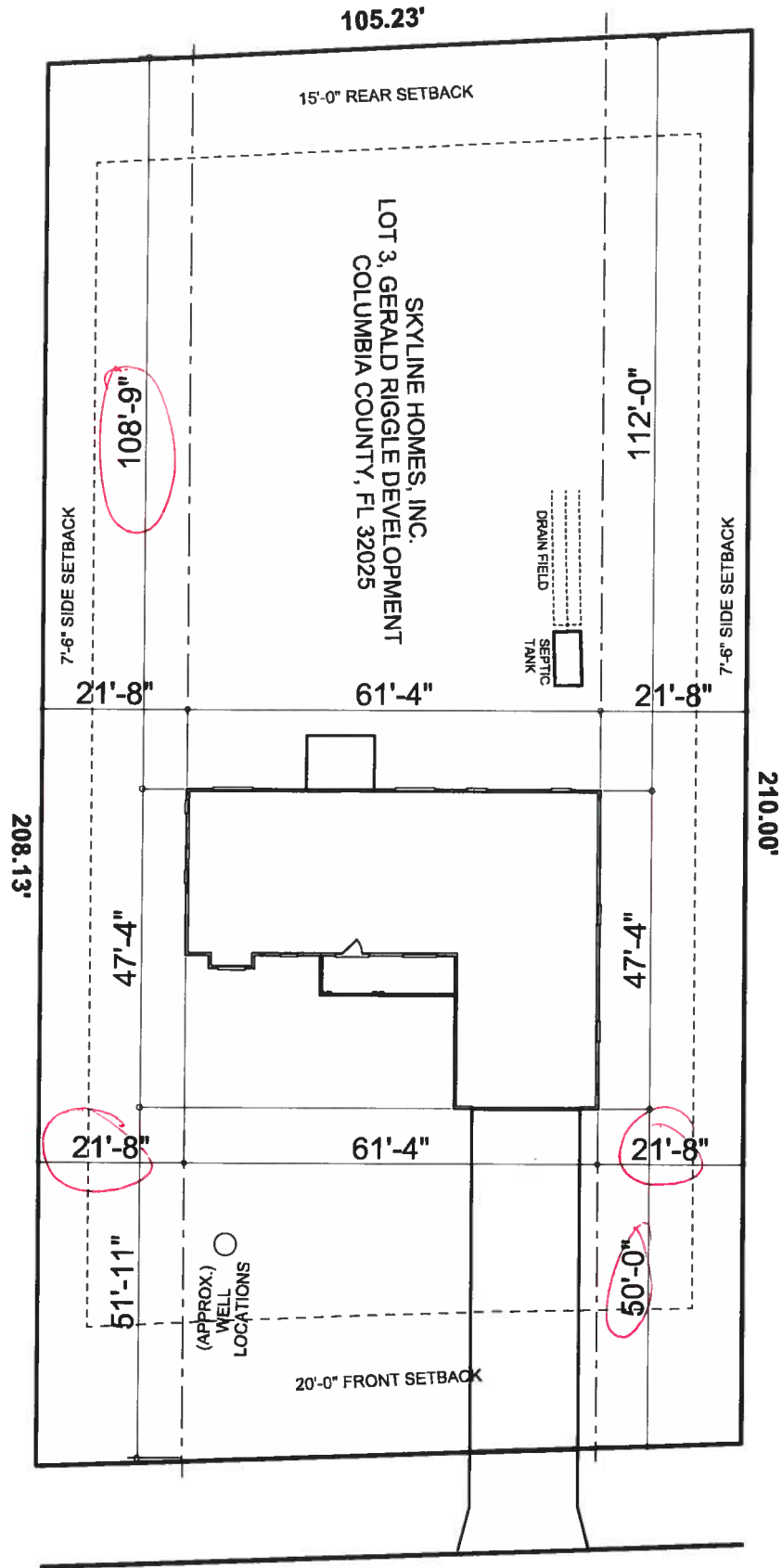
SUBJECT TO A NON EXCLUSIVE PERPETUAL EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE SOUTH 15 FEET.
2. General Description of Improvements: Single Family Dwelling
3. Owner Information:
 - a. Name and Address: Skyline Homes, Inc. 120 SW Smith Lane, Lake City, Florida 32024
 - b. Interest in property: Fee Simple
 - c. Names and address of fee simple title holder (if other than owner):
4. Contractor: Aaron Simque Homes, Inc., 426 SW Commerce Drive, Lake City, Florida 32055
5. Surety: N/A
6. Lender: Columbia Bank, 4785 West US Hwy 90, Lake City, Florida 32055
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes.
8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b). Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): [User Input as to the date of expiration of the Notice of Commencement].

Joel R. Phinney
Joel R. Phinney, President

Sworn to and subscribed before me May 24, 2007 by Joel R. Phinney, as President of Skyline Homes, Inc. who is personally known to me or who did provide driver's license as identification.

Megan M. Marable
Notary Public
My Commission Expires: _____





SCALE: 1" = 25'

Notice of Authorization

I Adron Singer, hereby authorize Linda Roder or Melanie Roder to be my Representative and act on my behalf in all aspects for applying for a Building Permit to be located in Columbia County.



Contractor's Signature

5-17-07

Date:

Sworn and Subscribed to me this 17 day of May, 2007
Personally known ✓
Produced Identification _____



Notary Public



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

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

File Number: 07-219

Inst:2007011746 Date:05/29/2007 Time:09:33
Doc Stamp-Deed : 238.00
19 DC, P. DeWitt Cason, Columbia County B:1120 P:728

Warranty Deed

Made this May 24, 2007 A.D.

By **Aaron Simque and Mark A. Cook**, Post Office Box 2695, Lake City, Florida 32056, hereinafter called the grantor,

to **Skyline Homes, Inc.**, whose post office address is: 120 SW Smith Lane, Lake City, Florida 32024, hereinafter called the grantee:

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

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

LOT 3 of GERALD RIGGLE DEVELOPMENT, a subdivision according to the Plat thereof as recorded in Plat Book 8 Page 67, Public Records of Columbia County, Florida.

SUBJECT TO A NON EXCLUSIVE PERPETUAL EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE SOUTH 15 FEET.

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

Parcel ID Number: 02814-001

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

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2006.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Megan Marable
Witness Printed Name Megan Marable

Aaron Simque (Seal)
Address: Post Office Box 2695, Lake City, Florida 32056

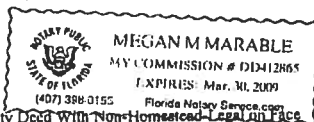
Michele Padgett
Witness Printed Name Michele Padgett

Mark A. Cook (Seal)
Address:

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 24th day of May, 2007, by Aaron Simque and Mark A. Cook, who is/are personally known to me or who has produced _____ as identification.

Megan M. Marable
Notary Public
Print Name: _____
My Commission Expires: _____



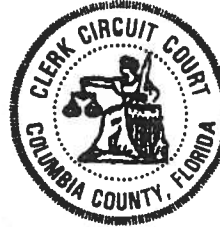
Permit Number: [type permit number]

Tax Folio Number: 02814-001

State of: Florida
County of: Columbia

File Number: 07-219

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DEWITT CASON, CLERK OF COURTS
By Sharon Feagle
Deputy Clerk
Date 05-29-07



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7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes.

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9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): [User Input as to the date of expiration of the Notice of Commencement].

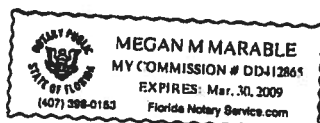
Skyline Homes, Inc.

Joel R. Phinney, President

Sworn to and subscribed before me May 24, 2007 by Joel R. Phinney, as President of Skyline Homes, Inc. who is personally known to me or who did provide drivers license as identification.

Megan M. Marable
Notary Public

My Commission Expires: _____





Lake City (386) 7 5-3611
Gainesville (352) 4 4-5751
Fax (386) 7 5-3885
Toll Free 1-800-6 3-4707

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc.

(386) 755-3611

State License # - JB109476

State Certification # - JF104376

(Skyline Homes) 2461 SW Birley Ave. Lake City (Aaron Simque)

Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment – 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment – Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

Michelle Fischer
Authorized Signature

5-24-07
Date

RON E. BIAS

WELL DRILLING

(386) ~~386 755 1586~~ • Mobile: (386) 364-9233 • ~~(386) 364-9233~~

386 755 23456

No. _____

Date: _____

Name: Joel

Address: _____

Phone: 386 755-1586

DESCRIPTION:

4" dia. deep well
down 2 100 Ft.
1 H.P. sub. pump, stainless
20 GPM's 1" drop
constant pressure tank
Back flow preventer
SRWMD Permit
According to State Specs.

Total: _____

Deposit: _____

Balance: _____

Date Wanted: _____

Authorized By: Ronnie Bias

Received By: _____

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Skyline Homes - Burley Road Spec	Builder:	Skyline Homes
Address:	Lot: 3, Sub: Gerald Riggle, Plat:	Permitting Office:	<i>Cayman</i>
City, State:	Lake City, FL 32025-	Permit Number:	<i>25917</i>
Owner:	Spec House	Jurisdiction Number:	<i>221000</i>
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Ct p: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1526 ft²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
U-factor:	Description Area	a. Electric Heat Pump	Ct p: 36.0 kBtu/hr
(or Single or Double DEFAULT) 7a(Sngle Default) 212.8 ft²			HSPF: 6.80
SHGC:		b. N/A	
(or Clear or tint DEFAULT) 7b. (Clear) 212.8 ft²		c. N/A	
8. Floor types		14. Hot water systems	
Slab-On-Grade Edge Insulation	R=0.0, 176.0(p) ft	a. Electric Resistance	Cup: 50.0 gallons
N/A			EF: 0.90
N/A		b. N/A	
9. Wall types		c. Conservation credits	
Frame, Wood Exterior	R=13.0, 1008.2 ft²	(HR-Heat recovery, Solar	
Frame, Wood Adjacent	R=13.0, 148.0 ft²	DHP-Dedicated heat pump)	
N/A		15. HVAC credits	PT,
N/A		(CF-Ceiling fan, CV-Cross ventilation,	
N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
Under Attic	R=30.0, 1526.0 ft²	MZ-C-Multizone cooling,	
N/A		MZ-H-Multizone heating)	
N/A			
11. Ducts(Leak Fee)			
Sup: Unc. Re: Unc. AH: Garage	Sup. R=6.0, 45.0 ft		
N/A			

Glass/Floor Area: 0.14

Total as-built points: 22896

Total base points: 23529

PASS

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

PREPARED BY: *[Signature]*
DATE: *5-17-07*

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

OWNER/AGENT: *[Signature]*
DATE: *5-18-07*

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

BUILDING OFFICIAL: _____
DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, Sub: Gerald Riggle, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	152.0	20.04	5504.6	Single, Clear	W	1.5	8.0	75.0	43.84	0.96	3150.1
				Single, Clear	W	1.5	8.0	40.0	43.84	0.96	1680.1
				Single, Clear	W	1.5	8.0	3.0	43.84	0.96	126.0
				Single, Clear	N	1.5	8.0	15.0	21.73	0.97	315.3
				Single, Clear	E	7.5	8.0	18.0	47.92	0.53	460.1
				Single, Clear	E	7.5	8.0	13.3	47.92	0.53	340.0
				Single, Clear	E	1.5	8.0	12.5	47.92	0.96	573.6
				Single, Clear	E	1.5	8.0	16.0	47.92	0.96	734.2
				Single, Clear	S	1.5	8.0	20.0	40.81	0.92	753.6
				As-Built Total:			212.8			8132.8	
WALL TYPES		Area X BSPM = Points		Type	R-Value		Area X SPM		= Points		
Adjacent	148.0	0.70	103.6	Frame, Wood, Exterior	13.0		1008.2	1.50	1512.3		
Exterior	1008.2	1.70	1713.9	Frame, Wood, Adjacent	13.0		148.0	0.60	88.8		
Base Total:		1156.2	1817.5	As-Built Total:		1156.2		1601.1			
DOOR TYPES		Area X BSPM = Points		Type			Area X SPM		= Points		
Adjacent	20.0	1.60	32.0	Exterior Insulated			20.0	4.10	82.0		
Exterior	20.0	4.10	82.0	Adjacent Insulated			20.0	1.60	32.0		
Base Total:		40.0	114.0	As-Built Total:		40.0		114.0			
CEILING TYPES		Area X BSPM = Points		Type	R-Value		Area X SPM X SCM		= Points		
Under Attic	1526.0	1.73	2640.0	Under Attic	30.0		1526.0	1.73 X 1.00	2640.0		
Base Total:		1526.0	2640.0	As-Built Total:		1526.0		2640.0			
FLOOR TYPES		Area X BSPM = Points		Type	R-Value		Area X SPM		= Points		
Slab	176.0(p)	-37.0	-6512.0	Slab-On-Grade Edge Insulation	0.0		176.0(p)	-41.20	-7251.2		
Raised	0.0	0.00	0.0								
Base Total:		-6512.0		As-Built Total:		176.0		-7251.2			
INFILTRATION		Area X BSPM = Points				Area X SPM		= Points			
	1526.0	10.21	15580.5			1526.0		10.21	15580.5		

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 3, Sub: Gerald Riggle, Plat: , Lake City, FL, 32025-	PERMIT #:
--	-----------

BASE				AS-BUILT					
Summer Base Points: 19144.6				Summer As-Built Points:					20817.1
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Cooling Points
				(sys 1: Central Unit 36000 btuh , SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R8.0(INS)					
				20817	1.00	(1.09 x 1.000 x 1.00)	0.310	0.950	6688.3
19144.6	0.4266		8167.1	20817.1	1.00	1.090	0.310	0.950	6688.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, Sub: Gerald Riggle, Plat: , Lake City, FL, 32025-	PERMIT #:
--	-----------

BASE				AS-BUILT							
GLASS TYPES											
.16 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.16	152.0	12.74	3499.4	Single, Clear	W	1.5	8.0	75.0	28.84	1.01	2187.0
				Single, Clear	W	1.5	8.0	40.0	28.84	1.01	1166.4
				Single, Clear	W	1.5	8.0	3.0	28.84	1.01	87.5
				Single, Clear	N	1.5	8.0	15.0	33.22	1.00	498.7
				Single, Clear	E	7.5	8.0	18.0	26.41	1.27	603.0
				Single, Clear	E	7.5	8.0	13.3	26.41	1.27	445.6
				Single, Clear	E	1.5	8.0	12.5	26.41	1.02	336.7
				Single, Clear	E	1.5	8.0	16.0	26.41	1.02	430.9
				Single, Clear	S	1.5	8.0	20.0	20.24	1.04	421.4
				As-Built Total:			212.8			6177.3	
WALL TYPES											
Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	148.0	3.60	532.8	Frame, Wood, Exterior			13.0	1008.2	3.40		3427.9
Exterior	1008.2	3.70	3730.3	Frame, Wood, Adjacent			13.0	148.0	3.30		488.4
Bas Total:	1156.2		4263.1	As-Built Total:			1156.2			3916.3	
DOOR TYPES											
Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	8.00	160.0	Exterior Insulated				20.0	8.40		168.0
Exterior	20.0	8.40	168.0	Adjacent Insulated				20.0	8.00		160.0
Bas Total:	40.0		328.0	As-Built Total:			40.0			328.0	
CEILING TYPES											
Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1526.0	2.05	3128.3	Under Attic			30.0	1526.0	2.05 X 1.00		3128.3
Bas Total:	1526.0		3128.3	As-Built Total:			1526.0			3128.3	
FLOOR TYPES											
Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab Raised	176.0(p)	8.9	1566.4	Slab-On-Grade Edge Insulation			0.0	176.0(p)	18.80		3308.8
	0.0	0.00	0.0								
Bas Total:			1566.4	As-Built Total:			176.0			3308.8	
INFILTRATION											
Area X BWPM = Points							Area X WPM = Points				
	1526.0	-0.59	-900.3				1526.0			-0.59 -900.3	

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 3, Sub: Gerald Riggle, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 11884.9			Winter As-Built Points: 15958.4					
To Winter Points	System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
11884.9	0.6274	7456.6	(sys 1: Electric Heat Pump 36000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 15958.4	1.000 (1.069 x 1.000 x 1.00)	0.501	0.950	8127.1	
			15958.4	1.00	1.069	0.501	0.950	8127.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, Sub: Gerald Riggle, Plat: , Lake City, FL, 32025-

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 = Total Multiplier
3		2635.00	7905.0	50.0	0.90	3	1.00	2693.56	1.00 8080.7
				As-Built Total:					8080.7

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
167	7457	7905	23529	6688	8127	8081	22896

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 3, Sub: Gerald Riggle, Plat: , Lake City, FL, 32025-

PERMIT #:

6/ 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 joist 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 House:	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

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

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.6

The higher the score, the more efficient the home.

Spec House, Lot: 3, Sub: Gerald Riggle, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1526 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
(or Single or Double DEFAULT) 7a(Single Default) 212.8 ft ²			HSPF: 6.80
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear) 212.8 ft ²		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 176.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1008.2 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 148.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1526.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret Unc. AH: Garage	Sup. R=6.0, 45.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



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

1 Prevalent glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.1)

Energy Code Compliance

Duct System Performance Report

Project Name:	Skyline Homes - Burley Road Spec	Builder:	Skyline Homes
Address:		Permitting Office:	
City/State:	Lake City, FL 32025-	Permit Number:	
Owner:	Spec House	Jurisdiction Number:	
Climate Zone:	North		

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25 _(tot)	_____ cfm25 _(out)
2	System2	_____ cfm25 _(tot)	_____ cfm25 _(out)
3	System3	_____ cfm25 _(tot)	_____ cfm25 _(out)
4	System4	_____ cfm25 _(tot)	_____ cfm25 _(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) ☐ Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) ☐ Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____

Printed Name: _____

Florida Rate Certification #:

DA TE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: <http://energygauge.com/search.htm>



BUILDING OFFICIAL: _____

DATE: _____

Date: 5/21/2007
Start Number: 1141
SEI Ref: L239678

Truss Design Load Information (UNO)

Design Program: MiTek

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)

SIMQUE, AARON D. RB29003130

Address: 320 SW AINSLEY GLN.

LAKE CITY, FL 32024

Designer:

177

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987

Company: Structural Engineering and Inspections, Inc. EB 9196

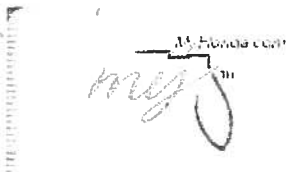
Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549 **Phone:** 813-849-5769

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 vertical loads only, unless noted otherwise.
5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitability and use of Carrying Member hanger capacity.

[illegible]

MAY 21 2007

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Licensee Details**Licensee Information**

Name: **SIMQUE, AARON DAVID (Primary Name)**
AARON SIMQUE HOMES INC (DBA Name)
Main Address: **PO BOX 2183**
LAKE CITY Florida 32056
County: **COLUMBIA**

License Mailing: **POST OFFICE BOX 2183**
LAKE CITY FL 32056
County: **COLUMBIA**

LicenseLocation:

License Information

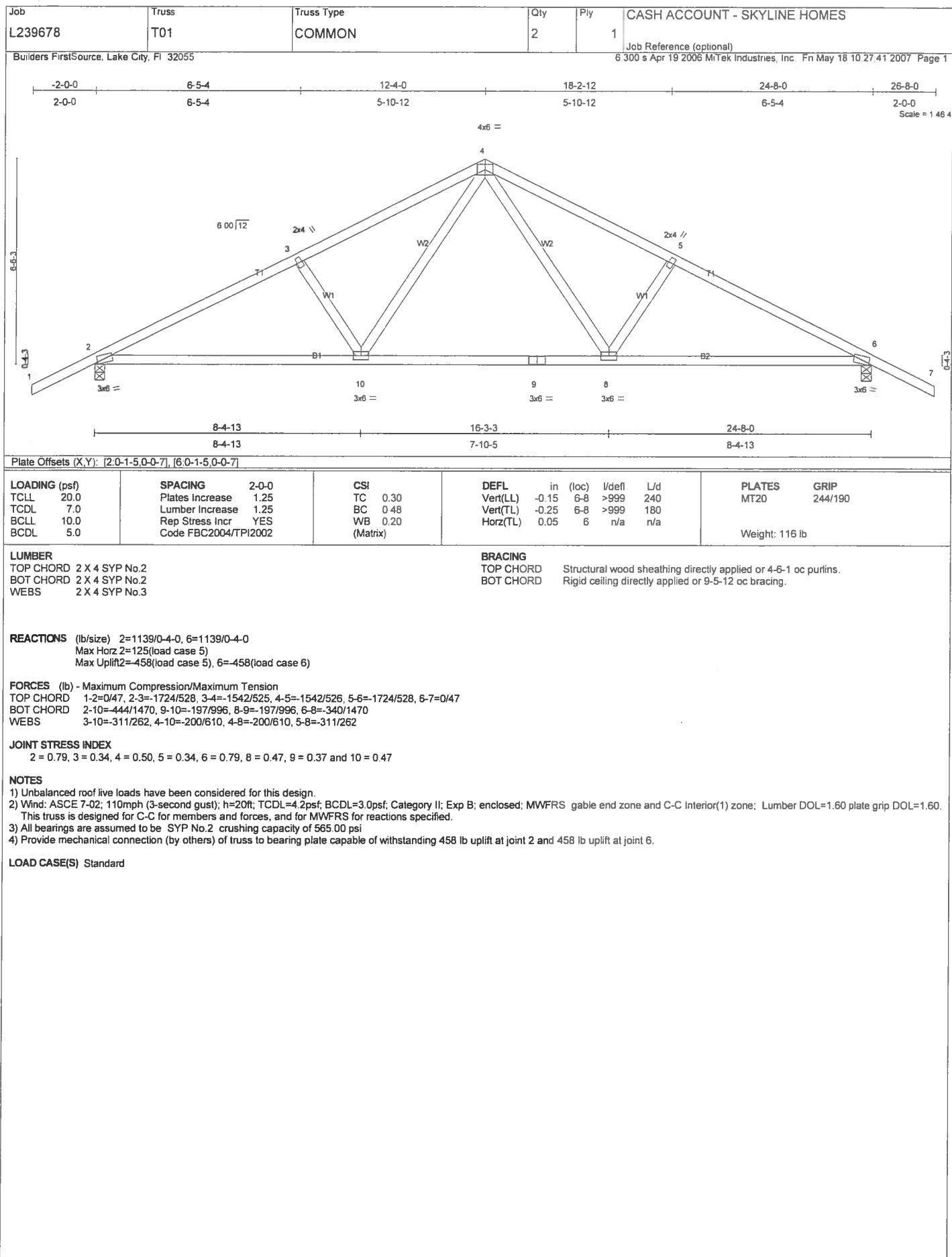
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Rank: **Reg Building**
License Number: **RB29003130**
Status: **Current,Active**
Licensure Date: **10/23/2002**
Expires: **08/31/2007**

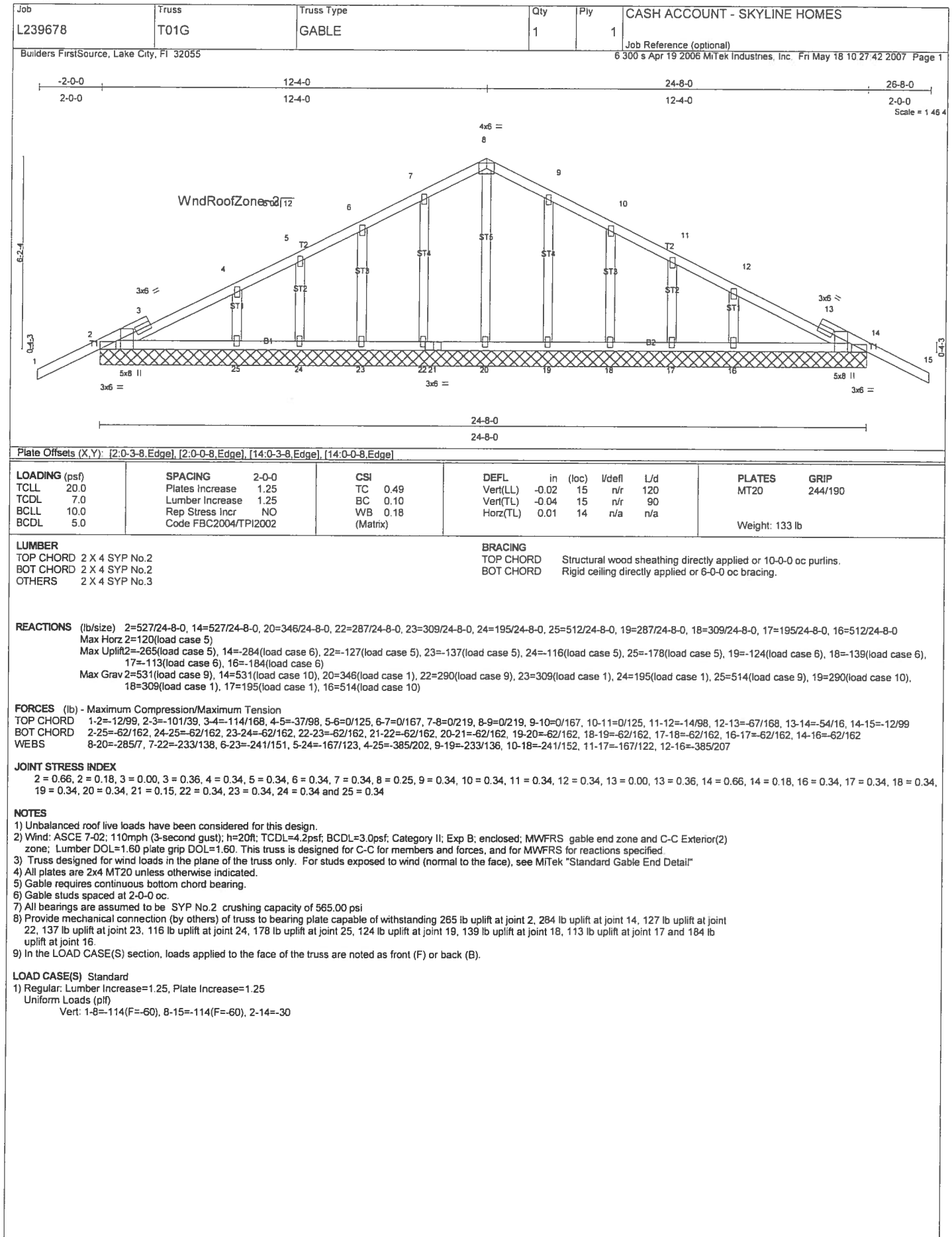
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Job L239678	Truss T02	Truss Type SPECIAL	Qty 4	Ply 1	CASH ACCOUNT - SKYLINE HOMES
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6300 s Apr 19 2006 MiTek Industries, Inc. Fri May 18 10 27 44 2007 Page 1		

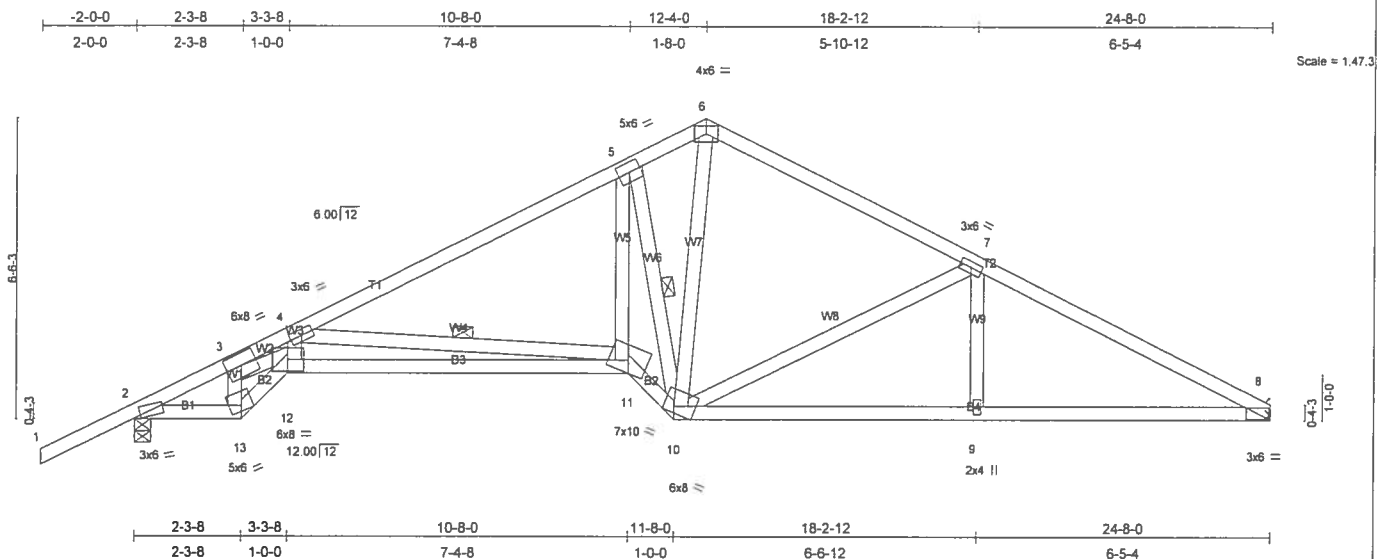


Plate Offsets (X,Y): [2-0-1-9,0-0-7], [10-0-2-11,Edge], [11-0-5-0,0-3-4]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.55	Vert(LL)	-0.41	11-12	>711	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 1.00	Vert(TL)	-0.66	11-12	>439		
BCLL 10.0	Lumber Increase 1.25	WB 0.85	Horz(TL)	0.28	8	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 135 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-9-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 1-4-12 oc bracing.
WEBS 1 Row at midpt 4-11, 5-10

REACTIONS

(lb/size) 8=1017/Mechanical, 2=1144/0-4-0
Max Horz 2=149(load case 5)
Max Uplift 8=330(load case 6), 2=460(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=1812/467, 3-4=-4435/1342, 4-5=-1690/513, 5-6=-1268/511, 6-7=-1187/415, 7-8=-1806/564
BOT CHORD 2-13=-422/1520, 12-13=-474/1876, 11-12=-1239/3745, 10-11=-530/2106, 9-10=-420/1543, 8-9=-420/1543
WEBS 3-13=-1251/323, 3-12=-900/2642, 4-12=-199/1238, 4-11=-2296/870, 5-11=-437/1849, 5-10=-2034/688, 6-10=-375/916, 7-10=-625/329, 7-9=0/219

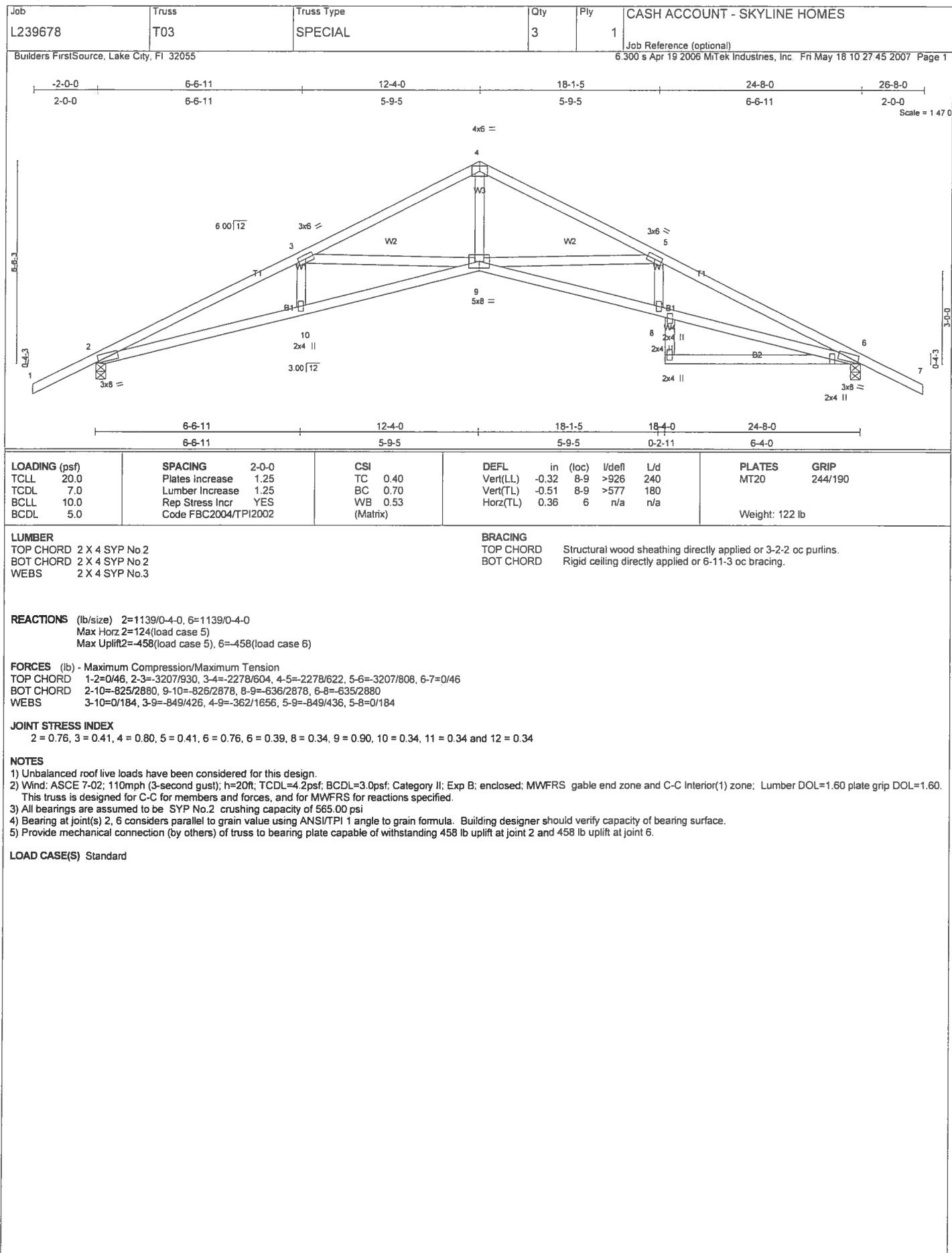
JOINT STRESS INDEX

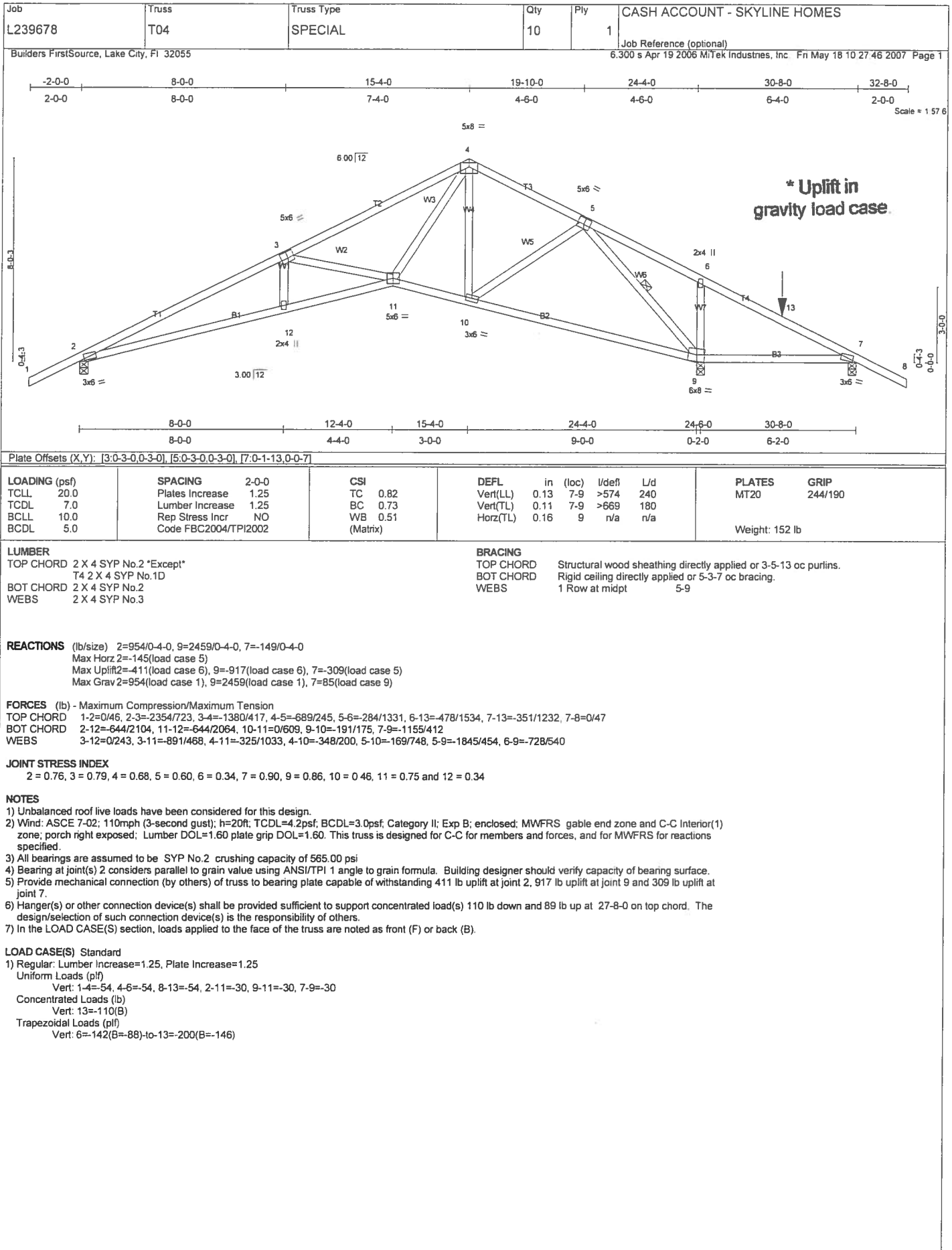
2 = 0.80, 3 = 0.59, 4 = 0.92, 5 = 0.80, 6 = 0.43, 7 = 0.41, 8 = 0.76, 9 = 0.34, 10 = 0.71, 11 = 0.82, 12 = 0.82 and 13 = 0.57

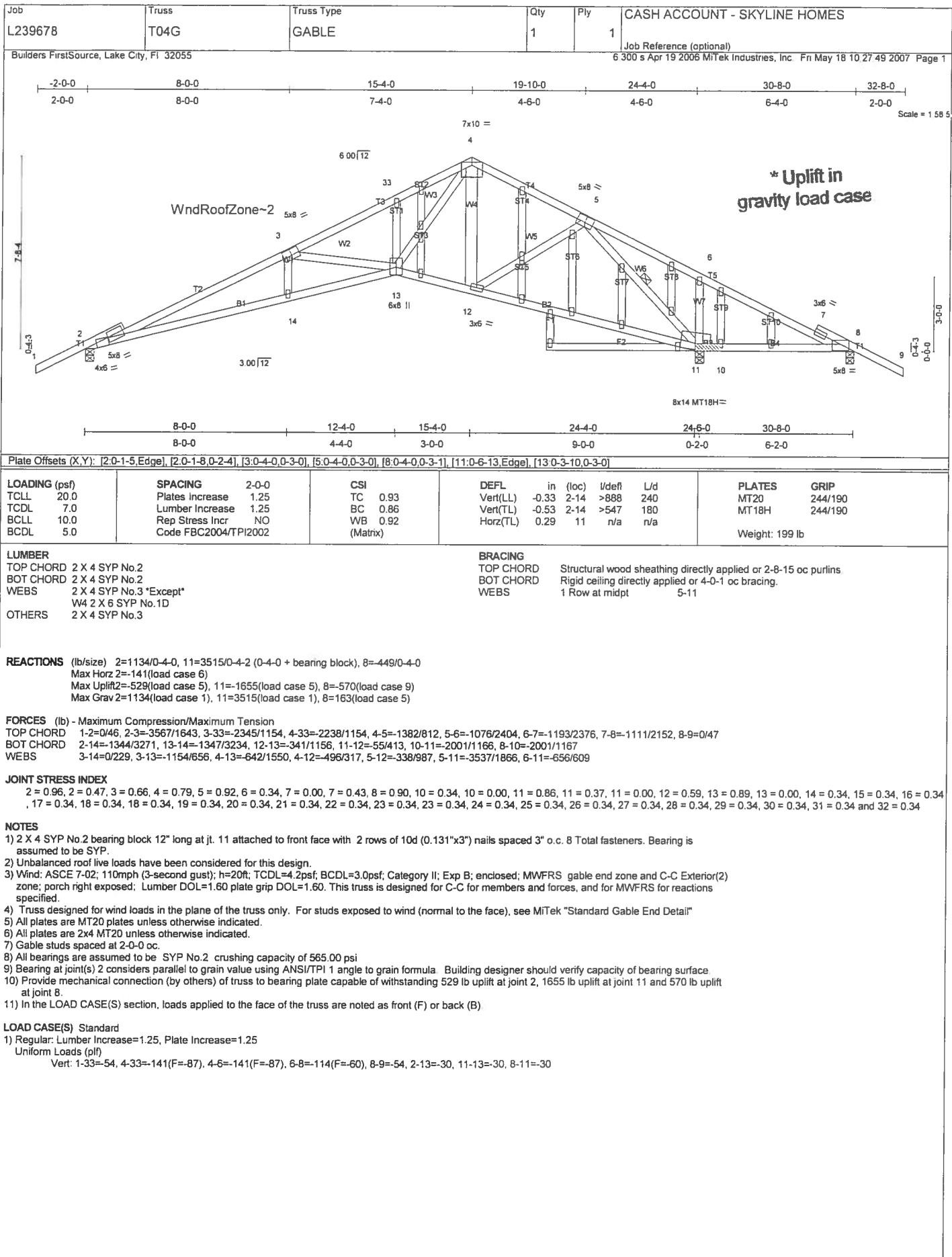
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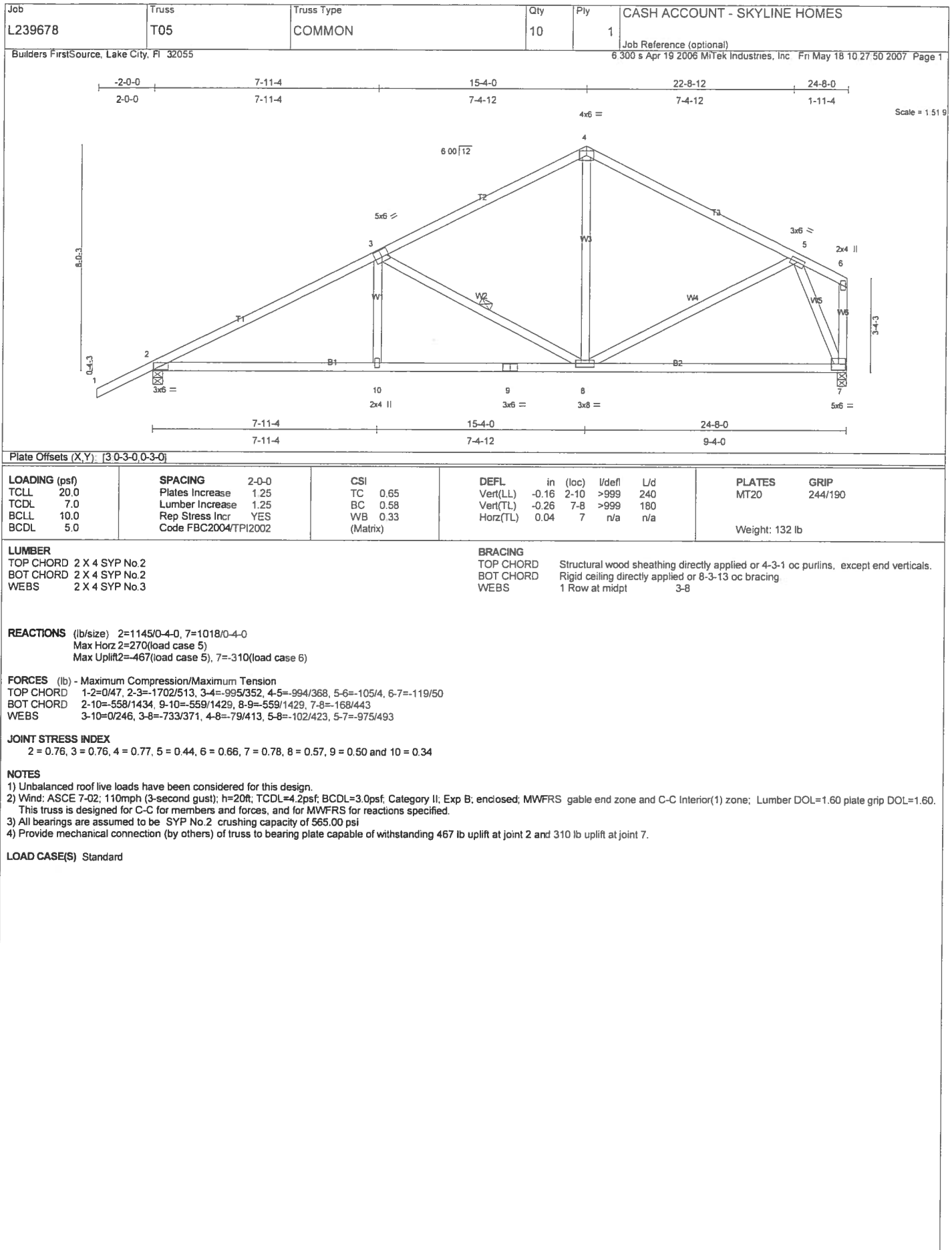
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 330 lb uplift at joint 8 and 460 lb uplift at joint 2.

LOAD CASE(S) Standard









Job L239678	Truss T05G	Truss Type GABLE	Qty 1	Ply 1	CASH ACCOUNT - SKYLINE HOMES
Builders FirstSource, Lake City, FL 32055			6.300 s Apr 19 2006 MiTek Industries, Inc. Fri May 18 10 27 52 2007 Page 1		

Scale = 1/517

Plate Offsets (X,Y): [2'-0"-3'-8" Edge], [2'-0"-0'-8" Edge], [6'-0"-3'-0"-0'-3'-0"], [10'-0"-3'-0" Edge]					
LOADING (psf)	SPACING	2'-0"-0"	CSI	DEFL	PLATES
TCLL 20.0	Plates Increase	1.25	TC 0.49	in (loc)	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.11	l/defl	GRIP
BCLL 10.0	Rep Stress Incr	NO	WB 0.19	L/d	244/190
BCDL 5.0	Code FBC2004/TP12002		(Matrix)	Horz(TL)	
					Weight: 156 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" oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.
---	---

REACTIONS (lb/size) 2=559/24-8-0, 16=150/24-8-0, 23=289/24-8-0, 24=288/24-8-0, 25=310/24-8-0, 26=184/24-8-0, 27=524/24-8-0, 21=281/24-8-0, 20=281/24-8-0, 19=291/24-8-0, 18=280/24-8-0, 17=322/24-8-0
 Max Horz 2=255(load case 5)
 Max Uplift 2=246(load case 5), 16=50(load case 6), 23=146(load case 5), 24=132(load case 5), 25=134(load case 5), 26=115(load case 5), 27=173(load case 5), 21=42(load case 5), 20=14(load case 5), 19=155(load case 6), 18=120(load case 6), 17=166(load case 6)
 Max Grav 2=559(load case 1), 16=151(load case 10), 23=291(load case 9), 24=288(load case 1), 25=310(load case 9), 26=185(load case 9), 27=524(load case 1), 21=281(load case 1), 20=281(load case 1), 19=293(load case 10), 18=280(load case 1), 17=322(load case 1)

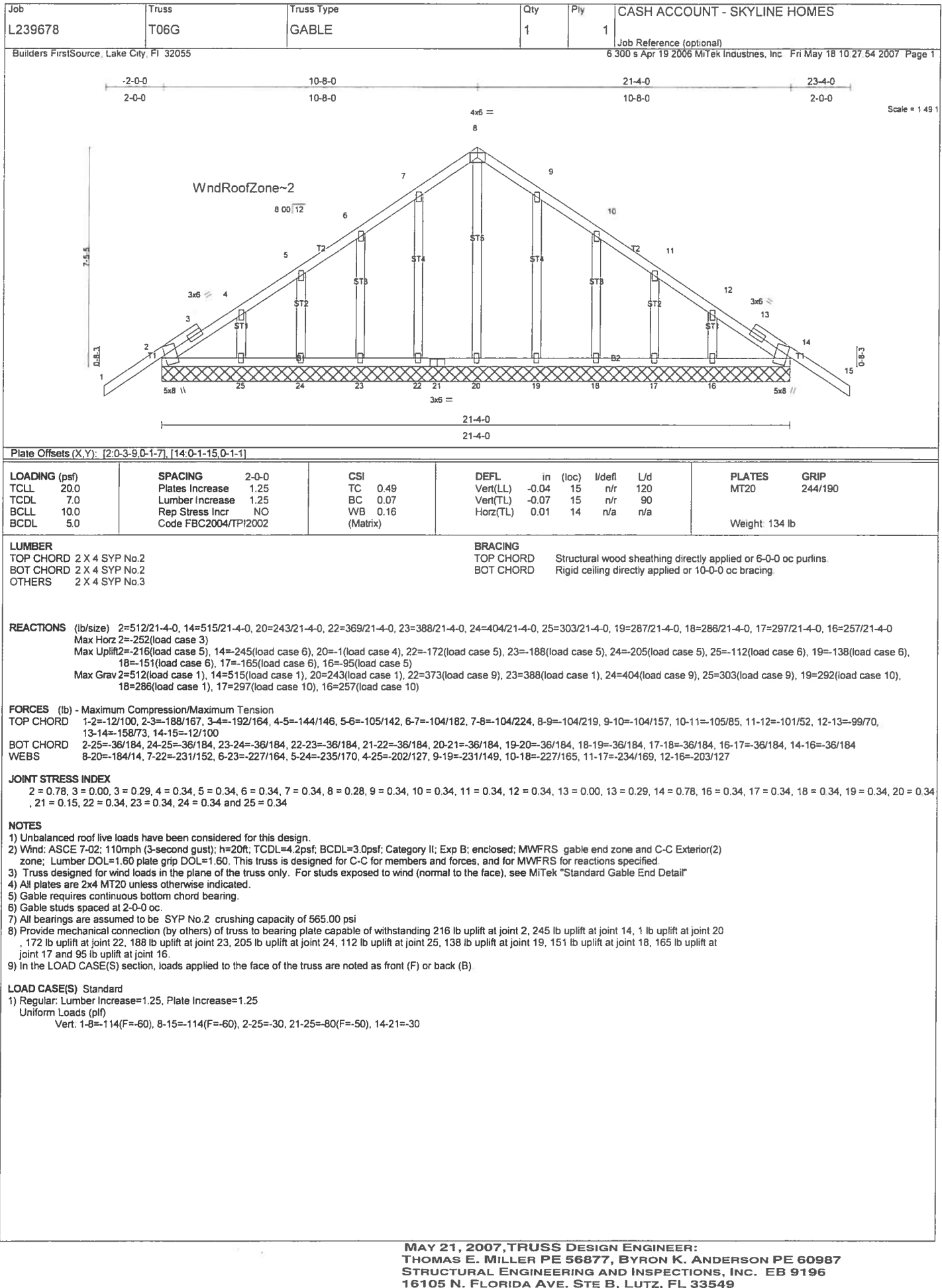
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-12/99, 2-3=-151/46, 3-4=-164/88, 4-5=-92/71, 5-6=-60/94, 6-7=-66/131, 7-8=-63/166, 8-9=-64/214, 9-10=-61/210, 10-11=-61/210, 11-12=-65/214, 12-13=-63/146, 13-14=-66/94, 14-15=-63/49, 16-28=-119/63, 15-28=-119/63
 BOT CHORD 2-27=-3/15, 26-27=-3/15, 25-26=-3/15, 24-25=-1/11, 23-24=-1/11, 22-23=-1/11, 21-22=-1/11, 20-21=-1/11, 19-20=-1/11, 18-19=-1/11, 17-18=-1/11, 16-17=-1/11
 WEBS 8-23=-230/163, 7-24=-231/144, 6-25=-241/148, 5-26=-157/122, 4-27=-394/198, 9-21=-222/54, 11-20=-221/26, 12-19=-233/166, 13-18=-221/134, 14-17=-256/172

JOINT STRESS INDEX
 2 = 0.65, 2 = 0.18, 3 = 0.00, 3 = 0.37, 4 = 0.34, 5 = 0.34, 6 = 0.19, 7 = 0.34, 8 = 0.34, 9 = 0.34, 10 = 0.24, 11 = 0.34, 12 = 0.34, 13 = 0.34, 14 = 0.34, 15 = 0.34, 16 = 0.34, 16 = 0.00, 17 = 0.34, 18 = 0.34, 19 = 0.34, 20 = 0.34, 21 = 0.34, 22 = 0.15, 23 = 0.34, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.00 and 28 = 0.00

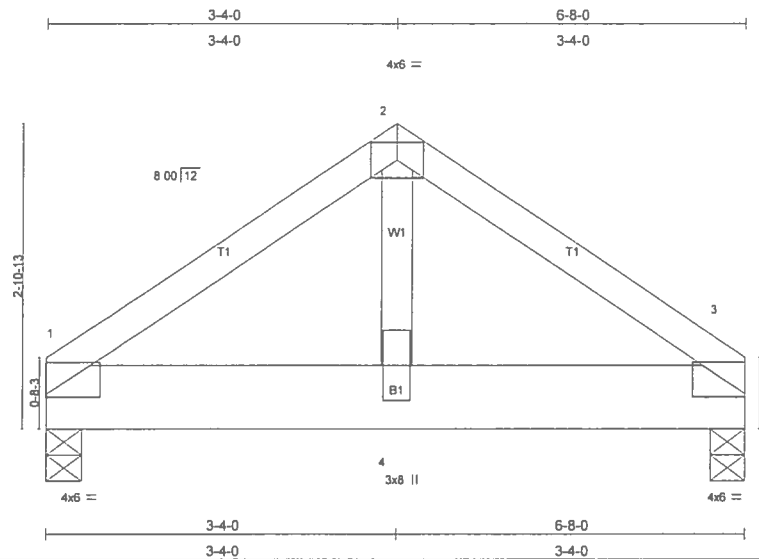
NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) 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" oc.
 7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 8) Provide mechanical connection (by others) to truss to bearing plate capable of withstanding 246 lb uplift at joint 2, 50 lb uplift at joint 16, 146 lb uplift at joint 23, 132 lb uplift at joint 24, 134 lb uplift at joint 25, 115 lb uplift at joint 26, 173 lb uplift at joint 27, 42 lb uplift at joint 21, 14 lb uplift at joint 20, 155 lb uplift at joint 19, 120 lb uplift at joint 18 and 166 lb uplift at joint 17.
 9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-10=-114(F=-60), 10-15=-114(F=-60), 2-16=-30

MAY 21, 2007, 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



Job L239678	Truss T07	Truss Type COMMON	Qty 1	Ply 2	CASH ACCOUNT - SKYLINE HOMES
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6300 s Apr 19 2006 MiTek Industries, Inc Fri May 18 10:27:55 2007 Page 1



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.11	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.10	Vert(LL) -0.01 4 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.28	Vert(TL) -0.01 4 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 72 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

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) 1=1751/0-4-0, 3=1751/0-4-0
 Max Horz 1=84(load case 3)
 Max Uplift 1=664(load case 4), 3=664(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1599/600, 2-3=-1599/599
 BOT CHORD 1-4=-439/1236, 3-4=-439/1236
 WEBS 2-4=-618/1728

JOINT STRESS INDEX

1 = 0.28, 2 = 0.46, 3 = 0.28 and 4 = 0.28

NOTES

- 2-ply truss to be connected together with 10d (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 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- 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.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 664 lb uplift at joint 1 and 664 lb uplift at joint 3.
- Girder carries tie-in span(s): 24-8-0 from 0-0-0 to 6-8-0

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54, 2-3=-54, 1-3=-499(F=-469)

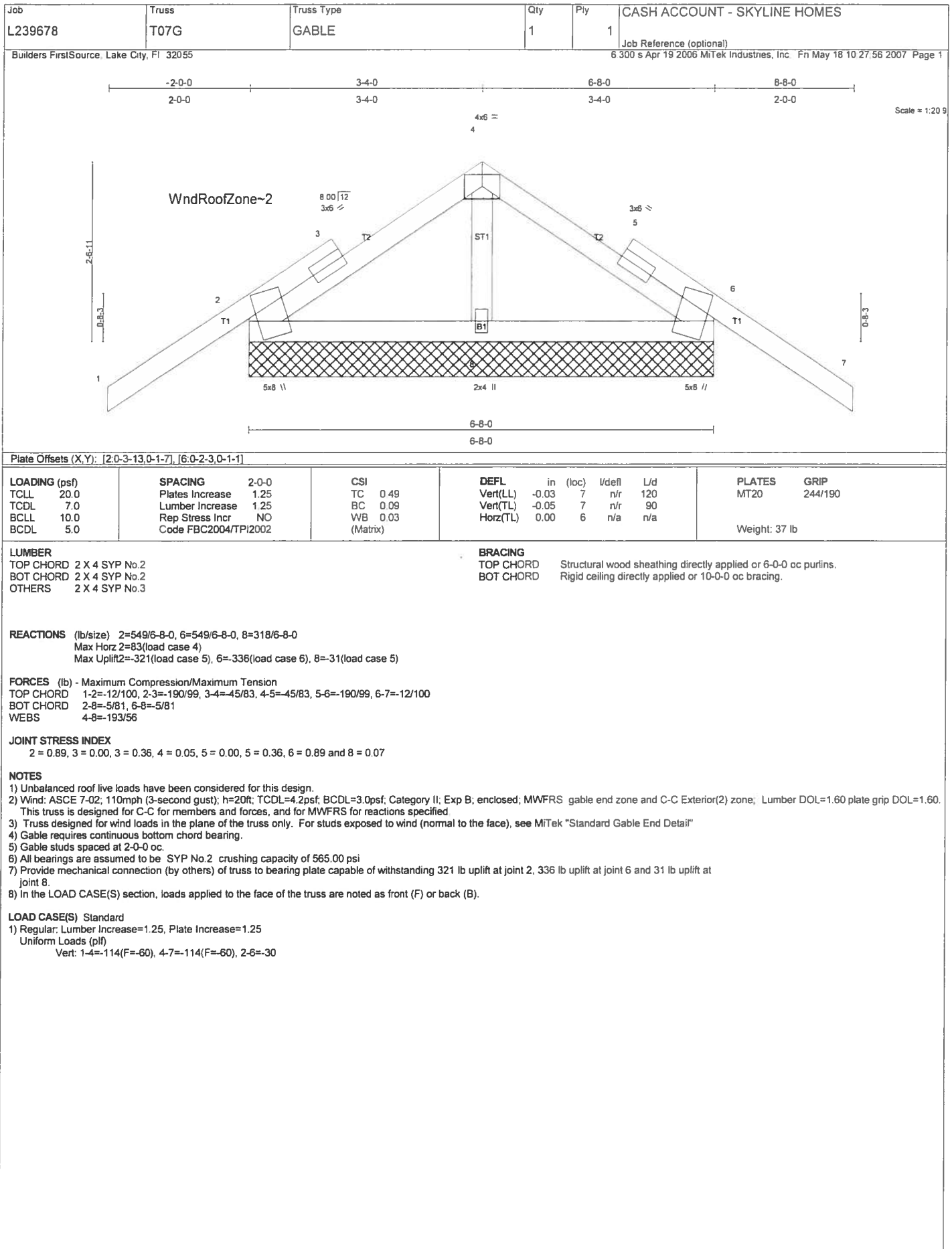
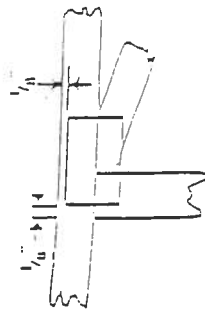
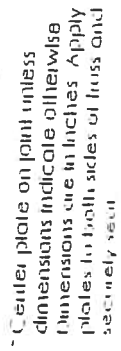


PLATE LOCATION AND ORIENTATION



* for a 2 orientation locate plates 1/11 from outside edge of buss and vertical web



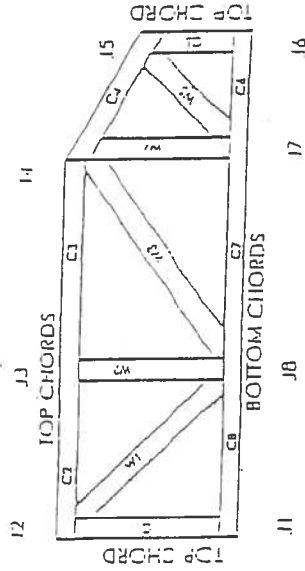
* This symbol indicates the required direction of slots in connector plates

17X1

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

Indicates location of required continuous lateral bracing

Indicates location of joints at which bearings (supports) occur



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

UCCA	96-31, 96-67
ICBQ	3907, 4922
SBCCI	9667, 9432A
WISC/DIHR	960022-W, 970036-I
IHER	561



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties
2. Cut members to bear tightly against each other
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and weak areas at joint locations
4. Unless otherwise noted, locate chord splices at 1/4 panel length (1.5' from adjacent joint)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection
8. Plate type, size and location dimensions shown indicate minimum plating requirements
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified
10. Top chords must be sheathed or pulins provided at spacing shown on design
11. Bottom chords require lateral bracing at 10 ft spacing or less. If no ceiling is installed, unless otherwise noted
12. Anchorage and / or load transferring connections to lusses are the responsibility of others unless shown
13. Do not overload roof or floor lusses with stacks of construction materials
14. Do not cut or alter truss member or plate without prior approval of a professional engineer
15. Care should be exercised in handling, erection and installation of lusses

I

**AAMA/NWDA 101/1.8.3-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 630 Fm

TYPE: Aluminum Single Hung Window

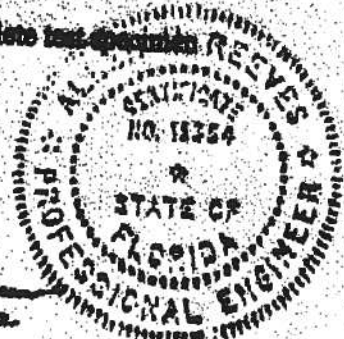
Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cm ³ /ft ²
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
De-glazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hesa
Mark A. Hesa, Technician

MAH:nb



II

Architectural Testing

AAMA/NWDA 101/LS-2-97 TEST REPORT

Rendered to

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

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethtown, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

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

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 3/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced vinyl spacer system. The active sash was charcoal glazed utilizing a flexible vinyl weatherstripping gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

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

Allen G. Roman
1 APRIL 2002



III

Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 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. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

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 jamb screw boss.

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

Hardware:

Description	Quantity	Location
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

Allen H. Reeves
1 APRIL 2002



IV

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test 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	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft ²	0.3 cfm/ft ² max

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

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.42" 0.43"	0.25" max. 0.26" max.

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

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
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Allen H. Reeves
1 APRIL 2002



VI

01-41134.01
Page 5 of 5

... of the test specimen, and a copy of this report will be

VI

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:alb
01-41134.01



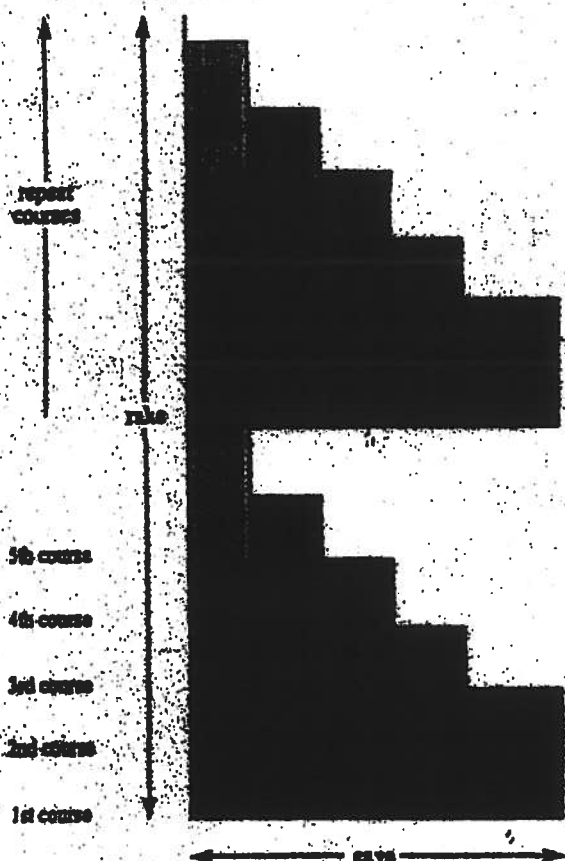
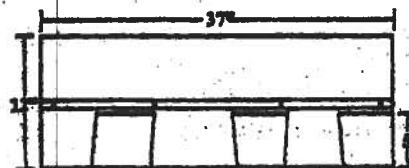
Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002





Application Instructions For Heritage® 25 Series Shingles

SPECIFICATIONS (APPROX.)	
Length	37"
Width	12"
Bundles per Sq.	3
Shingles per Sq.	78
Shingles per Bundle	26
Coverage per Sq. (Sq. Ft.)	100
Exposure	5"



The 4 cuts in the first 10 courses:



In the first 10 courses, there are 4 cuts and no waste.

When you reach the other side of the roof, whatever has to be trimmed off can be used in the field of roofing.

For additional application information consult the application instructions printed on the product package.

NOTE: These application instructions apply only to Heritage 25 and Heritage 25 AR shingles.



Application Instructions for

- Glass-Seal
 - Glass-Seal AR
 - Elite Glass-Seal®
 - Elite Glass-Seal® AR
- ### THREE-TAB ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER. IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

1. ROOF DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and ridges.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thick, and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongue-and-groove boards and not over 6 in. nominal width. Boards shall be at 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

1. Vapor Condensation
2. Buckling of shingles due to deck movement
3. Rotting of wood members
4. Premature failure of roof

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents.

FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

3. FASTENING

NAILS: TAMKO recommends the use of nails as the preferred method of application.

WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. Shingles can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These

conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

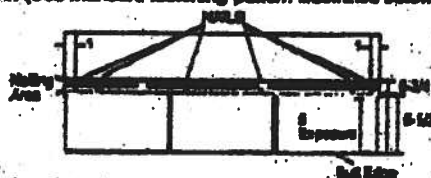
Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, TAMKO will not be responsible for any shingles blown off or displaced. TAMKO will not be responsible for damage to shingles caused by winds or gusts exceeding gale force. Gale force shall be the standard as defined by the U.S. Weather Bureau.

FASTENING PATTERNS: Fasteners must be placed above or below the factory applied sealant in an area between 5-1/2" and 8-3/4" from the butt edge of the shingle. Fasteners should be located horizontally according to the diagram below. Do not nail into the sealant. TAMKO recommends nailing below the sealant whenever possible for greater wind resistance.

- 1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1 in. back from each end and one 12 in. back from each end of the shingle for a total of 4 fasteners. (See standard fastening pattern illustrated below.)



- 2) Mansard or High Wind Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) One fastener 1 in. back from each end and one fastener 10-1/2 in. back from each end and one fastener 13-1/2 in. back from each end for a total of 6 fasteners per shingle. (See Mansard fastening pattern illustrated below.)



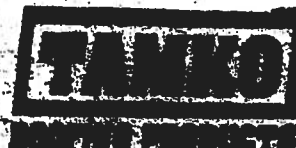
NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12-gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in.

(Continued)

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Southeast District	2300 34th St., Tuscaloosa, AL 35401	800-228-2888
Southwest District	7910 S. Central Exp., Dallas, TX 75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO 80216	800-630-8668

07/01



(CONTINUED FROM P. 2)

- Glass-Seal
 - Glass-Seal AR
 - Elite Glass-Seal®
 - Elite Glass-Seal® AR
- THREE-TAB ASPHALT SHINGLES**

with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a 5.25 piece and applied to shingles with a 5 in. exposure, use 8 fasteners per shingle. See Section 3 for the Massured Fastening Pattern.

4. RE-ROOFING

Before re-roofing, be certain to inspect the roof deck. All plywood must meet the requirements listed in Section 1.

Nail down or remove curled or broken shingles from the existing roof. Replace all missing shingles with new ones to provide a smooth base. Shingles that are buckled usually indicate warped decking or protruding nails. Hammer down all protruding nails or remove them and replace in a new location. Remove all drip edge metal and replace with new.

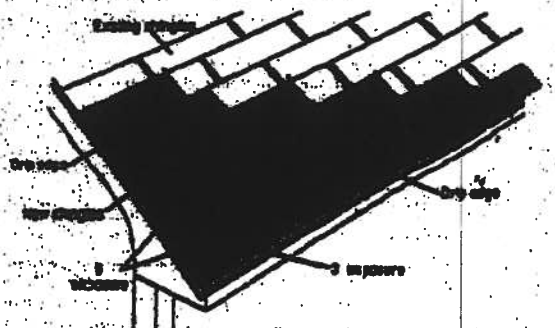
If re-roofing over an existing roof where new flashing is required to protect against ice dams (freeze/thaw cycle of water and/or the backup of water in frozen or clogged gutters), remove the old roofing to a point at least 24 in. beyond the interior wall line and apply TAMKO's Moisture Guard Plus® waterproofing underlayment. Contact TAMKO's Technical Services Department for more information.

The nailing pattern described below is the preferred method for re-roofing over existing asphalt shingles with a 5 in. exposure.

Shingle Starter: Begin by using TAMKO Shingle Starter or by cutting shingles into 2 x 36 inch strips. This is done by removing the 5 in. tab from the bottom and approximately 2 in. from the top of the shingles so that the remaining portion is the same width as the exposure of the old shingles. Apply the starter piece so that the self-sealing adhesive seal along the edges and is even with the existing roof. The starter strip should be wide enough to overhang the eaves and carry water into the gutter. Remove 3 in. from the length of this first starter shingle to ensure that the joints from the old roof do not align with the new.

First Course: Cut off approximately 2 in. from the bottom edge of the shingles so that the shingles fit beneath the existing third course and align with the edge of the starter strip. Start the first course with a full 36 in. long shingle and fasten according to the instructions printed in Section 3.

Second and Subsequent Courses: According to the off-set application method you choose to use, remove the appropriate length from the



rake end of the first shingle in each succeeding course. Place the top edge of the new shingle against the butt edge of the old shingles in the courses above. The full width shingle used in the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in. exposure.

5. VALLEY APPLICATION

Over the shingle underlayment, center a 36 in. wide sheet of TAMKO Nail-Past® or a minimum 50 lb. roofing felt in the valley. Nail the felt only where necessary to hold it in place and then only nail the outside edges.

IMPORTANT: PRIOR TO INSTALLATION WARM SHINGLES TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLES TO FORM VALLEY.

- Apply the first course of shingles along the eaves of one of the intersecting roof planes and across the valley.

Note: For proper flow of water over the binned shingle, always start applying the shingles on the roof plane that has the lower slope or less height.

- Extend the end shingle at least 12 in. onto the adjoining roof. Apply succeeding courses in the same manner, extending them across the valley and onto the adjoining roof.
- Do not trim if the shingle length exceeds 12 in. Lengths should vary.
- Press the shingles tightly into the valley.
- Use normal shingle fastening methods.

Note: No fastener should be within 5 in. of the valley centerline, and two fasteners should be placed at the end of each shingle crossing the valley.

- To the adjoining roof plane, apply one row of shingles extending it over previously applied shingles and trim a minimum of 2 in. back from the centerline of the valley.

Note: For a better installation, snap a shingle over the shingles for guidance.

- Clip the upper corner of each shingle at a 45-degree angle and embed the end of the shingle in a 3 in. wide strip of asphalt plastic cement. This will prevent water from penetrating between the courses by directing it into the valley.

CAUTION: Adhesive must be applied in smooth, thin, even layers.

Excessive use of adhesive will cause blistering in this product.

TAMKO assumes no responsibility for blistering.



(Continued)

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(CONTINUED from Pg. 3)

• Glass-Seal
• Glass-Seal AR

• Elite Glass-Seal®
• Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

FOR ALTERNATE VALLEY APPLICATION METHODS, PLEASE CONTACT TAMKO'S TECHNICAL SERVICES DEPARTMENT.

12. HIP AND RIDGE FASTENING DETAIL.

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the edge opposite the direction of the prevailing winds. Secure each shingle with one fastener 5-1/2 in. back from the exposed end and 1 in. up from the edge. Do not nail directly into the sealant.

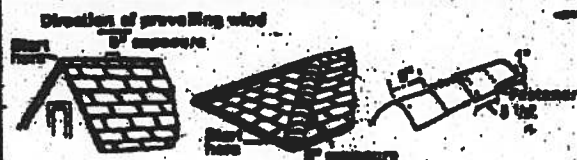
TAMKO recommends the use of TAMKO Hip & Ridge shingle products. Where matching colors are available, it is acceptable to use TAMKO's Glass-Seal or Elite Glass-Seal shingles out down to 12 in. pieces.

NOTE: AR type shingle products should be used as Hip & Ridge on Glass-Seal AR and Elite Glass-Seal AR shingles.

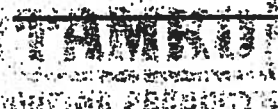
Fasteners should be 1/4 in. longer than the one used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHEN BENDING SHINGLES IN COOL WEATHER.

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.



THIS PRODUCT IS COVERED BY A LIMITED WARRANTY. THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.



IMPORTANT - READ CAREFULLY BEFORE OPENING BUNDLE

In this paragraph "You" and "Your" refer to the installer of the shingles and the owner of the building on which these shingles will be installed. This is a legally binding agreement between You and TAMKO Roofing Products, Inc. ("TAMKO"). By opening this bundle You agree: (a) to install the shingles strictly in accordance with the instructions printed on this wrapper; or (b) that shingles which are not installed strictly in accordance with the instructions printed on this wrapper are sold "AS IS" and are not covered by the limited warranty that is also printed on this wrapper, or any other warranty, including, but not limited to (except where prohibited by law) implied warranties of MERCHANTABILITY and FITNESS FOR USE.

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Southwest District	7910 S. Central Exp., Dallas, TX 75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO 80216	800-830-8888

0701



FLORIDA BUILDING CODE

- Overview
- User Registration
- Organization Registration
- User Activation
- Organization Search
- Organization Activation

Select the organization type, status, or name to find an organization

Organization Product Manufacturer Type

Approval Status: (ALL)

Organization General American Door - Product Manufacturer Name:

Search

Cancel

Result List for Organizations

Displaying 1-1 of 1

Name	City	Contact	Phone	Type	Expires	Status
General American Door	Montgomery	James Campbell	6308593000	Product Manufacturer	01/01/2009	Approved

Org Code FDM System ID# 3385 Info Mailer URL: none.0002

Displaying 1-1 of 1

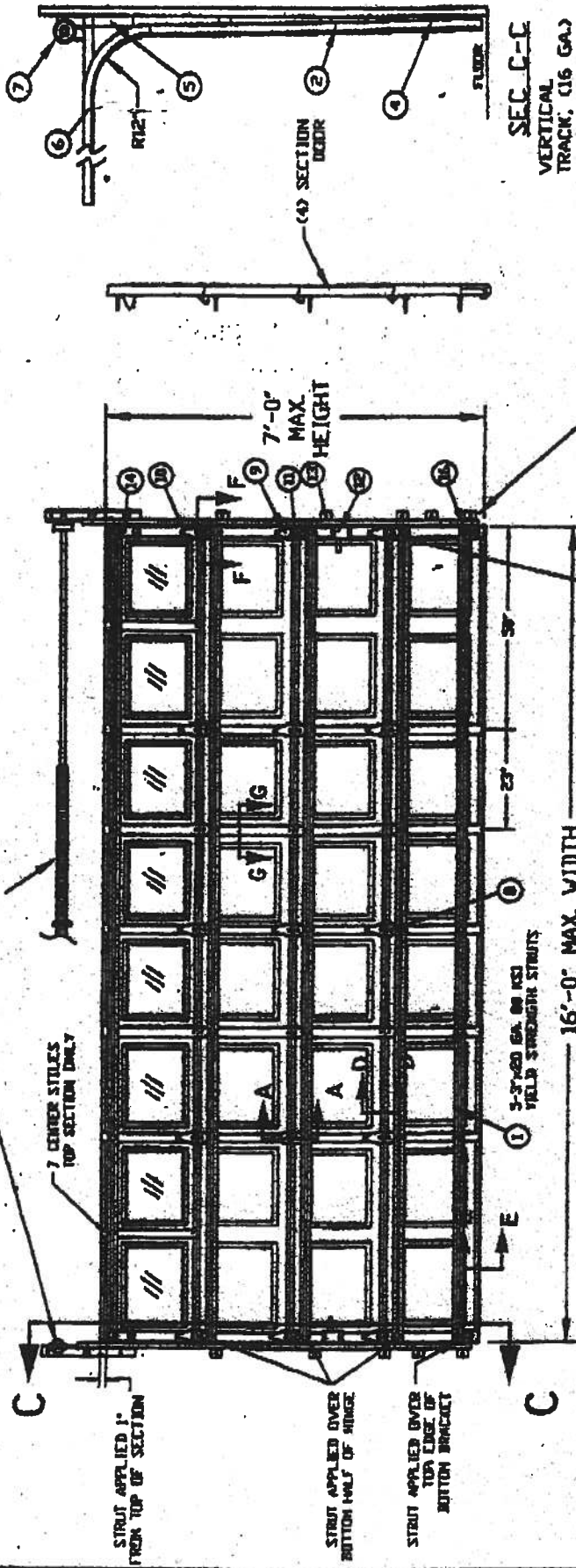
Copyright 2004 Columbia Door Company. All rights reserved. This page may contain confidential information. If you are not an authorized user, please do not disseminate or use this information. If you are an authorized user, please do not disseminate or use this information for any purpose other than the intended use.

NOTES:

1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 20 PSF TEST PRESSURES FOR ASTM E-330
2. MAXIMUM SECTION HEIGHT = 21'
3. SECTION HEIGHTS OF 21' AND 14.5' ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS RISE HEIGHTS
4. VARIOUS MAY BE INSTALLED IN THE TOP SECTION AS TESTED WITH 1/4" RISE CLASPS OR EQUIVALENT UP IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION

5. MAXIMUM LENGTH OF ROLLER STICK IS 24' 0" AS TESTED
6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE RISE SHAPE
7. STRUTS REQUIRED AT ALL LIGHTING WITH TEST SCHEME
8. QUANTITY OF SILE LOGS CAN BE Q1 OR Q2 AS REQUIRED
9. DROP IN TYPE OF INSULATION IS OPTIONAL

NOT PART OF WIND LOAD SYSTEM
EXTENSION SPRING COUNTERBALANCE
TURNING SPRING COUNTERBALANCE



INSIDE ELEVATION



The seal on this drawing only certifies that the product(s) illustrated and described herein represent the configuration(s), dimensions and installation(s) of the door as tested.

TEST REPORTS ON FILE VIDEO 10/19/00 008730

DESIGN LOAD +200 PSF & -200 PSF
TEST LOAD +300 PSF & -300 PSF



GA DOOR MARKS
SERIES 7400, EXTERIOR STEEL = .07 MIN AS TESTED
SERIES 7625, EXTERIOR STEEL = .07 MIN AS TESTED
SERIES 7524, EXTERIOR STEEL = .024" MIN AS TESTED
TESTED WITH VIDEOS

GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

DOOR SIZE	DOOR 18'-00"-00"	APPROVED BY	REVISIONS
DOOR 18'-00"-00"	DOOR 18'-00"-00"	DOOR 18'-00"-00"	DOOR 18'-00"-00"
DOOR 18'-00"-00"	DOOR 18'-00"-00"	DOOR 18'-00"-00"	DOOR 18'-00"-00"
DOOR 18'-00"-00"	DOOR 18'-00"-00"	DOOR 18'-00"-00"	DOOR 18'-00"-00"

MAXIMUM DOOR WIDTH	MAXIMUM DOOR HEIGHT	TYPICAL RISE STILE SPACING	STIFFENING DOOR KIT	VERTICAL TRACK
16'	7'	23"	3'	5
16'	7'	23"	3'	5
16'	7'	23"	3'	5

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

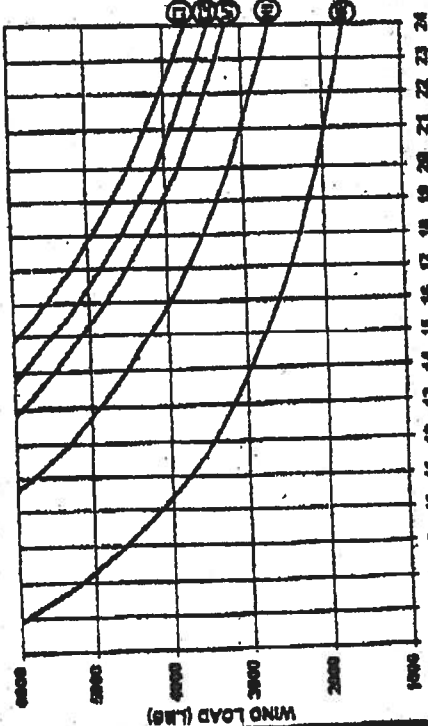
2x6 PRESSURE TREATED GRADE #2 OR BETTER SOUTHERN PINE VOOB JAMB SHALL BE ANCHORED TO BUILDING VOOB FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES

- 1) ALL HOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.
- 2) ALL HOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION" SSTS 10, "CURRENT EDITION."
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) VOOB FRAME BUILDINGS STUDS AT EACH SIDE OF HOOR OPENING SHALL BE PROPERLY REINFORCED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2x6 PRESSURE TREATED SOUTHERN PINE (SP) GRADE OR BETTER VALL STUDS CONTINUOUS FROM FLOORING TO DOUBBLE TOP PLATE.
- 5) REINFORCED CMU OR CONCRETE 2x6 VOOB JAMB SHALL BE ANCHORED TO STABLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- 6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 3-3/4"
- 8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2x6 VALL STUDS.
- 9) WASHERS ARE REQUIRED ON ALL FASTENERS.
- 10) THE VOOB LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM HOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN VOOB LOAD.
- 11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2x6 VOOB JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 VOOB JAMB ANCHORS, AND AN ADDITIONAL 2x6 VOOB JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO VOOB JAMB ANCHORS.

- ① CONCRETE MASONRY UNIT (CMU) OR BETTER SOUTHERN PINE VOOB JAMB SHALL BE ANCHORED TO BUILDING VOOB FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.
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WIND LOAD VS. ANCHOR SPACING



MAXIMUM ANCHOR SPACING (INCHES) PER EACH JAMB

DESIGN (LBS) X GARAGE HOOR AREA (WIDTH-FT X HEIGHT-FT) = WIND LOAD (LBS)

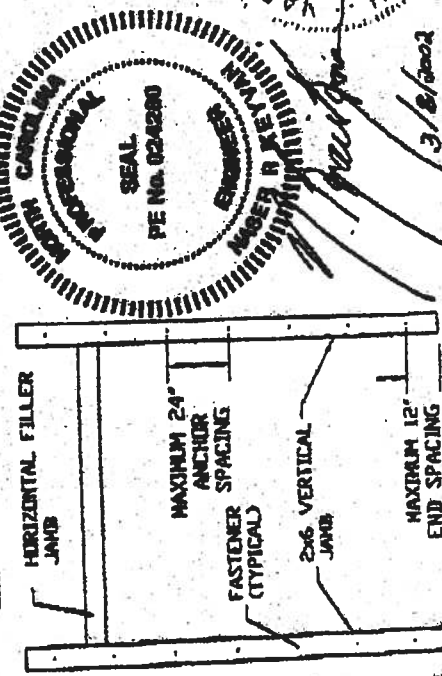
LOAD (LBS)

EXAMPLE

30 LBS X 0.6 FT WIDE X 8 FT HIGH = 3040 LBS

- ① USE 22" SPACING
- ② USE 21" SPACING
- ③ USE 19" SPACING

SEE NOTE 11 FOR ANCHORING REINFORCED 2x6 VOOB JAMB ANCHORS



3/8/2002

AMERICAN DOOR COMPANY 3800 BASSEL DRIVE MONTGOMERY, IL 60538	
ORDER NO. 100-000000	ORDER BY JLV
DATE 6-20-99	ORDER NO. 100-000000
ORDER FOR JAMB TO STRUCTURE ATTACHMENT FOR VOOB LOADED GARAGE HOORS	
ORDER NO. 100-000000	

Residential System Sizing Calculation

Summary

Spec: House

Project Title:
Skyline Homes - Burley Road Spec

Code Only
Professional Version
Climate: North

Lat: City, FL 3: 025-

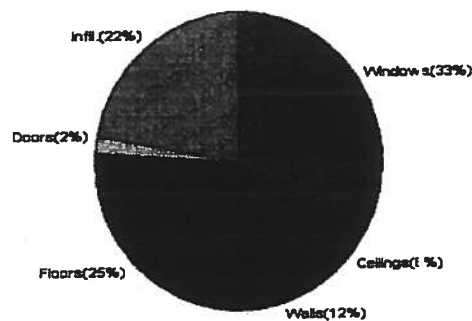
5/17/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	30390 Btuh	Total cooling load calculation	38654 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	118.5 36000	Sensible (SHR = 0.75)	83.7 27000
Heat Pump + Auxiliary(0.0kW)	118.5 36000	Latent	140.5 9000
		Total (Electric Heat Pump)	93.1 36000

WINTER CALCULATIONS

Winter Heating Load (for 1526 sqft)

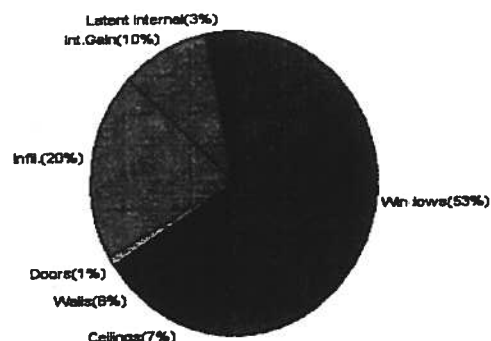
Load component		Load	
Window total	213 sqft	9999	Btuh
Wall total	1156 sqft	3797	Btuh
Door total	40 sqft	518	Btuh
Ceiling total	1526 sqft	1798	Btuh
Floor total	176 sqft	7684	Btuh
Infiltration	163 cfm	6593	Btuh
Heat loss		0	Btuh
Subtotal		30390	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		30390	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1526 sqft)

Load component		Load	
Window total	213 sqft	20573	Btuh
Wall total	1156 sqft	2326	Btuh
Door total	40 sqft	392	Btuh
Ceiling total	1526 sqft	2527	Btuh
Floor total		0	Btuh
Infiltration	142 cfm	2651	Btuh
Internal gain		3780	Btuh
Heat gain		0	Btuh
Solar Ventilation	0 cfm	0	Btuh
Total sensible gain		32249	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		5205	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		6405	Btuh
TOTAL HEAT GAIN		38654	Btuh



For Florida residences only

EnergyGauge® FLRCPB v4.1

EnergyGauge® System Sizing

PREPARED BY: Justin Smith

DATE: 5-17-07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec: House

Project Title:
Skyline Homes - Burley Road Spec

Code Only
Professional Version
Climate: North

Location: City, FL 32025-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

5/17/2007

Component Loads for Whole House						
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	1, Clear, Metal, 1.27	W	75.0		47.0	3524 Btuh
2	1, Clear, Metal, 1.27	W	40.0		47.0	1880 Btuh
3	1, Clear, Metal, 1.27	W	3.0		47.0	141 Btuh
4	1, Clear, Metal, 1.27	N	15.0		47.0	705 Btuh
5	1, Clear, Metal, 1.27	E	18.0		47.0	846 Btuh
6	1, Clear, Metal, 1.27	E	13.3		47.0	625 Btuh
7	1, Clear, Metal, 1.27	E	12.5		47.0	587 Btuh
8	1, Clear, Metal, 1.27	E	16.0		47.0	752 Btuh
9	1, Clear, Metal, 1.27	S	20.0		47.0	940 Btuh
Window Total			213(sqft)			9999 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1008		3.3	3311 Btuh
2	Frame - Wood - Adj(0.09)	13.0	148		3.3	486 Btuh
Wall Total			1156			3797 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
Door Total			40			518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1526		1.2	1798 Btuh
Ceiling Total			1526			1798 Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	176.0 ft(p)		43.7	7684 Btuh
Floor Total			176			7684 Btuh
Zone Envelope Subtotal:						23797 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	12208	162.8		6593 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					30390 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec: House

Project Title:

Code Only

Skyline Homes - Burley Road Spec

Professional Version

Lat: City, FL 3: 025-

Climate: North

5/17/2007

FILE HOUSE TOTALS

	Subtotal Sensible	30390 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	30390 Btuh

Key Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (Frame types - metal, wood or insulated metal)
 (U - Window U-Factor or 'DEF' for default)
 (HTM - ManualJ Heat Transfer Multiplier)

Key Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec: House

Project Title:
Skyline Homes - Burley Road Spec

Code Only
Professional Version
Climate: North

Lat: City, FL 3: 025-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

5/17/2007

Component Loads for Zone #1: Main					
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	W	75.0	47.0	3524 Btuh
2	1, Clear, Metal, 1.27	W	40.0	47.0	1880 Btuh
3	1, Clear, Metal, 1.27	W	3.0	47.0	141 Btuh
4	1, Clear, Metal, 1.27	N	15.0	47.0	705 Btuh
5	1, Clear, Metal, 1.27	E	18.0	47.0	846 Btuh
6	1, Clear, Metal, 1.27	E	13.3	47.0	625 Btuh
7	1, Clear, Metal, 1.27	E	12.5	47.0	587 Btuh
8	1, Clear, Metal, 1.27	E	16.0	47.0	752 Btuh
9	1, Clear, Metal, 1.27	S	20.0	47.0	940 Btuh
Window Total			213(sqft)		9999 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1008	3.3	3311 Btuh
2	Frame - Wood - Adj(0.09)	13.0	148	3.3	486 Btuh
Wall Total			1156		3797 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
Door Total			40		518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1526	1.2	1798 Btuh
Ceiling Total			1526		1798 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	176.0 ft(p)	43.7	7684 Btuh
Floor Total			176		7684 Btuh
Zone Envelope Subtotal:					23797 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.80	12208	162.8	6593 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				30390 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec: House

Project Title:

Code Only

Skyline Homes - Burley Road Spec

Professional Version

Lat: City, FL 31025-

Climate: North

5/17/2007

FILE HOUSE TOTALS

	Subtotal Sensible	30390 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	30390 Btuh

Key Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec: House

Project Title:
Skyline Homes - Burley Road Spec

Code Only
Professional Version
Climate: North

Lat: City, FL 3: 025-

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

5/17/2007

Component Loads for Whole House

V	Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load		
		Pn		SHGC/U/InSh/ExSh/IS	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
	1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	75.0	0.0	75.0	37	94	7053	Btuh	
	2	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	40.0	0.0	40.0	37	94	3762	Btuh	
	3	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	3.0	0.0	3.0	37	94	282	Btuh	
	4	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	15.0	0.0	15.0	37	37	562	Btuh	
	5	1, Clear, 1.27, None,N,N	E	7.5ft	8ft.	18.0	7.3	10.7	37	94	1277	Btuh	
	6	1, Clear, 1.27, None,N,N	E	7.5ft	8ft.	13.3	9.8	3.5	37	94	699	Btuh	
	7	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	12.5	0.0	12.5	37	94	1176	Btuh	
	8	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	16.0	0.0	16.0	37	94	1505	Btuh	
	9	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	20.0	20.0	0.0	37	43	749	Btuh	
		Ex :ursion									3509	Btuh	
		Window Total				213 (sqft)					20573 Btuh		
	Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load		
	1	Frame - Wood - Ext		13.0/0.09		1008.2			2.1		2103 Btuh		
	2	Frame - Wood - Adj		13.0/0.09		148.0			1.5		223 Btuh		
		Wall Total				1156 (sqft)					2326 Btuh		
	Floors	Type				Area (sqft)			HTM		Load		
	1	Insulated - Adjacent				20.0			9.8		196 Btuh		
	2	Insulated - Exterior				20.0			9.8		196 Btuh		
		Door Total				40 (sqft)					392 Btuh		
	Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load		
	1	Vented Attic/DarkShingle		30.0		1526.0			1.7		2527 Btuh		
		Ceiling Total				1526 (sqft)					2527 Btuh		
	Floors	Type		R-Value		Size			HTM		Load		
	1	Slab On Grade		0.0		176 (ft(p))			0.0		0 Btuh		
		Floor Total				176.0 (sqft)					0 Btuh		
		Zone Envelope Subtotal:										25319 Btuh	
	Infiltration	Type		ACH		Volume(cuft)			CFM=		Load		
		SensibleNatural		0.70		12208			142.4		2651 Btuh		
	Internal gain			Occupants		Btuh/occupant			Appliance		Load		
				6		X 230 +			2400		3780 Btuh		
	Direct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)								DGM = 0.00		0.0 Btuh	
		Sensible Zone Load										32249 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec: House

Project Title:
Skyline Homes - Burley Road Spec

Code Only
Professional Version
Climate: North

Lat: City, FL 3: 025-

5/17/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	32249 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	32249 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	32249 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5205 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	6405 Btuh
	TOTAL GAIN	38654 Btuh

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Species: House

Project Title:
Skyline Homes - Burley Road Spec

Code Only
Professional Version
Climate: North

Location: City, FL 32025-

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

5/17/2007

Component Loads for Zone #1: Main

V ndow	Type*	Omt	Overhang		Window Area(sqft)			HTM		Load	
	Pn SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	75.0	0.0	75.0	37	94	7053 Btuh	
2	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	40.0	0.0	40.0	37	94	3762 Btuh	
3	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	3.0	0.0	3.0	37	94	282 Btuh	
4	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	15.0	0.0	15.0	37	37	562 Btuh	
5	1, Clear, 1.27, None,N,N	E	7.5ft	8ft.	18.0	7.3	10.7	37	94	1277 Btuh	
6	1, Clear, 1.27, None,N,N	E	7.5ft	8ft.	13.3	9.8	3.5	37	94	699 Btuh	
7	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	12.5	0.0	12.5	37	94	1176 Btuh	
8	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	16.0	0.0	16.0	37	94	1505 Btuh	
9	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	20.0	20.0	0.0	37	43	749 Btuh	
Exursion:										3509 Btuh	
W ndow Total					213 (sqft)					20573 Btuh	
Valls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
	1	Fr me - Wood - Ext	13.0/0.09			1008.2			2.1		2103 Btuh
	2	Fr me - Wood - Adj	13.0/0.09			148.0			1.5		223 Btuh
	Wall Total			1156 (sqft)					2326 Btuh		
doors	Type				Area (sqft)			HTM		Load	
	1	Ins ulated - Adjacent				20.0			9.8		196 Btuh
	2	Ins ulated - Exterior				20.0			9.8		196 Btuh
	Door Total			40 (sqft)					392 Btuh		
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
	1	Vented Attic/DarkShingle	30.0			1526.0			1.7		2527 Btuh
	Ceiling Total			1526 (sqft)					2527 Btuh		
Floors	Type	R-Value			Size			HTM		Load	
	1	Slab On Grade	0.0			176 (ft(p))			0.0		0 Btuh
	Floor Total			176.0 (sqft)					0 Btuh		
Zone Envelope Subtotal:										25319 Btuh	
In ltration	Type	ACH			Volume(cuft)			CFM=		Load	
	S nsibleNatural	0.70			12208			142.4		2651 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 230 +			2400		3780 Btuh		
C ct load	P oposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load										32249 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Sp: House

Project Title:
Skyline Homes - Burley Road Spec

Code Only
Professional Version
Climate: North

Lat: City, FL 3:025-

5/17/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	32249 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	32249 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	32249 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5205 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	6405 Btuh
	TOTAL GAIN	38654 Btuh

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



For Florida residences only

Residential Window Diversity

MidSummer

Spec: House

Project Title:

Skyline Homes - Burley Road Spec

Code Only

Professional Version

Climate: North

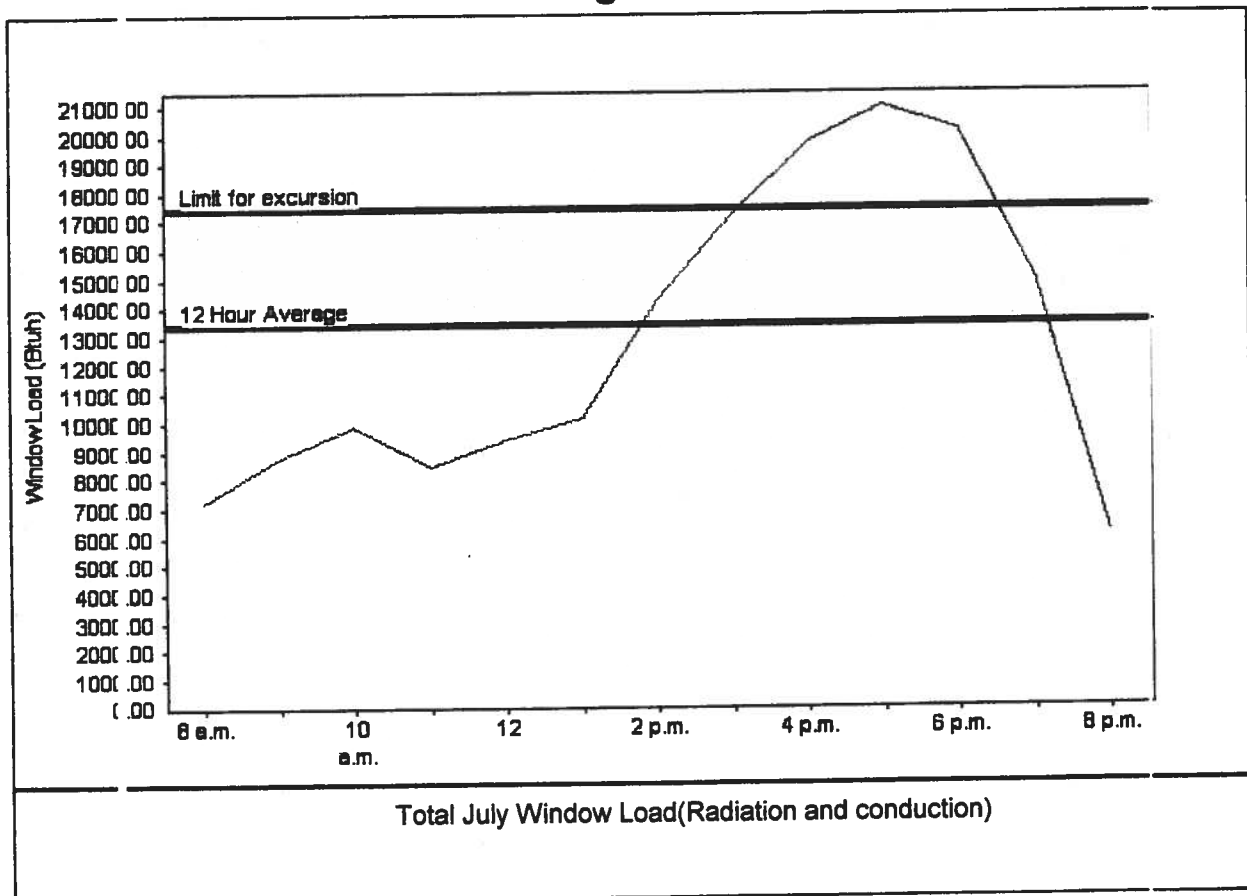
Location: City, FL 33025-

5/17/2007

Weather data for Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	13428 Btu
Summer setpoint	75 F	Peak window load for July	20965 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	17456 Btu
Latitude	29 North	Window excursion (July)	3509 Btu

WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v4.1



John: MEEGIE
**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000001400**

DATE: 06/13/2007

BUILDING PERMIT NO. 25917

APPLICANT LINDA RODER PHONE 386.752.2281

ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024

OWNER SKYLINE HOMES PHONE 386.867.1499

ADDRESS 2461 SW BIRLEY AVENUE LAKE CITY FL 32024

CONTRACTOR AARON SIMQUE PHONE _____

LOCATION OF PROPERTY 90-W TO PINEMOUNT, TL TO BIRLEY, TL AND IT'S 1 MILE DOWN ON THE L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT GERALD RIGGLE 3

PARCEL ID # 08-4S-16-02814-005

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

SIGNATURE: *Linda Roder*

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

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

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: *Scott Phillips* DATE: 6-15-07

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

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





BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

*Land Surveyors
and Mappers*

ψ 25917

06/22/07

L-18549

To Whom It May Concern:

C/o: Skyline Homes

Re: Lot 3 in Gerald Riggle Subdivision

The elevations of the batter boards are found to be 114.36 feet. The minimum floor elevation as per the plat of record is established to be 113.50 feet. The highest adjacent grade is 112.13 feet and the lowest adjacent grade is 111.33 feet. The elevations shown hereon are based on NGVD 29.

I. Scott Britt
PLS #5757

COLUMBIA COUNTY OFFICE CALDWELL

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 08-4S-16-02814-005

Building permit No. 000025917

Use Classification SFD/UTILITY

Fire: 5.58

Permit Holder AARON SIMQUE

Waste: 16.75

Owner of Building SKYLINE HOMES

Total: 22.33

Location: 2461 SW BIRLEY RD, LAKE CITY, FL

Date: 09/13/2007

Henry Bickel

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

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

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

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

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

25917

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32955
Company Business License No. JE1004378 Company Phone No. 386-755-3311
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Skyline Homes Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 2461 SW Bixby Rd
Lake City, FL 32921

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

Section 4: Treatment Information

Date(s) of Treatment(s) 7-24-07
Brand Name of Product(s) Used Burns End
EPA Registration No. 64405-1
Approximate Final Mix Solution % 23
Approximate Size of Treatment Area: Sq. ft. 2130 Linear ft. _____ Linear ft. of Masonry Voids _____
Approximate Total Gallons of Solution Applied 5
Was treatment completed on exterior? ☒ Yes ☐ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List) _____

Comments Treated all walls

Name of Applicator(s) Steve Brennan Certification No. (if required by State law) JE1004378

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

Authorized Signature [Signature] Date 7-24-07

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

Form NPCA-99-B may still be used

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