DATE 02/19/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026778

APPLICANT LINDA RODER PHONE 752-2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER SKYLINE HOMES PHONE 867-1499

ADDRESS 157 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR JOEL PHINNEY PHONE 867-1499

LOCATION OF PROPERTY 90W, TL ON 247S, TR ON TAMARACK LOOP, TL ON LEGION DR, 2ND ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 104250.00

HEATED FLOOR AREA 1488.00 TOTAL AREA 2085.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING RR MAX. HEIGHT 19

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 16-4S-16-03036-003 SUBDIVISION ____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES ____

000001561	____	CBC1256243		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
CULVERT	08-0044	BK	JH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 1237

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 $ 525.00 CERTIFICATION FEE $ 10.43 SURCHARGE FEE $ 10.43

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** 645.86

INSPECTORS OFFICE ____ CLERKS OFFICE MSG

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

CK# 1237

Columbia County Building Permit Application

For Office Use Only Application # 0801-43 Date Received 1/10 By JW Permit # 1561/26778
Zoning Official BLK Date 1.01.08 Flood Zone X FEMA Map # N/A Zoning RR
Land Use RVLD Elevation N/A MFE 1st above Rd River N/A Plans Examiner OKJTH Date 1-22-08
Comments

☑ NOC ☑ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel #
☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor ☑ Well to Her
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Dropped off by Linda Roder

Name Authorized Person Signing Permit (Skyline Homes) Joel Phinney Fax 752-2282 Phone 752-2281

Address 301 NW Cob Terrace Lake City FL 32055

Owners Name Joel Phinney / Skyline Homes, Inc. Phone 867-1499

911 Address 157 SW Legion Dr. Lake City FL 32024

Contractors Name ~~owner builder~~ Joel Phinney Phone 867-1499

Address 301 NW Cob Terrace Lake City FL 32055

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address Will Myers

Mortgage Lenders Name & Address NA

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 16-45-16-~~03036-001~~ 3 wrong see WARRANTY Deed 03036-003 Estimated Cost of Construction 110 K
03036-003

Subdivision Name Lot ___ Block ___ Unit ___ Phase ___

Driving Directions Hwy 90 West, Lon County Road 247, Ron Tamarack Loop, Lon Legion Drive, 2nd on Right

Number of Existing Dwellings on Property 0

Construction of Single family dwelling Total Acreage 1 ac Lot Size 1 ac

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 19'9"

Actual Distance of Structure from Property Lines - Front ~~50'~~ Side ~~58'-1"~~ Side ~~58'-1"~~ Rear ~~156'10"~~

Number of Stories 1 Heated Floor Area 1488 Total ~~Heated~~ Floor Area ~~1488~~ 2085 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 jurisdi

Columbia County Building Permit Application **Application #** _____

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or othe services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

X _____
Owners Signature

Affirmed under penalty of perjury to by the Owner and subscribed before me this 19 **day of** Feb **20** 08

Personally known ✓ **or Produced Identification** _____

_____ **SEAL:**
State of Florida Notary Signature (For the Owner)

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

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

X _____
Contractor's Signature (Permitee)

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

Contractor's License Number CBC-1256243
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 19 **day of** Feb **20** 08

Personally known ✓ **or Produced Identification** _____

_____ **SEAL:**

02/18/2008 11:16 3867522282 CANON #0982 P.002 /002

COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Office: 386-758-1008 Fax: 386-758-2160

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

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved for yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allows for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

TYPE OF CONSTRUCTION

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

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

Linda R. Roder
NOTARY PUBLIC STATE OF FLORIDA
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

X _____
Owner Builder Signature Date

FLORIDA NOTARY
The above signer is personally known to me or produced identification ✓
Notary Signature _____ Date 1-08-08

FOR BUILDING DEPARTMENT USE ONLY
I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date_____ Building Official/Representative_____

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

Detail by Entity Name

Florida Profit Corporation

SKYLINE HOMES, INC

Filing Information

Document Number	P06000098883
FEI Number	020782849
Date Filed	07/28/2006
State	FL
Status	ACTIVE
Effective Date	07/27/2006

Principal Address

120 SW SMITH LANE
LAKE CITY FL 32024

Mailing Address

PO BOX 1471
LAKE CITY FL 32056

Registered Agent Name & Address

PHINNEY, JOEL R
120 SW SMITH LANE
LAKE CITY, FL FL 32024 US

Officer/Director Detail

Name & Address

Title P

PHINNEY, JOEL R
120 SW SMITH LANE
LAKE CITY FL 32024

Annual Reports

Report Year	Filed Date
2007	03/10/2007

Document Images

03/10/2007 -- ANNUAL REPORT — View image in PDF format

07/28/2006 -- Domestic Profit — View image in PDF format

Note: This is not official record. See documents if question or conflict.

Warranty Deed

This Indenture, made this JANUARY 7th, 2008 A.D.
Between

Mark Cook, a married person whose post office address is: P.O. Box 2695, Lake City FL 32056; Grantor and **Skyline Homes, Inc., a Florida Corporation** whose post office address is: 120 SW Smith Lane, Lake City FL 32024, Granitee,

Inst:200812000400 Date:1/9/2008 Time:11:17 AM
Doc Stamp-Deed:0.70
DC,P.DeWitt Cason,Columbia County Page 1 of 2

Witnesseth, that the said Grantor, for and in consideration of the sum of Ten and No/100 Dollars ($10.00), to it in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee forever, the following described land, situate, lying and being in the County of Columbia, State of Florida, to wit:

SEE EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

The above described property does not constitute the homestead property of the grantor described herein.

Subject to taxes for the current year, covenants, restrictions and easements of record, if any.

Parcel Identification Number: 03036-003

And the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

Grantor covenants and agrees that it will be responsible for any known environmental contamination and clean up of the property herein conveyed as of the date of sale and will hold Grantee harmless from any liability, cost and or damages including attorneys fees incurred by Grantee due to any environmental contamination and of required cleanup of the property. This covenant shall insure to the benefit of Grantee and its successors and assigns.

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, 2007.

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name the day and year first above written.

Signed and Sealed in Our Presence:

Matthew D. Rocco
Witness Print Name:

Jonathan Rocco
Witness Print Name: Jonathan Rocco

MARK COOK

State of Florida
County of COLUMBIA

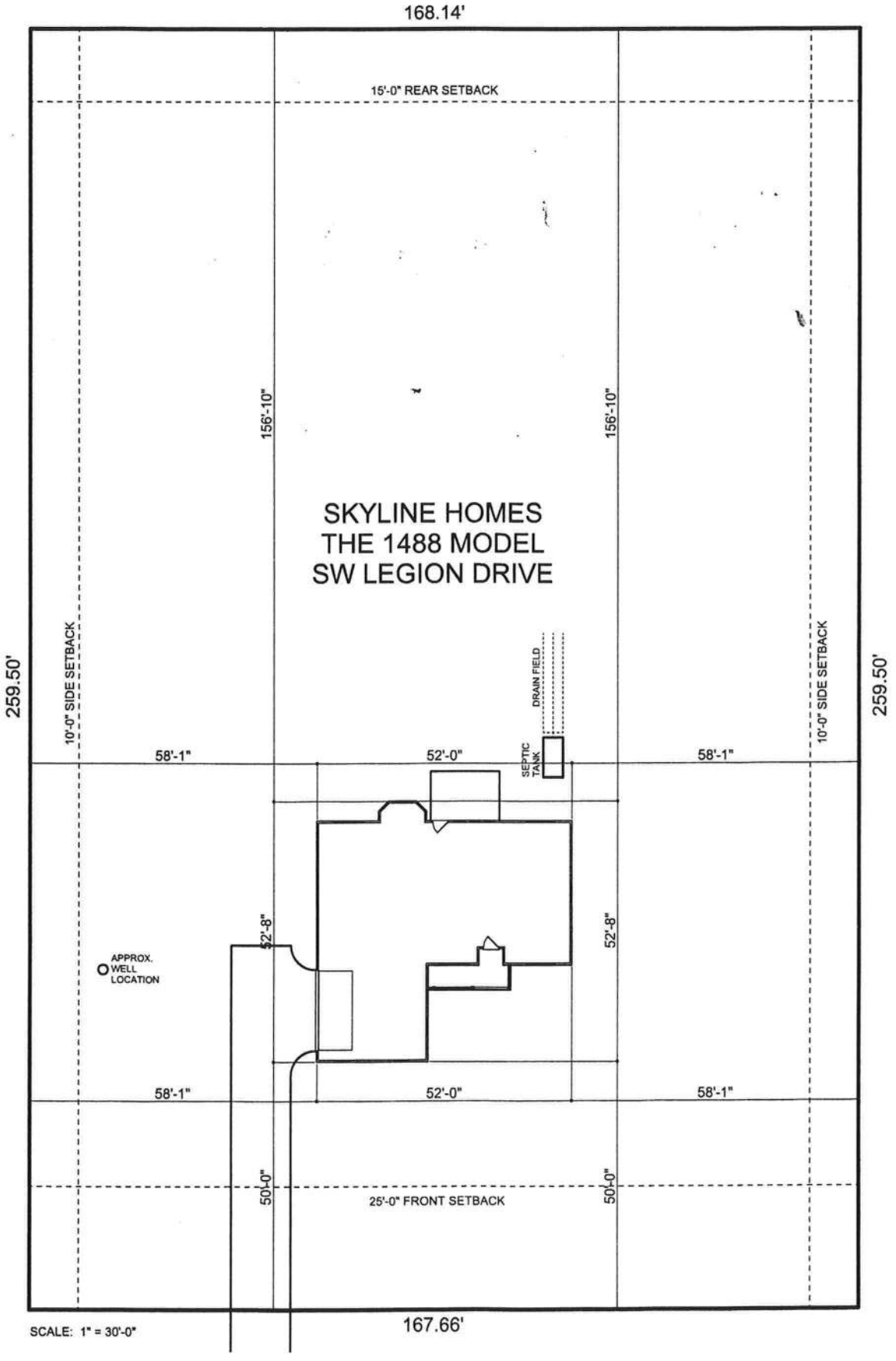
The foregoing instrument was acknowledged before me this 7th day of JANUARY 2008, by MARK COOK, A Married Person, and He is personally known to me or has produced a Drivers License as identification.

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires 09/17/2010

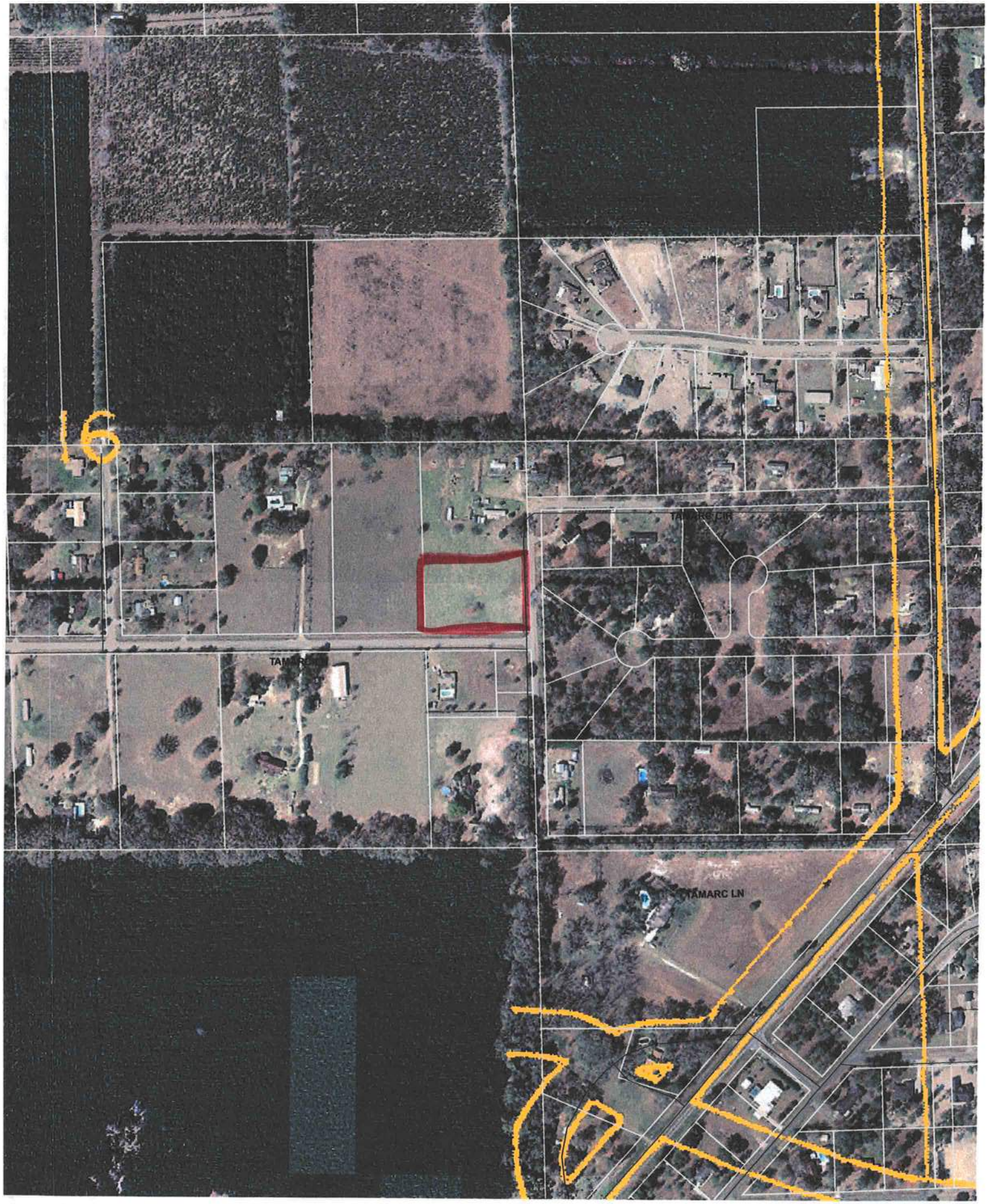
Notary Public
Notary Printed Name:

My Commission Expires:

A part of the East 1/2 of the Northeast 1/4 of the Northwest 1/4 of the Southeast 1/4 of Section 16, Township 4 South, Range 16 East, Columbia County, Florida being more particularly described as follows:
Commence at the Northeast corner of the Northeast 1/4 of the Northwest 1/4 of the Southeast 1/4 of said Section 16 and run N.89 deg. 54'14"W., along the North Line thereof 337.68 feet; thence S.01 deg.27'35"E., 370.88 feet to the Point of Beginning; thence continue S.01 deg.27'35"E., 259.50 feet; thence S.89 deg.58'46"E., 335.32 feet; thence N.01 deg. 21'09"W., 259.50 feet; thence S.89 deg.59'02"E., 336.29 feet to the Point of Beginning.


168.14'
15'-0" REAR SETBACK
156'-10"
156'-10"
SKYLINE HOMES
THE 1488 MODEL
SW LEGION DRIVE
10'-0" SIDE SETBACK
10'-0" SIDE SETBACK
259.50'
259.50'
DRAIN FIELD
SEPTIC TANK
58'-1"
52'-0"
58'-1"
52'-8"
52'-8"
APPROX. WELL LOCATION
58'-1"
52'-0"
58'-1"
50'-0"
50'-0"
25'-0" FRONT SETBACK
SCALE: 1" = 30'-0"
167.66'


1038-1230, CORR DEED 1070-373, WD 1140-611
0801-43
-111
1.22
Ac
11
1
Comm
684.83'
337.68
285.29'
1.86 AC
-001
144'
3036
-000
.60 A
181.54'
3041
-031
241.13
3036
336.77
-001
- 002 -
336.29
1.00 Ac.
300.88
129.75
4.50
Ac
4.80
Ac
-003
2.00 AC.
259.50
259.50
335.32
296.06'
228.78'
3041
-008
1 Ac
226.09'
190.4'
10
9
3026-10
1.03 Ac
3039
-003
3039
-001
100'
3026-10
1 inch equals 100 feet



0801-43

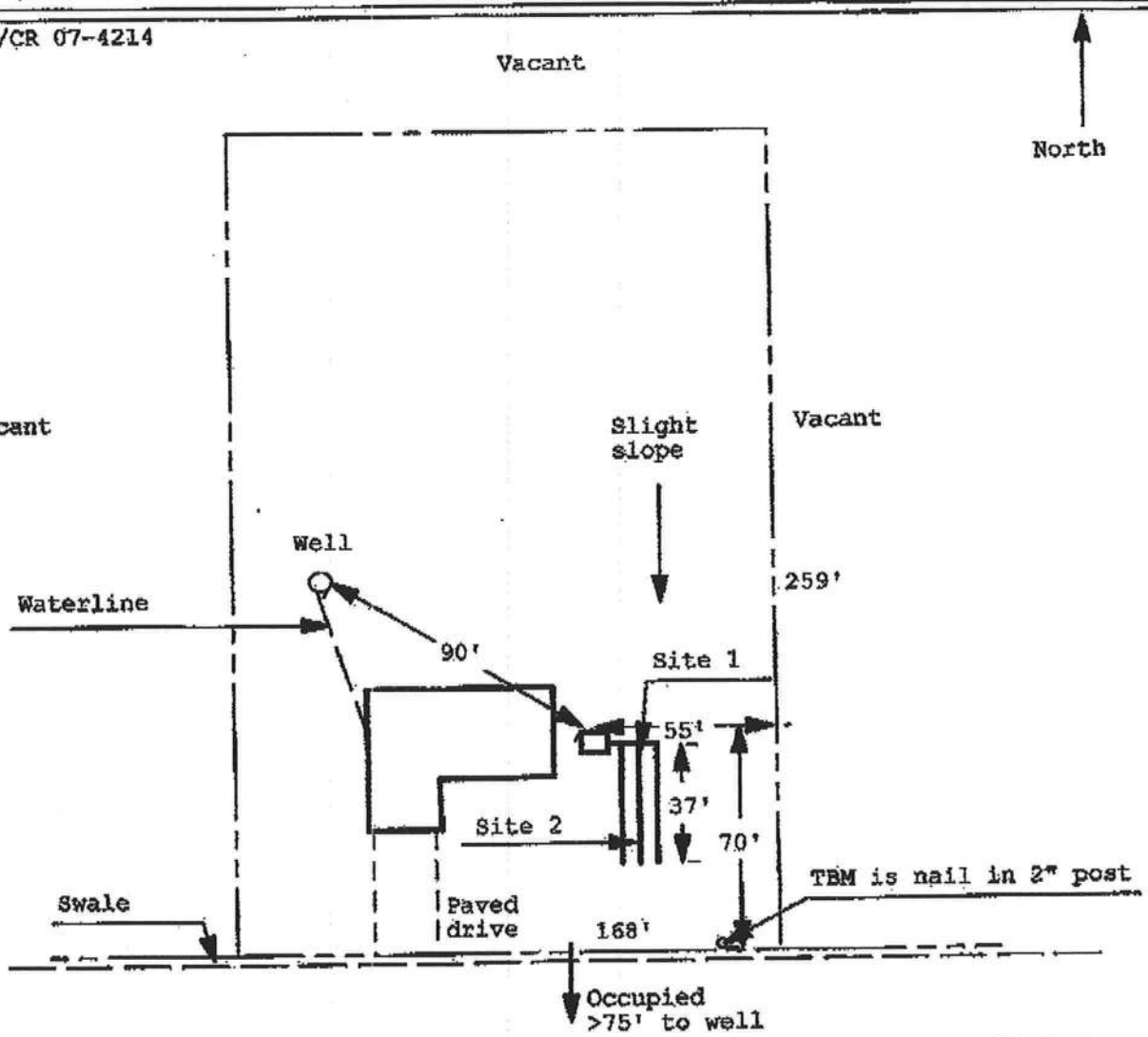
0801-43

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

Permit Application Number: 08-0044

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PHINNEY/CR 07-4214



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 12/31/07

Plan Approved ____ Not Approved ____ Date ____

By ____ Columbia CPHU

Notes: ____

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Skyline Homes - 1488 Model**	Builder:	**Skyline Homes**
Address:		Permitting Office:	Columbia
City, State:	**, FL 32025-**	Permit Number:	26778
Owner:	**Spec House**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	1488 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 264.0 ft²	13. Heating systems	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 264.0 ft²	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
8. Floor types			HSPF: 7.70
a. Slab-On-Grade Edge Insulation	R=5.0, 174.0(p) ft	b. N/A	
b. N/A			
c. N/A		c. N/A	
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1021.0 ft²	14. Hot water systems	
b. Frame, Wood, Adjacent	R=13.0, 214.0 ft²	a. Electric Resistance	Cap: 80.0 gallons
c. N/A			EF: 0.90
d. N/A		b. N/A	
e. N/A			
10. Ceiling types		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 1600.0 ft²	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,
b. N/A			
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 45.0 ft		
b. N/A			

Glass/Floor Area: 0.18 Total as-built points: 20267 Total base points: 21696 **PASS**

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

PREPARED BY: _____

DATE: 1-7-08

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

OWNER/AGENT: _____

DATE: 1-09-08

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:	, , FL, 32025-	PERMIT #:

BASE

GLASS TYPES

.18 X	Conditioned Floor Area	X	BSPM	=	Points
.18	1488.0		18.59		4979.0

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
1.Double, Clear	W	1.5	8.0	60.0	38.52	0.96	2214.0
2.Double, Clear	W	1.5	8.0	84.0	38.52	0.96	3100.0
3.Double, Clear	W	1.5	8.0	20.0	38.52	0.96	738.0
4.Double, Clear	N	1.5	8.0	4.0	19.20	0.97	74.0
5.Double, Clear	E	1.5	8.0	30.0	42.06	0.96	1208.0
6.Double, Clear	E	6.5	9.0	30.0	42.06	0.60	762.0
7.Double, Clear	S	1.5	8.0	16.0	35.87	0.92	529.0
8.Double, Clear	S	1.5	8.0	20.0	35.87	0.92	662.0
As-Built Total:				**264.0**			**9287.0**

WALL TYPES	Area X	BSPM	= Points
Adjacent	214.0	0.70	149.8
Exterior	1021.0	1.70	1735.7
Base Total:	**1235.0**		**1885.5**

Type	R-Value	Area X	SPM	= Points
1. Frame, Wood, Exterior	13.0	1021.0	1.50	1531.5
2. Frame, Wood, Adjacent	13.0	214.0	0.60	128.4
As-Built Total:		**1235.0**		**1659.9**

DOOR TYPES	Area X	BSPM	= Points
Adjacent	18.0	2.40	43.2
Exterior	20.0	6.10	122.0
Base Total:	**38.0**		**165.2**

Type	Area X	SPM	= Points
1.Exterior Insulated	20.0	4.10	82.0
2.Adjacent Insulated	18.0	1.60	28.8
As-Built Total:	**38.0**		**110.8**

CEILING TYPES	Area X	BSPM	= Points
Under Attic	1488.0	1.73	2574.2
Base Total:	**1488.0**		**2574.2**

Type	R-Value	Area X	SPM X SCM =	Points
1. Under Attic	30.0	1600.0	1.73 X 1.00	2768.0
As-Built Total:		**1600.0**		**2768.0**

FLOOR TYPES	Area X	BSPM	= Points
Slab	174.0(p)	-37.0	-6438.0
Raised	0.0	0.00	0.0
Base Total:			**-6438.0**

Type	R-Value	Area X	SPM	= Points
1. Slab-On-Grade Edge Insulation	5.0	174.0(p	-36.20	-6298.8
As-Built Total:		**174.0**		**-6298.8**

INFILTRATION	Area X	BSPM	= Points
	1488.0	10.21	15192.5

	Area X	SPM	= Points
	1488.0	10.21	15192.5

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:	, FL, 32025-	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 18358.4			**Summer As-Built Points:**					**22719.4**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 34000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)					
			22719	1.00	(1.09 x 1.000 x 1.00)	0.260	0.950	6116.7
18358.4	**0.3250**	**5966.5**	**22719.4**	**1.00**	**1.090**	**0.260**	**0.950**	**6116.7**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , FL, 32025- 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	1488.0	20.17	5402.0	1.Double, Clear	W	1.5	8.0	60.0	20.73	1.01	1257.0
				2.Double, Clear	W	1.5	8.0	84.0	20.73	1.01	1760.0
				3.Double, Clear	W	1.5	8.0	20.0	20.73	1.01	419.0
				4.Double, Clear	N	1.5	8.0	4.0	24.58	1.00	98.0
				5.Double, Clear	E	1.5	8.0	30.0	18.79	1.02	574.0
				6.Double, Clear	E	6.5	9.0	30.0	18.79	1.20	677.0
				7.Double, Clear	S	1.5	8.0	16.0	13.30	1.04	221.0
				8.Double, Clear	S	1.5	8.0	20.0	13.30	1.04	276.0
				As-Built Total:				**264.0**			**5282.0**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	214.0	3.60	770.4	1. Frame, Wood, Exterior	13.0	1021.0	3.40	3471.4
Exterior	1021.0	3.70	3777.7	2. Frame, Wood, Adjacent	13.0	214.0	3.30	706.2
Base Total:	**1235.0**		**4548.1**	**As-Built Total:**		**1235.0**		**4177.6**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	18.0	11.50	207.0	1.Exterior Insulated	20.0	8.40	168.0
Exterior	20.0	12.30	246.0	2.Adjacent Insulated	18.0	8.00	144.0
Base Total:	**38.0**		**453.0**	**As-Built Total:**	**38.0**		**312.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1488.0	2.05	3050.4	1. Under Attic	30.0	1600.0	2.05 X 1.00	3280.0
Base Total:	**1488.0**		**3050.4**	**As-Built Total:**		**1600.0**		**3280.0**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	174.0(p)	8.9	1548.6	1. Slab-On-Grade Edge Insulation	5.0	174.0(p	7.60	1322.4
Raised	0.0	0.00	0.0					
Base Total:			**1548.6**	**As-Built Total:**		**174.0**		**1322.4**

INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points
	1488.0	-0.59	-877.9		1488.0	-0.59	-877.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:	, FL, 32025-	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**14124.2**	**Winter As-Built Points:**					**13496.1**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
14124.2	**0.5540**	**7824.8**	13496.1 **13496.1**	1.000 **1.00**	(1.069 x 1.000 x 1.00) **1.069**	0.443 **0.443**	0.950 **0.950**	6069.8 **6069.8**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS:	, , 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 Multiplier	= Total	
3		2635.00	7905.0	80.0	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
5966	**7825**	**7905**	**21696**	**6117**	**6070**	**8081**	**20267**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:	, , FL, 32025-	PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.5

The higher the score, the more efficient the home.

Spec House, , , FL, 32025-

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)	1488 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 264.0 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 264.0 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=5.0, 174.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 1021.0 ft²	
	b. Frame, Wood, Adjacent	R=13.0, 214.0 ft²	
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 1600.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts(Leak Free)		
	a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 45.0 ft	
	b. N/A		

12.	Cooling systems		
	a. Central Unit	Cap: 34.0 kBtu/hr	
		SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 34.0 kBtu/hr	
		HSPF: 7.70	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 80.0 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,	

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

Builder Signature: _____ Date: _____

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

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

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

Energy Code Compliance

Duct System Performance Report

Project Name:	Skyline Homes - 1488 Model	Builder:	Skyline Homes
Address:		Permitting Office:	
City, State:	, 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 Rater Certification #: _____

DATE: _____

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.htp

BUILDING OFFICIAL: _____

DATE: _____

(0801-43)

02-26-2007

ALEX SINK
CHIEF FINANCIAL OFFICER

STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION

* * CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW * *

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 02/26/2007 EXPIRATION DATE: 02/25/2009

PERSON: PHINNEY JOEL

FEIN: 020782849

BUSINESS NAME AND ADDRESS:

SKYLINE HOMES INC
120 SW SMITH LANE
LAKE CITY FL 32024

SCOPES OF BUSINESS OR TRADE:

1- PROPERTY MANAGEMENT

IMPORTANT: Pursuant to Chapter 440 . 05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt... apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

QUESTIONS? (850) 413-1609

DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT REVISED 09-06

PLEASE CUT OUT THE CARD BELOW AND RETAIN FOR FUTURE REFERENCE

STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION
CONSTRUCTION INDUSTRY
CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW

EFFECTIVE: 02/26/2007 EXPIRATION DATE: 02/25/2009

PERSON: JOEL PHINNEY

FEIN: 020782849

BUSINESS NAME AND ADDRESS:

SKYLINE HOMES INC
120 SW SMITH LANE
LAKE CITY, FL 32024

SCOPE OF BUSINESS OR TRADE:

1- PROPERTY MANAGEMENT

FOLD HERE

IMPORTANT

Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter.

Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt... apply only within the scope of the business or trade listed on the notice of election to be exempt.

Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

QUESTIONS? (850) 413-1609

CUT HERE

*** Carry bottom portion on the job, keep upper portion for your records.**

DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT REVISED 09-06

(6801-43)

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 01/21/2008

PRODUCER FAX 850-877-8674
Insurance Office of America, Inc.
1725 East Mahan Drive
Tallahassee, FL 32308
Christine Massey 850-877-8379 ext 2807

INSURED Skyline Homes, Inc
120 SW Smith Lane
Lake City, FL 32024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Association Ins. Co.	
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY	GLP0018705	01/21/2008	01/21/2009	EACH OCCURRENCE	$ 500,000
		[X] COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
		[ ] CLAIMS MADE [X] OCCUR				MED EXP (Any one person)	$ 5,000
						PERSONAL & ADV INJURY	$ 500,000
		GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	$ 1,000,000
		[ ] POLICY [ ] PRO-JECT [ ] LOC				PRODUCTS - COMP/OP AGG	$ 1,000,000
		AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	$
		[ ] ANY AUTO				BODILY INJURY (Per person)	$
		[ ] ALL OWNED AUTOS				BODILY INJURY (Per accident)	$
		[ ] SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	$
		[ ] HIRED AUTOS					
		[ ] NON-OWNED AUTOS					
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
		[ ] ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	$
		[ ] OCCUR [ ] CLAIMS MADE				AGGREGATE	$
		[ ] DEDUCTIBLE					$
		[ ] RETENTION $					$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				[ ] WC STATUTORY LIMITS [ ] OTHER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	$
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	$
						E.L. DISEASE - POLICY LIMIT	$
		OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

First Federal Saving Bank
707 SW Main Blvd
Lake City, FL 32025

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Jeremy Banning/JOWERK

ACORD 25 (2001/08)

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (386) 752-1854
FAX (386) 755-7022
904 NW MAIN BLVD.
LAKE CITY, FLORIDA 32055

February 19, 2008

Joel Phinney

Notice To All Contractors:

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results. All wells will have a pump & tank combination that will be sufficient enough for each situation.

If you have any questions please feel free to call our office.

Thank You ,

Donald D. Hall

0801-43

Florida Department of Business & Professional Regulation

DBPR ONLINE SERVICES

Log On

Public Services
Search for a Licensee
Apply for a License
View Application Status
Apply to Retake Exam
Find Exam Information
File a Complaint
AB&T Delinquent Invoice & Activity List Search

User Services
Renew a License
Change License Status
Maintain Account
Change My Address
View Messages
Change My PIN
View Continuing Ed

Term Glossary
Online Help (FAQs)

Licensee Details

Licensee Information

Name:	**PHINNEY, JOEL ROBERT** (Primary Name)
	SKYLINE HOMES INC (DBA Name)
Main Address:	**PO BOX 1471** **LAKE CITY Florida 32024**
County:	**COLUMBIA**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Certified Building Contractor**
Rank:	**Cert Building**
License Number:	**CBC1256243**
Status:	**Current,Active**
Licensure Date:	**02/15/2008**
Expires:	**08/31/2008**
Special Qualifications	**Qualification Effective**
Qualified Business License Required	**02/15/2008**

View Related License Information

View License Complaint

(0801-43)

Columbia County Building Permit Application **Application #** _____

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

X _____
Owners Signature

Affirmed under penalty of perjury to by the Owner and subscribed before me this 18 **day of** Feb **20** 08

Personally known ____ **or Produced Identification** _____

_____ **SEAL:**
State of Florida Notary Signature (For the Owner)

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

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

X _____
Contractor's Signature (Permitee)

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

Contractor's License Number CBC-1256243
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 18 **day of** Feb **20** 08

Personally known _____ **or Produced Identification** _____

_____ **SEAL:**
State of Florida Notary Signature (For the Contractor)

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

0801-43

Permit Number:

Tax Folio Number: **03036-001**

State of: **Florida**
County of: **Columbia**

File Number: **07-0419A**

NOTICE OF COMMENCEMENT

Inst:200812001534 Date:1/24/2008 Time:3:21 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 2

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:

   SEE EXHIBIT A ATTACHED HERETO.

2. General Description of Improvements: Construction of Single Family Residence

3. Owner Information:
   a. Name and Address: Skyline Homes, Inc., 120 SW Smith Lane, Lake city, FL 32024

   b. Interest in property: Fee Simple

   c. Names and address of fee simple title holder (if other than owner):

4. Contractor: Skyline Homes, Inc., 120 SW Smith Lane, Lake City, FL 32024

5. Surety:

6. Lender: Capital City Bank, 4040 NW 16th Blvd., Gainesville, Florida 32605-____

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): .

Skyline Homes, Inc.

By: _____
Joel R. Phinney, President

Sworn to and subscribed before me January 23, 2008 by Joel R. Phinney, President of Skyline Homes, Inc., a Florida corporation who is personally known to me or who did provide
FL Driver License as identification.

Notary Public
My Commission Expires:_____

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires 09/17/2010

0801-43

EXHIBIT A
LEGAL DESCRIPTION

A Part of the East 1/2 of the NE 1/4 of The NW 1/4 of the SE 1/4 of Section 16, Township 4 South, Range 16 East, Columbia County, Florida being more particularly described as follows:

Commence at the NE corner of the NE 1/4 of the NW 1/4 of the SE 1/4 of said Section 16 and run N 89°54'14"W., along the North line thereof, 337.68 feet; thence S 01°27'35"E., 370.88 feet to the Point of Beginning; thence continue S 01°27'35"E, 259.50 feet; thence S 89°58'46"E, 167.66 feet; thence N.01°21'09" W., 259.50 feet; thence S 89°59'02" E, 168.14 feet to the Point of Beginning.

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: 1/8/2008 **DATE ISSUED:** 1/14/2008

ENHANCED 9-1-1 ADDRESS:

157 SW LEGION DR

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

16-4S-16-03036-003

Remarks:

PARCEL 2

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.

1096

Approved Address

JAN 14 2008

911Addressing/GIS Dept

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001561

DATE 02/19/2008 PARCEL ID # 23-4S-16-03036-003

APPLICANT LINDA RODER PHONE 752-2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER SKYLINE HOMES PHONE 867-1499

ADDRESS 157 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR JOEL PHINNEY PHONE 867-1499

LOCATION OF PROPERTY 90W, TL ON 247S, TR ON TAMARACK LOOP, TL ON LEGION DRIVE

2ND ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT

SIGNATURE

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

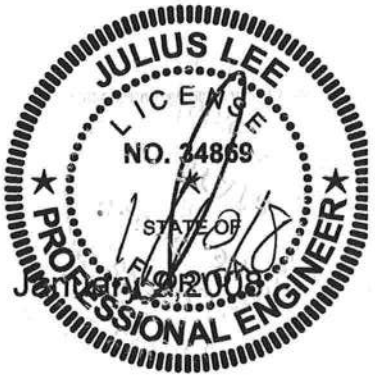
ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

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

Builders FirstSource



Project Information for: **L264633**

Builder: Skyline Homes
Address: 339 Southwest Tamarack Loop
... Lake City, FL 32024
County: Columbia
Truss Count: 13
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:

Gravity: **Wind:**

Roof (psf): 42.0 Wind Standard: ASCE 7-02 Wind Exposure: B
Floor (psf): N/A Wind Speed (mph): 110

Note: See the individual truss drawings for special loading conditions.

Engineer of Record: Unknown at time of Seal Date
Address: Unknown at time of Seal Date

Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869
Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

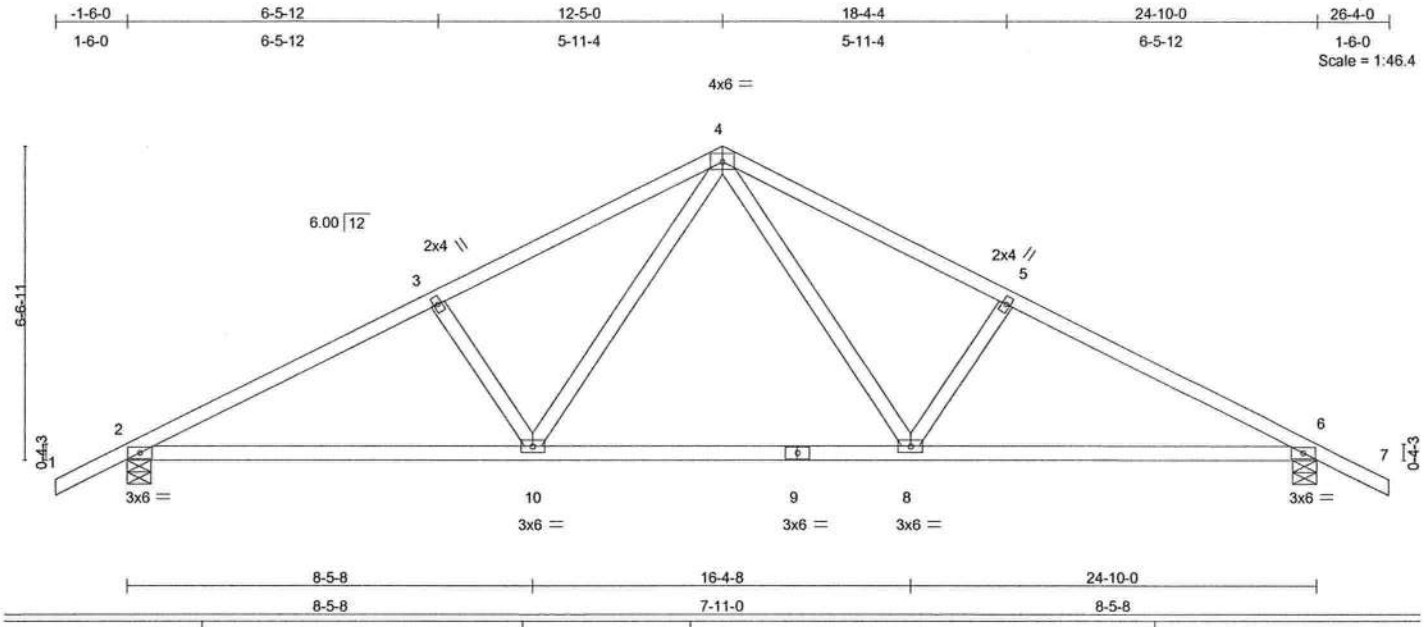
Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-2002 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. The Truss Design Engineer's responsibility relative to this structure consists solely of the design of the individual truss components and does not include the design of any additional structural elements including but not limited to continuous lateral bracing elelments in the web and chord planes. See Florida Administrative Code 61G15-31.003 sections 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

No.	Drwg. #	Truss ID	Seal Date
1	J1922806	T01	1/9/08
2	J1922807	T01G	1/9/08
3	J1922808	T02	1/9/08
4	J1922809	T03	1/9/08
5	J1922810	T04	1/9/08
6	J1922811	T04G	1/9/08
7	J1922812	T05	1/9/08
8	J1922813	T05G	1/9/08
9	J1922814	T06	1/9/08
10	J1922815	T06A	1/9/08
11	J1922816	T06G	1/9/08
12	J1922817	T07	1/9/08
13	J1922818	T07G	1/9/08

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T01	COMMON	2	1	J1922806
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:48 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.10	2-10	>999	360	MT20	244/19
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.20	2-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.22	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 116 lb	

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-2-3 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 8-11-2 oc bracing.

REACTIONS (lb/size) 2=873/0-6-0, 6=873/0-6-0
Max Horz 2=-100(load case 7)
Max Uplift 2=-246(load case 6), 6=-246(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/36, 2-3=-1345/738, 3-4=-1164/734, 4-5=-1164/734, 5-6=-1345/738, 6-7=0/36
BOT CHORD	2-10=-501/1127, 9-10=-224/767, 8-9=-224/767, 6-8=-501/1127
WEBS	3-10=-303/287, 4-10=-231/408, 4-8=-231/408, 5-8=-303/287

JOINT STRESS INDEX
2 = 0.66, 3 = 0.33, 4 = 0.67, 5 = 0.33, 6 = 0.66, 8 = 0.41, 9 = 0.26 and 10 = 0.41

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 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 246 lb uplift at joint 2 and 246 lb uplift at joint 6.

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1900 Crestal Bay Blvd
Boynton Beach, FL 33435

January 9,2

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
					J1922806
L264633	T01	COMMON	2	1	Job Reference (optional)

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34183
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2(

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L2[illegible]4633	T01G	GABLE	1	1	J1922807
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:50 2008 Page 1

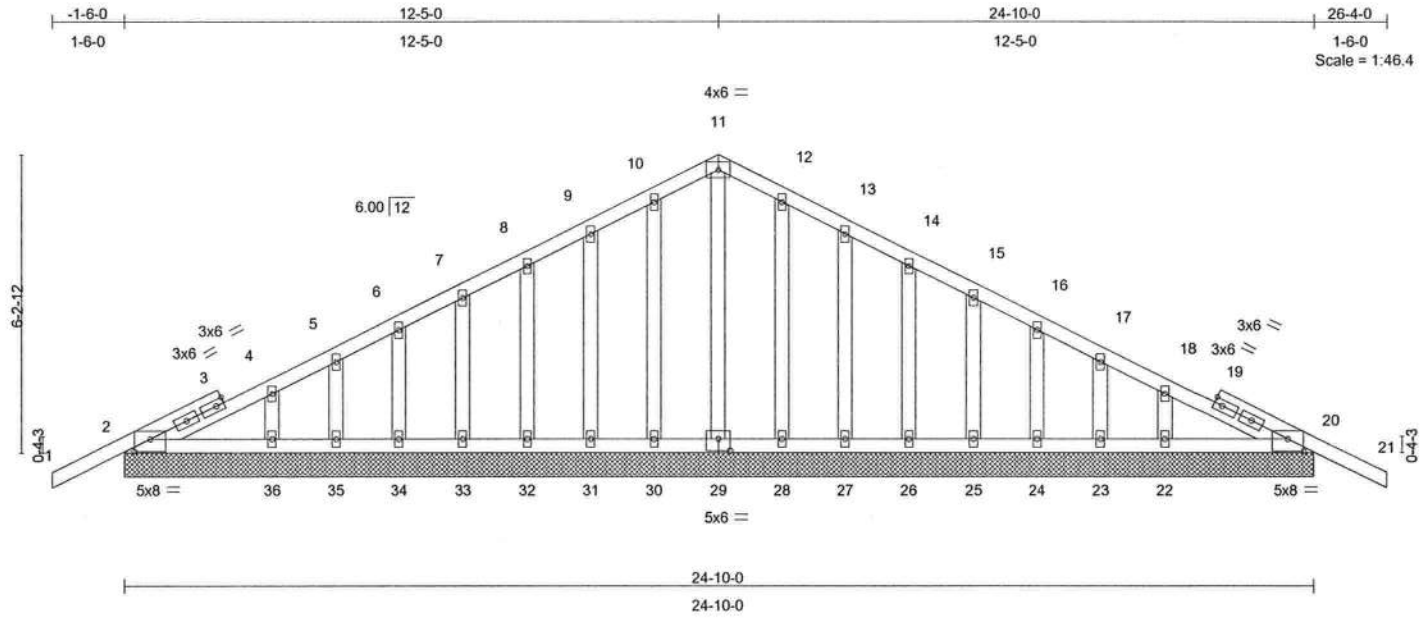


Plate Offsets (X,Y): [2:0-4-0,0-3-1], [20:0-4-0,0-3-1], [29:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.01	21	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.01	21	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.06	Horz(TL)	0.00	20	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 159 lb	

LUMBER

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

REACTIONS (lb/size) 2=225/24-10-0, 20=225/24-10-0, 29=95/24-10-0, 30=99/24-10-0, 31=99/24-10-0, 32=99/24-10-0, 33=98/24-10-0, 34=103/24-10-0, 35=76/24-10-0, 36=169/24-10-0, 28=99/24-10-0, 27=99/24-10-0, 26=99/24-10-0, 25=98/24-10-0, 24=103/24-10-0, 23=76/24-10-0, 22=169/24-10-0

Max Horz 2=-111(load case 7)

Max Uplift 2=-133(load case 6), 20=-151(load case 7), 30=-47(load case 6), 31=-70(load case 6), 32=-64(load case 6), 33=-65(load case 6), 34=-63(load case 6), 35=-67(load case 6), 36=-66(load case 6), 28=-42(load case 7), 27=-71(load case 7), 26=-64(load case 7), 25=-65(load case 7), 24=-64(load case 7), 23=-65(load case 7), 22=-72(load case 7)

Max Grav 2=225(load case 1), 20=225(load case 1), 29=102(load case 7), 30=100(load case 10), 31=99(load case 10), 32=99(load case 1), 33=98(load case 10), 34=103(load case 1), 35=76(load case 10), 36=169(load case 1), 28=100(load case 11), 27=99(load case 11), 26=99(load case 1), 25=98(load case 11), 24=103(load case 1), 23=76(load case 11), 22=169(load case 1)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1900 Crastal Bay Blvd
Boynton Beach, FL 33435

January 9,20

Continued on page 2

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/41, 2-3=-104/36, 3-4=-102/43, 4-5=-62/60, 5-6=-35/79, 6-7=-23/104, 7-8=-23/128, 8-9=-23/156, 9-10=-23/198, 10-11=-23/224, 11-12=-23/224, 12-13=-23/198, 13-14=-23/156, 14-15=-23/119, 15-16=-23/81, 16-17=-22/42, 17-18=-29/18, 18-19=-55/36, 19-20=-57/2, 20-21=0/41

BOT CHORD 2-36=0/135, 35-36=0/135, 34-35=0/135, 33-34=0/135, 32-33=0/135, 31-32=0/135, 30-31=0/135, 29-30=0/135, 28-29=0/135, 27-28=0/135, 26-27=0/135, 25-26=0/135, 24-25=0/135, 23-24=0/135, 22-23=0/135, 20-22=0/135

WEBS 11-29=-103/0, 10-30=-87/55, 9-31=-86/90, 8-32=-85/81, 7-33=-85/81, 6-34=-88/82, 5-35=-69/76, 4-36=-142/102, 12-28=-87/54, 13-27=-86/90, 14-26=-85/81, 15-25=-85/81, 16-24=-88/82, 17-23=-69/76, 18-22=-142/102

JOINT STRESS INDEX

2 = 0.55, 3 = 0.00, 3 = 0.17, 3 = 0.17, 4 = 0.33, 5 = 0.33, 6 = 0.33, 7 = 0.33, 8 = 0.33, 9 = 0.33, 10 = 0.33, 11 = 0.24, 12 = 0.33 , 13 = 0.33, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.33, 18 = 0.33, 19 = 0.00, 19 = 0.17, 19 = 0.17, 20 = 0.55, 22 = 0.33, 23 = 0.33, 24 = 0.33, 25 = 0.33, 26 = 0.33, 27 = 0.33, 28 = 0.33, 29 = 0.19, 30 = 0.33, 31 = 0.33, 32 = 0.33, 33 = 0.33, 34 = 0.33, 35 = 0.33 and 36 = 0.33

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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 133 lb uplift at joint 2, 151 lb uplift at joint 20, 47 lb uplift at joint 30, 70 lb uplift at joint 31, 64 lb uplift at joint 32, 65 lb uplift at joint 33, 63 lb uplift at joint 34, 67 lb uplift at joint 35, 66 lb uplift at joint 36, 42 lb uplift at joint 28, 71 lb uplift at joint 27, 64 lb uplift at joint 26, 65 lb uplift at joint 25, 64 lb uplift at joint 24, 65 lb uplift at joint 23 and 72 lb uplift at joint 22.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-11=-64(F=-10), 11-21=-64(F=-10), 2-20=-10

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T02	SPECIAL	4	1	J1922808
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:51 2008 Page 1

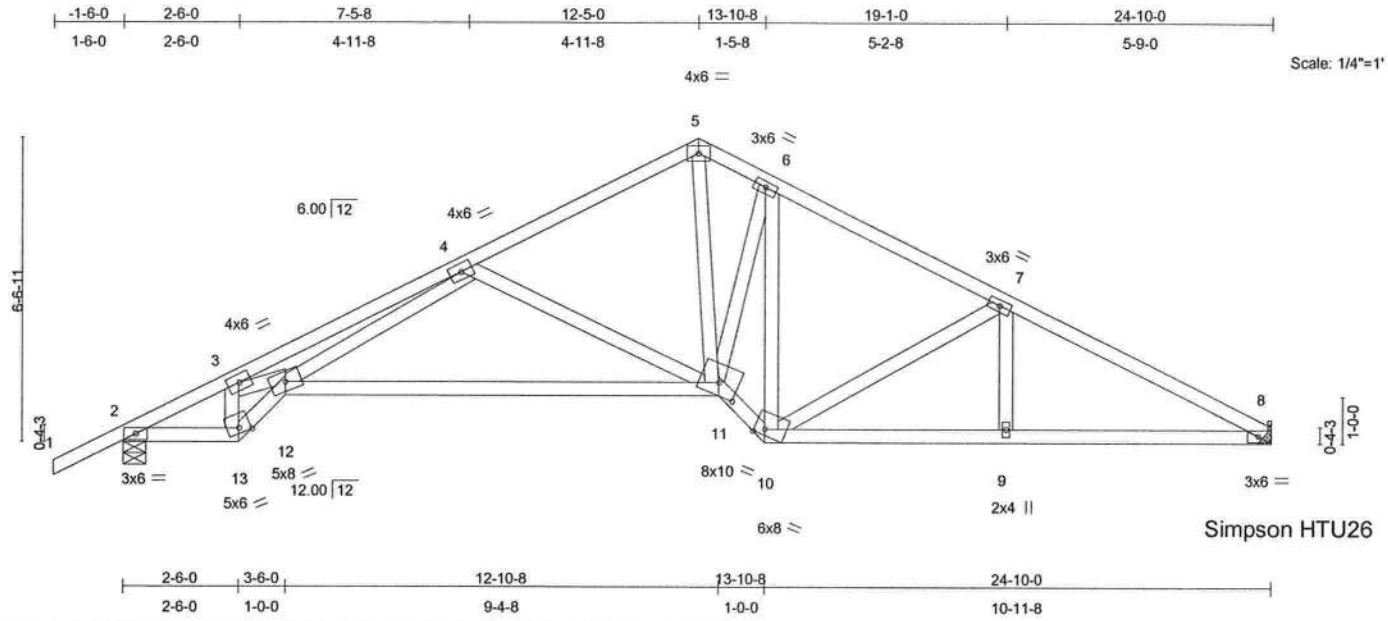


Plate Offsets (X,Y): [10:0-2-11,Edge], [11:0-5-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.21	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.46	11-12	>633	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.15	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 136 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-3-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-3-4 oc bracing.

REACTIONS (lb/size) 8=779/Mechanical, 2=880/0-6-0
Max Horz 2=110(load case 6)
Max Uplift 8=-171(load case 7), 2=-247(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/36, 2-3=-1391/744, 3-4=-2976/1471, 4-5=-1081/648, 5-6=-1099/724, 6-7=-1043/649, 7-8=-1431/795
BOT CHORD 2-13=-599/1162, 12-13=-712/1465, 11-12=-725/1466, 10-11=-471/1233, 9-10=-627/1214, 8-9=-627/1214
WEBS 3-13=-1025/506, 3-12=-663/1616, 4-12=-570/1424, 4-11=-619/456, 5-11=-459/751, 6-11=-30/480, 6-10=-659/178, 7-10=-400/315, 7-9=0/176

JOINT STRESS INDEX
2 = 0.60, 3 = 0.58, 4 = 0.51, 5 = 0.38, 6 = 0.46, 7 = 0.39, 8 = 0.68, 9 = 0.33, 10 = 0.38, 11 = 0.52, 12 = 0.74 and 13 = 0.43

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 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.

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Continued on page 2

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 171 lb uplift at joint 8 and 247 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T03	SPECIAL	3	1	J1922809
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:52 2008 Page 1

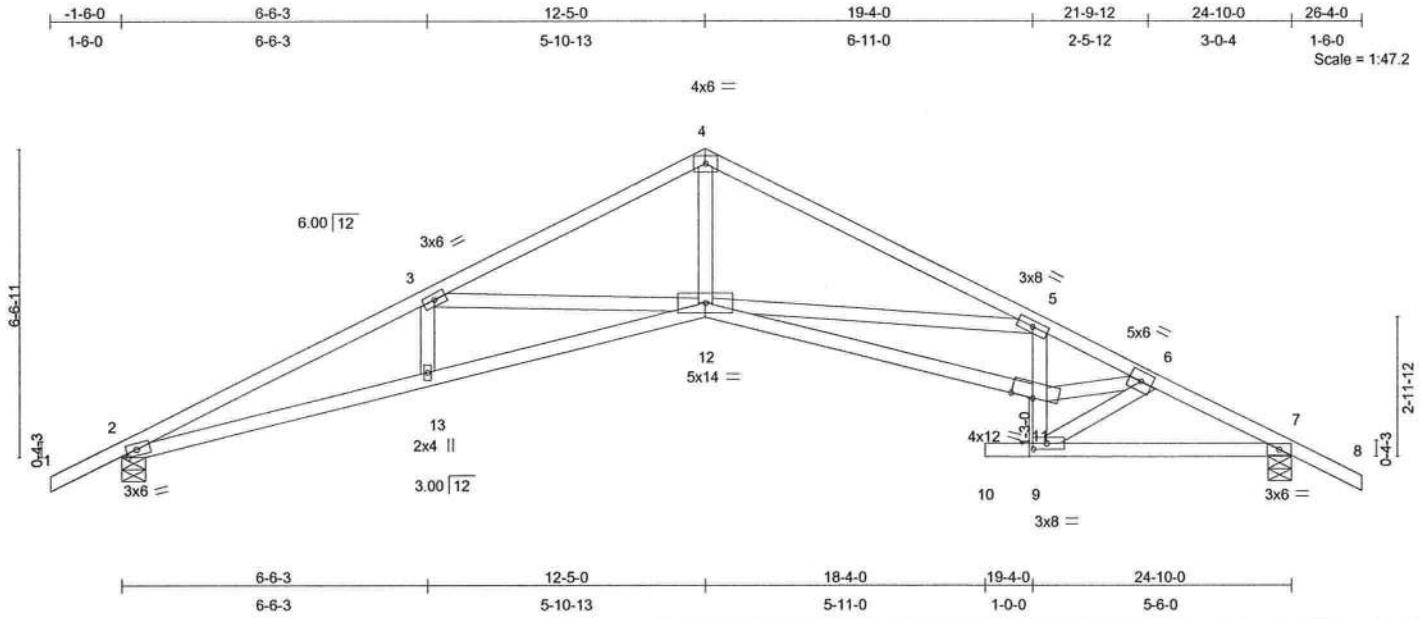


Plate Offsets (X,Y): [2:0-2-8,0-1-8], [9:0-3-6,0-1-8], [11:0-5-11,0-0-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	0.22	10	>999	360	MT20	244/19
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.39	11-12	>748	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.70	Horz(TL)	0.26	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 122 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 5-9 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-9-3 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-2-14 oc bracing.

REACTIONS (lb/size) 2=876/0-6-0, 7=882/0-6-0
Max Horz 2=-100(load case 7)
Max Uplift 2=-245(load case 6), 7=-241(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/33, 2-3=-2413/1168, 3-4=-1759/819, 4-5=-1777/809, 5-6=-2286/1131, 6-7=-1402/726, 7-8=0/36
BOT CHORD	2-13=-907/2129, 12-13=-909/2131, 11-12=-1013/2307, 9-11=-226/638, 5-11=-46/134, 9-10=0/0, 7-9=-510/1175
WEBS	3-13=0/178, 3-12=-624/450, 4-12=-432/1146, 5-12=-788/552, 6-11=-777/1862, 6-9=-1158/493

JOINT STRESS INDEX
2 = 0.78, 3 = 0.39, 4 = 0.83, 5 = 0.76, 6 = 0.78, 7 = 0.61, 9 = 0.85, 11 = 0.56, 12 = 0.65 and 13 = 0.33

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 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.

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1306 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T03	SPECIAL	3	1	J1922809
					Job Reference (optional)

NOTES

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 245 lb uplift at joint 2 and 241 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1105 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T04	SPECIAL	10	1	J1922810
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Jan 09 15:51:22 2008 Page 1

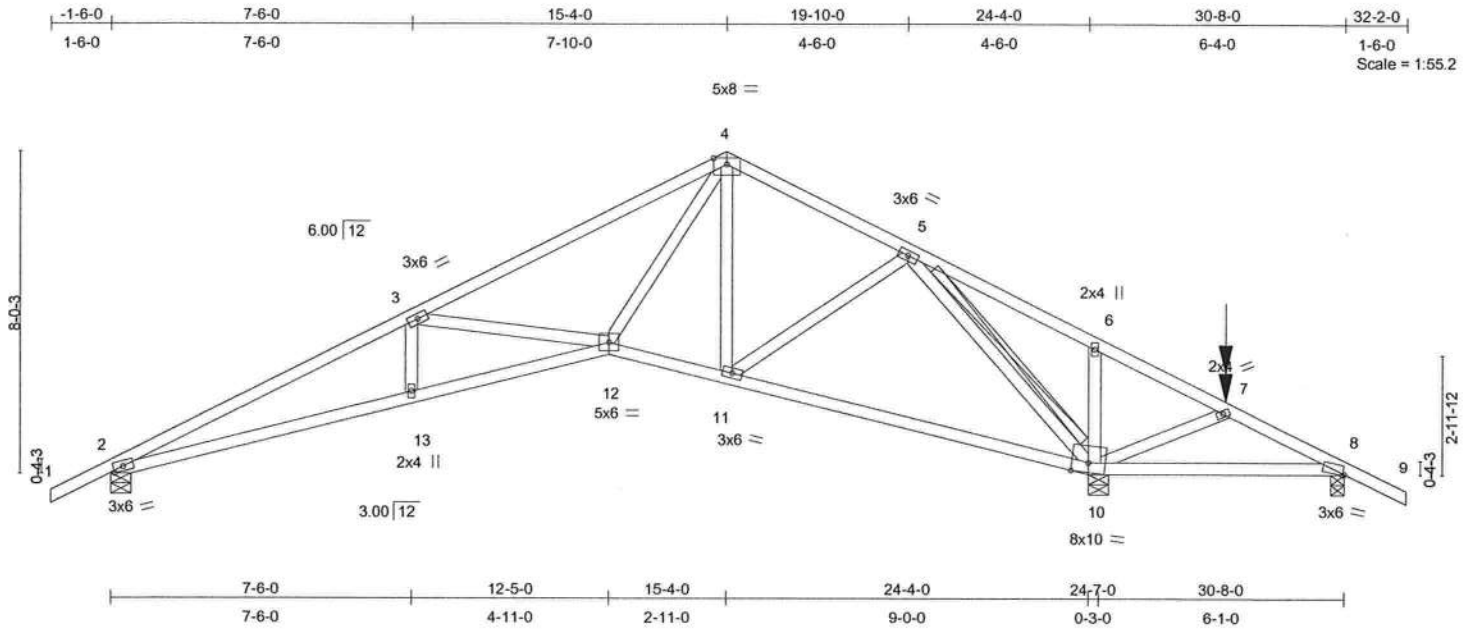


Plate Offsets (X,Y): [8:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.88	Vert(LL)	-0.14	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.26	10-11	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.60	Horz(TL)	0.14	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 156 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.1D *Except* 4-9 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=758/0-6-0, 10=2545/0-6-0, 8=29/0-4-0
Max Horz 2=-117(load case 7)
Max Uplift 2=-233(load case 6), 10=-807(load case 6), 8=-251(load case 7)
Max Grav 2=758(load case 1), 10=2545(load case 1), 8=150(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/33, 2-3=-1947/997, 3-4=-1153/580, 4-5=-640/421, 5-6=-560/1294, 6-7=-691/1332, 7-8=-1/494, 8-9=0/35
BOT CHORD 2-13=-749/1709, 12-13=-749/1701, 11-12=-15/544, 10-11=0/250, 8-10=-423/61
WEBS 3-13=0/216, 3-12=-730/579, 4-12=-322/786, 4-11=-270/100, 5-11=-51/447, 5-10=-1873/1027, 6-10=-740/642, 7-10=-845/715

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.67, 3 = 0.41, 4 = 0.56, 5 = 0.62, 6 = 0.35, 7 = 0.48, 8 = 0.85, 10 = 0.96, 11 = 0.38, 12 = 0.61 and 13 = 0.34

NOTES

1) Unbalanced roof live loads have been considered for this design.

January 9,2008

Continued on page 2

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 2, 807 lb uplift at joint 10 and 251 lb uplift at joint 8.

Loading has been calculated by the truss manufacturer. It is the responsibility of the Architect/Engineer of Record to verify and approve the loading.

LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-5=-54, 7-9=-54, 2-12=-10, 10-12=-10, 8-10=-10
   Concentrated Loads (lb)
   Vert: 7=-398
   Trapezoidal Loads (plf)
   Vert: 5=-120-to-7=-191

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1326 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T04G	GABLE	1	1	J1922811
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Jan 09 15:52:35 2008 Page 1

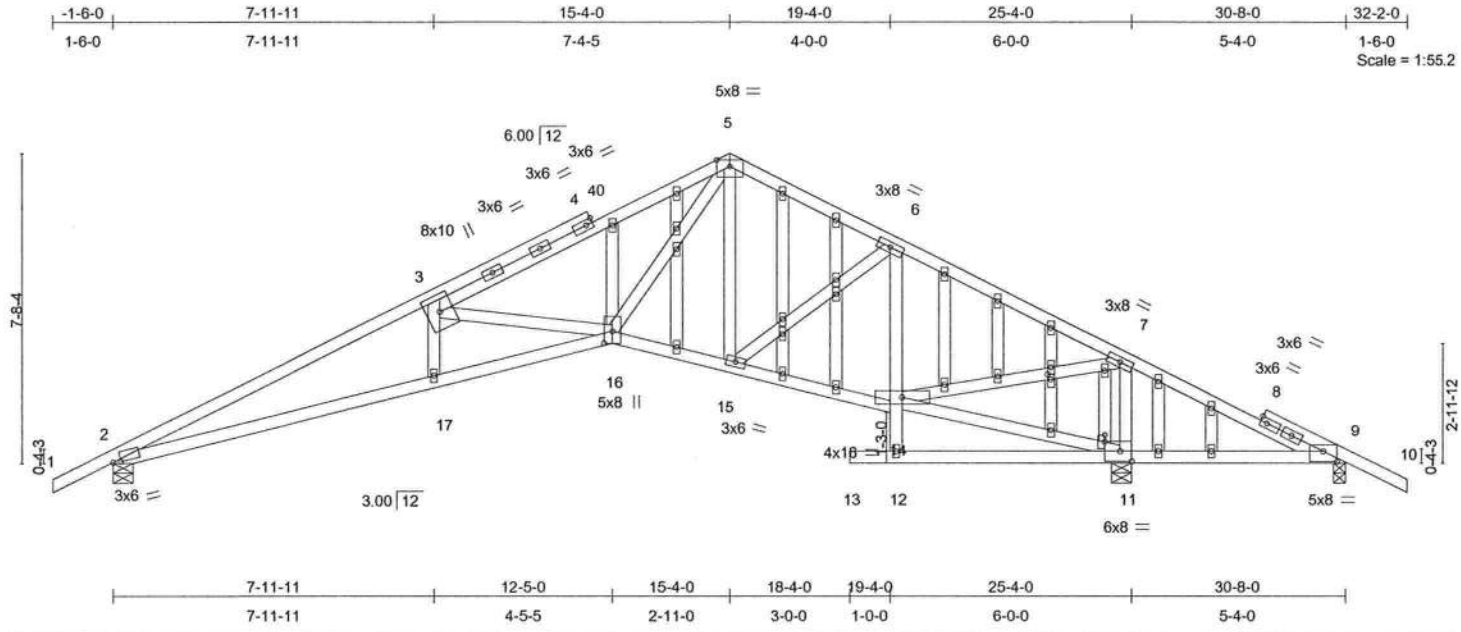


Plate Offsets (X,Y): [2:0-2-5,0-0-6], [9:0-4-0,0-3-1], [11:0-2-0,0-0-0], [11:0-3-8,0-3-0], [16:0-3-10,0-2-8], [34:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.79	Vert(LL)	0.24	16-17	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.35	2-17	>867	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.78	Horz(TL)	0.19	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 211 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 6-12 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-4-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-5-7 oc bracing.

REACTIONS (lb/size) 9=-207/0-3-8, 2=881/0-6-0, 11=2189/0-6-0
Max Horz 2=-131(load case 7)
Max Uplift 9=-286(load case 10), 2=-485(load case 6), 11=-1217(load case 6)
Max Grav 9=54(load case 6), 2=881(load case 1), 11=2189(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/33, 2-3=-2573/1567, 3-4=-1782/1144, 4-40=-1694/1145, 5-40=-1684/1146, 5-6=-1077/839, 6-7=-834/665, 7-8=-978/1533, 8-9=-919/1351, 9-10=-26/59
BOT CHORD	2-17=-1278/2299, 16-17=-1278/2285, 15-16=-361/929, 14-15=-268/631, 12-14=0/107, 6-14=-751/563, 12-13=0/0, 11-12=-48/71, 9-11=-1285/949
WEBS	3-17=0/218, 3-16=-726/571, 5-16=-591/1125, 5-15=-286/154, 6-15=-163/403, 11-14=-1272/902, 7-14=-1262/1959, 7-11=-1812/1431

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.80, 3 = 0.70, 4 = 0.00, 4 = 0.39, 4 = 0.39, 4 = 0.59, 5 = 0.75, 6 = 0.67, 7 = 0.91, 8 = 0.00, 8 = 0.27, 8 = 0.27, 9 = 0.73, 11 = 0.30, 11 = 0.48, 12 = 0.59, 14 = 0.45, 15 = 0.38, 16 = 0.77, 16 = 0.00, 17 = 0.34, 18 = 0.34, 19 = 0.34, 19 = 0.34, 20 = 0.34, 21 = 0.34, 22 = 0.34, 23 = 0.34, 24 = 0.34, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 32 = 0.34, 33 = 0.34, 34 = 0.46, 34 = 0.34, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34 and 39 = 0.34

January 9,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
					J192281
L264633	T04G	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 1-4-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 9, 485 lb uplift at joint 2 and 1217 lb uplift at joint 11.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
11) Gable truss supports 1' 0" max. rake gable overhang.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-40=-54, 5-40=-91(F=-37), 5-10=-91(F=-37), 2-16=-10, 14-16=-10, 12-13=-10, 9-12=-10

Julius Lee
Truss Design Engineer
Florida PE No. 34183
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T05	COMMON	10	1	J1922812
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:55 2008 Page 1

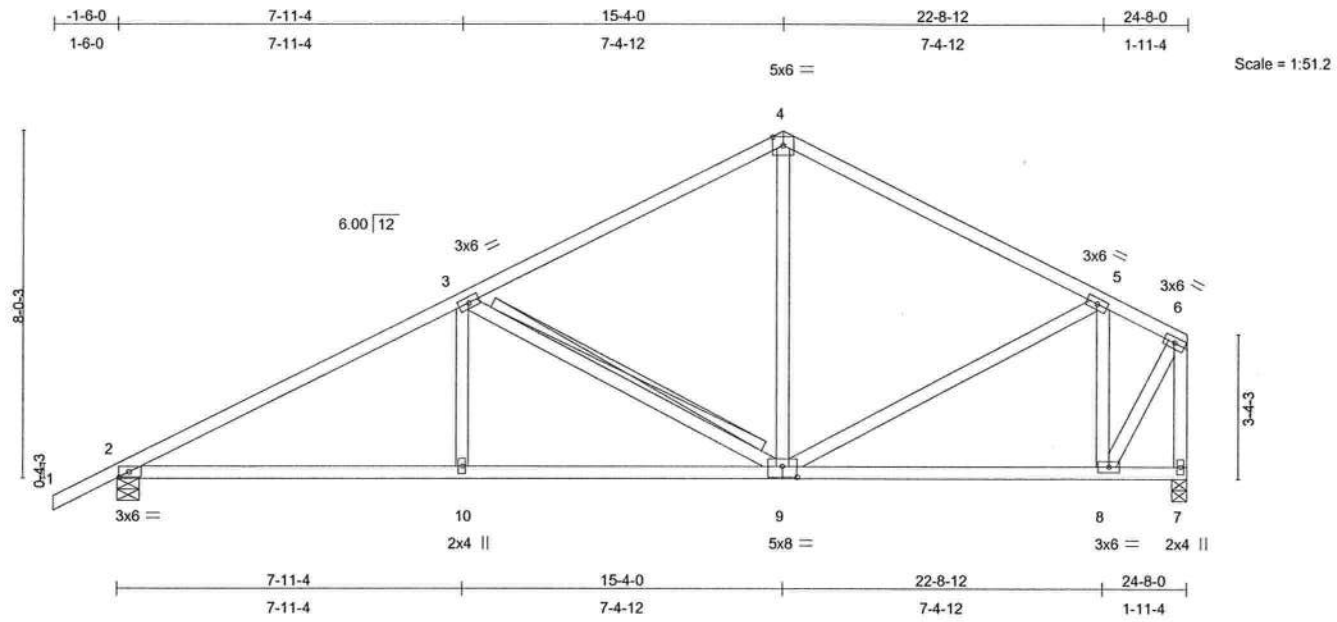


Plate Offsets (X,Y): [2:0-2-12,0-1-8], [9:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	0.09	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.18	2-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 136 lb	

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 3-9 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance. Brace must cover 90% of web length.

REACTIONS (lb/size) 2=875/0-6-0, 7=773/0-4-0
Max Horz 2=190(load case 6)
Max Uplift 2=-253(load case 6), 7=-151(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/36, 2-3=-1317/691, 3-4=-772/499, 4-5=-767/495, 5-6=-391/225, 6-7=-779/436
BOT CHORD	2-10=-658/1089, 9-10=-658/1089, 8-9=-224/377, 7-8=-8/5
WEBS	3-10=0/244, 3-9=-570/414, 4-9=-112/318, 5-9=-79/280, 5-8=-598/440, 6-8=-457/759

JOINT STRESS INDEX
2 = 0.73, 3 = 0.39, 4 = 0.70, 5 = 0.39, 6 = 0.62, 7 = 0.33, 8 = 0.61, 9 = 0.39 and 10 = 0.33

NOTES
1) Unbalanced roof live loads have been considered for this design.

Julius Lee
Truss Design Engineer
Florida FIE No. 34868
1106 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
					J1922812
L264633	T05	COMMON	10	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 253 lb uplift at joint 2 and 151 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33436

January 9,20

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T05G	GABLE	1	1	J1922813
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:56 2008 Page 1

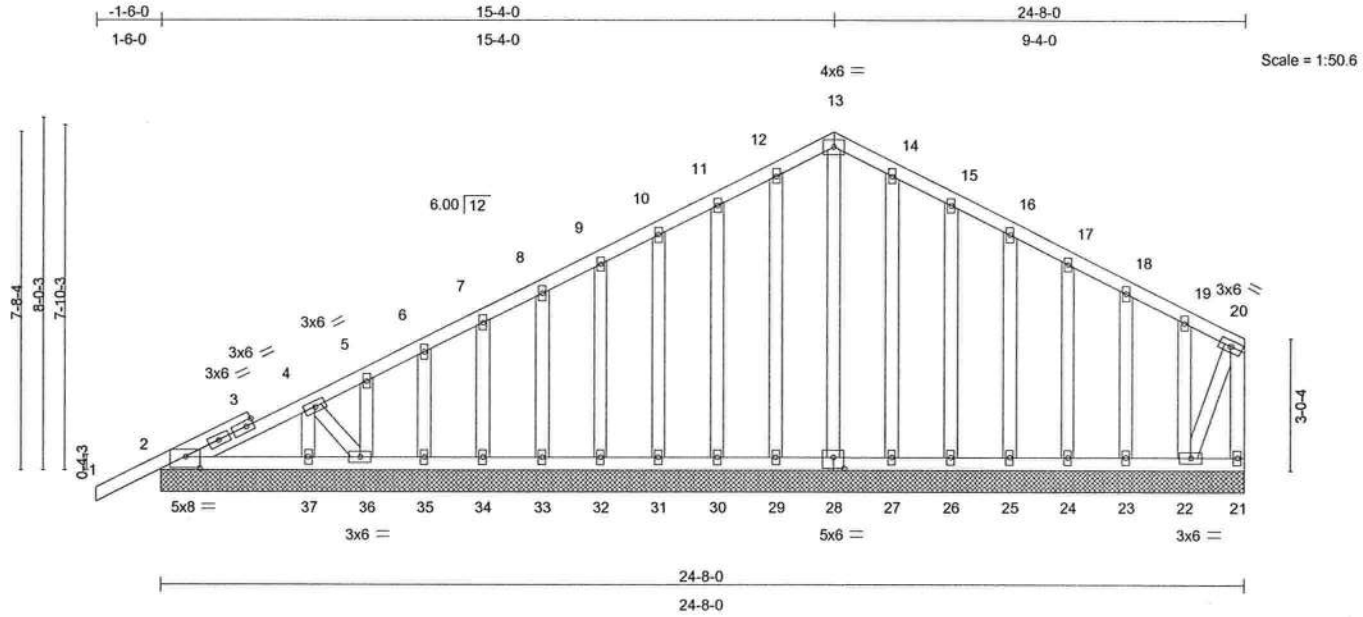


Plate Offsets (X,Y): [2:0-4-0,0-3-1], [28:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	1	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.08	Horz(TL)	0.00	21	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 197 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, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=231/24-8-0, 21=40/24-8-0, 28=97/24-8-0, 29=99/24-8-0, 30=99/24-8-0, 31=99/24-8-0, 32=99/24-8-0, 33=99/24-8-0, 34=97/24-8-0, 35=106/24-8-0, 36=69/24-8-0, 37=185/24-8-0, 27=99/24-8-0, 26=99/24-8-0, 25=99/24-8-0, 24=98/24-8-0, 23=100/24-8-0, 22=97/24-8-0

Max Horz 2=239(load case 6)

Max Uplift 2=-122(load case 6), 29=-47(load case 6), 30=-70(load case 6), 31=-64(load case 6), 32=-64(load case 6), 33=-64(load case 6), 34=-64(load case 6), 35=-65(load case 6), 36=-109(load case 6), 37=-31(load case 7), 27=-42(load case 7), 26=-71(load case 7), 25=-64(load case 7), 24=-64(load case 7), 23=-66(load case 7), 22=-165(load case 7)

Max Grav 2=231(load case 1), 21=99(load case 7), 28=97(load case 1), 29=100(load case 10), 30=99(load case 10), 31=99(load case 1), 32=99(load case 1), 33=99(load case 10), 34=97(load case 1), 35=106(load case 10), 36=70(load case 10), 37=185(load case 1), 27=100(load case 11), 26=99(load case 11), 25=99(load case 1), 24=98(load case 1), 23=100(load case 11), 22=97(load case 11)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Continued on page 2

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/41, 2-3=-139/20, 3-4=-136/37, 4-5=-142/27, 5-6=-112/37, 6-7=-77/47, 7-8=-49/58, 8-9=-28/82, 9-10=-21/105, 10-11=-21/129, 11-12=-21/166, 12-13=-21/192, 13-14=-21/192, 14-15=-21/166, 15-16=-21/125, 16-17=-21/87, 17-18=-21/49, 18-19=-20/18, 19-20=-36/17, 20-21=-93/0

BOT CHORD 2-37=-31/20, 36-37=-31/20, 35-36=0/43, 34-35=0/43, 33-34=0/43, 32-33=0/43, 31-32=0/43, 30-31=0/43, 29-30=0/43, 28-29=0/43, 27-28=0/43, 26-27=0/43, 25-26=0/43, 24-25=0/43, 23-24=0/43, 22-23=0/43, 21-22=-0/2

WEBS 13-28=-83/0, 12-29=-87/55, 11-30=-86/89, 10-31=-85/81, 9-32=-85/81, 8-33=-85/81, 7-34=-85/81, 6-35=-90/84, 5-36=-60/70, 4-37=-153/46, 14-27=-87/54, 15-26=-86/89, 16-25=-85/81, 17-24=-85/81, 18-23=-86/84, 19-22=-83/79, 20-22=-3/109, 4-36=-8/70

JOINT STRESS INDEX

2 = 0.55, 3 = 0.00, 3 = 0.18, 3 = 0.18, 4 = 0.40, 5 = 0.33, 6 = 0.33, 7 = 0.33, 8 = 0.33, 9 = 0.33, 10 = 0.33, 11 = 0.33, 12 = 0.33 , 13 = 0.24, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.33, 18 = 0.33, 19 = 0.33, 20 = 0.45, 21 = 0.33, 22 = 0.48, 23 = 0.33, 24 = 0.33, 25 = 0.33, 26 = 0.33, 27 = 0.33, 28 = 0.19, 29 = 0.33, 30 = 0.33, 31 = 0.33, 32 = 0.33, 33 = 0.33, 34 = 0.33, 35 = 0.33, 36 = 0.37 and 37 = 0.33

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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 122 lb uplift at joint 2, 47 lb uplift at joint 29, 70 lb uplift at joint 30, 64 lb uplift at joint 31, 64 lb uplift at joint 32, 64 lb uplift at joint 33, 64 lb uplift at joint 34, 65 lb uplift at joint 35, 109 lb uplift at joint 36, 31 lb uplift at joint 37, 42 lb uplift at joint 27, 71 lb uplift at joint 26, 64 lb uplift at joint 25 , 64 lb uplift at joint 24, 66 lb uplift at joint 23 and 165 lb uplift at joint 22.
10) 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: 1-13=-64(F=-10), 13-20=-64(F=-10), 2-21=-10

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T06	COMMON	11	1	J1922814
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:57 2008 Page 1

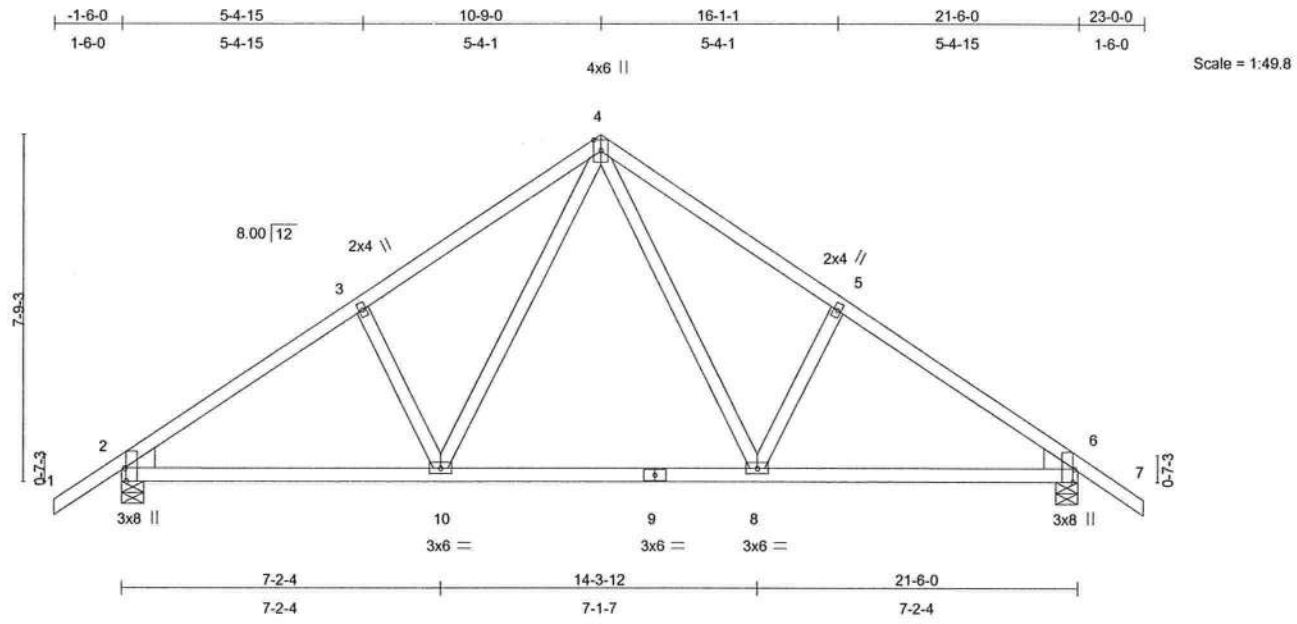


Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	0.18	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.33	8-10	>775	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.34	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 115 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 6 SYP No.1D, Right: 2 X 6 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=980/0-6-0, 6=980/0-6-0
Max Horz 2=-205(load case 4)
Max Uplift 2=-275(load case 6), 6=-275(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/36, 2-3=-1323/583, 3-4=-1184/643, 4-5=-1184/643, 5-6=-1323/583, 6-7=0/36
BOT CHORD 2-10=-321/989, 9-10=-113/701, 8-9=-113/701, 6-8=-321/989
WEBS 3-10=-180/203, 4-10=-279/533, 4-8=-279/533, 5-8=-180/203

JOINT STRESS INDEX
2 = 0.75, 2 = 0.00, 3 = 0.33, 4 = 0.57, 5 = 0.33, 6 = 0.75, 6 = 0.00, 8 = 0.45, 9 = 0.66 and 10 = 0.45

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 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Julius Lee
Truss Design Engineer
Florida FIE No. 34169
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Continued on page 2

NOTES

4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 275 lb uplift at joint 2 and 275 lb uplift at joint 6.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-7=-54, 2-10=-10, 8-10=-70(F=-60), 6-8=-10

Julius Lee
Truss Design Engineer
Florida FIE No. 34869
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T06A	COMMON	3	1	J1922815
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:02:58 2008 Page 1

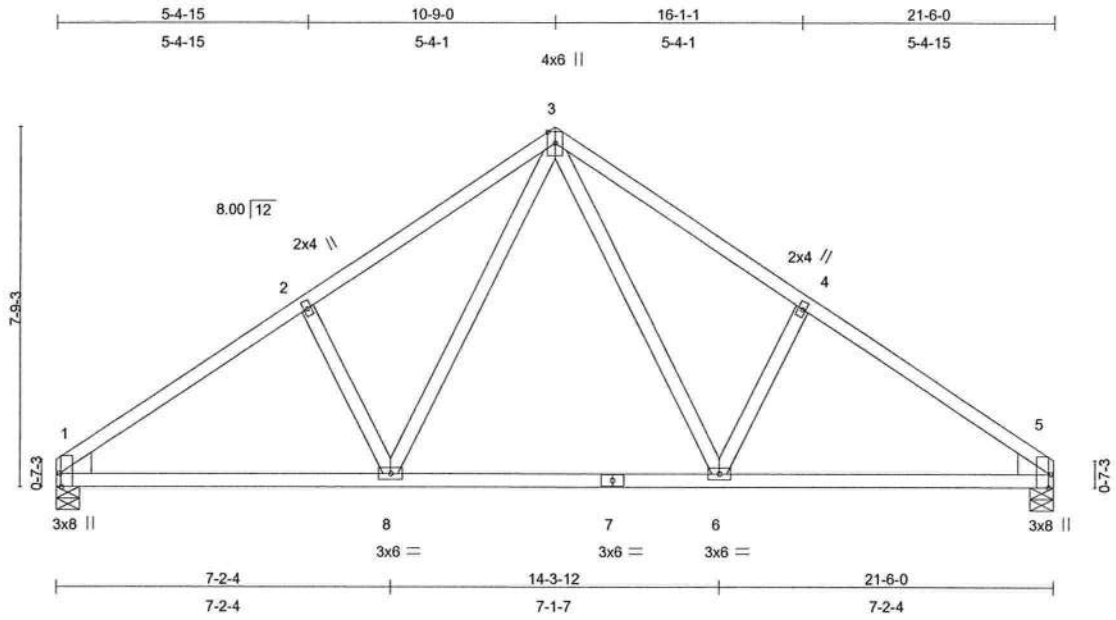


Plate Offsets (X,Y): [1:0-3-8,Edge], [5:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	0.17	6-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.32	6-8	>798	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.36	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 110 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 6 SYP No.1D, Right: 2 X 6 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-3-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-8-5 oc bracing.

REACTIONS (lb/size) 1=886/0-6-0, 5=886/0-6-0
Max Horz 1=-207(load case 4)
Max Uplift 1=-198(load case 6), 5=-198(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1346/613, 2-3=-1209/674, 3-4=-1209/674, 4-5=-1346/613
BOT CHORD 1-8=-399/1013, 7-8=-175/712, 6-7=-175/712, 5-6=-399/1013
WEBS 2-8=-190/217, 3-8=-301/552, 3-6=-301/552, 4-6=-190/217

JOINT STRESS INDEX
1 = 0.74, 1 = 0.00, 2 = 0.33, 3 = 0.54, 4 = 0.33, 5 = 0.74, 5 = 0.00, 6 = 0.45, 7 = 0.65 and 8 = 0.45

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 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Julius Lee
Truss Design Engineer
Florida PE No. 34985
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T06A	COMMON	3	1	J1922815
					Job Reference (optional)

NOTES

4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint 1 and 198 lb uplift at joint 5.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-5=-54, 1-8=-10, 6-8=-70(F=-60), 5-6=-10

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T06G	GABLE	1	1	J1922816
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:03:00 2008 Page 1

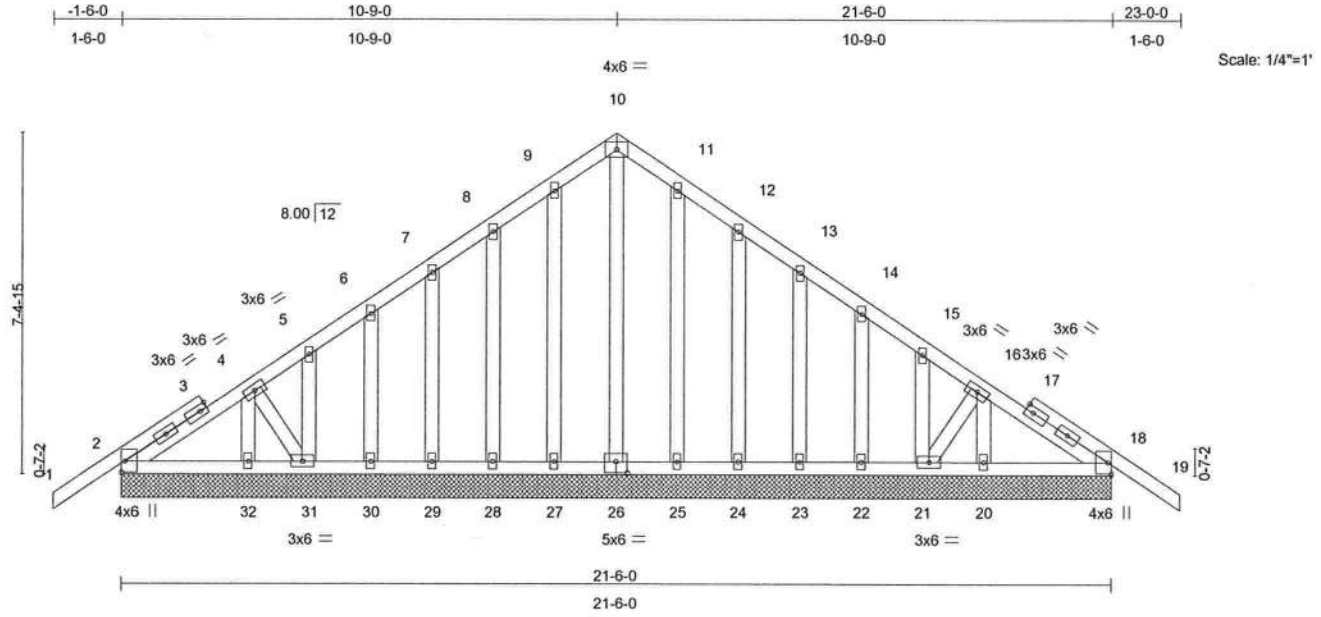


Plate Offsets (X,Y): [26:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.12	Vert(LL)	-0.01	19	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.01	19	n/r	90		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.12	Horz(TL)	0.01	18	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 165 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.

REACTIONS (lb/size) 2=198/21-6-0, 18=198/21-6-0, 26=77/21-6-0, 27=85/21-6-0, 28=86/21-6-0, 29=85/21-6-0, 30=88/21-6-0, 31=94/21-6-0, 32=96/21-6-0, 25=85/21-6-0, 24=86/21-6-0, 23=85/21-6-0, 22=88/21-6-0, 21=94/21-6-0, 20=96/21-6-0

Max Horz 2=-250(load case 4)

Max Uplift 2=-98(load case 6), 18=-130(load case 7), 27=-45(load case 6), 28=-77(load case 6), 29=-69(load case 6), 30=-70(load case 6), 31=-140(load case 6), 25=-39(load case 7), 24=-79(load case 7), 23=-69(load case 7), 22=-70(load case 7), 21=-155(load case 7)

Max Grav 2=198(load case 1), 18=198(load case 1), 26=141(load case 7), 27=86(load case 10), 28=86(load case 10), 29=85(load case 1), 30=88(load case 10), 31=95(load case 10), 32=96(load case 1), 25=86(load case 11), 24=86(load case 11), 23=85(load case 1), 22=88(load case 11), 21=95(load case 11), 20=96(load case 1)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
					J1922816
L264633	T06G	GABLE	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-174/146, 3-4=-166/155, 4-5=-159/137, 5-6=-129/136, 6-7=-96/131, 7-8=-63/136, 8-9=-29/175, 9-10=-28/192, 10-11=-28/190, 11-12=-29/161, 12-13=-29/110, 13-14=-29/63, 14-15=-39/45, 15-16=-67/45, 16-17=-49/39, 17-18=-73/29, 18-19=0/35

BOT CHORD 2-32=-62/140, 31-32=-62/140, 30-31=-34/192, 29-30=-34/192, 28-29=-34/192, 27-28=-34/192, 26-27=-34/192, 25-26=-34/192, 24-25=-34/192, 23-24=-34/192, 22-23=-34/192, 21-22=-34/192, 20-21=-14/125, 18-20=-14/125

WEBS 10-26=-133/0, 9-27=-73/53, 8-28=-73/85, 7-29=-72/77, 6-30=-74/80, 5-31=-63/70, 4-32=-74/11, 11-25=-73/47, 12-24=-73/87, 13-23=-72/77, 14-22=-74/80, 15-21=-63/69, 16-20=-74/0, 4-31=-27/97, 16-21=-32/110

JOINT STRESS INDEX

2 = 0.68, 3 = 0.00, 3 = 0.15, 3 = 0.15, 4 = 0.41, 5 = 0.33, 6 = 0.33, 7 = 0.33, 8 = 0.33, 9 = 0.33, 10 = 0.27, 11 = 0.33, 12 = 0.33 , 13 = 0.33, 14 = 0.33, 15 = 0.33, 16 = 0.41, 17 = 0.00, 17 = 0.15, 17 = 0.15, 18 = 0.68, 20 = 0.33, 21 = 0.41, 22 = 0.33, 23 = 0.33, 24 = 0.33, 25 = 0.33, 26 = 0.19, 27 = 0.33, 28 = 0.33, 29 = 0.33, 30 = 0.33, 31 = 0.41 and 32 = 0.33

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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 2, 130 lb uplift at joint 18, 45 lb uplift at joint 27, 77 lb uplift at joint 28, 69 lb uplift at joint 29, 70 lb uplift at joint 30, 140 lb uplift at joint 31, 39 lb uplift at joint 25, 79 lb uplift at joint 24, 69 lb uplift at joint 23, 70 lb uplift at joint 22 and 155 lb uplift at joint 21.

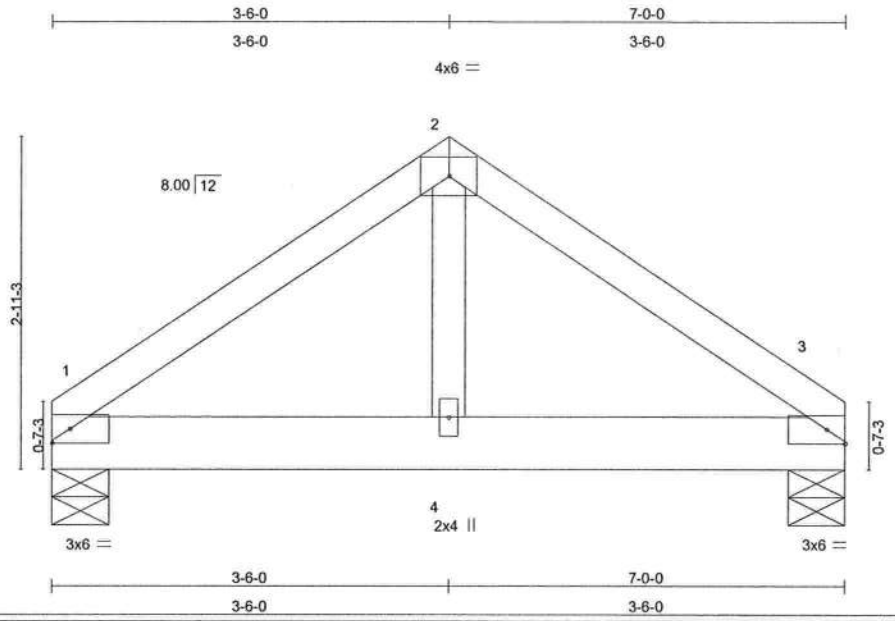
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida FIE No. 34868
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T07	COMMON	1	2	J1922817
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:03:01 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.08	Vert(LL)	-0.01	1-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.14	Vert(TL)	-0.01	1-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.22	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 65 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=1369/0-6-0, 3=1369/0-6-0
Max Horz 1=-70(load case 3)
Max Uplift 1=-385(load case 5), 3=-385(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1345/388, 2-3=-1345/387
BOT CHORD 1-4=-280/1043, 3-4=-280/1043
WEBS 2-4=-387/1383

JOINT STRESS INDEX
1 = 0.55, 2 = 0.36, 3 = 0.55 and 4 = 0.49

NOTES
1) 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 6 - 2 rows at 0-9-0 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.

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T07	COMMON	1	2	J1922817
					Job Reference (optional)

NOTES

4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 385 lb uplift at joint 1 and 385 lb uplift at joint 3.
8) Girder carries tie-in span(s): 24-10-0 from 0-0-0 to 7-0-0

LOAD CASE(S) Standard

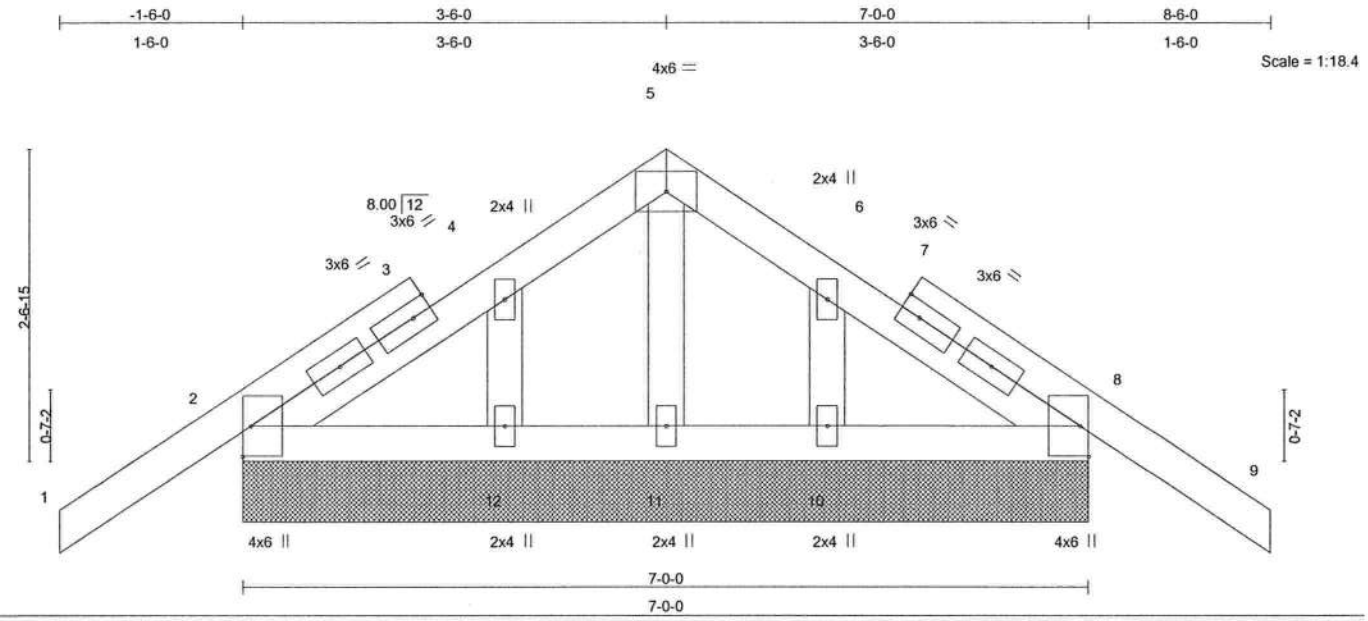
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-3=-54, 1-3=-367(F=-357)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,2008

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T07G	GABLE	1	1	J1922818
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Jan 04 09:03:02 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.01	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.01	9	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.02	Horz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 40 lb	

LUMBER

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

REACTIONS (lb/size) 2=213/7-0-0, 8=213/7-0-0, 11=85/7-0-0, 12=99/7-0-0, 10=99/7-0-0
Max Horz 2=82(load case 5)
Max Uplift 2=-163(load case 6), 8=-176(load case 7), 11=-5(load case 5), 12=-49(load case 6), 10=-49(load case 7)
Max Grav 2=213(load case 1), 8=213(load case 1), 11=85(load case 1), 12=102(load case 10), 10=102(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/42, 2-3=-64/55, 3-4=-39/62, 4-5=-38/81, 5-6=-38/81, 6-7=-9/38, 7-8=-64/35, 8-9=0/42
BOT CHORD	2-12=-6/72, 11-12=-6/72, 10-11=-6/72, 8-10=-6/72
WEBS	5-11=-70/8, 4-12=-91/72, 6-10=-91/72

JOINT STRESS INDEX

2 = 0.58, 3 = 0.00, 3 = 0.15, 3 = 0.15, 4 = 0.04, 5 = 0.06, 6 = 0.04, 7 = 0.00, 7 = 0.15, 7 = 0.15, 8 = 0.58, 10 = 0.04, 11 = 0.02 and 12 = 0.04

NOTES

1) Unbalanced roof live loads have been considered for this design.

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 9,20

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	SKYLINE HOMES / KNUTSEN
L264633	T07G	GABLE	1	1	J1922818
					Job Reference (optional)

NOTES

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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 1-4-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 163 lb uplift at joint 2, 176 lb uplift at joint 8, 5 lb uplift at joint 11, 49 lb uplift at joint 12 and 49 lb uplift at joint 10.
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

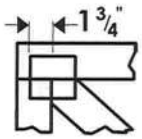
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-64(F=-10), 5-9=-64(F=-10), 2-8=-10

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

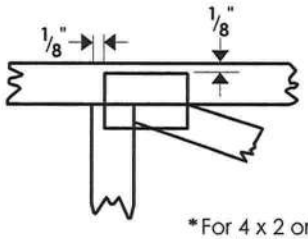
January 9,2008

Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

PLATE SIZE

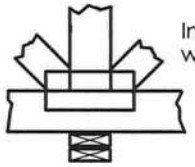
4 x 4

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

LATERAL BRACING

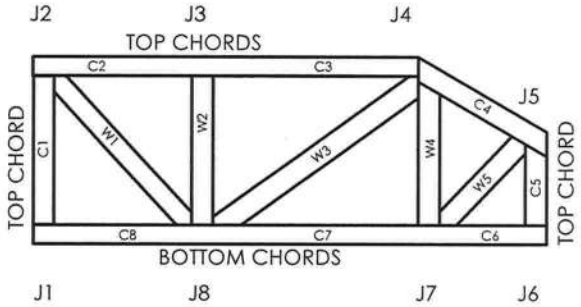
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

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

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

ASCE 7-02: 130 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 4"	5' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"
		#3	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"
		STUD	3' 3"	4' 11"	4' 11"	6' 5"	6' 5"	8' 3"	8' 3"	10' 0"	10' 0"	12' 11"	12' 11"
		STANDARD	3' 3"	4' 2"	4' 2"	5' 6"	5' 6"	7' 5"	7' 5"	8' 8"	8' 8"	11' 6"	11' 6"
	SP DFL	#1	3' 8"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#2	3' 7"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#3	3' 6"	5' 0"	5' 0"	6' 8"	6' 8"	8' 3"	8' 8"	10' 4"	10' 4"	12' 11"	13' 7"
		STUD	3' 6"	5' 0"	5' 0"	8' 7"	6' 7"	8' 3"	8' 8"	10' 3"	10' 3"	12' 11"	13' 7"
		STANDARD	3' 4"	4' 3"	4' 3"	5' 8"	5' 8"	7' 8"	7' 8"	8' 10"	8' 10"	12' 0"	12' 0"
16" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 6"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	6' 2"	6' 10"	6' 10"	9' 2"	9' 2"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	8' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	8' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 2"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 3"	7' 4"	7' 7"	8' 9"	8' 11"	10' 6"	10' 8"	13' 8"	14' 0"	14' 0"	14' 0"
		#3	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 8"	13' 8"	14' 0"	14' 0"
		STUD	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 6"	13' 6"	14' 0"	14' 0"
		STANDARD	4' 2"	6' 11"	6' 11"	7' 10"	7' 10"	10' 6"	10' 6"	12' 3"	12' 3"	14' 0"	14' 0"
	SP DFL	#1	4' 8"	7' 4"	7' 11"	8' 9"	9' 5"	10' 5"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"
		#2	4' 7"	7' 4"	7' 11"	8' 9"	9' 5"	10' 6"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 2"	7' 2"	8' 9"	9' 2"	10' 5"	10' 11"	13' 5"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 1"	7' 1"	8' 9"	9' 2"	10' 5"	10' 11"	13' 5"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	12' 6"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

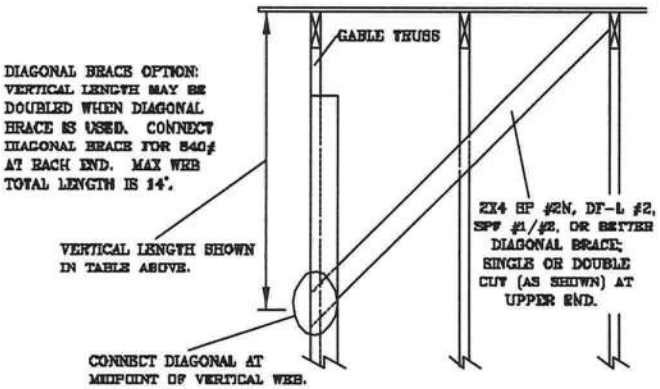
SOUTHERN PINE
#3
STUD
STANDARD

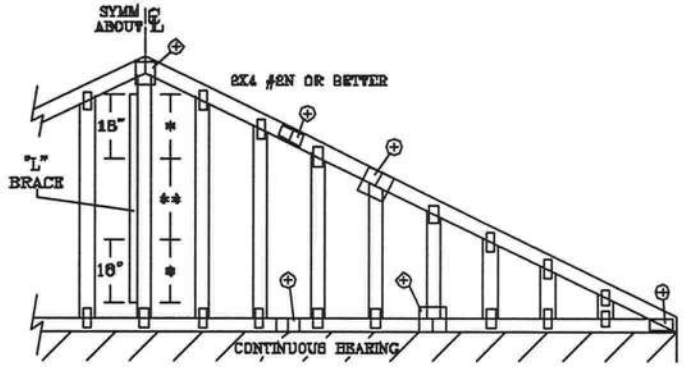
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#3
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

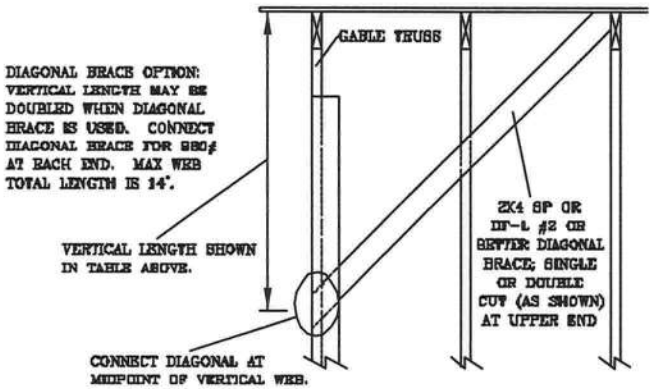
MAX. SPACING 24.0"

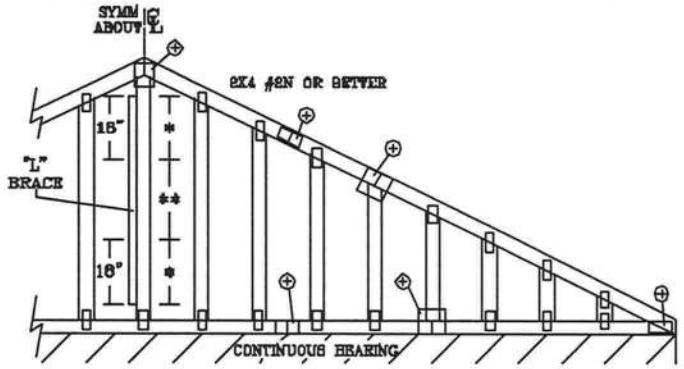
REF	ASCE7-02-GAB13015
DATE	11/26/03
DRWG	MITEK STD GABLE 15 E HT
-ENG	

ASCE 7-02: 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 2"	5' 6"	5' 6"	6' 6"	6' 9"	7' 10"	8' 0"	10' 3"	10' 7"	12' 3"	12' 7"
		#3	3' 1"	4' 5"	4' 5"	5' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STUD	3' 1"	4' 5"	4' 5"	5' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STANDARD	2' 11"	3' 9"	3' 9"	5' 0"	5' 0"	6' 9"	6' 9"	7' 10"	7' 10"	10' 7"	10' 7"
	SP DFL	#1	3' 6"	5' 8"	5' 11"	6' 8"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#2	3' 5"	5' 6"	5' 11"	6' 6"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#3	3' 3"	4' 6"	4' 6"	6' 0"	6' 0"	7' 10"	8' 1"	9' 4"	9' 4"	12' 3"	12' 5"
		STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 5"
		STANDARD	3' 0"	3' 10"	3' 10"	5' 1"	5' 1"	6' 11"	6' 11"	8' 0"	8' 0"	10' 10"	10' 10"
16" O.C.	SPF HF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
		STUD	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
		STANDARD	3' 7"	4' 6"	4' 6"	6' 2"	6' 2"	8' 3"	8' 3"	9' 7"	9' 7"	12' 11"	12' 11"
	SP DFL	#1	4' 0"	6' 4"	6' 10"	7' 8"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2	3' 11"	6' 4"	6' 10"	7' 8"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#3	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"
		STUD	3' 8"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	13' 3"
12" O.C.	SPF HF	#1 / #2	4' 0"	6' 11"	7' 2"	8' 3"	8' 6"	9' 10"	10' 1"	12' 11"	15' 4"	14' 0"	14' 0"
		#3	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 11"	12' 11"	14' 0"	14' 0"
		STUD	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 10"	12' 10"	14' 0"	14' 0"
		STANDARD	3' 11"	5' 4"	5' 4"	7' 1"	7' 1"	9' 6"	9' 6"	11' 1"	11' 1"	14' 0"	14' 0"
	SP DFL	#1	4' 5"	6' 11"	7' 8"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#2	4' 4"	6' 11"	7' 8"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#3	4' 2"	6' 5"	6' 5"	8' 3"	8' 6"	9' 10"	10' 4"	12' 11"	13' 3"	14' 0"	14' 0"
		STUD	4' 2"	6' 4"	6' 4"	8' 3"	8' 5"	9' 10"	10' 4"	12' 11"	13' 1"	14' 0"	14' 0"
		STANDARD	4' 0"	5' 6"	5' 8"	7' 3"	7' 3"	9' 9"	9' 9"	11' 4"	11' 4"	14' 0"	14' 0"





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

SOUTHERN PINE
#3
STUD
STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#2
#2

DOUGLAS FIR-LARCH
#1
#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 190 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

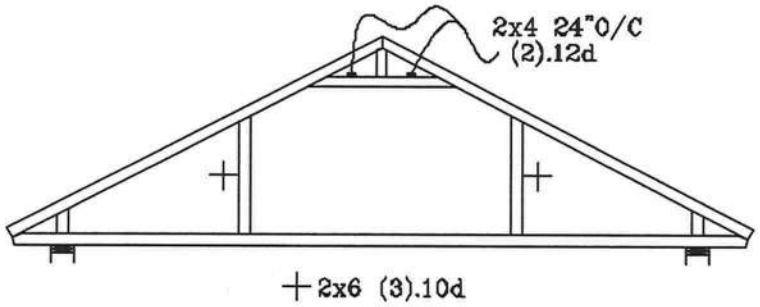
JULIUS LEE'S
CONS. ENGINEERS P.A.
1466 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

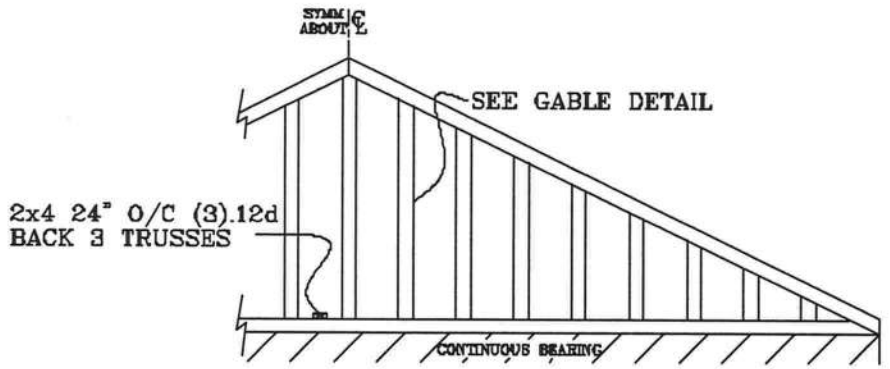
MAX. SPACING 24.0"

REF ASCE7-02-GAB13090
DATE 11/26/03
DWG MITEK STD GABLE 30' E W7
-ENG

TYPICAL ATTIC TRUSS BRACING

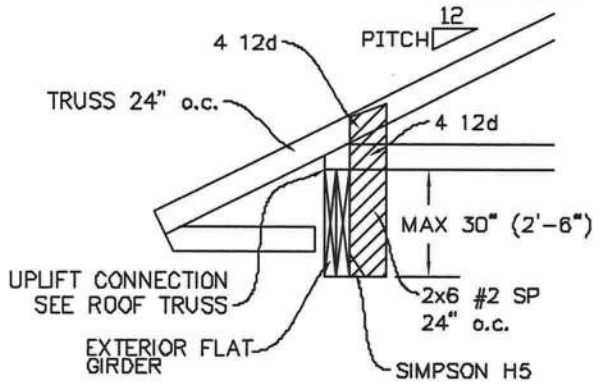


GABLE END TRUSS DETAIL

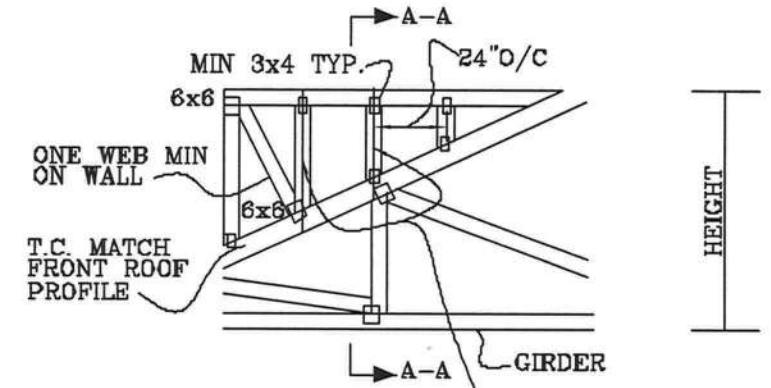


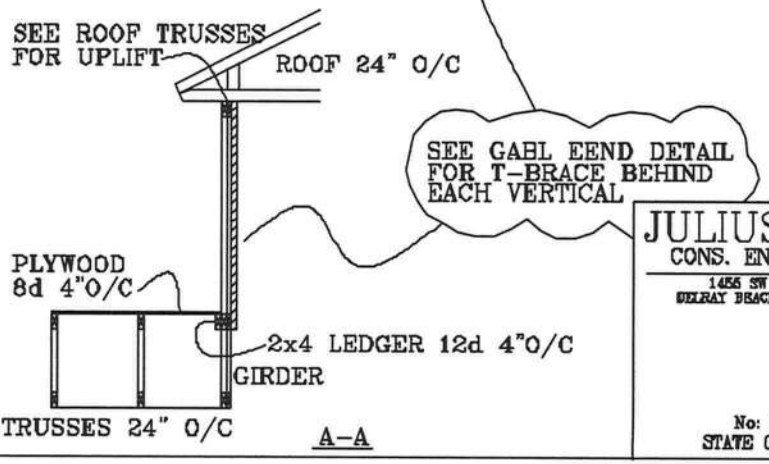
MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL





JULIUS LEE'S
CONS. ENGINEERS P.A.
1456 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

PIGGYBACK DETAIL

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

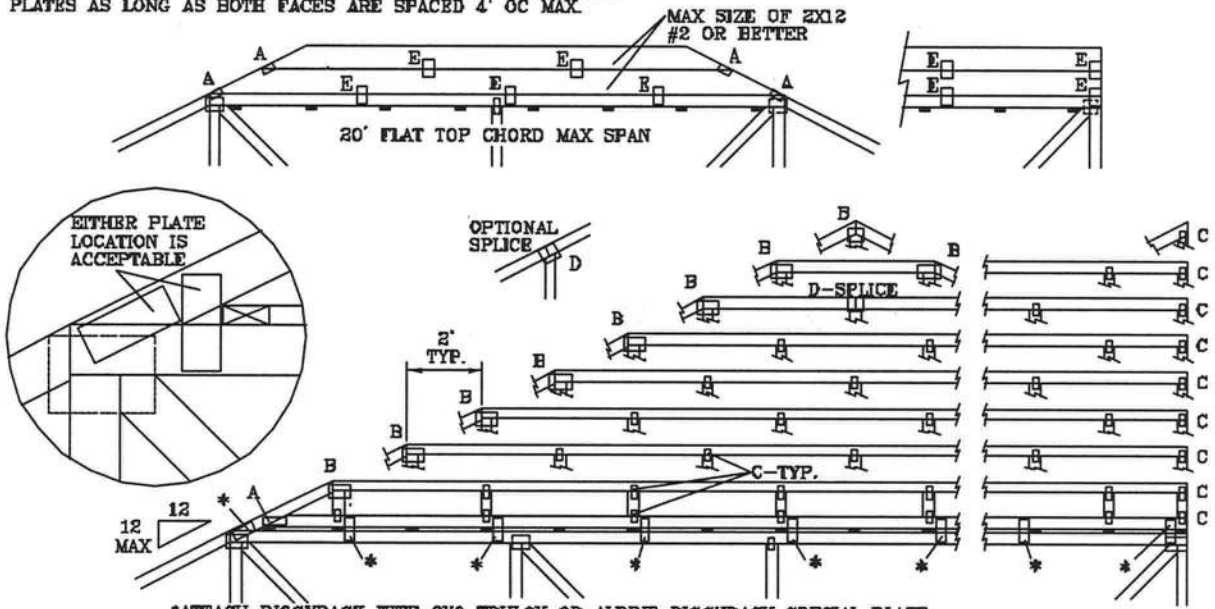
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

- 110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF
- 110 MPH WIND, 30' MEAN HGT, FBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF
- 130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=6 PSF, WIND BC DL=6 PSF

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X8 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

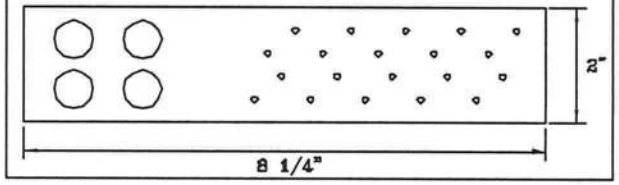
ATTACH TRULOX PLATEWITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.



WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4" OC.

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161
No: 34869
STATE OF FLORIDA

MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF PIGGYBACK
DATE 09/12/07
DRWG MITEK STD PIGGY
-ENG JL

VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

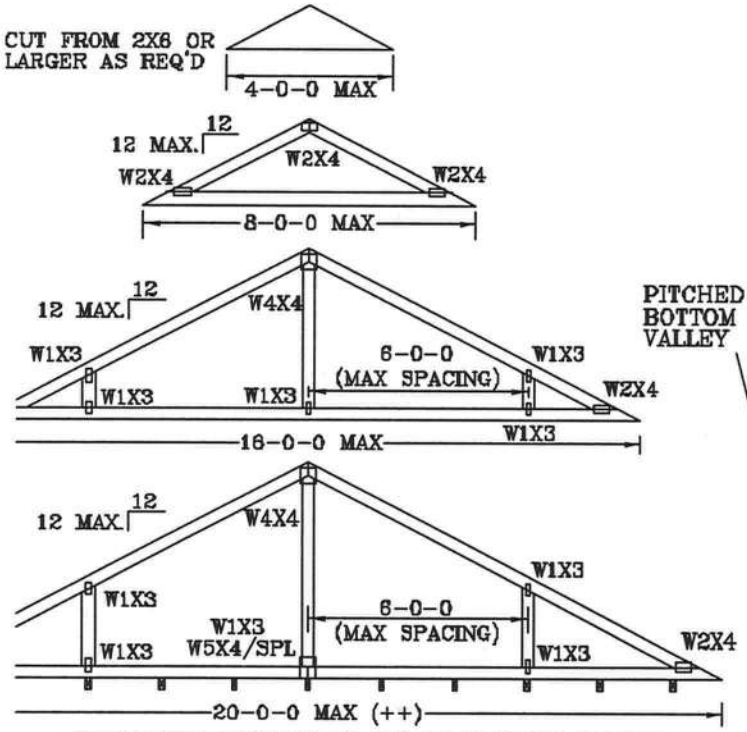
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

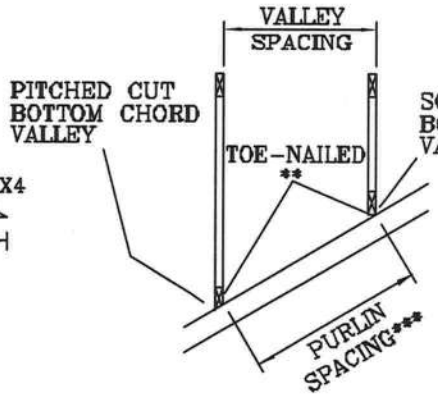
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

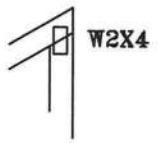
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.

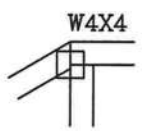


SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.

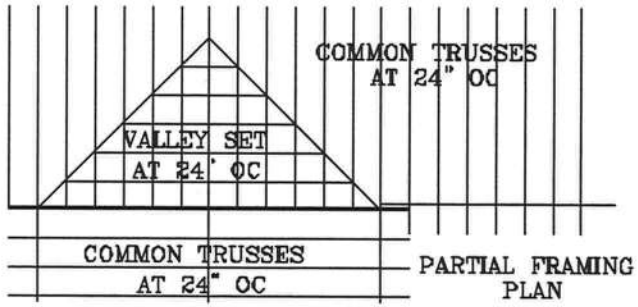




OPTIONAL STUB END DETAIL



OPTIONAL HIP JOINT DETAIL



PARTIAL FRAMING PLAN

THIS DRAWING REPLACES DRAWING A105

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	20	20	PSF	REF VALLEY DETAIL
TC DL	7	15	PSF	DATE 11/26/03
BC DL	5	5	PSF	DRWG VALTRUSS1103
BC LL	0	0	PSF	-ENG JL
TOT. LD.	32	40	PSF	
DURFAC. 1.25		1.25		
SPACING		24"		

TOE-NAIL DETAIL

TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 - EDGE DISTANCE, END DISTANCE, SPACING: "EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD."

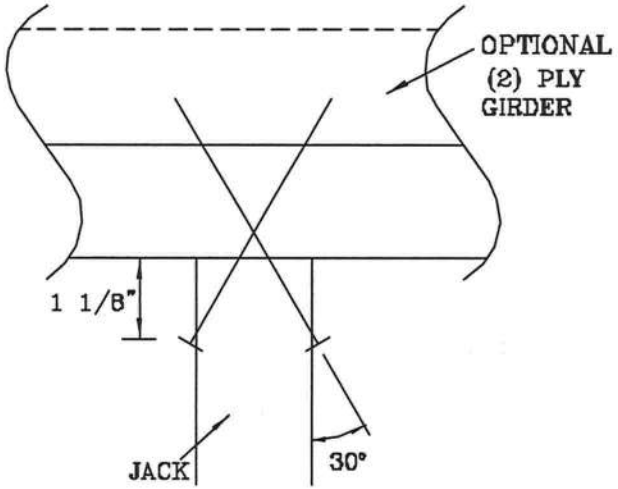
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

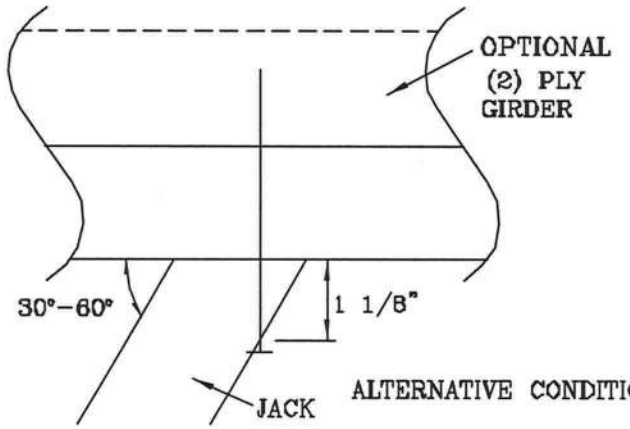
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"X3.5") COMMON TOE-NAILS

NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES
2	197#	256#	181#	234#	156#	203#	154#	199#
3	296#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#

ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.





ALTERNATIVE CONDITION

THIS DRAWING REPLACES DRAWING 784040

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONAIL1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

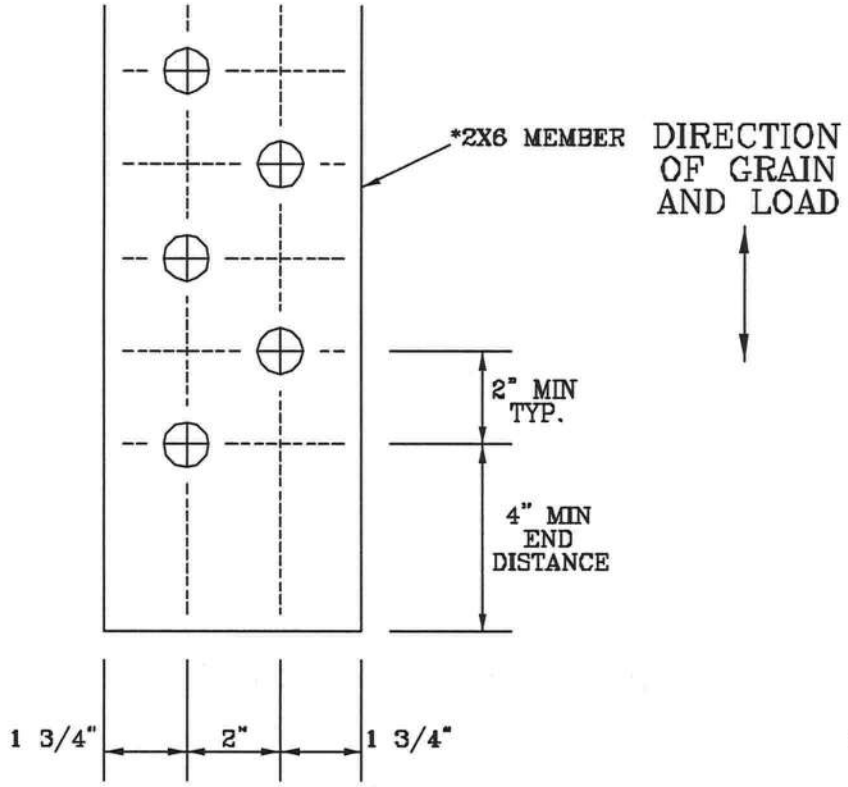
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

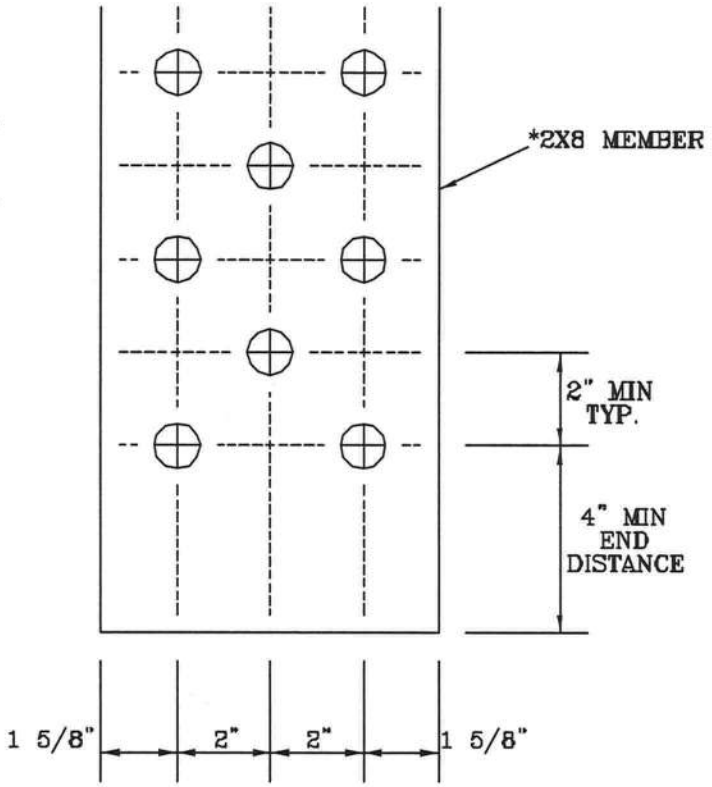
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL



2X8 DETAIL

THIS DRAWING REPLACES DRAWING A628.016

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	BOLT SPACING
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	CNBOLTSP1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

TRULOX CONNECTION DETAIL

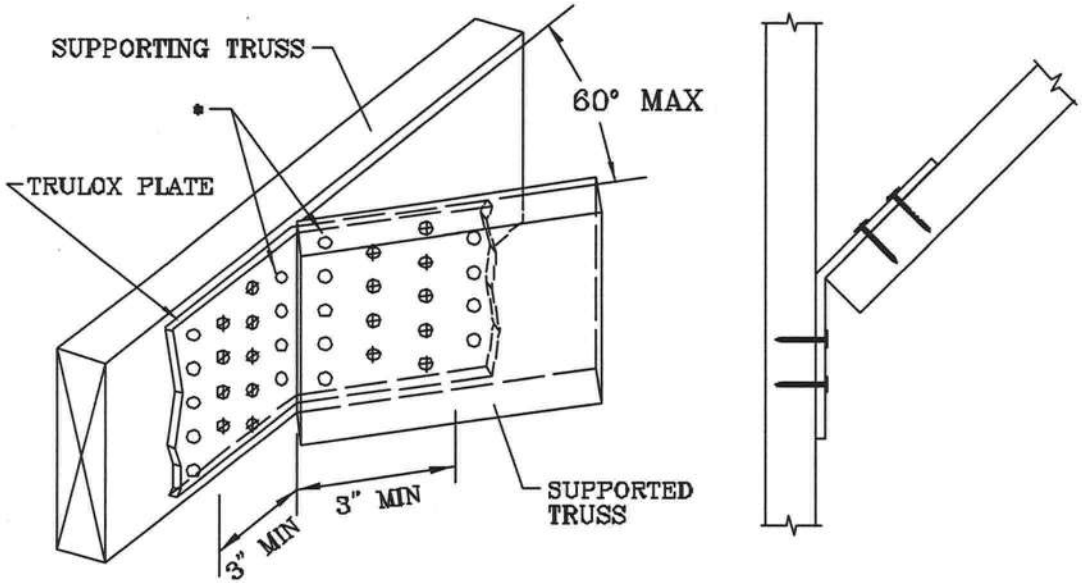
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

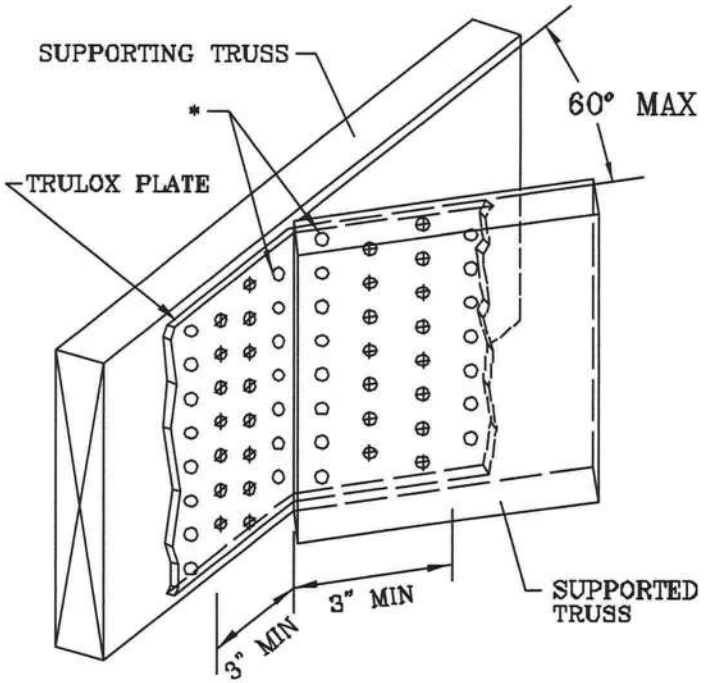
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



MINIMUM 3X6 TRULOX PLATE



MINIMUM 5X6 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
5X6	15	990#

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R 1,154,944 1,152,217 1,152,017 1,159,154 & 1,151,524

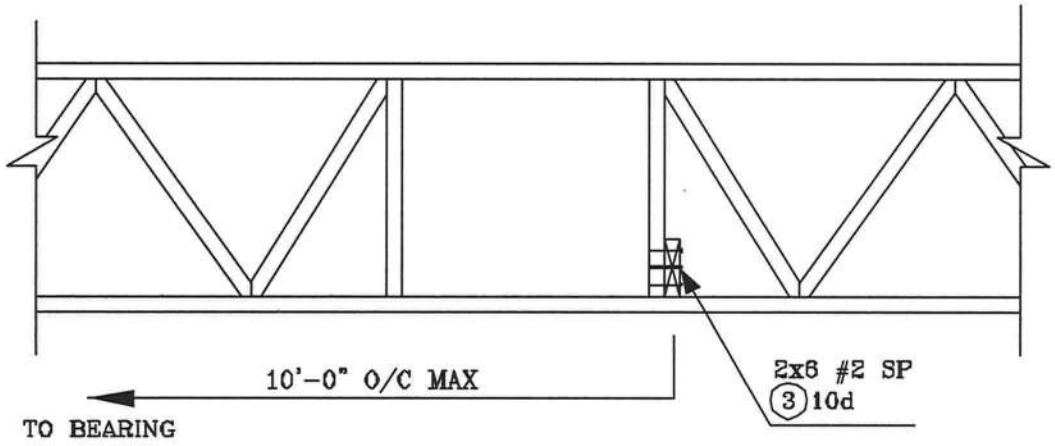
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

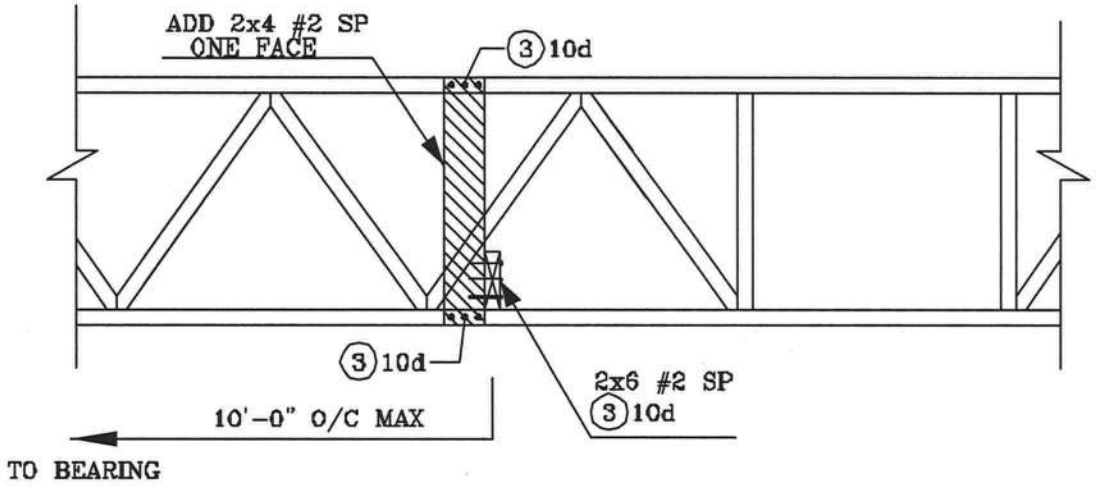
No: 34869
STATE OF FLORIDA

REF	TRULOX
DATE	11/26/03
DRWG	CNTRULOX1103
-ENG	JL

STRONG BACK DETAIL
SYSTEM–42 OR FLAT TRUSS

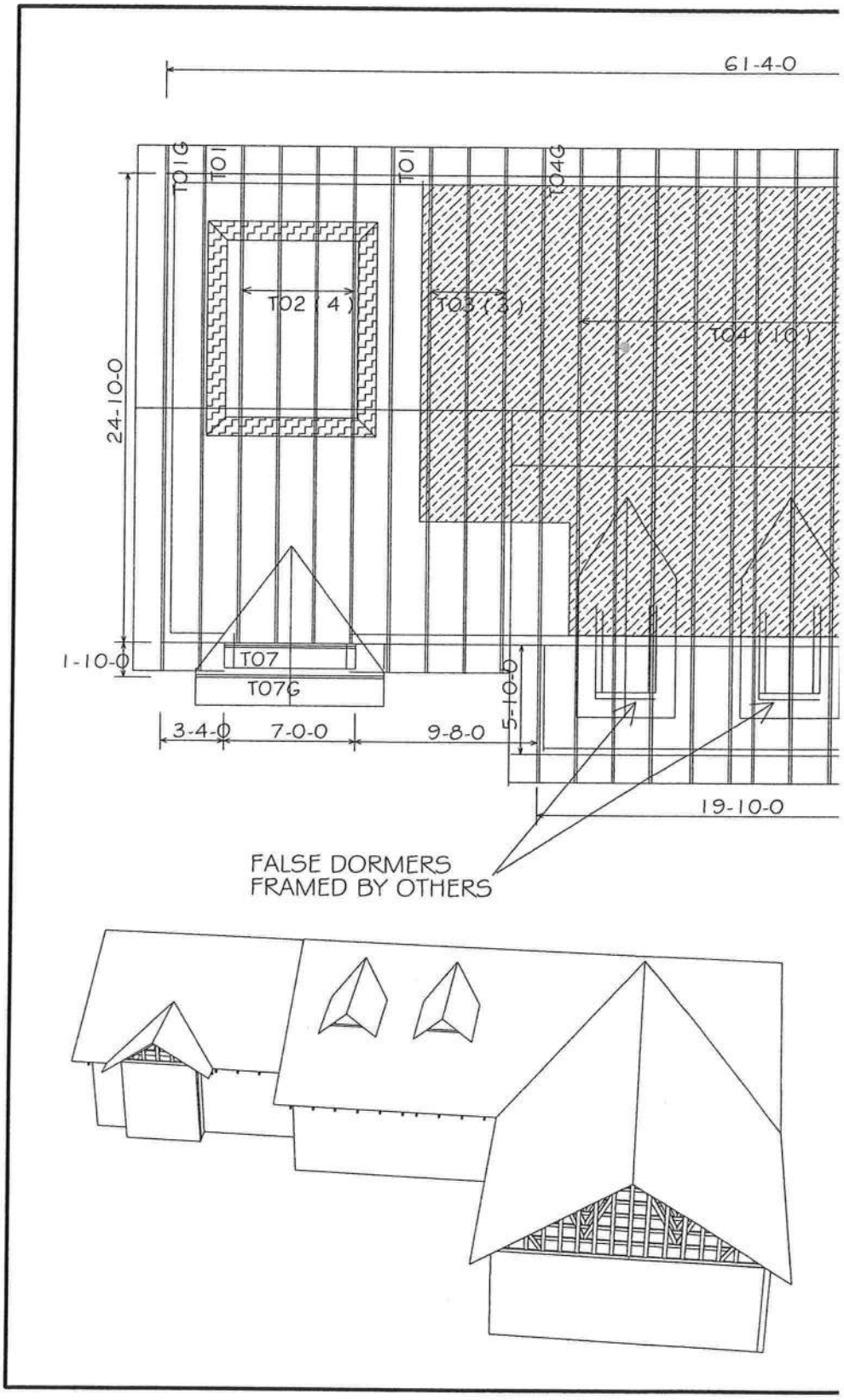


ALTERNATE DETAIL FOR
STRONG BACK WITH VERTICAL
NOT LINING UP

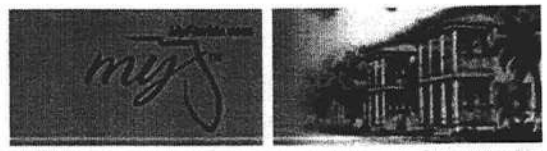


JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444–2161

No: 34869
STATE OF FLORIDA


61-4-0
T01G
T01
T01
T04G
T02 (4)
T03 (3)
T04 (10)
24-10-0
1-10-0
T07
T07G
3-4-0
7-0-0
9-8-0
5-10-0
19-10-0
FALSE DORMERS
FRAMED BY OTHERS

FLORIDA DEPARTMENT OF Community Affairs



Product Approval
USER: Public User

FL #	FL1956-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	TAMKO Building Products, Inc.
Address/Phone/Email	PO Box 1404 Joplin, MO 64802 (800) 641-4691 ext 2394 fred_oconnor@tamko.com
Authorized Signature	Frederick O'Connor fred_oconnor@tamko.com
Technical Representative	Frederick J. O'Connor
Address/Phone/Email	PO Box 1404 Joplin, MO 64802 (800) 641-4691 fred_oconnor@tamko.com

Quality Assurance Representative Address/Phone/Email	
Category	Roofing
Subcategory	Asphalt Shingles
Compliance Method	Certification Mark or Listing
Certification Agency	Underwriters Laboratories Inc.

Referenced Standard and Year (of Standard)	**Standard**	**Year**
	ASTM D 3462	2001

Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	06/09/2005
Date Validated	06/20/2005
Date Pending FBC Approval	06/25/2005
Date Approved	06/29/2005

Summary of Products

FL #	Model, Number or Name	Description

slopes of 2:12 or greater. Not approved for use in HVHZ.	

Back Next

DCA Administration
Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

4

Underwriters Laboratories Inc.®

Northbrook Division
333 Pfingsten Road
Northbrook, IL 60062-2096 USA
www.ul.com
tel: 1 847 272 8800

June 17, 2005

Tamko Roofing Products
Ms. Kerri Eden
P.O. Box 1404
220 W. 4th Street
Joplin, MO 64802-1404

Our Reference: R2919

This is to confirm that "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage 50 AR", "Glass-Seal AR" manufactured at Tuscaloosa, AL and "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage XL AR", "Heritage 50 AR" manufactured at Frederick, MD and "Heritage 30 AR", "Heritage XL AR", and "Heritage 50 AR" manufactured in Dallas, TX are UL Listed asphalt glass mat shingles and have been evaluated in accordance with ANSI/UL 790, Class A (ASTM E108), ASTM D3462, ASTM D3161 or UL 997 modified to 110 mph when secured with four nails.

Let me know if you have any further questions.

Very truly yours,

Alpesh Patel (Ext. 42522)
Engineer Project
Fire Protection Division

Reviewed by,

R. K. Laymon

Randall K. Laymon (Ext. 42687)
Engineer Sr Staff
Fire Protection Division

TAMKO BUILDING PRODUCTS

Application Instructions for

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING 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 rakes.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness 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 a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

TAMKO does not recommend re-roofing over existing roof.

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. FASTENERS

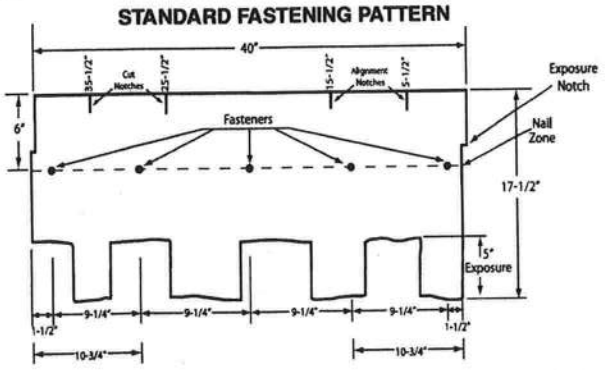
WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede 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, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable miles per hour as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed 6 in. from the top edge of the shingle located horizontally as follows:

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1-1/2 in. back from each end, one 10-3/4 in. back from each end and one 20 in. from one end of the shingle for a total of 5 fasteners. (See standard fastening pattern illustrated below).

STANDARD FASTENING PATTERN



2) Mansard or Steep Slope Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) Use standard nailing instructions with four additional nails placed 6 in. from the butt edge of the shingle making certain nails are covered by the next (successive) course of shingles.

(Continued)

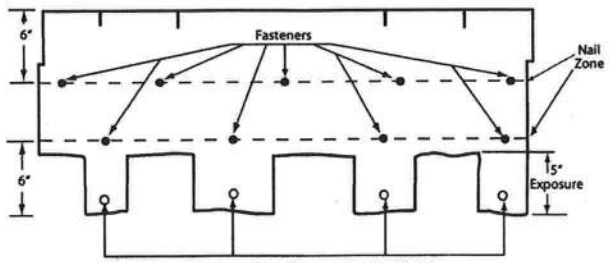
TAMKO BUILDING PRODUCTS

(CONTINUED from Pg. 1)

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

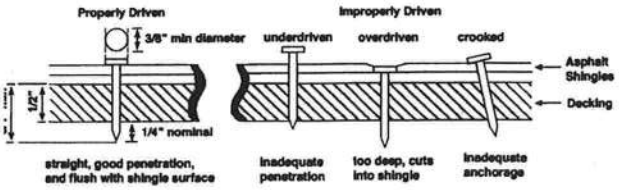
Each shingle tab must be sealed underneath with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a $.25 piece and applied to shingles with a 5 in. exposure, use 9 fasteners per shingle.

MANSARD FASTENING PATTERN



Apply under each tab 1" diameter asphalt adhesive cement.

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. into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



4. UNDERLAYMENT

UNDERLAYMENT: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles and leaks which are not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

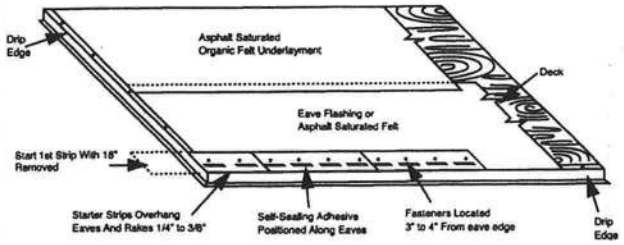
Products which are acceptable for use as underlayment are:

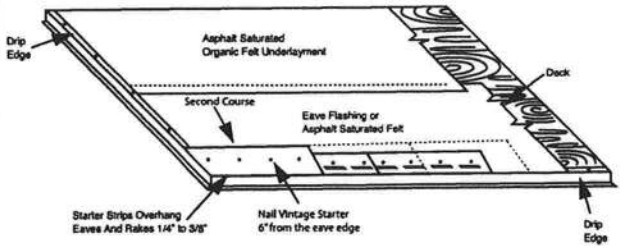
- TAMKO No. 15 Asphalt Saturated Organic Felt
- A non-perforated asphalt saturated organic felt which meets ASTM: D226, Type I or ASTM D4869, Type I
- Any TAMKO non-perforated asphalt saturated organic felt
- TAMKO TW Metal and Tile Underlayment, TW Underlayment and Moisture Guard Plus® (additional ventilation maybe required. Contact TAMKO's technical services department for more information)

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information.
TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: Two starter course layers must be applied prior to application of Heritage Vintage AR Shingles.
The first starter course may consist of TAMKO Shingle Starter, three tab self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If three tab self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. If using three tab self-sealing shingles or shingle starter, remove 18 in. from first shingle to offset the end joints of the Vintage Starter. Attach the first starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eave edge. The starter course should overhang both the eave and rake edge 1/4 in. to 3/8 in. Over the first starter course, install Heritage Vintage Starter AR and begin at the left rake edge with a full size shingle and continue across the roof nailing the Heritage Vintage Starter AR along a line parallel to and 6 in. from the eave edge.





Note: Do not allow Vintage Starter AR joints to be visible between shingle tabs. Cutting of the starter may be required.

HERITAGE VINTAGE STARTER AR
12 1/2" x 36" 20 PIECES PER BUNDLE
60 LINEAL FT. PER BUNDLE

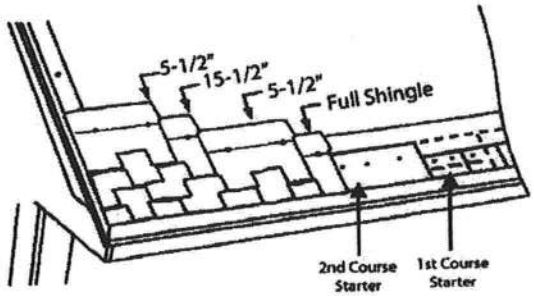
(Continued)

(CONTINUED from Pg. 2)

TAMKO BUILDING PRODUCTS

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

SHINGLE APPLICATION: Start the first course at the left rake edge with a full size shingle and overhang the rake edge 1/4 in. to 3/8 in.. To begin the second course, align the right side of the shingle with the 5-1/2 in. alignment notch on the first course shingle making sure to align the exposure notch. (See shingle illustration on next page) Cut the appropriate amount from the rake edge so the overhang is 1/4" to 3/8". For the third course, align the shingle with the 15-1/2 in. alignment notch at the top of the second course shingle, again being sure to align the exposure notch. Cut the appropriate amount from the rake edge. To begin the fourth course, align the shingle with the 5-1/2 in. alignment notch from the third course shingle while aligning the exposure notch. Cut the appropriate amount from the rake edge. Continue up the rake in as many rows as necessary using the same formula as outlined above. Cut pieces may be used to complete courses at the right side. As you work across the roof, install full size shingles taking care to align the exposure notches. Shingle joints should be no closer than 4 in.



6. LOW SLOPE APPLICATION
On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of underlayment. Begin by applying the underlayment in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the laps of the entire underlayment to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. VALLEY APPLICATION
TAMKO recommends an open valley construction with Heritage Vintage AR shingles.

To begin, center a sheet of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment in the valley.

After the underlayment has been secured, install the recommended corrosion resistant metal (26 gauge galvanized metal or an equivalent) in the valley. Secure the valley metal to the roof deck. Overlaps should be 12" and cemented.

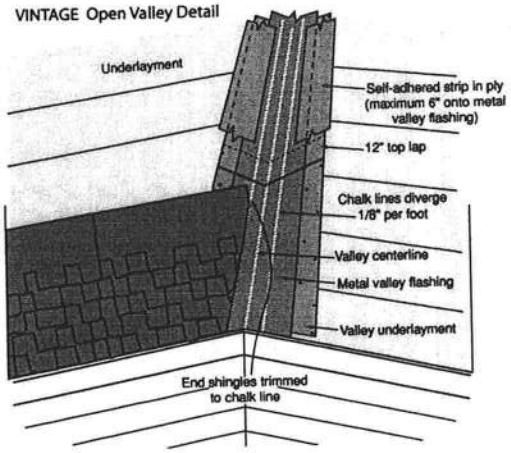
Following valley metal application; a 9" to 12" wide strip of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment should be applied along the edges of the metal valley flashing (max. 6" onto metal valley flashing) and on top of the valley underlayment. The valley will be completed with shingle application.

SHINGLE APPLICATION INSTRUCTIONS (OPEN VALLEY)
- Snap two chalk lines, one on each side of the valley centerline over the full length of the valley flashing. Locate the upper ends of the chalk lines 3" to either side of the valley centerline.
- The lower end should diverge from each other by 1/8" per foot. Thus, for an 8' long valley, the chalk lines should be 7" either side of the centerline at the eaves and for a 16' valley 8".

As shingles are applied toward the valley, trim the last shingle in each course to fit on the chalk line. Never use a shingle trimmed to less than 12" in length to finish a course running into a valley. If necessary, trim the adjacent shingle in the course to allow a longer portion to be used.

- Clip 1" from the upper corner of each shingle on a 45° angle to direct water into the valley and prevent it from penetrating between the courses.

- Form a tight seal by cementing the shingle to the valley lining with a 3" width of asphalt plastic cement (conforming to ASTM D 4586).



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

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.

(Continued)

TAMKO BUILDING PRODUCTS

(CONTINUED from Pg. 3)

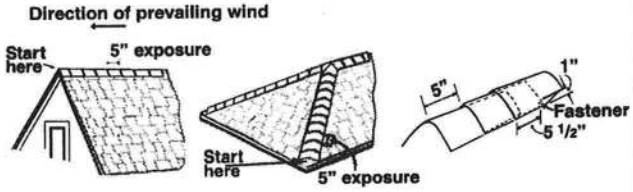
• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

8. 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 ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener on each side, 5-1/2 in. back from the exposed end and 1 in. up from the edge. TAMKO recommends the use of TAMKO Heritage Vintage Hip & Ridge shingle products.

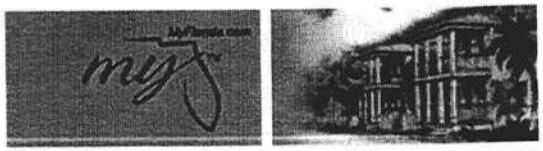
Fasteners should be 1/4 in. longer than the ones used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLE IN COLD WEATHER.



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

FLORIDA DEPARTMENT OF Community Affairs



Product Approval
USER: Public User

FL #	FL5108
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	

Product Manufacturer	MI Windows and Doors
Address/Phone/Email	650 W Market St Gratz, PA 17030 (717) 365-3300 ext 2101 surich@miwd.com
Authorized Signature	Steven Urich surich@miwd.com
Technical Representative Address/Phone/Email	
Quality Assurance Representative Address/Phone/Email	

(1) in door

A·L·I
(Validator / Operations Administrator)

AAMA
CERTIFICATION PROGRAM

AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc.
P.O. Box 370
Gratz, PA 17030-0370

Attn: Bill Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

1. The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION	RECORD OF PRODUCT TESTED				LABEL ORDER NO.
AAMA/NWWDA 101/I.S. 2-97 H-R55*-36x62					
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED		
			FRAME	SASH	
MI Windows & Doors, Inc. (Oldsmar, FL) MI Windows & Doors, Inc. (Smyrna, TN)	MTL-8 MTL-9	185/3185 SH (Fin) (AL)(O/X)(DG) (ASTM)	3'0" x 5'2"	2'10" x 2'7"	By Request

2. This Certification will expire May 14, 2008 and requires validation until then by continued listing in the current AAMA Certified Products Directory.

3. Product Tested and Reported by: Architectural Testing, Inc.

   Report No.: 01-50360.02

   Date of Report: June 14, 2004

NOTE: PLEASE REVIEW, AND ADVISE ALI IMMEDIATELY IF DATA, AS SHOWN, NEEDS CORRECTION.

Date: August 1, 2005

Validated for Certification:

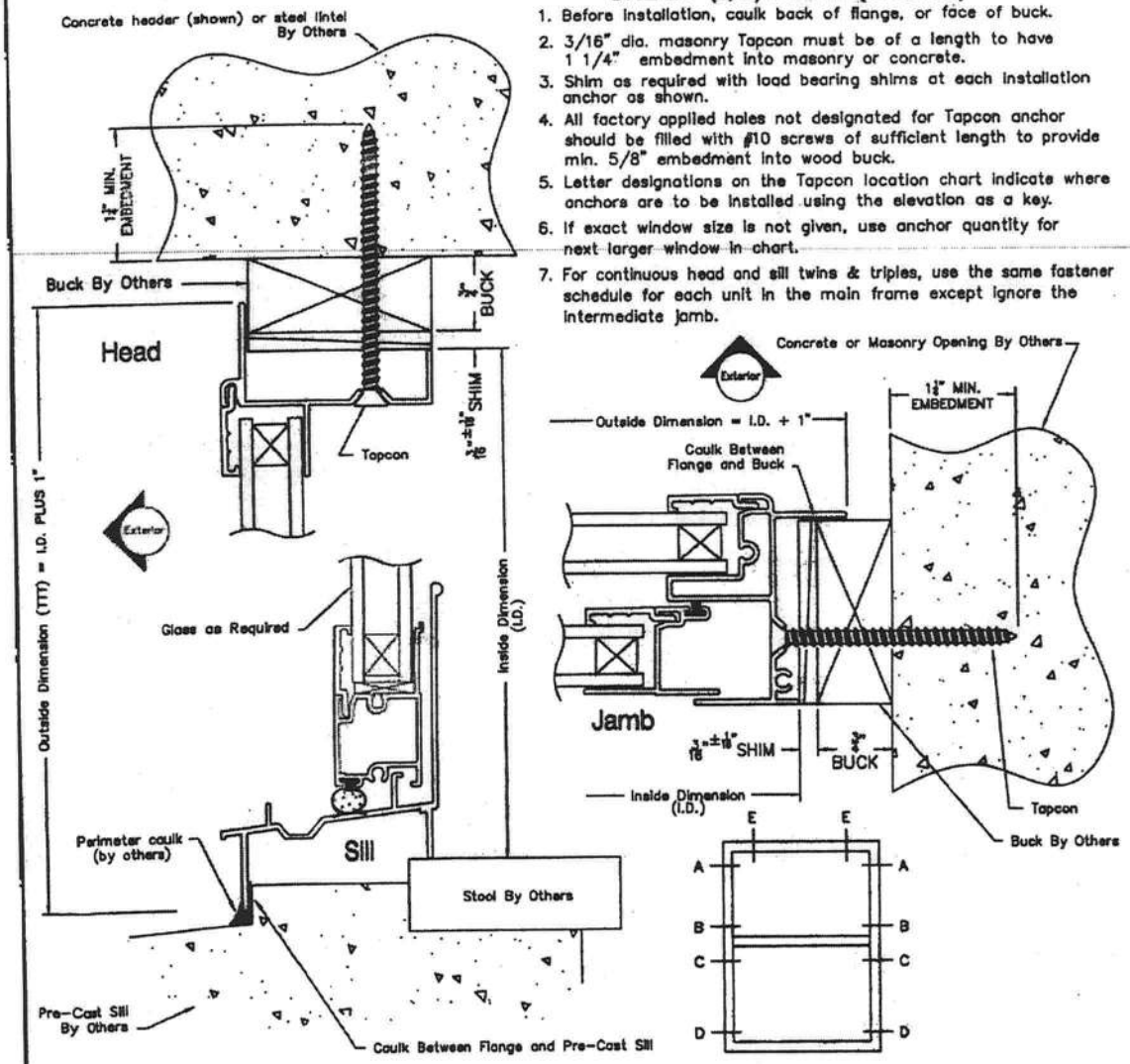
Associated Laboratories, Inc.

Authorized for Certification:

American Architectural Manufacturers Association

cc: AAMA
JGS/df
ACP-04 (Rev. 5/03)

"ONE BY" (3/4") BUCKS (SHOWN)



1. Before installation, caulk back of flange, or face of buck.
2. 3/16" dia. masonry Tapcon must be of a length to have 1 1/4" embedment into masonry or concrete.
3. Shim as required with load bearing shims at each installation anchor as shown.
4. All factory applied holes not designated for Tapcon anchor should be filled with #10 screws of sufficient length to provide min. 5/8" embedment into wood buck.
5. Letter designations on the Tapcon location chart indicate where anchors are to be installed using the elevation as a key.
6. If exact window size is not given, use anchor quantity for next larger window in chart.
7. For continuous head and sill twins & triples, use the same fastener schedule for each unit in the main frame except ignore the intermediate jamb.

"TWO BY" (1 1/2") BUCKS

"TWO BY" bucks are engineered and fastened to the masonry opening BY OTHERS.

Follow the same instructions and fastener requirements for "one by" bucks except use #10 screws of sufficient length for 1 1/4" minimum embedment into buck.

HOME PRODUCTS
BetterBilt / Capitol

* TAPCON LOCATION CHART

CODE SIZE	WINDOW ID SIZE	FASTENER LOCATIONS		
		UP TO DP35	DP35.1 TO DP55	DP55.1 TO DP69.3
12	18 1/8 x 25	A, D & E	A, D & E	A, D & E
13	18 1/8 x 37 3/8	A, D & E	A, D & E	A, D & E
14	18 1/8 x 49 5/8	A, D & E	A, D & E	A, D & E
15	18 1/8 x 62	A, D & E	A, D & E	A, D & E
16	18 1/8 x 71	A, D & E	A, D & E	A, D & E
17	18 1/8 x 83	A, D & E	A, D & E	A, D & E
1/2 32	25 1/2 x 25	A, D & E	A, D & E	A, D & E
1/2 33	25 1/2 x 37 3/8	A, D & E	A, D & E	A, D & E
1/2 34	25 1/2 x 49 5/8	A, D & E	A, D & E	A, D & E
1/2 35	25 1/2 x 62	A, D & E	A, D & E	A, D & E
1/2 36	25 1/2 x 71	A, D & E	A, D & E	A, D & E
1/2 37	25 1/2 x 83	A, D & E	A, D & E	A, C, D & E
22	36 x 25	A, D & E	A, D & E	A, D & E
23	36 x 37 3/8	A, D & E	A, D & E	A, D & E
24	36 x 49 5/8	A, D & E	A, D & E	A, D & E
25	36 x 62	A, D & E	A, D & E	A, D & E
26	36 x 71	A, D & E	A, D & E	A, C, D & E
27	36 x 83	A, D & E	A, C, D & E	A, C, D & E
32	52 1/8 x 25	A, D & E	A, D & E	A, D & E
33	52 1/8 x 37 3/8	A, D & E	A, D & E	A, D & E
34	52 1/8 x 49 5/8	A, D & E	A, D & E	A, D & E
35	52 1/8 x 62	A, D & E	A, C, D & E	A, C, D & E
36	52 1/8 x 71	A, D & E	A, C, D & E	A, B, C, D & E
37	52 1/8 x 83	A, D & E	A, C, D & E	A, B, C, D & E
2040	23 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
2050	23 3/8 x 59 5/8	A, D & E	A, D & E	A, D & E
2060	23 3/8 x 71 5/8	A, D & E	A, D & E	A, D & E
2070	23 3/8 x 83 5/8	A, D & E	A, D & E	A, D & E
3040	35 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
3050	35 3/8 x 59 5/8	A, D & E	A, D & E	A, D & E
3060	35 3/8 x 71 5/8	A, D & E	A, D & E	A, C, D & E
3070	35 3/8 x 83 5/8	A, D & E	A, C, D & E	A, C, D & E
4040	47 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
4050	47 3/8 x 59 5/8	A, D & E	A, D & E	A, C, D & E
4060	47 3/8 x 71 5/8	A, D & E	A, C, D & E	A, C, D & E
4070	47 3/8 x 83 5/8	A, D & E	A, C, D & E	A, B, C, D & E
4450	51 3/8 x 59 5/8	A, D & E	A, D & E	A, C, D & E
4460	51 3/8 x 71 5/8	A, D & E	A, C, D & E	A, B, C, D & E
4470	51 3/8 x 83 5/8	A, D & E	A, C, D & E	A, B, C, D & E

*"TAPCON" TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL, & SIMPSON

SYM	REVISION	DATE	BY
A	REMOVED SILL INSTALLATION ANCHOR SCREWS	7/16/04	BB

STATE OF FLORIDA
Ross Nielsen
P.E. No. 41320
Registered Professional Corporation
1150 Lee Wagner Ave., Suite 6
Winter Park, Florida 32789

MI HOME PRODUCTS
GRATZ, PA

TITLE: 185/3185 SINGLE HUNG FLANGE FRAME INSTALLATION DETAILS & FASTENER SCHEDULE

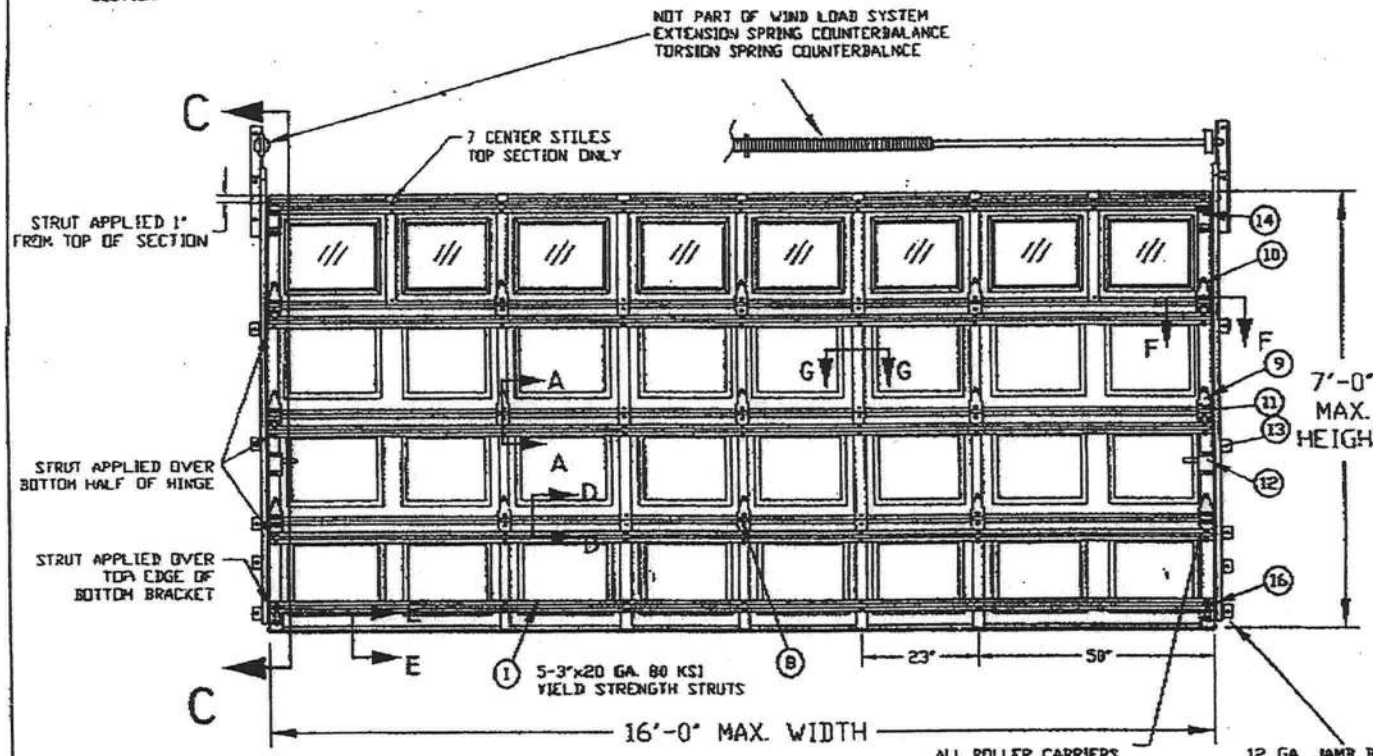
PREPARED BY: PTC Product Technology Corporation
Phone 407.822.6334 Fax 407.822.6335

DRAWN: DRL
DATE: 06/15/04
SCALE: N.T.S.
DWG. NO.: MIHP0059
REV. LETTER: A
SHEET: 1 OF 1

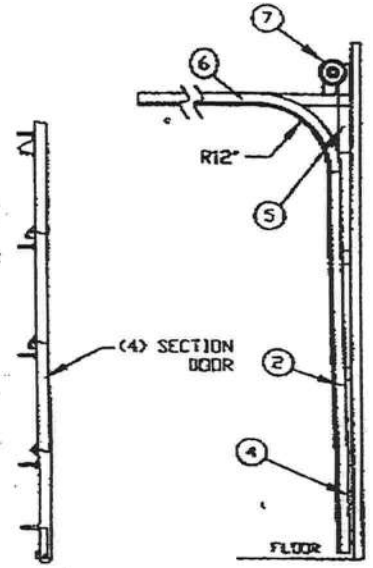
REV.	DATE	BY	DESCRIPTION
A-A	11-10-00	DW	SEE E.C.N. 831

NOTES:

1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 30 PSF TEST PRESSURES PER ASTM E-330
2. MAXIMUM SECTION HEIGHT= 21"
3. SECTION HEIGHTS OF 21.00" AND 19.50" ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS.
4. WINDOWS MAY BE INSTALLED IN THE TOP SECTION (AS TESTED WITH 1/8" DSB GLASS OR EQUIVALENT) OR IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
5. MINIMUM LENGTH OF ROLLER STEM IS 5½" (7" AS TESTED)
6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE DOOR SHOWN.
7. STRUTS SECURED AT ALL LOCATIONS WITH TEK SCREWS.
8. QUANTITY OF SIDE LOCKS CAN BE 0,1, OR 2 AS TESTED.
9. (A) DROP IN TYPE OF INSULATION IS OPTIONAL



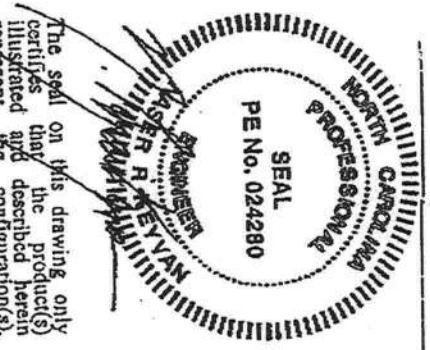
INSIDE ELEVATION



SEC C-C
VERTICAL TRACK, (16 GA.)

12 GA. JAMB BRACKETS, MAXIMUM SPACING = 19-1/2" WITH LOWEST BRACKET APPROX. 3" FROM FLOOR, 2ND BRACKET NEAR THE HORIZONTAL ℄ OF THE BOTTOM SECTION, AND 3RD BRACKET NEAR THE TOP OF THE BOTTOM SECTION

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



LISTED SBCCI PST & ESI
REPORT No. 2202

TEST REPORTS ON FILE: VIDEO 10/19/00 (00293)

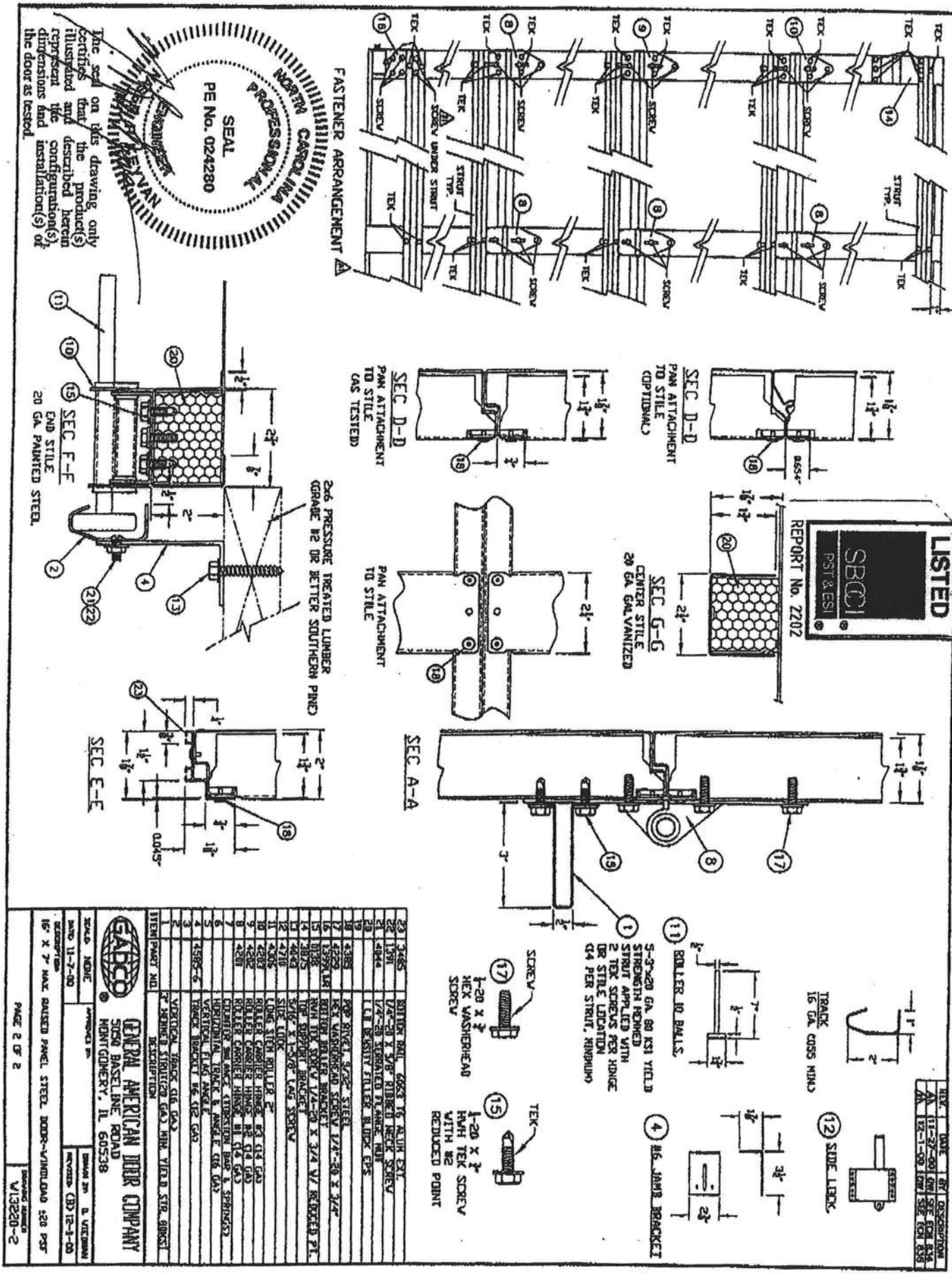
DESIGN LOAD +20.0 PSF & -20.0 PSF
TEST LOAD +30.0 PSF & -30.0 PSF

GADCO DOORS
SERIES 7400, EXTERIOR STEEL =.017 MIN (AS TESTED)
SERIES 7825, EXTERIOR STEEL =.019" MIN (A)
SERIES 7524, EXTERIOR STEEL =.024" MIN (A)
(TESTED WITH WINDOWS

MAXIMUM DOOR WIDTH	MAXIMUM DOOR HEIGHT	TYPICAL CTR. STILE SPACING	STRUTS 80 KSI SIZE	STRUTS 80 KSI QTY.	VERTICAL TRACK
16'	7'	23"	3"	5	2 IN.

GADCO
GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE: 1:25 | APPROVED BY: | DRAWN BY: D. WIEDMAN
DATE: 10-20-00 | REVISED: (A) 11-10-00
DESCRIPTION: 16' X 7' MAX. RAISED PANEL STEEL DOOR -WINDLOAD ±20 PSF
PART NUMBER: PAGE 1 OF 2 | DRAWING NUMBER: W13220-1



ITEM	PART NO	DESCRIPTION
23	3485	BOTTOM RAIL 6063 T6 ALUM EXT.
22	1391	1/4-20 X 5/8" RIBBED NECK SCREW
21	4044	1/4-20 SERRATED FLANGE NUT
20		LDR DENSITY FILLER BLOCK EPS
19	4385	PRP RIVET, 9/32" STEEL
18	4220	HEX WASHERHEAD SCREW 1/4"-20 x 3/4"
17	1999LR	BOTTOM ROLLER BRACKET
16	0138	RHW TEK SCREW 1/4-20 X 3/4 W/ REDUCED PT.
15	3875	TOP SUPPORT BRACKET
14	4043	5/16" X 1-3/8" LAG SCREW
13	4710	SIDE LOCK
12	4306	LONG STEM ROLLER 2"
11	4282	ROLLER CARRIER HINGE #3 (14 GA)
10	4282	ROLLER CARRIER HINGE #2 (14 GA)
9	4282	ROLLER CARRIER HINGE #1 (16 GA)
8	4201	COUNTER BALANCE (TORSION BAR & SPRINGS)
7		HORIZONTAL TRACK & ANGLE (16 GA)
6		VERTICAL FLAG ANGLE
5	4586-6	TRACK BRACKET #6 (12 GA)
4		
3		
2		2" INSULATED PANEL (24 GA) MIN. YIELD STR. 80KSI
1		VERTICAL TRACK (16 GA.)

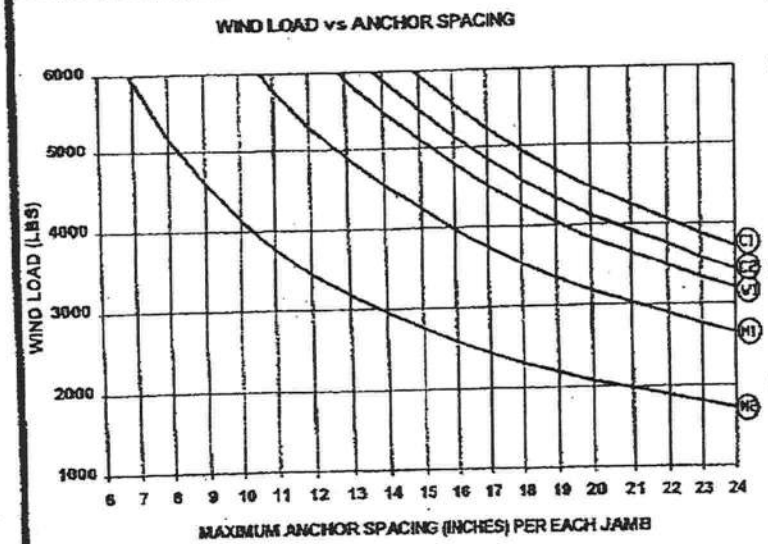
GADCO
GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE	NONE	APPROVED BY:	
DATE	11-7-00	DRAWN BY	R. VICTORIAN
DESCRIPTION		REVISED	(R) 12-1-00

16' X 7' MAX RAISED PANEL STEEL DOOR-WINDLOAD +20 PSF

PAGE 2 OF 2	DRAWING NUMBER V13220-2

NO.	DATE	BY	DESCRIPTION
A	11-27-00	DW	SEE ECN 836
A	12-1-00	DW	SEE ECN 836



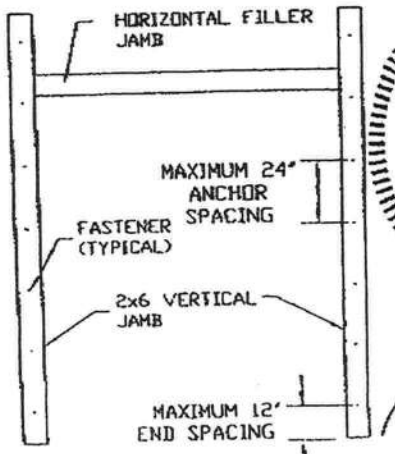
DESIGN LOAD (LBS) / FT² X GARAGE DOOR AREA(WIDTH-FT X HEIGHT-FT) = WIND LOAD(LBS)

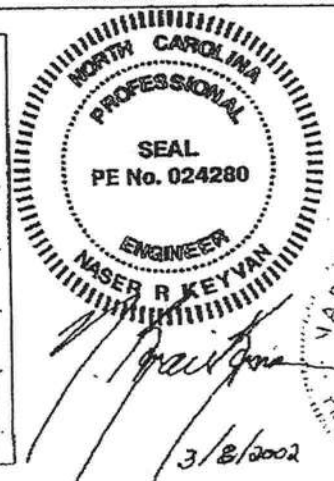
EXAMPLE

30 LBS / FT² X (16 FT WIDE X 8 FT HIGH) = 3840 LBS

- C1 USE 22" SPACING
- C2 USE 21" SPACING
- W1 USE 19" SPACING
- M1 USE 16" SPACING
- M2 USE 10" SPACING

SEE NOTE 11 FOR ADDITIONAL REQUIRED 2X6 WOOD JAMB ANCHORS





2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

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

NOTES:

1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.

2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION SSTD 10," CURRENT EDITION.

3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.

4) WOOD FRAME BUILDINGS: STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2X6 PRESSURE TREATED SOUTHERN PINE (#2 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.

5) REINFORCED CMU OR CONCRETE: 2X6 WOOD JAMB SHALL BE ANCHORED TO SOLIDLY 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 2150 PSI; GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI; REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 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 WALL STUDS.

9) WASHERS ARE REQUIRED ON ALL FASTENERS.

10) THE WIND LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.

11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2X6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

GADCO®

GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

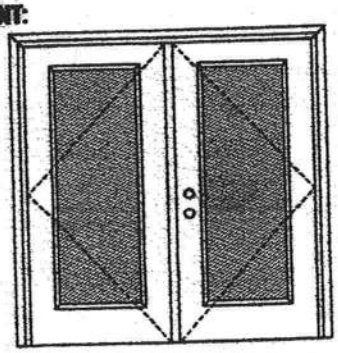
SCALE: NONE	APPROVED BY:	DRAWN BY: DV
DATE: 8-30-99		REVISED
DESCRIPTION: JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS		
	MASTER DRAWING NUMBER: A10560	DRAWING NUMBER

XX
Glazed Outswing Unit

COP-WL-JH4162-02

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-MA0012-02 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

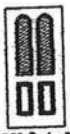

822 Series

1/2 GLASS:

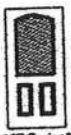

105 Series*


106, 160 Series*


129 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: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

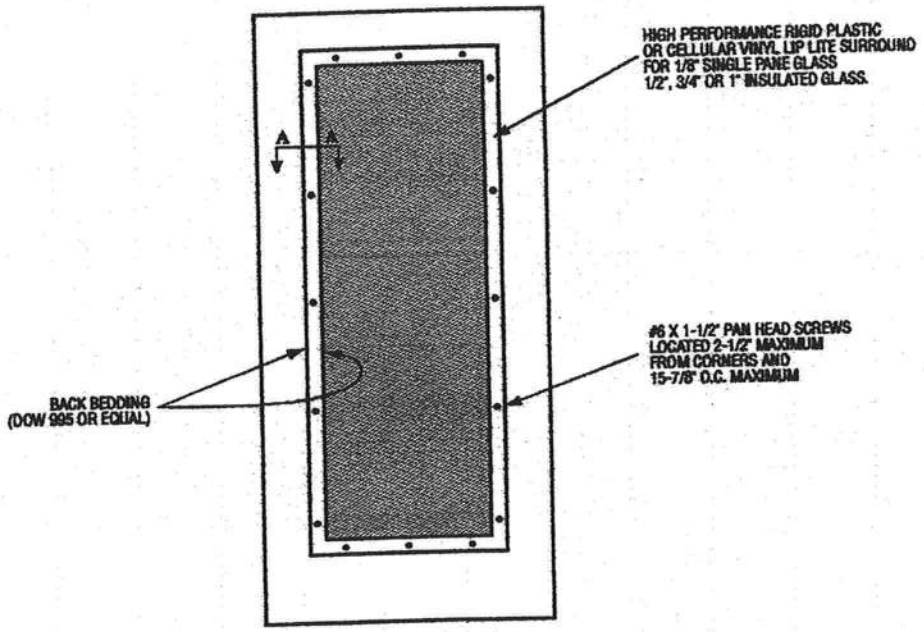
Johnson™ EntrySystems

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

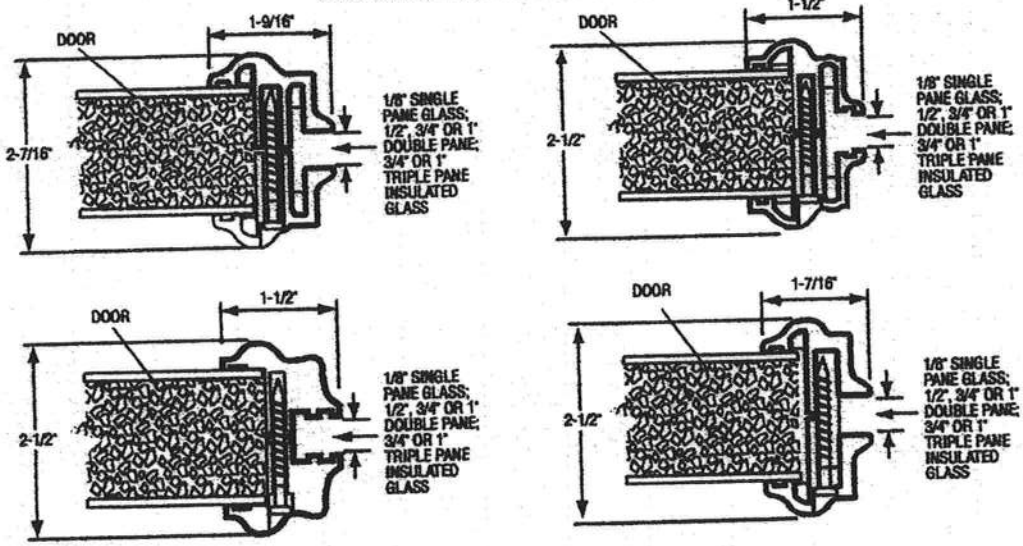
PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A
TYPICAL RIGID PLASTIC LIP LITE SURROUND



XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

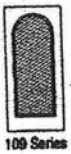
3/4 GLASS:

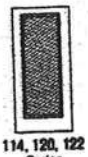

404 Series

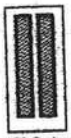

416 Series

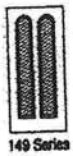

450 Series

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 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 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 bumper 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 Balthazor

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

Johnson EntrySystems

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

PREMDOR Collection Premium Quality Doors

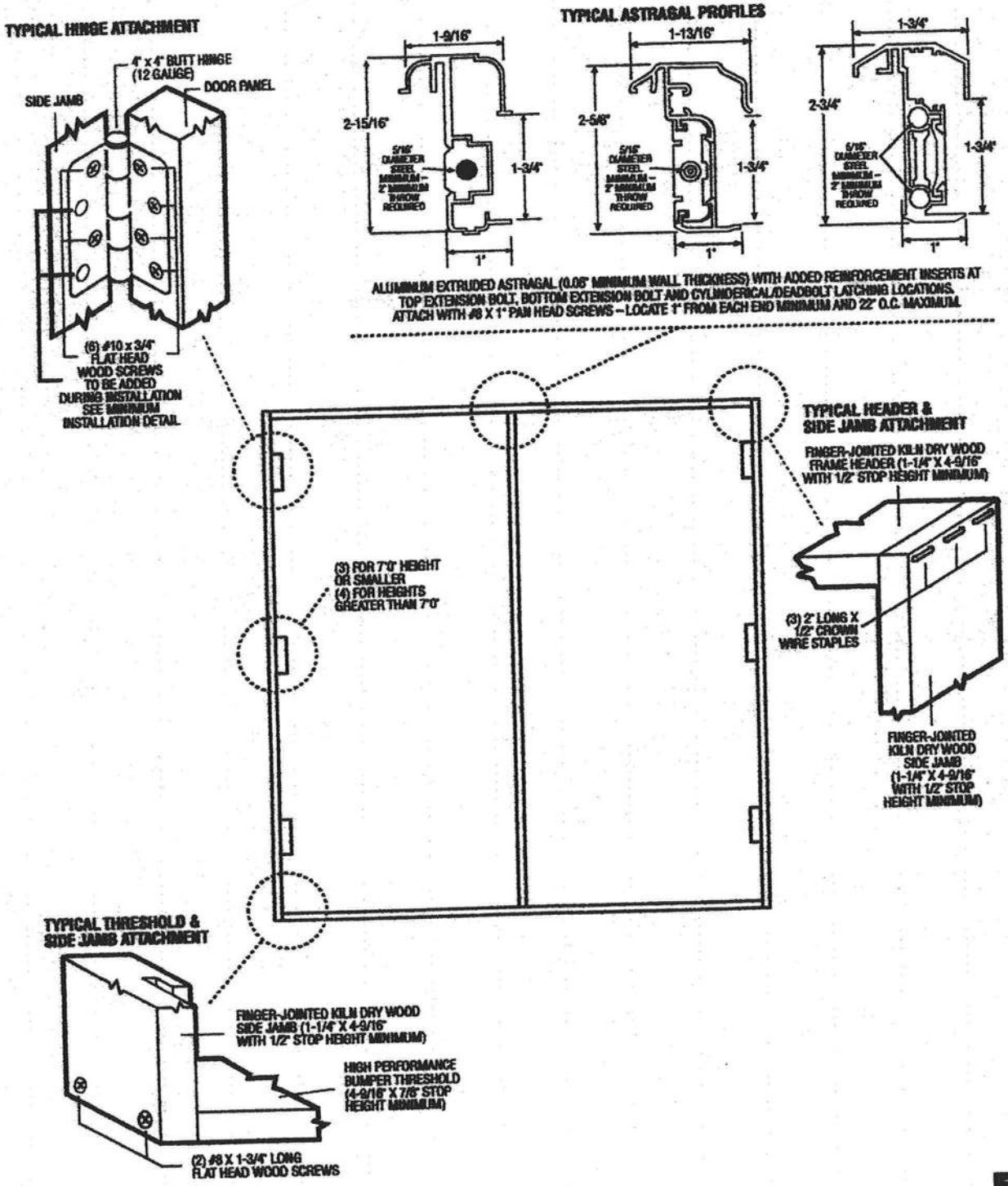
Exclusively from Masonite

Masonite International Corporation

XX
Unit

MAD-WL-MA0012-02

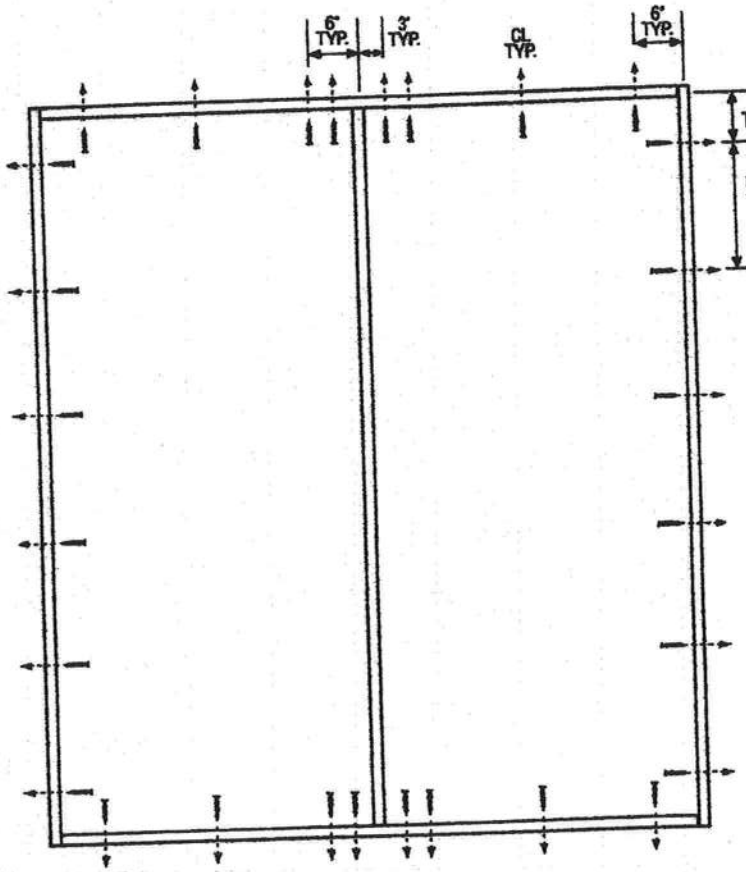
OUTSWING UNITS WITH DOUBLE DOOR



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 achievement 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.

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

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

Residential System Sizing Calculation

Summary

Spec House

, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

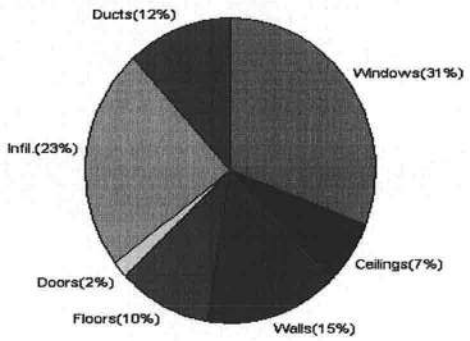
1/7/2008

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	**27391**	**Btuh**	**Total cooling load calculation**	**45312**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	124.1	34000	Sensible (SHR = 0.75)	66.1	25500
Heat Pump + Auxiliary(0.0kW)	124.1	34000	Latent	126.5	8500
			Total (Electric Heat Pump)	75.0	34000

WINTER CALCULATIONS

Winter Heating Load (for 1488 sqft)

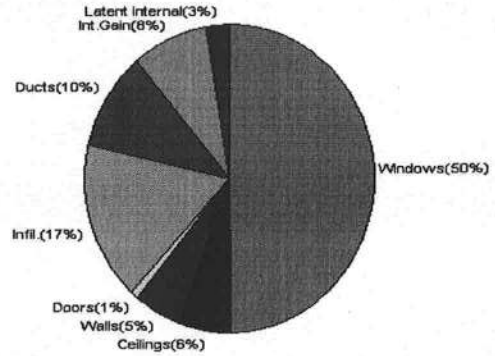
Load component			Load	
Window total	264	sqft	8498	Btuh
Wall total	1235	sqft	4056	Btuh
Door total	38	sqft	492	Btuh
Ceiling total	1600	sqft	1885	Btuh
Floor total	174	sqft	2846	Btuh
Infiltration	159	cfm	6429	Btuh
Duct loss			3185	Btuh
Subtotal			**27391**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**27391**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1488 sqft)

Load component			Load	
Window total	264	sqft	22484	Btuh
Wall total	1235	sqft	2453	Btuh
Door total	38	sqft	372	Btuh
Ceiling total	1600	sqft	2650	Btuh
Floor total			0	Btuh
Infiltration	139	cfm	2585	Btuh
Internal gain			3780	Btuh
Duct gain			4272	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**38595**	**Btuh**
Latent gain(ducts)			442	Btuh
Latent gain(infiltration)			5075	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**6717**	**Btuh**
TOTAL HEAT GAIN			**45312**	**Btuh**



Powered by ACCA MANUAL J

Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 1-7-08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House
, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

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

1/7/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
2	2, Clear, Metal, 0.87	W	84.0	32.2	2704 Btuh
3	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	N	4.0	32.2	129 Btuh
5	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
6	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
7	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
8	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
	Window Total		264(sqft)		8498 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1021	3.3	3353 Btuh
2	Frame - Wood - Adj(0.09)	13.0	214	3.3	703 Btuh
	Wall Total		1235		4056 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		18	12.9	233 Btuh
	Door Total		38		492Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1600	1.2	1885 Btuh
	Ceiling Total		1600		1885Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	174.0 ft(p)	16.4	2846 Btuh
	Floor Total		174		2846 Btuh
			Envelope Subtotal:		17777 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.80	11904	1235	158.7	6429 Btuh
Ductload				(DLM of 0.132)	3185 Btuh
All Zones			**Sensible Subtotal All Zones**		**27391 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

1/7/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	27391 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	27391 Btuh

EQUIPMENT

1. Electric Heat Pump	#	34000 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)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House
, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

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

1/7/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
2	2, Clear, Metal, 0.87	W	84.0	32.2	2704 Btuh
3	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	N	4.0	32.2	129 Btuh
5	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
6	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
7	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
8	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
	Window Total		264(sqft)		8498 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1021	3.3	3353 Btuh
2	Frame - Wood - Adj(0.09)	13.0	214	3.3	703 Btuh
	Wall Total		1235		4056 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		18	12.9	233 Btuh
	Door Total		38		492Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1600	1.2	1885 Btuh
	Ceiling Total		1600		1885Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	174.0 ft(p)	16.4	2846 Btuh
	Floor Total		174		2846 Btuh
			Zone Envelope Subtotal:		17777 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	11904	1235 158.7	6429 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DLM of 0.132)	3185 Btuh
Zone #1			**Sensible Zone Subtotal**		**27391 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

1/7/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	27391 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	27391 Btuh

EQUIPMENT

1. Electric Heat Pump	#	34000 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)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House
, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/7/2008

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	29	80	4771 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	84.0	0.0	84.0	29	80	6679 Btuh
3	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	20.0	0.0	20.0	29	80	1590 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	4.0	0.0	4.0	29	29	116 Btuh
5	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385 Btuh
6	2, Clear, 0.87, None,N,N	E	6.5ft	9ft.	30.0	8.4	21.6	29	80	1962 Btuh
7	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	16.0	16.0	0.0	29	34	463 Btuh
8	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	20.0	20.0	0.0	29	34	579 Btuh
	Excursion									3937 Btuh
	Window Total				264 (sqft)					22484 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1021.0	2.1	2130 Btuh
2	Frame - Wood - Adj	13.0/0.09	214.0	1.5	323 Btuh
	Wall Total		1235 (sqft)		2453 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	18.0	9.8	176 Btuh
	Door Total	38 (sqft)		372 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1600.0	1.7	2650 Btuh
	Ceiling Total		1600 (sqft)		2650 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	174 (ft(p))	0.0	0 Btuh
	Floor Total		174.0 (sqft)		0 Btuh

			Envelope Subtotal:		27958 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	11904	1235	158.7	2585 Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load
		6	X	230	+	2400	3780 Btuh

	Sensible Envelope Load:		34323 Btuh
Duct load		(DGM of 0.124)	4272 Btuh
	Sensible Load All Zones		**38595 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

1/7/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**34323 Btuh**
	Sensible Duct Load	4272 Btuh
	Total Sensible Zone Loads	**38595 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**38595 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	5075 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	442 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6717 Btuh**
	TOTAL GAIN	**45312 Btuh**

EQUIPMENT

1. Central Unit	#	34000 Btuh

*Key: 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))
(Ornt - compass orientation)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House
, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/7/2008

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	29	80	4771 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	84.0	0.0	84.0	29	80	6679 Btuh
3	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	20.0	0.0	20.0	29	80	1590 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	4.0	0.0	4.0	29	29	116 Btuh
5	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385 Btuh
6	2, Clear, 0.87, None,N,N	E	6.5ft	9ft.	30.0	8.4	21.6	29	80	1962 Btuh
7	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	16.0	16.0	0.0	29	34	463 Btuh
8	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	20.0	20.0	0.0	29	34	579 Btuh
	Window Total				264 (sqft)					18547 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1021.0	2.1	2130 Btuh
2	Frame - Wood - Adj	13.0/0.09	214.0	1.5	323 Btuh
	Wall Total		1235 (sqft)		2453 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	18.0	9.8	176 Btuh
	Door Total	38 (sqft)		372 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1600.0	1.7	2650 Btuh
	Ceiling Total		1600 (sqft)		2650 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	174 (ft(p))	0.0	0 Btuh
	Floor Total		174.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		24022 Btuh
Infiltration	Type	ACH	Volume(cuft) wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	11904 1235	138.9	2585 Btuh
Internal gain		Occupants	Btuh/occupant	Appliance	Load
		6	X 230 +	2400	3780 Btuh
			Sensible Envelope Load:		30386 Btuh
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.124)	3782 Btuh
			Sensible Zone Load		**34168 Btuh**

The following window Excursion will be assigned to the system loads.

Windows	July excursion for System 1		3937 Btuh
		Excursion Subtotal:	3937 Btuh
Duct load			490 Btuh
		Sensible Excursion Load	**4427 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House
, FL 32025-

Project Title:
Skyline Homes - 1488 Model

Code Only
Professional Version
Climate: North

1/7/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**34323 Btuh**
	Sensible Duct Load	4272 Btuh
	Total Sensible Zone Loads	**38595 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**38595 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	5075 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	442 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6717 Btuh**
	TOTAL GAIN	**45312 Btuh**

EQUIPMENT

1. Central Unit	#	34000 Btuh

*Key: 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))
(Ornt - compass orientation)

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Spec House

, FL 32025-

Project Title:
Skyline Homes - 1488 Model

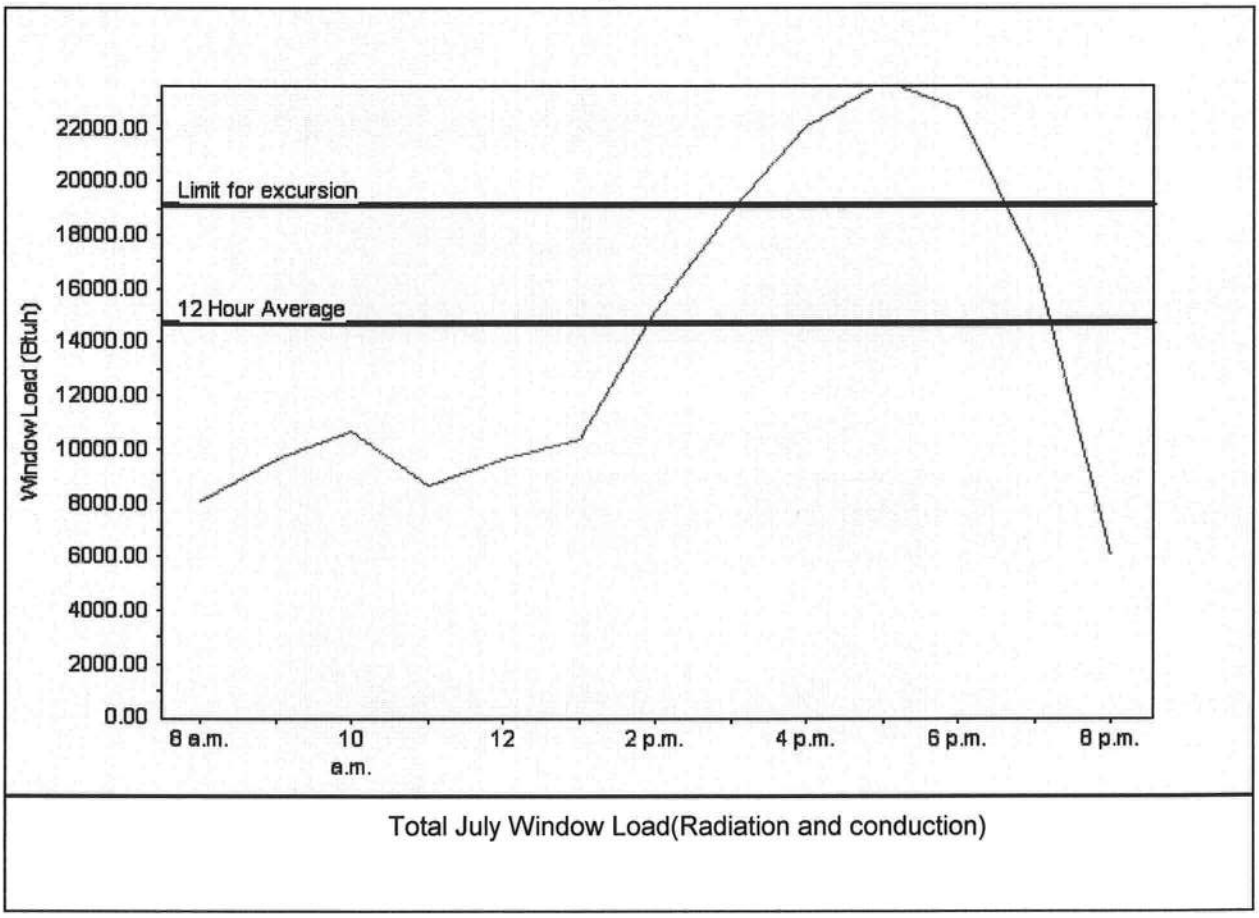
Code Only
Professional Version
Climate: North

1/7/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	14683 Btu
Summer setpoint	75 F	Peak window load for July	23676 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	19088 Btu
Latitude	29 North	Window excursion (July)	4588 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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: _____

New Construction Subterranean Termite Soil Treatment Record

26178

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.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB109476 Company Phone No. 386-755-3911 • 352-494-5781
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) 157 S.W. Logan Av. Lake City FL

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) 3-13-04
Brand Name of Product(s) Used Biflex
EPA Registration No. 53643-164
Approximate Final Mix Solution % .06
Approximate Size of Treatment Area: Sq. ft. 2045 Linear ft. Linear ft. of Masonry Voids
Approximate Total Gallons of Solution Applied 210
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List)

Comments

Name of Applicator(s) Steve Brannon Certification No. (if required by State law) JF104378

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 S Brannon Date 3-13-04

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)

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 16-4S-16-03036-003 **Building permit No.** 000026778

Use Classification SFD,UTILITY **Fire:** 12.84

Permit Holder JOEL PHINNEY **Waste:** 33.50

Owner of Building SKYLINE HOMES **Total:** 46.34

Location: 157 SW LEGION DR, LAKE CITY, FL 32024

Date: 08/28/2008

Wayne A. Rust

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)