DATE 04/10/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026917

APPLICANT GLENWOOD KING PHONE 397.4708

ADDRESS 139 SW DUNN WAY LAKE CITY FL 32024

OWNER CLINT R.PITTMAN PHONE 386.623.0415

ADDRESS 4143 SW WATSON ROAD FT.WHITE FL 32038

CONTRACTOR GLENWOOD KING PHONE 386.397.4708

LOCATION OF PROPERTY 47-S TO COL. CITY TO WATSON RD,TR FOLLOW TO END @ DREW FEAGLE, DRIVEWAY TO R CURVE @ WATSON & DREW FEAGLE

TYPE DEVELOPMENT SF/UTILITY ESTIMATED COST OF CONSTRUCTION 160250.00

HEATED FLOOR AREA 2282.00 TOTAL AREA 3205.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 1 FLOOD ZONE XPSP DEVELOPMENT PERMIT NO.

PARCEL ID 30-5S-16-03738-023 SUBDIVISION JR DICKS TRACT

LOT 23 BLOCK PHASE UNIT TOTAL ACRES 10.15

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC059726	Glenwood King

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	08-0283	BLK	JTH	N

COMMENTS: 1 FOOT ABOVE EASEMENT.EXISTING M/H TO BE REMOVED WITHIN 45 DAYS OF CO BEING ISSUED.

Check # or Cash 7770

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 $ 805.00 CERTIFICATION FEE $ 16.02 SURCHARGE FEE $ 16.02

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 912.04

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

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.

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
343 NW COLE TERRACE
SUITE 101
LAKE CITY, FLORIDA 32055

Parcel I.D. #: ***08467-022 & 03738-023***

Inst:200812006533 Date:4/2/2008 Time:2:56 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1147 P:462

SPACE ABOVE THIS LINE FOR PROCESSING DATA

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

4143 SW WATSON ROAD, FT. WHITE,FL 32038 AND 124 SW MILLENIUM, CT., LAKE CITY, FL 32055
PARCEL 1

COMMENCE AT THE NW CORNER, LOT 17, CENTURY ESTATES, AS RECORDED IN PLAT BOOK 4, PAGE 90, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, SAID POINT BEING THE POINT OF BEGINNING; THENCE RUN N 88°58'28" E ALONG THE SOUTH RIGHT-OF-WAY OF CENTURY AVENUE, 125.00 FEET; THENCE S 0°53'23" E, 174.25 FEET; THENCE S 88°58'28" W, 125.00 FEET TO THE WEST LINE OF LOT 17; THENCE N 0°53'23" W ALONG SAID WEST LINE, 174.25 FEET TO THE POINT OF BEGINNING.

PARCEL 2
LOT 23, JR. DICKS PROPERTY
TOWNSHIP 5 SOUTH, RANGE 16 EAST
SECTION 30: SE ¼ OF SE ¼ OF NE ¼.

SUBJECT TO A PERPETUAL NON-EXCLUSIVE INGRESS-EGRESS EASEMENT OVER AND ACROSS THE WEST 30 FEET OF THE FOREGOING DESCRIBED LANDS.

TOGETHER WITH A PERPETUAL NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE FOLLOWING DESCRIBED PROPERTY:
TOWNSHIP 5 SOUTH, RANGE 16 EAST

SECTION 30: THE NORTH 30 FEET OF THE SE ¼ OF NE ¼ OF SE ¼; THE NORTH 30 FEET OF THE EAST 30 FEET OF THE SW ¼ OF NE ¼ OF SE ¼; THE WEST 30 FEET OF THE NE ¼ OF NE ¼ OF SE ¼; THE EAST 30 FEET OF THE NW ¼ OF NE ¼ OF SE ¼; AND THE SOUTH 30 FEET OF THE NE ¼ OF NE ¼ OF SE ¼.

2. General description of improvement: **construction of single family dwelling**

3. Owner information:
   a. Name and address:
      ANN SMITHEY, AS TRUSTEE AND C. ANN SMITHEY, INDIVIDUALLY and CLINT R. PITTMAN
      4009 SW WATSON ROAD, FORT WHITE, FLORIDA 32038
   b. Interest in property: **Fee Simple**
   c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)
   GLENWOOD KING CONSTRUCTION, INC.
   139 SW DUNN WAY, LAKE CITY, FLORIDA 32024
   Telephone Number: **(386) 755-6030**

5. Surety (if any):
   a. Name and Address:
      Telephone Number: _____
   b. Amount of Bond $_____

#26917

Lender: (Name and Address)
PEOPLES STATE BANK
350 SW MAIN BLVD., LAKE CITY FL 32025
Telephone Number: **386-754-0002**

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: (Name and Address)
N/A

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
PEOPLES STATE BANK
350 SW MAIN BLVD., LAKE CITY FL 32025
Telephone Number: **386-754-0002**

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____.

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR 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 AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Signature of Owner(s) or Owner's Authorized Officer/Director/Partner/Manager:

_____{SEAL}
ANN SMITHEY, AS TRUSTEE

_____{SEAL}
CLINT R. PITTMAN

_____
C. ANN SMITHEY, INDIVIDUALLY

The foregoing instrument was acknowledged before me this **1st** day of **April, 2008**, by **ANN SMITHEY, AS TRUSTEE AND C. ANN SMITHEY, INDIVIDUALLY and CLINT R. PITTMAN**, who are personally known to me or who have produced Dr. License as identification.

_____
Notary Public
My Commission Expires: Martha Bryan

MARTHA BRYAN
Commission DD 675924
Expires August 10, 2011
Bonded Thru Troy Fain-Insurance

Columbia County Building Permit Application

For Office Use Only Application # 0804-10 Date Received 4/4/08 By G Permit # 26917

Zoning Official BLK Date 4.04.08 Flood Zone X Site plan Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE 1 ft above easement River N/A Plans Examiner OK JTH Date 4-7-08

Comments Existing MH to be removed within 45 days of C.O. being issued

☐ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS Fire Corr Road/Code

Existing MH School = TOTAL Exemption form in file

Septic Permit No. 08-0283 Glenwood King Fax 386 719-7544

Name Authorized Person Signing Permit ~~Clint R Pittman~~ 139 SW Dunn Way, L.C. FL 32024 Phone ~~386-623-0415~~ 397-4708

Address ~~4143 SW. Watson Rd Ft. White FL 32038~~

Owners Name Clint R. Pittman / Ann Smithey Phone 386 623-0415

911 Address 4143 SW. Watson Rd Ft. White FL 32038

Contractors Name Glenwood King Phone 397-4708

Address 139 SW Dunn Way, Lake City, FL 32024

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Tim Delbene 192 SW Sagewood L.C. FL 32024 Mark Disosway P.E. PO Box 868 L.C. FL 32056

Mortgage Lenders Name & Address Peoples Bank

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

Property ID Number 30-5S-16-03738-023 HX Estimated Cost of Construction $275,000.00

Subdivision Name J.R. Dicks Tract Lot 23 Block Unit Phase

Driving Directions HWY 47 South 3 miles south of Columbia City Rt on Watson Rd follow to end at Drew Feagle Driveway to Rt in curve at Watson and Drew Feagle 4143 Posted on Post Number of Existing Dwellings on Property 0 1

Construction of House SFD Total Acreage 10.15 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive) Total Building Height

Actual Distance of Structure from Property Lines - Front ~~150~~ Side ~~180~~ Side ~~400+~~ Rear ~~400+~~

Number of Stories 1 Heated Floor Area 2282 SF Total Floor Area 3205 SF Roof Pitch 6 12

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

Page 1 of 2 (Both Pages must be submitted together.) – JW called Glenwood – 4.10.08 Revised 1-10-08

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

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.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN 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.

OWNERS CERTIFICATION: 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.

Owners Signature

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.

Glenwood Kemp
Contractor's Signature (Permitee)

Contractor's License Number CBC059726
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 4th **day of** April **20**08.

Personally known ✓ **or Produced Identification** _____

Gale Tedder
State of Florida Notary Signature (For the Contractor)

SEAL:

GALE TEDDER
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

08-04-10

OWNER IMPACT FEE OCCUPANCY AFFIDAVIT

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME, the undersigned authority, personally appeared Clint R. Pittman ("Owner"), who, after being duly sworn, deposes and says:

1. Except as otherwise stated herein, Affiant has personal knowledge of the facts and matters set forth in this affidavit.

2. Affiant is the owner of the following described real property located in Columbia County, Florida, (herein "the property"):

(a) Parcel No.: 30-55-16-03778-023
(b) Legal description (may be attached): _____

3. Affiant has or will apply to the Columbia County Building Department for a building permit for the replacement of a building or dwelling unit on the property where no additional square footage or dwelling units will be created and will be located on the same property.

4. Either based upon Affiant's personal knowledge or the attached signed written statement of another person, a certificate of occupancy has been issued for the replacement building or dwelling on the property within seven (7) years of the date the previous building or dwelling unit was previously occupied. The building or dwelling unit was last occupied on 2-08.

5. This affidavit is given for the purpose of obtaining an exemption pursuant to Article VIII, Section 8.01, Columbia County Comprehensive Impact Fee Ordinance No. 2007-40, adopted October 18, 2007, as may be amended.

Further Affiant sayeth naught.

Print: Clint R Pittman

Address: 4143 SW Watson Rd
Ft White FL 32038

SWORN TO AND SUBSCRIBED before me this 8 day of April, 2008, by Clint Pittman who is personally known to me or who has produced _____ as identification.

Notary Public, State of Florida

(NOTARIES SEAL)

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

My Commission Expires: June 28, 2008

WARRANTY DEED
INDIVID. TO INDIVID

This Warranty Deed *Made the* 15th *day of* November *A. D* 1997 *by*
SUBRANDY LIMITED PARTNERSHIP

OR 0854 PG 0636

hereinafter called the grantor, to CLINT R. PITTMAN

OFFICIAL RECORDS

whose postoffice address is RT. 4, BOX 4280, Fort White, FL 32038
hereinafter called the grantee:
(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth: *That the grantor, for and in consideration of the sum of* $ 10.00 *and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in* Columbia *County, Florida, viz:* Lot 23, Jr. Dicks Property

TOWNSHIP 5 SOUTH, RANGE 16 EAST
Section 30: SE¼ of SE¼ of NE¼, containing 10.00 acres more or less.

Grantor reserves a perpetual non-exclusive ingress-egress easement over and across the West 30 feet of the foregoing described lands. Grantee will not place anything whatsoever within said Easement that would in any way impede, delay, stop, or interfere with ingress-egress traffic over and across said easement by either the seller or any successor in title of the Grantor.

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY

98-03116

1998 MAR -2 PM 12:01

COLUMBIA COUNTY, FLORIDA
BY YMK

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

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

And *the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31,* 1997.

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

Signed, sealed and delivered in our presence:

Witness Eva E. Timmons

Witness Andrew J. Dicks

SUBRANDY LIMITED PARTNERSHIP

BRADLEY N. DICKS

STATE OF Florida
COUNTY OF Columbia

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared BRADLEY N. DICKS, General Partner

/personally known to me to be the person described in and who executed the foregoing instrument and he acknowledged before me that he executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 15th day of November, A. D. 1997

NOTARY PUBLIC

Eva E. Timmons

My Commission Expires _____, 19____

SPACE BELOW FOR RECORDERS USE

Documentary Stamps $133.00
Intangible Tax $ -0-
Clerk of Court
By YMK D.C.

OFFICIAL NOTARY SEAL
EVA E TIMMONS
NOTARY PUBLIC STATE OF FLORIDA
COMMISSION NO. CC662893
MY COMMISSION EXP. AUG. 2,2001

This instrument prepared by: Lenvil H. Dicks

Address: U. S. 90 West, Lake City, Florida 32055

Rapid Print Printing Co

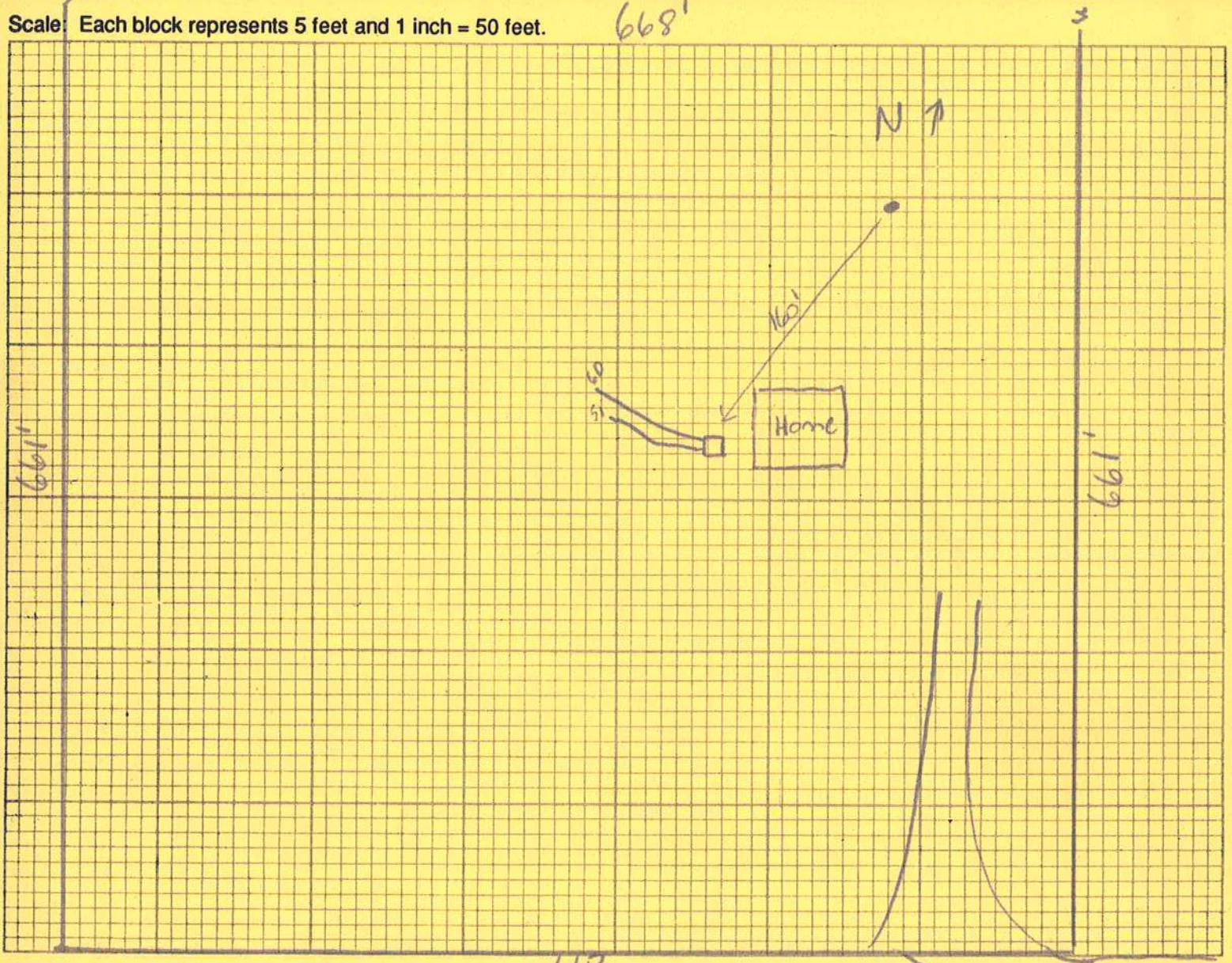
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0283

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



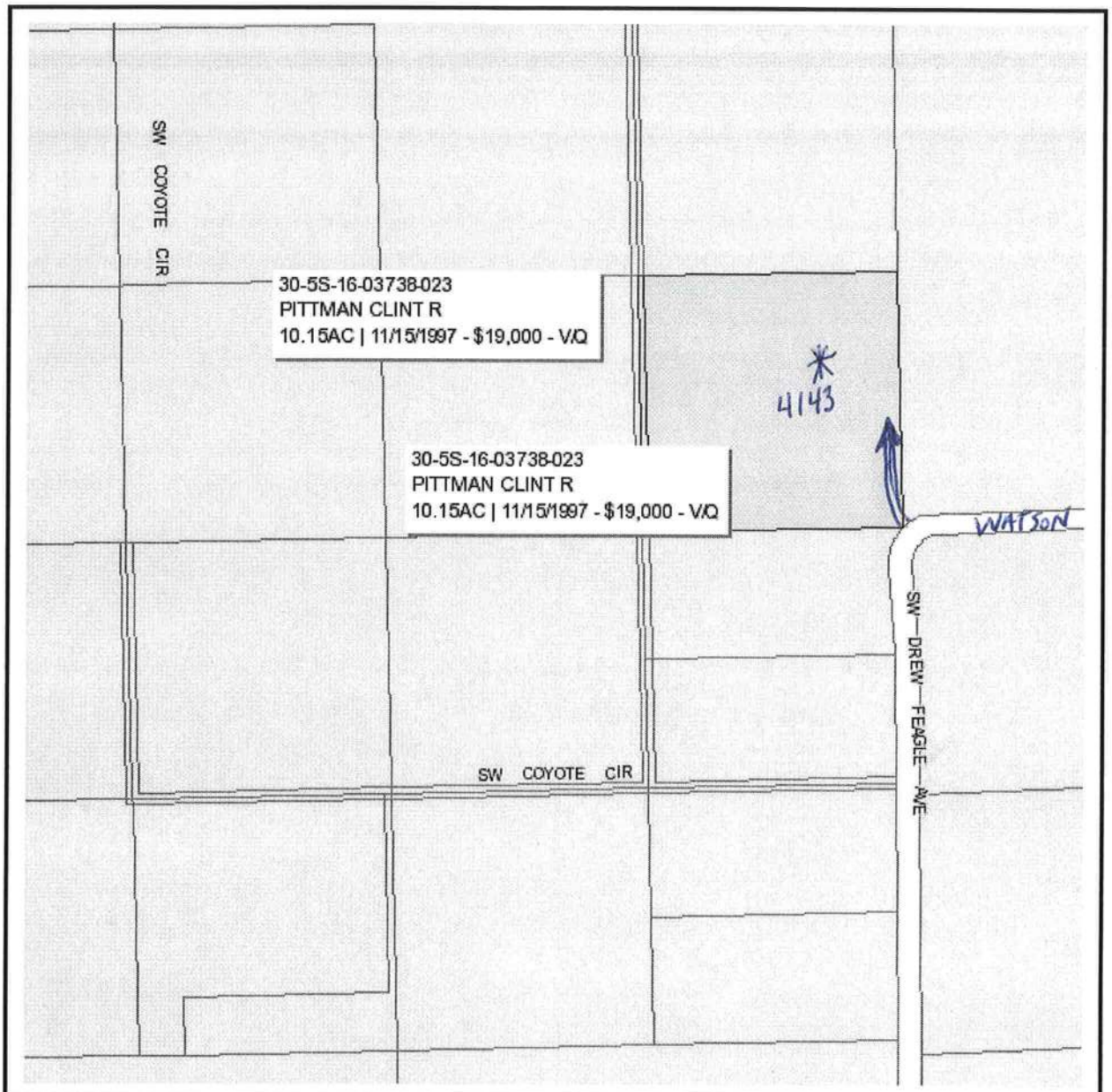
Notes: _____

Site Plan submitted by: _____ _____
Signature Title

Plan Approved ✓ Not Approved _____ Date 4/24/08

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

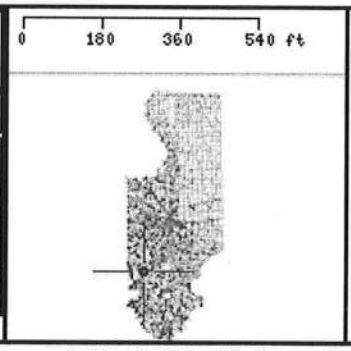


Columbia County Property Appraiser

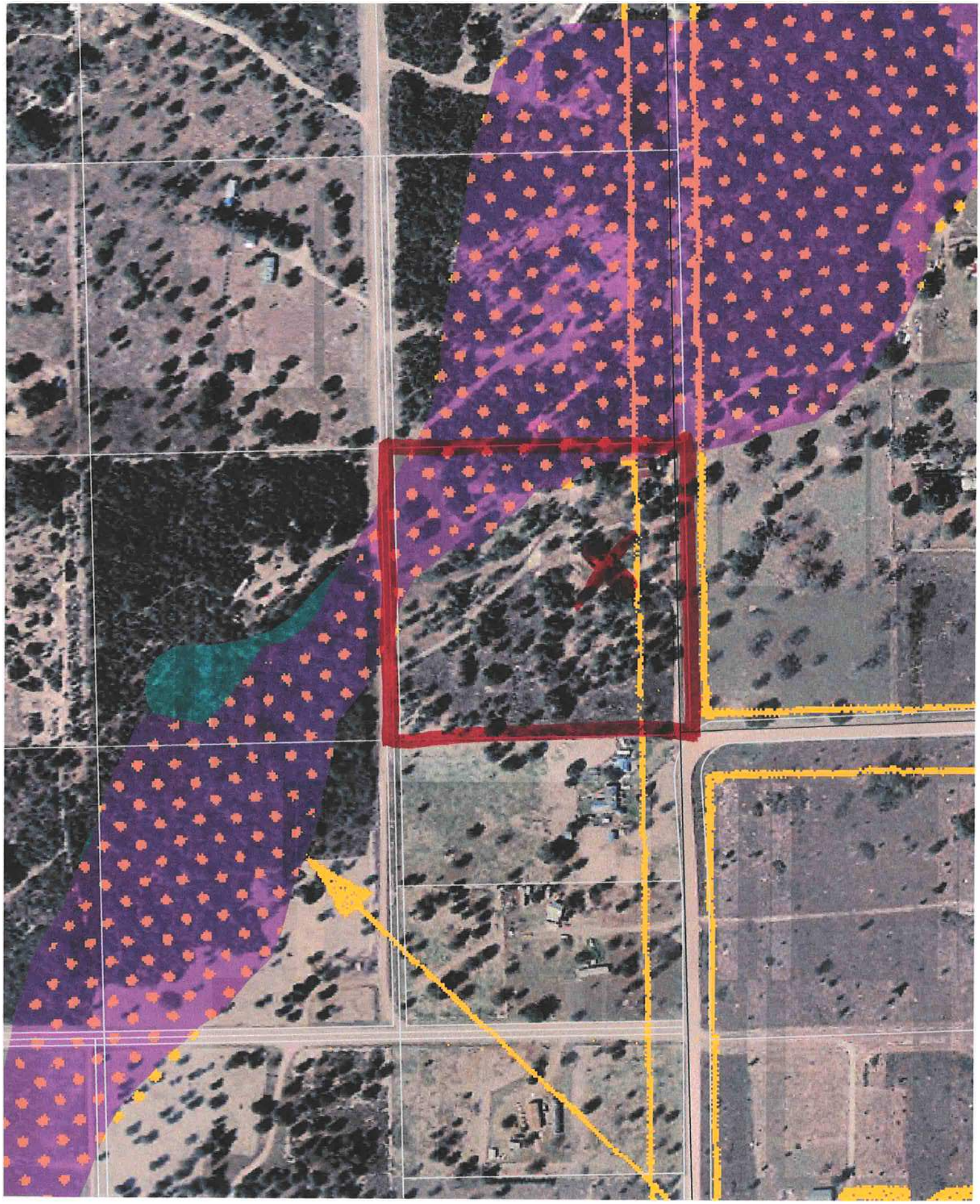
J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 30-5S-16-03738-023 HX - IMPROVED A (005000)

Name:	PITTMAN CLINT R	LandVal	$15,573.00
Site:	WATSON	BldgVal	$9,633.00
Mail:	4009 SW WATSON RD FT WHITE, FL 32038	ApprVal	$32,033.00
		JustVal	$99,011.00
Sales Info	11/15/1997 $19,000.00V / Q	Assd	$22,557.00
		Exmpt	$22,557.00
		Taxable	$0.00



This information, GIS Map Updated: 3/10/2008, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



0804-10

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Pittman Residence**	Builder:	**Glenwood King**
Address:	**Lot: 23, Sub: Jr Dicks Tract, Plat: unrecorded**	Permitting Office:	**Columbia Co**
City, State:	**Lake City, FL 32055-**	Permit Number:	26917
Owner:	**Clint Pittman**	Jurisdiction Number:	~~121000~~ 221000
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		2	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		2282 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	188.0 ft²	
b. Default tint	0.0 ft²	0.0 ft²	
c. Labeled U or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 218.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1493.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 2282.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 5.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 35.0 kBtu/hr	
	SEER: 14.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 35.0 kBtu/hr	
	HSPF: 7.90	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 30.0 gallons	
	EF: 0.90	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	

Glass/Floor Area: 0.08

Total as-built points: 19956

Total base points: 28976

PASS

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

PREPARED BY: Tim Delbene

DATE: 2/27/08

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: Jr Dicks Tract, Plat: unrecorded, Lake City, FL, 32055** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2282.0	20.04	8231.6	Double, Clear	E	2.0	7.0	60.0	42.06	0.89	2235.8
				Double, Clear	E	10.0	7.0	30.0	42.06	0.44	557.2
				Double, Clear	S	2.0	7.0	30.0	35.87	0.82	882.5
				Double, Clear	W	12.0	5.0	6.0	38.52	0.39	90.3
				Double, Clear	W	12.0	7.0	30.0	38.52	0.42	489.7
				Double, Clear	W	8.0	5.0	12.0	38.52	0.44	202.1
				Double, Clear	W	8.0	7.0	20.0	38.52	0.50	382.3
				As-Built Total:				**188.0**			**4839.9**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1493.0	1.50		2239.5
Exterior	1493.0	1.70	2538.1								
Base Total:	**1493.0**		**2538.1**	**As-Built Total:**				**1493.0**			**2239.5**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				21.0	4.10		86.1
Exterior	63.0	6.10	384.3	Exterior Insulated				21.0	4.10		86.1
				Exterior Insulated				21.0	4.10		86.1
Base Total:	**63.0**		**384.3**	**As-Built Total:**				**63.0**			**258.3**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	2282.0	1.73	3947.9	Under Attic			30.0	2282.0	1.73 X 1.00		3947.9
Base Total:	**2282.0**		**3947.9**	**As-Built Total:**				**2282.0**			**3947.9**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	218.0(p)	-37.0	-8066.0	Slab-On-Grade Edge Insulation			0.0	218.0(p	-41.20		-8981.6
Raised	0.0	0.00	0.0								
Base Total:			**-8066.0**	**As-Built Total:**				**218.0**			**-8981.6**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	2282.0	10.21	23299.2					2282.0	10.21		23299.2

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: Jr Dicks Tract, Plat: unrecorded, Lake City, FL, 32055** PERMIT #:

BASE			AS-BUILT					
Summer Base Points:		**30335.1**	**Summer As-Built Points:**					**25603.1**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
30335.1	**0.4266**	**12941.0**	25603.1 **25603.1**	1.000 **1.00**	(1.090 x 1.147 x 0.91) **1.138**	0.244 **0.244**	0.902 **0.902**	6408.8 **6408.8**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: Jr Dicks Tract, Plat: unrecorded, Lake City, FL, 32055** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	2282.0	12.74	5233.1	Double, Clear	E	2.0	7.0	60.0	18.79	1.05	1178.8
				Double, Clear	E	10.0	7.0	30.0	18.79	1.38	776.8
				Double, Clear	S	2.0	7.0	30.0	13.30	1.17	467.1
				Double, Clear	W	12.0	5.0	6.0	20.73	1.23	153.1
				Double, Clear	W	12.0	7.0	30.0	20.73	1.22	756.0
				Double, Clear	W	8.0	5.0	12.0	20.73	1.21	300.9
				Double, Clear	W	8.0	7.0	20.0	20.73	1.18	490.2
				As-Built Total:				**188.0**			**4122.9**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	1493.0	3.40	5076.2
Exterior	1493.0	3.70	5524.1					
Base Total:	**1493.0**		**5524.1**	**As-Built Total:**		**1493.0**		**5076.2**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Exterior Insulated	21.0	8.40	176.4
Exterior	63.0	12.30	774.9	Exterior Insulated	21.0	8.40	176.4
				Exterior Insulated	21.0	8.40	176.4
Base Total:	**63.0**		**774.9**	**As-Built Total:**	**63.0**		**529.2**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	2282.0	2.05	4678.1	Under Attic	30.0	2282.0	2.05 X 1.00	4678.1
Base Total:	**2282.0**		**4678.1**	**As-Built Total:**		**2282.0**		**4678.1**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	218.0(p)	8.9	1940.2	Slab-On-Grade Edge Insulation	0.0	218.0(p	18.80	4098.4
Raised	0.0	0.00	0.0					
Base Total:			**1940.2**	**As-Built Total:**		**218.0**		**4098.4**

INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points
	2282.0	-0.59	-1346.4		2282.0	-0.59	-1346.4

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: Jr Dicks Tract, Plat: unrecorded, Lake City, FL, 32055**PERMIT #:

BASE				AS-BUILT						
Winter Base Points:			**16804.0**	**Winter As-Built Points:**						**17158.4**
Total Winter Points	X System Multiplier	=	Heating Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Heating Points
16804.0	**0.6274**		**10542.8**	17158.4 **17158.4**	1.000 **1.00**	(1.069 x 1.169 x 0.93) **1.162**	0.432 **0.432**	0.950 **0.950**		8177.2 **8177.2**

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: Jr Dicks Tract, Plat: unrecorded, Lake City, FL, 32055** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
2		2746.00	5492.0	30.0	0.90	2		1.00	2684.98	1.00	5370.0
				As-Built Total:							**5370.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
12941	**10543**	**5492**	**28976**	**6409**	**8177**	**5370**	**19956**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: Jr Dicks Tract, Plat: unrecorded, Lake City, FL, 32055**PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	N/A
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	✓

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TFQ8228Z0411153935

Truss Fabricator:	Anderson Truss Company
Job Identification:	8-063--Glenwood King Pittman -- , **
Truss Count:	26
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.36.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Notes:

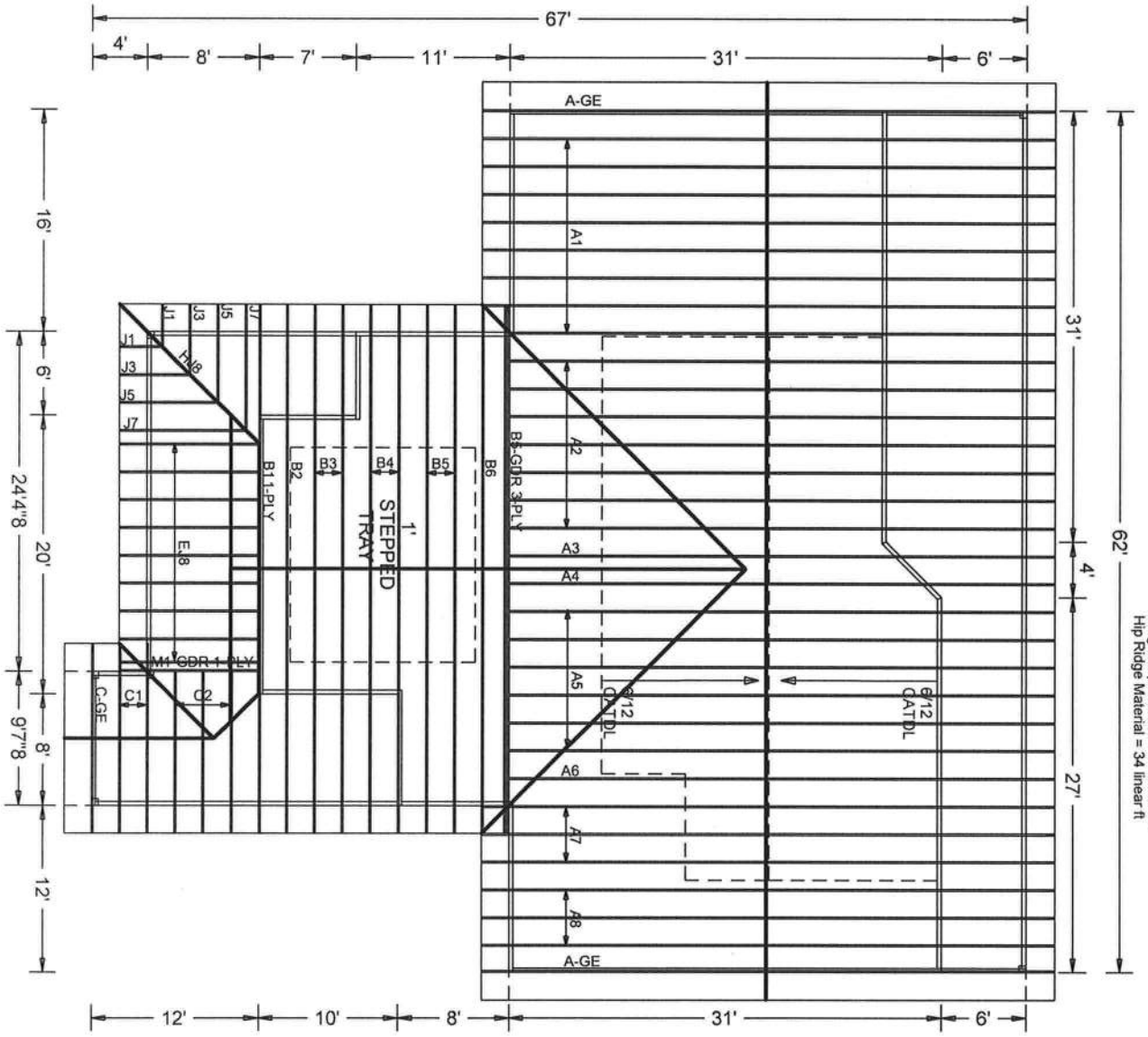
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Seal Date: 03/11/2008

-Truss Design Engineer-
Doug Fleming
Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844

Details: A12015EE-GBLLETIN-A13015EE-BRCLBSUB-TCFILLER-BCFILLER-REPBCFIL-CNBRGBLK-

#	Ref Description	Drawing#	Date
1	67460--A-GE	08071079	03/11/08
2	67461--A1	08071022	03/11/08
3	67462--A8	08071077	03/11/08
4	67463--A5	08071073	03/11/08
5	67464--A6	08071075	03/11/08
6	67465--A7	08071074	03/11/08
7	67466--A2	08071067	03/11/08
8	67467--A3	08071072	03/11/08
9	67468--A4	08071070	03/11/08
10	67469--B1	08071062	03/11/08
11	67470--B2	08071023	03/11/08
12	67471--B6	08071080	03/11/08
13	67472--B5-GDR	08071081	03/11/08
14	67473--B3	08071024	03/11/08
15	67474--B4	08071025	03/11/08
16	67475--B5	08071021	03/11/08
17	67476--C-GE	08071071	03/11/08
18	67477--C1	08071078	03/11/08
19	67478--C2	08071068	03/11/08
20	67479--J1	08071066	03/11/08
21	67480--HJ8	08071082	03/11/08
22	67481--J3	08071065	03/11/08
23	67482--J5	08071064	03/11/08
24	67483--J7	08071063	03/11/08
25	67484--EJ8	08071069	03/11/08
26	67485--M1-GDR	08071076	03/11/08



REVISED 03-11-08

#8-063
GLENWOOD KING-
PITTMAN

Roof Plane Sheathing Area = 4236 sq. ft
Gable Sheathing Area = 383 sq. ft
Total Sheathing Area = 4619 sq. ft
Fascia Material = 285 linear ft
Valley Flashing Material = 67 linear ft
Ridge Cap Material = 114 linear ft
Hip Ridge Material = 34 linear ft

JOB DESCRIPTION:: Glenwood King /: Pittman	JOB NO: 8-063	PAGE NO: 1 OF 1

(8-063--Glenwood King Pittman -- , ** - A-GE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

See DWGS A13015EE0207 & GBLLETIN0207 for more requirements.

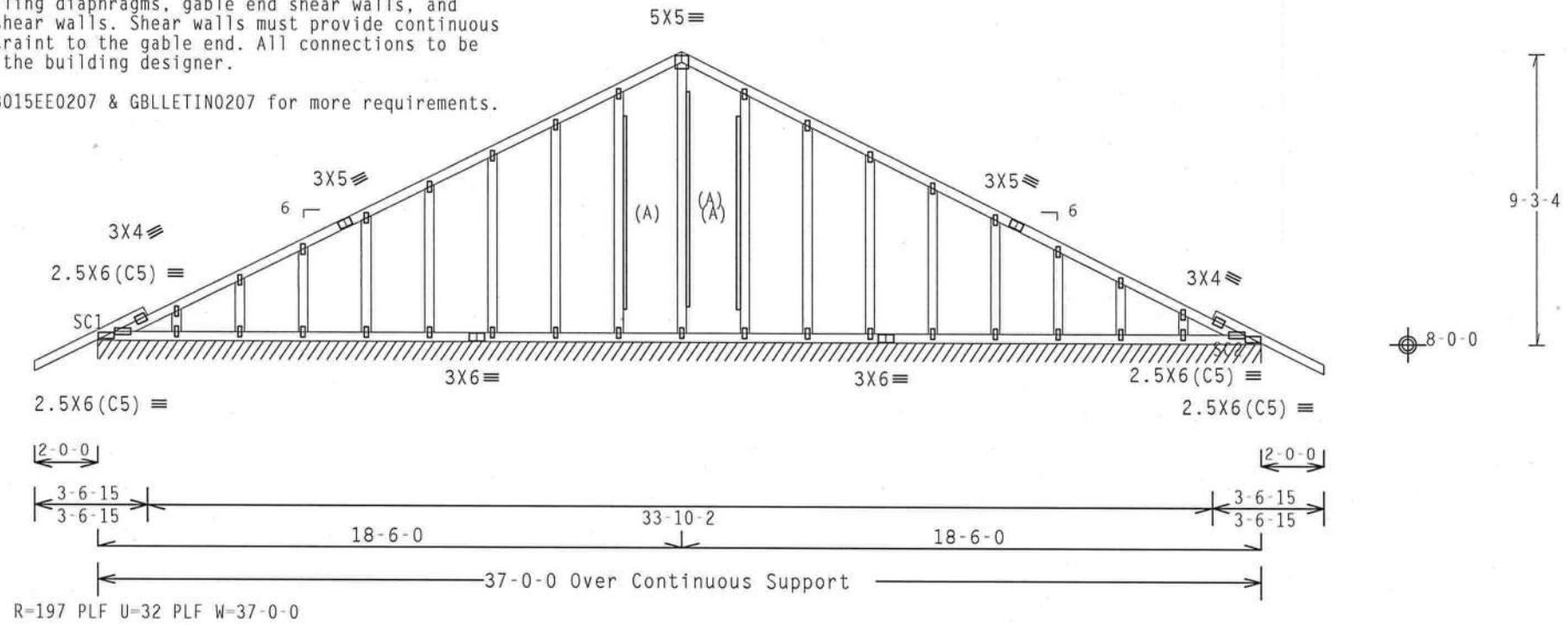
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

(A) 1x4 #3 or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

In lieu of structural panels use purlins to brace TC @ 24" OC.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:2 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF R8228- 67460
TC DL	10.0 PSF	DATE 03/11/08
BC DL	10.0 PSF	DRW HCUSR8228 08071079
BC LL	0.0 PSF	HC-ENG DAL/DF
TOT.LD.	40.0 PSF	SEQN- 76940
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - A1)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense:
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	62 PLF	at	-2.00	to	62 PLF	at	8.60
TC - From	62 PLF	at	8.60	to	62 PLF	at	18.50
TC - From	62 PLF	at	18.50	to	62 PLF	at	28.40
TC - From	62 PLF	at	28.40	to	62 PLF	at	39.00
BC - From	4 PLF	at	-2.00	to	4 PLF	at	0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at	12.00
BC - From	20 PLF	at	12.00	to	20 PLF	at	13.17
BC - From	120 PLF	at	13.17	to	120 PLF	at	23.83
BC - From	20 PLF	at	23.83	to	20 PLF	at	25.00
BC - From	20 PLF	at	25.00	to	20 PLF	at	37.00
BC - From	4 PLF	at	37.00	to	4 PLF	at	39.00

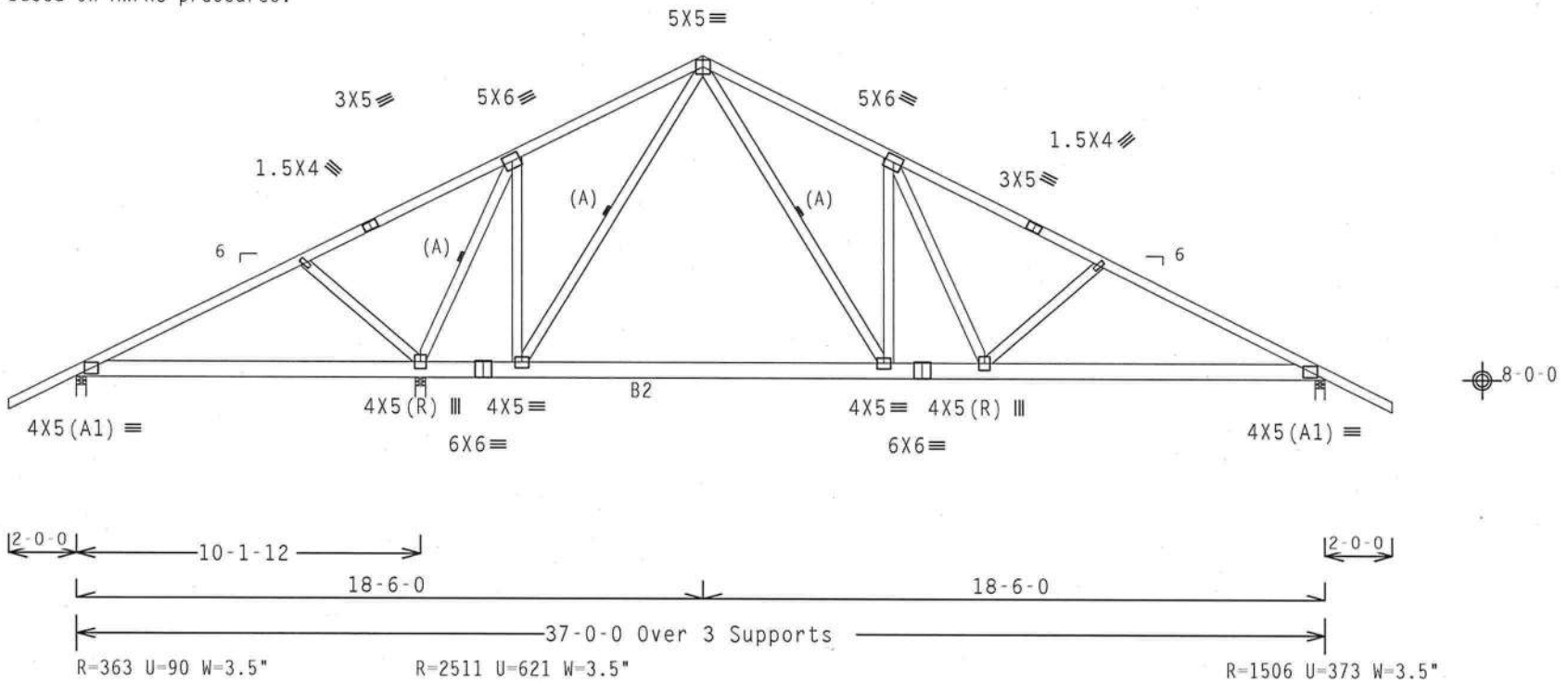
Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:8 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67461
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071022
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	78927
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - A8)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

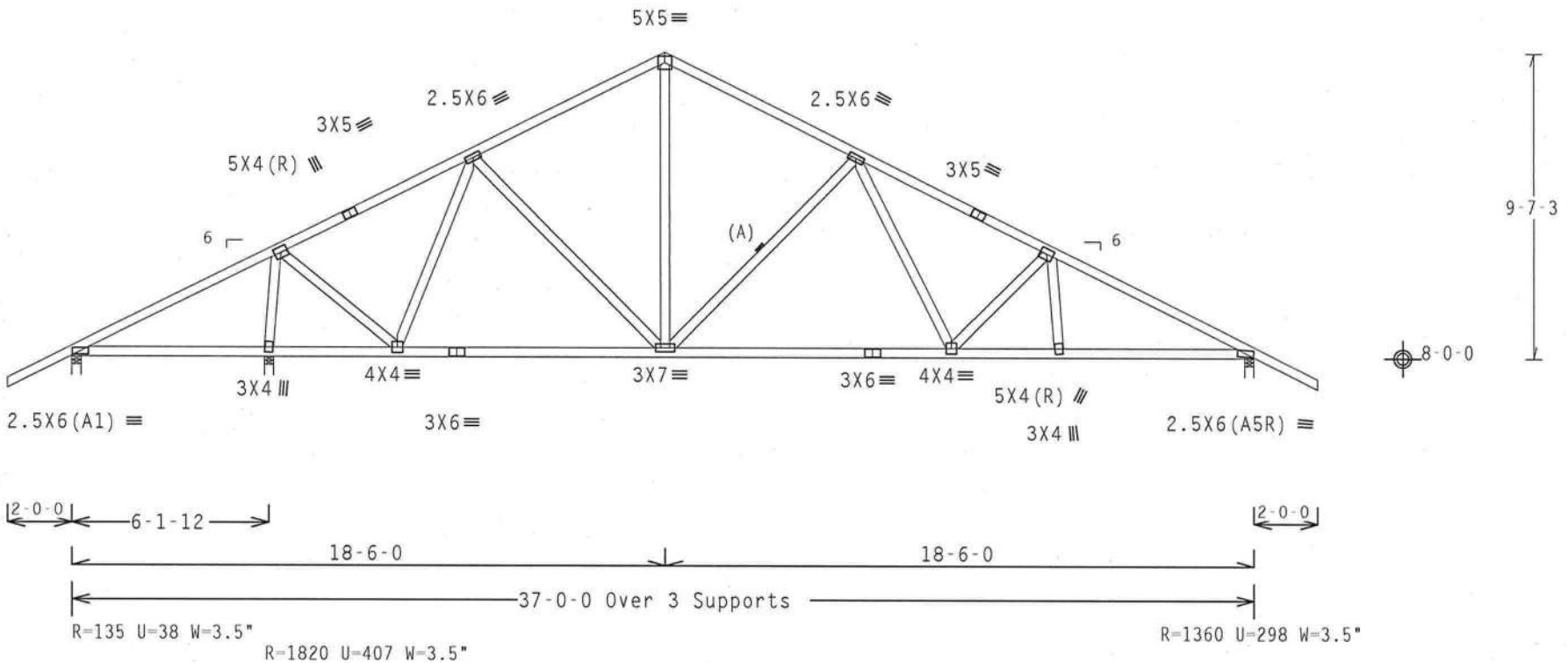
Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.043

PLT TYP. Wave QTY:3 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67462
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071077
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76955
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - A5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

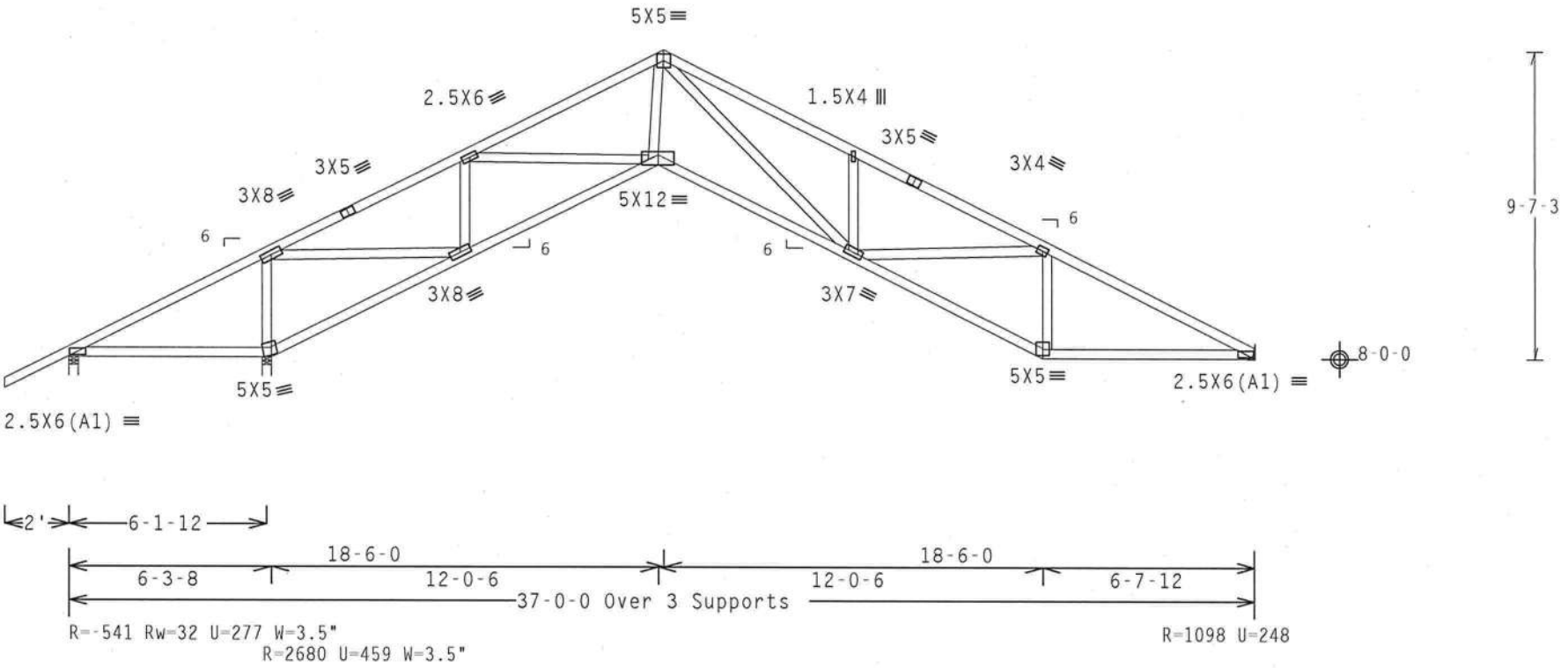
Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Negative reaction(s) of -540# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave QTY:6 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67463
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071073
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76968
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - A6)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Filler 2x4 SP #2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.

See detail BCFILLER0207 for bottom chord (BC) filler detail. Laterally brace BC above filler @ 24" O.C. (or as designed) Including a brace on BC directly above both ends of filler (if no rigid diaphragm exists at that point).

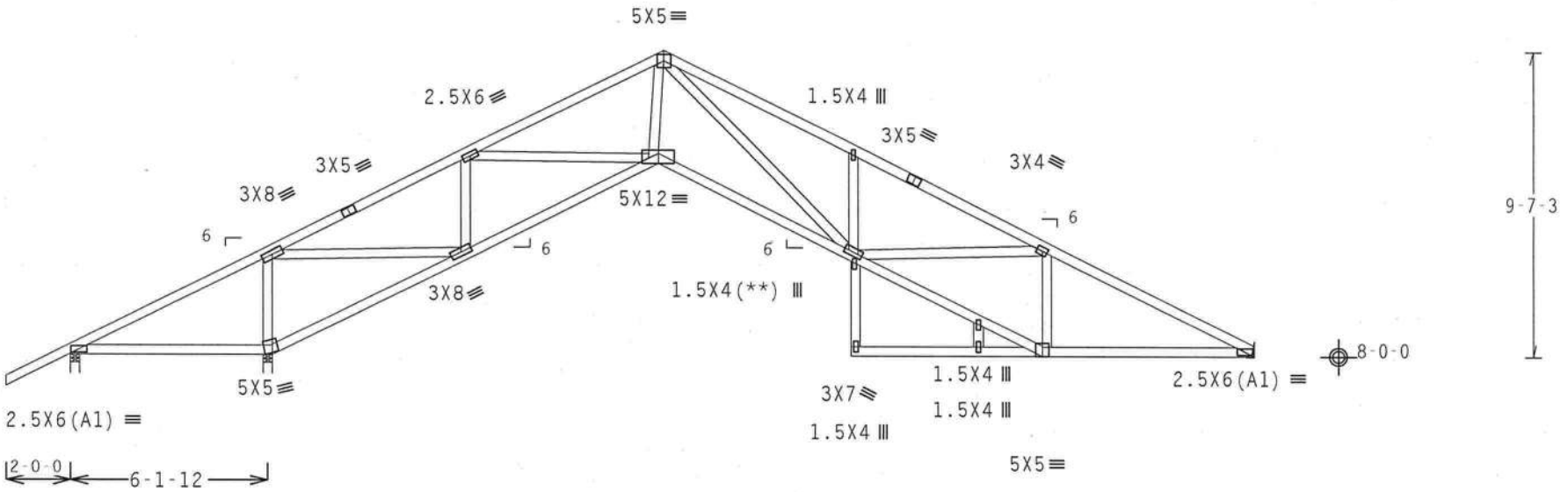
Negative reaction(s) of -540# MAX. (See below) from a non-wind load case requires uplift connection.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67464
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071075
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76977
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - A7)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Filler 2x4 SP #2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

See detail BCFILLER0207 for bottom chord (BC) filler detail. Laterally brace BC above filler @ 24" O.C. (or as designed) Including a brace on BC directly above both ends of filler (if no rigid diaphragm exists at that point).

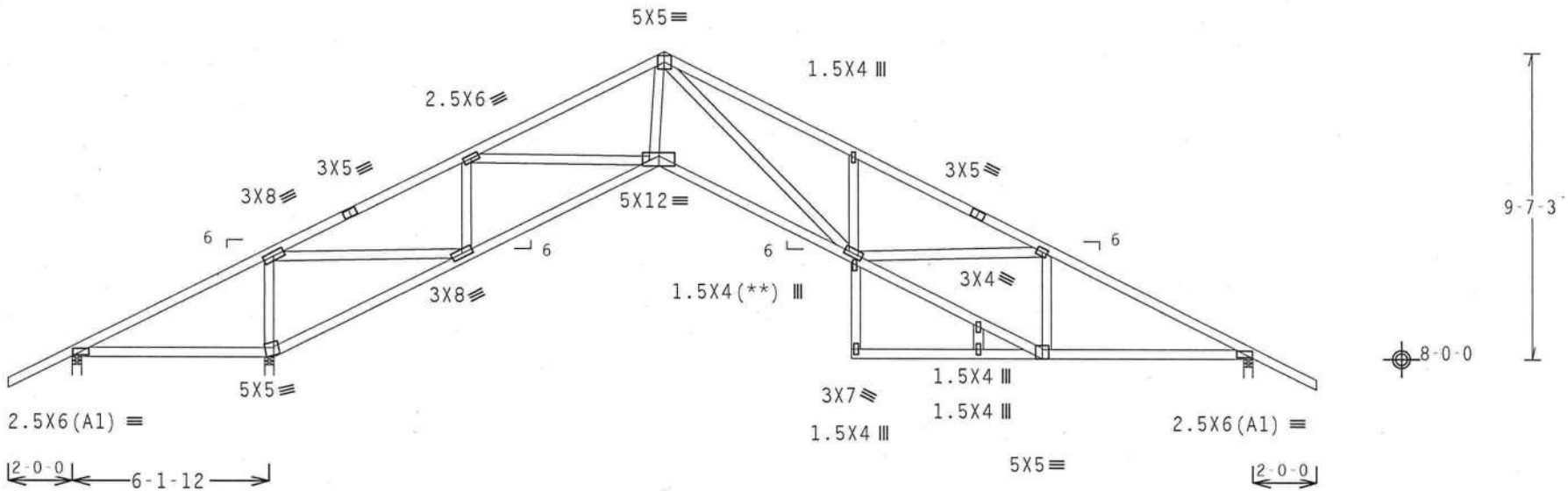
Negative reaction(s) of -537# MAX. (See below) from a non-wind load case requires uplift connection.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.04 QTY:3 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAR 11 '08

TC LL	20.0 PSF	REF	R8228- 67465
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071074
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76986
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - A2)

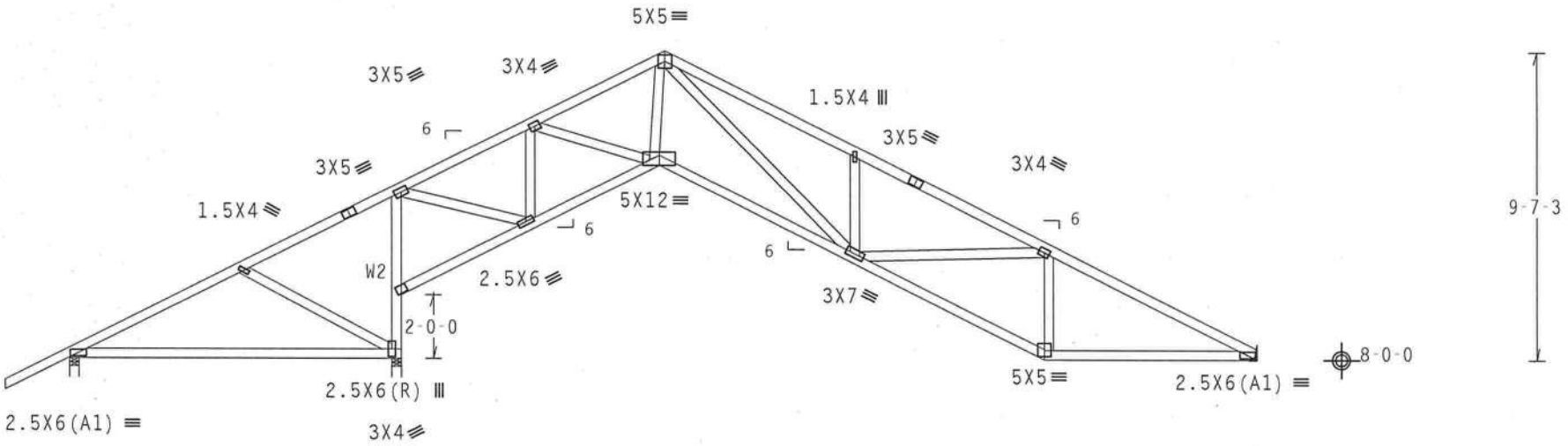
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:

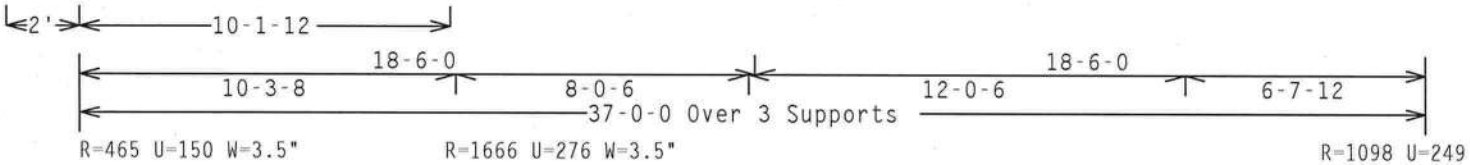
Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave QTY:7 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 11 '08

TC LL	20.0 PSF	REF	R8228- 67466
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071067
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76992
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TF08228Z04

(8-063--Glenwood King Pittman -- , ** - A3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W4, W8 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.31" due to live load and 0.49" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

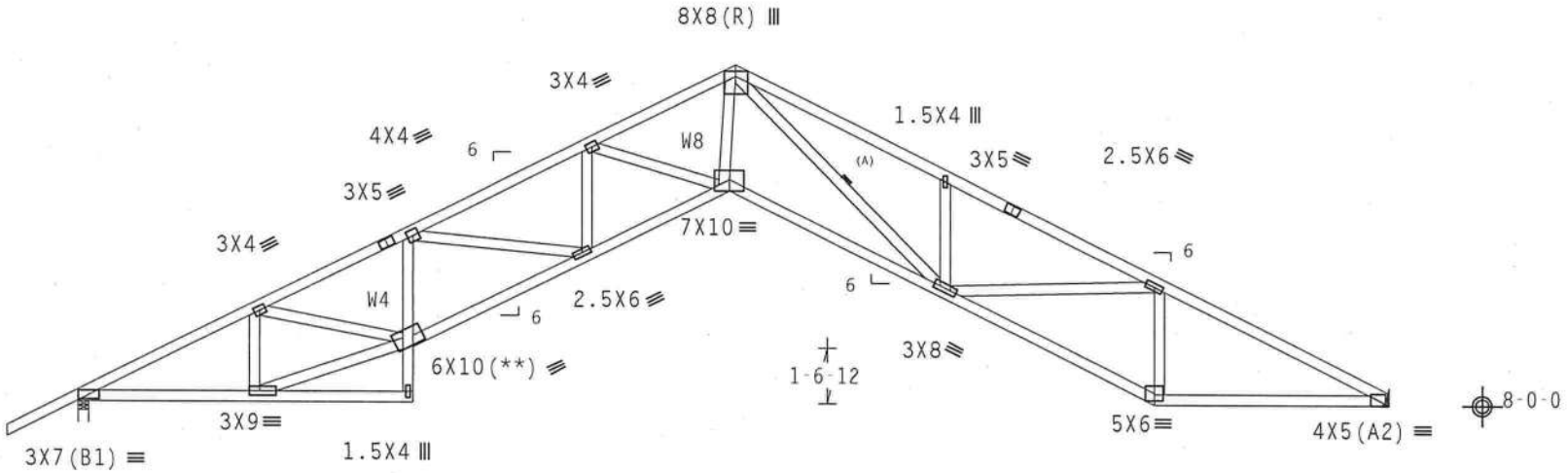
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

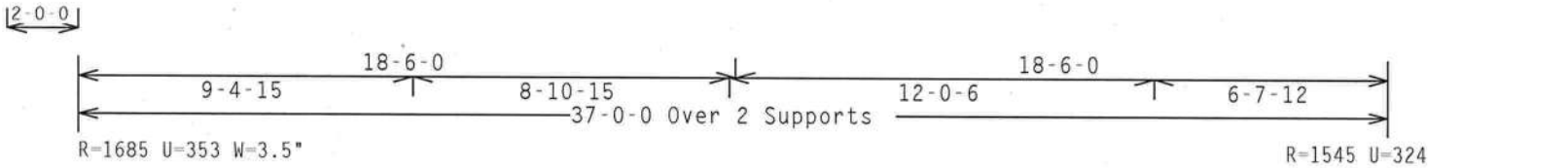
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Calculated vertical deflection is 0.43" due to live load and 0.69" due to dead load at X = 18-3-14.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '08

TC LL	20.0 PSF	REF	R8228- 67467
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071072
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	77887
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - A4)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W4, W8 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.31" due to live load and 0.50" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

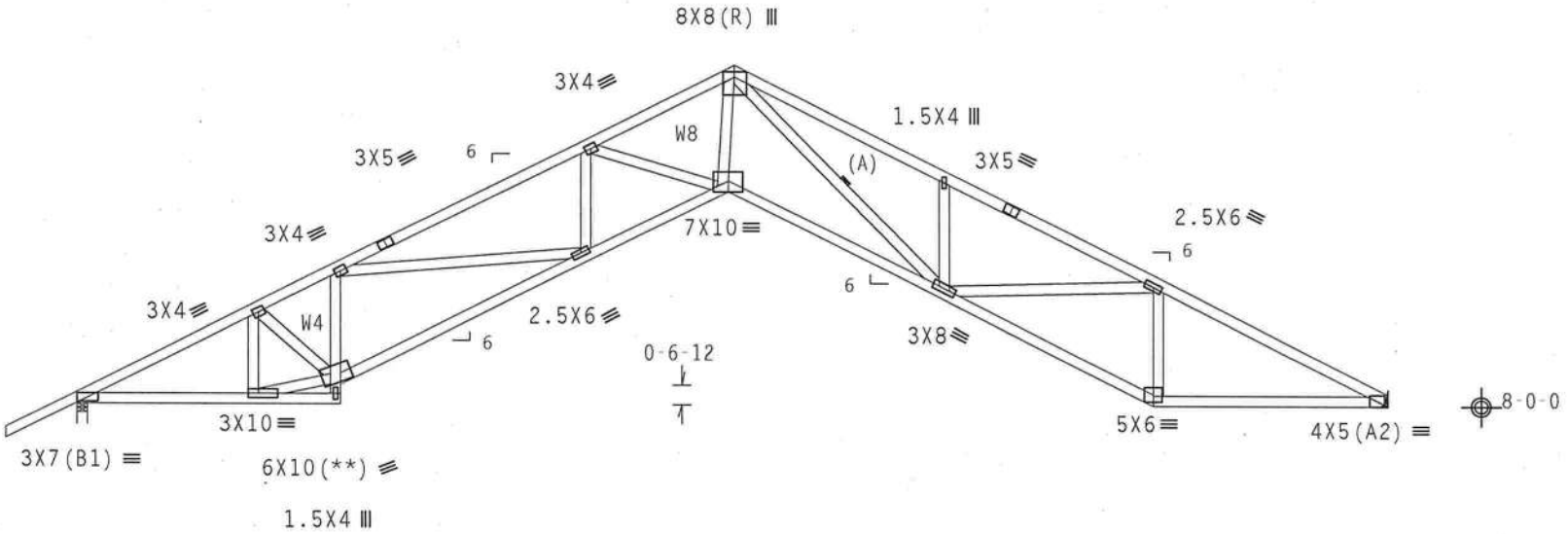
Calculated vertical deflection is 0.43" due to live load and 0.70" due to dead load at X = 18-3-14.

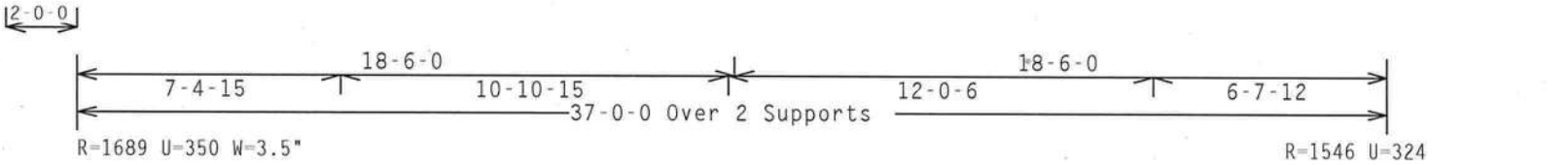
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.042

QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '08

TC LL	20.0 PSF	REF	R8228- 67468
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071070
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	77897
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - B1)

Top chord 2x4 SP #2 Dense :T2, T5 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

See DWGS A12015EE0207 & GBLLETIN0207 for more requirements.

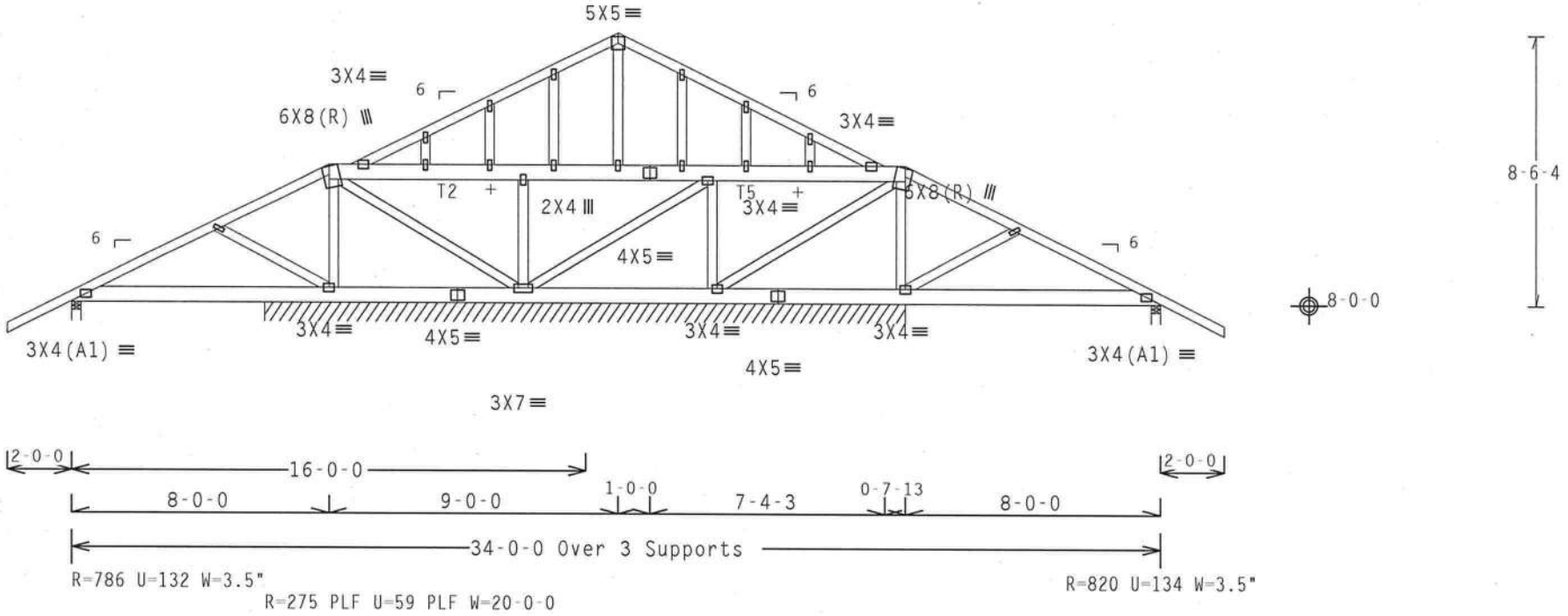
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

#1 hip supports 8-0-0 jacks with no webs.

+ MEMBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAR 11 '08

TC LL	20.0 PSF	REF	R8228- 67469
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071062
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	77041
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - B2)

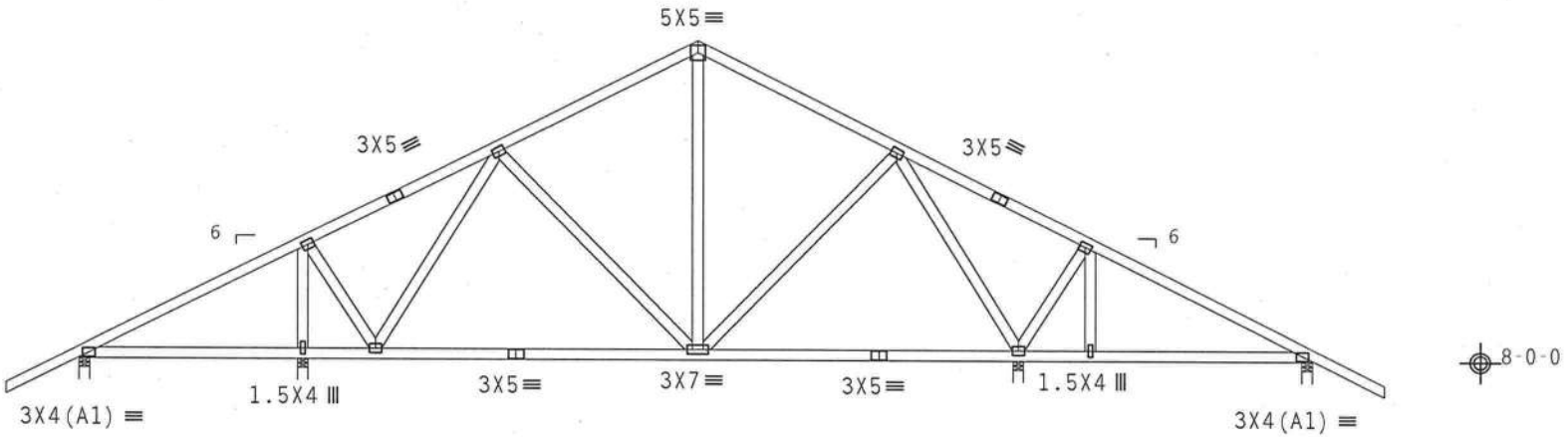
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

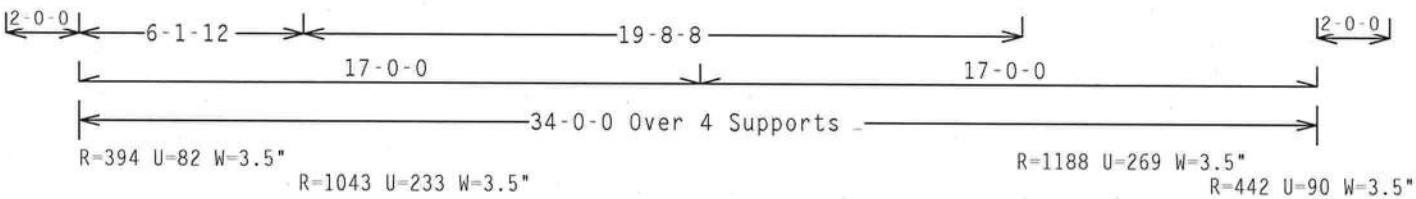
Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.





Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.043 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF R8228- 67470
TC DL	10.0 PSF	DATE 03/11/08
BC DL	10.0 PSF	DRW HCUSR8228 08071023
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 78931
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - B6)

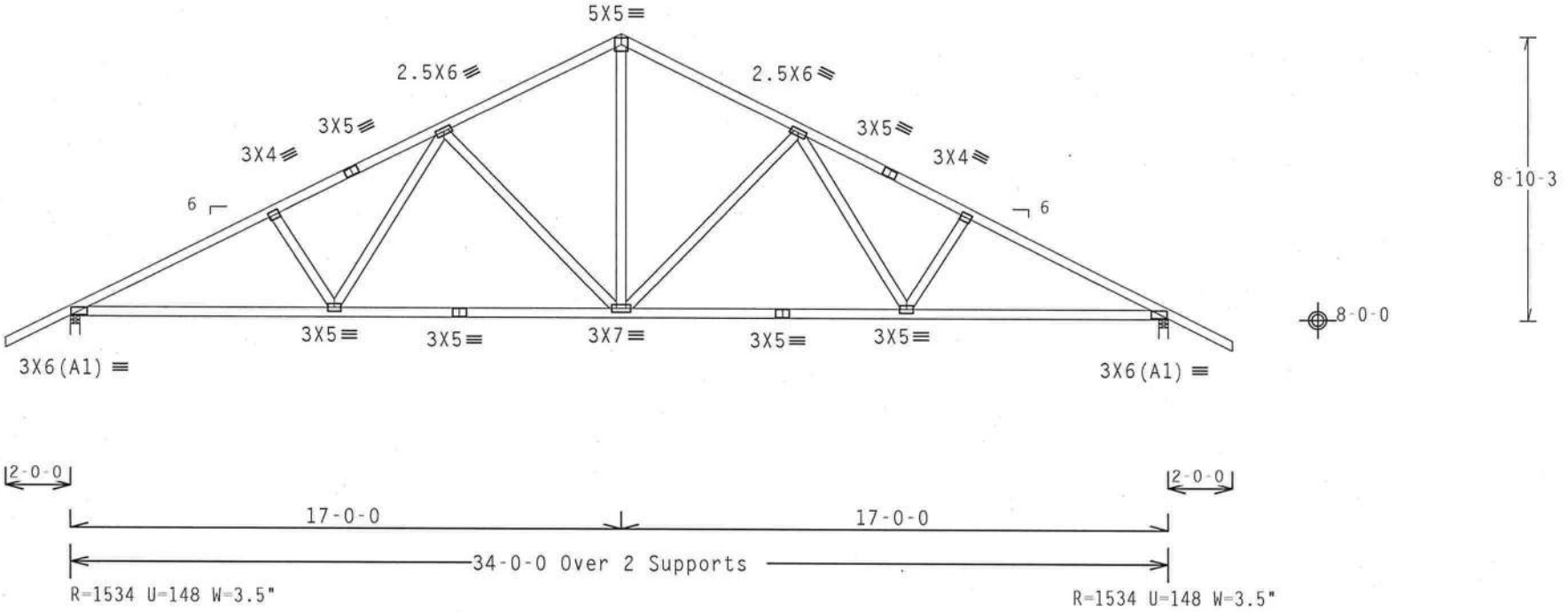
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67471
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071080
BC LL	0.0 PSF	HC-ENG	DAL/DF *
TOT.LD.	40.0 PSF	SEQN-	76962
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - B5-GDR)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
     Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From   62 PLF at -2.00 to   62 PLF at 17.00
TC - From   62 PLF at 17.00 to   62 PLF at 36.00
BC - From   4 PLF at -2.00 to   4 PLF at 0.00
BC - From   20 PLF at 0.00 to   20 PLF at 34.00
BC - From   4 PLF at 34.00 to   4 PLF at 36.00
BC - 1098 LB Conc. Load at 2.06, 4.06, 6.06, 8.06, 10.06
12.06, 14.06, 20.06, 22.06, 24.06, 26.06, 28.06, 30.06, 32.06
BC - 1545 LB Conc. Load at 16.06
BC - 1546 LB Conc. Load at 18.06

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.50" o.c.
Webs   : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

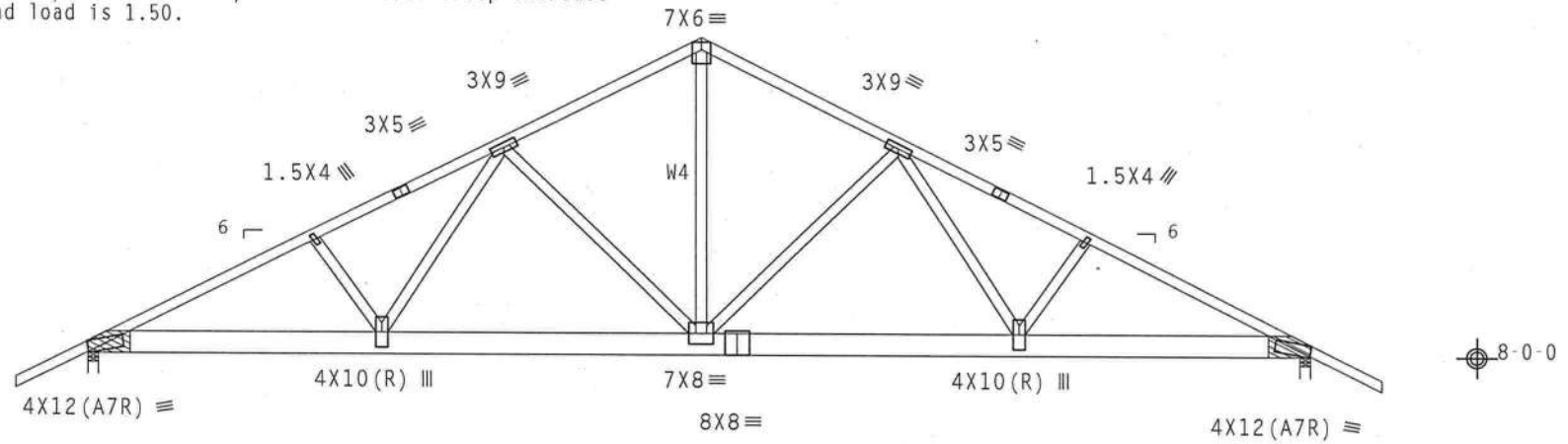
Bearing blocks: Nail type: 12d_Common_(0.148"x3.25",_min.)_nails

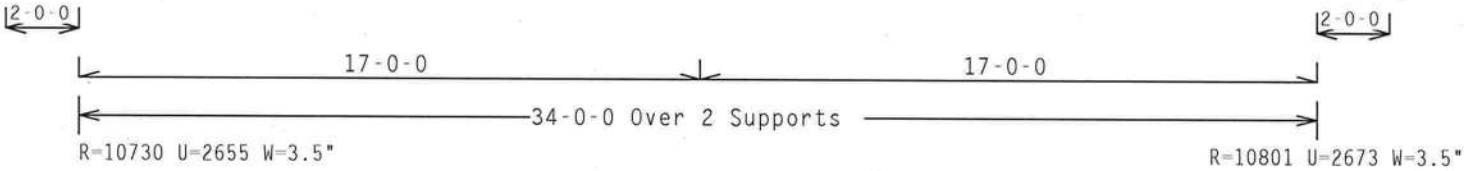
BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
1	0.000'	1	14"	14	Rigid Surface
2	33.708'	1	14"	15	Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.043 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
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Haines City, FL 33844
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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67472
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071081
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	77901
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - B3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Filler 2x4 SP #2 Dense

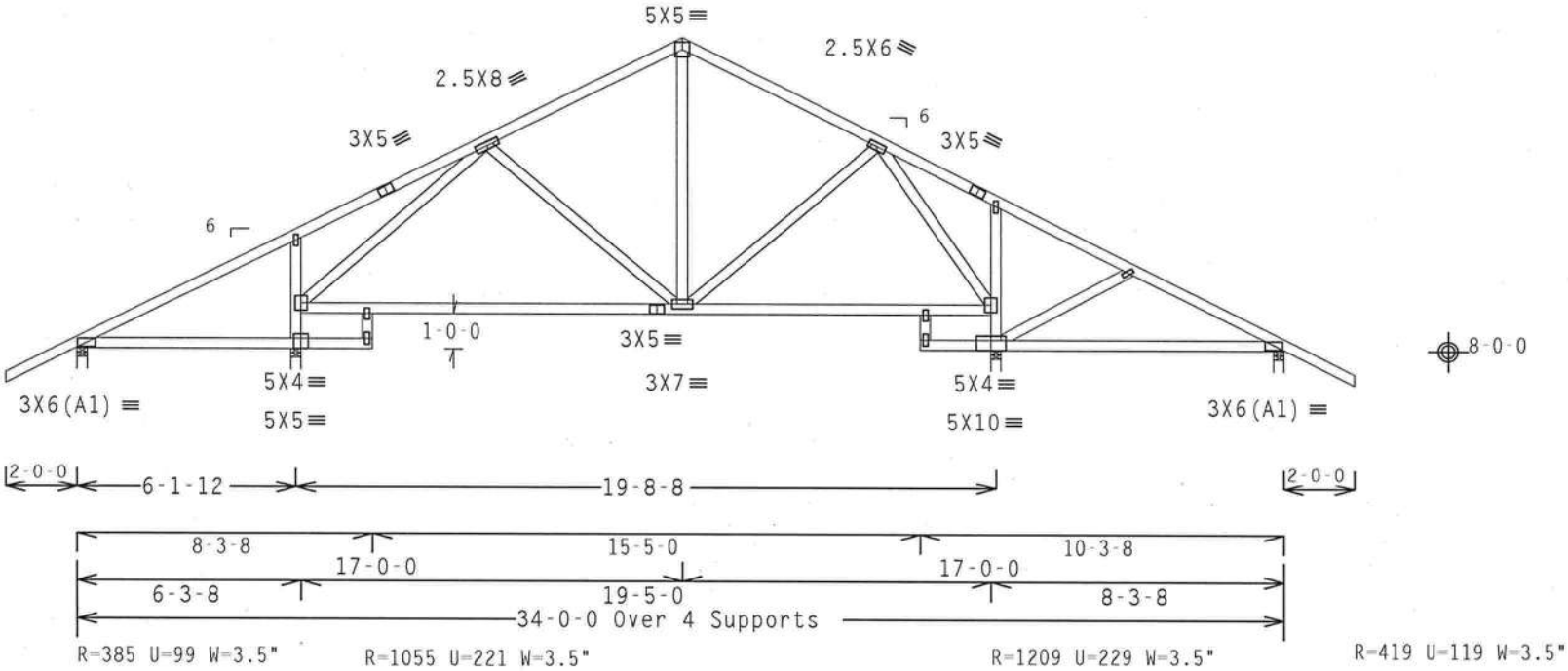
Roof overhang supports 2.00 psf soffit load.

See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for filler details. Laterally brace chord above/below filler @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:2 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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11 '08

TC LL	20.0 PSF	REF	R8228- 67473
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071024
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	78981
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - B4)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Filler 2x4 SP #2 Dense

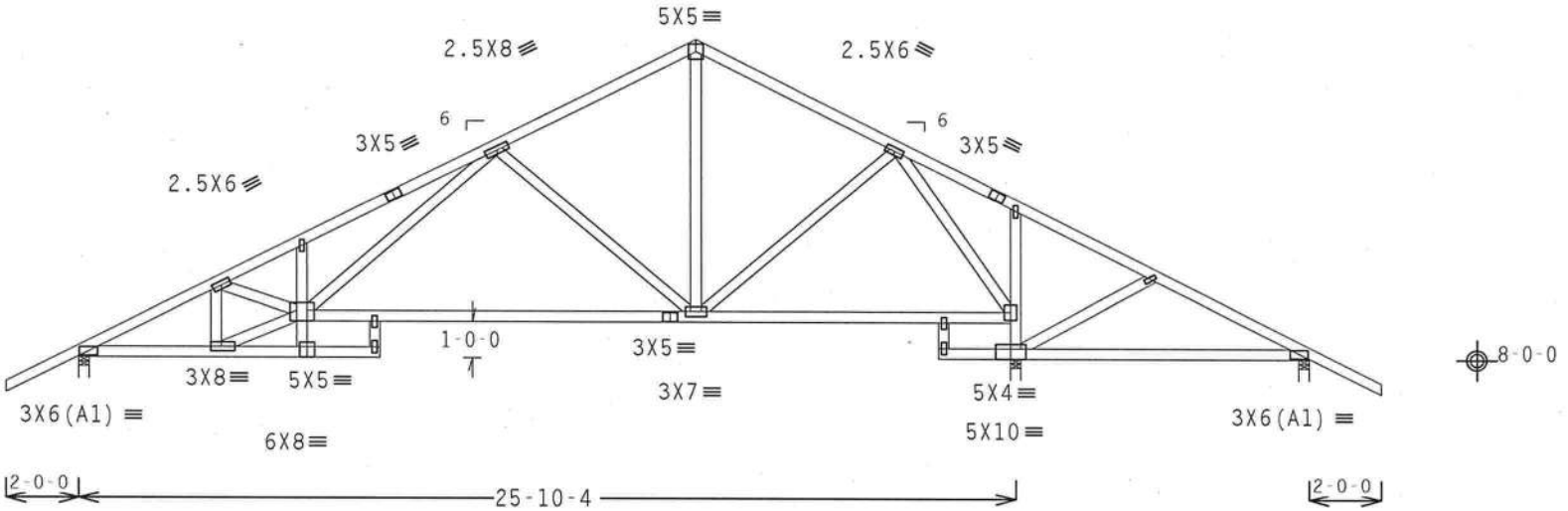
Roof overhang supports 2.00 psf soffit load.

See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for filler details. Laterally brace chord above/below filler @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.04 QTY:2 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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MAR 11 '08

TC LL	20.0 PSF	REF	R8228- 67474
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071025
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	78977
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - B5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Filler 2x4 SP #2 Dense

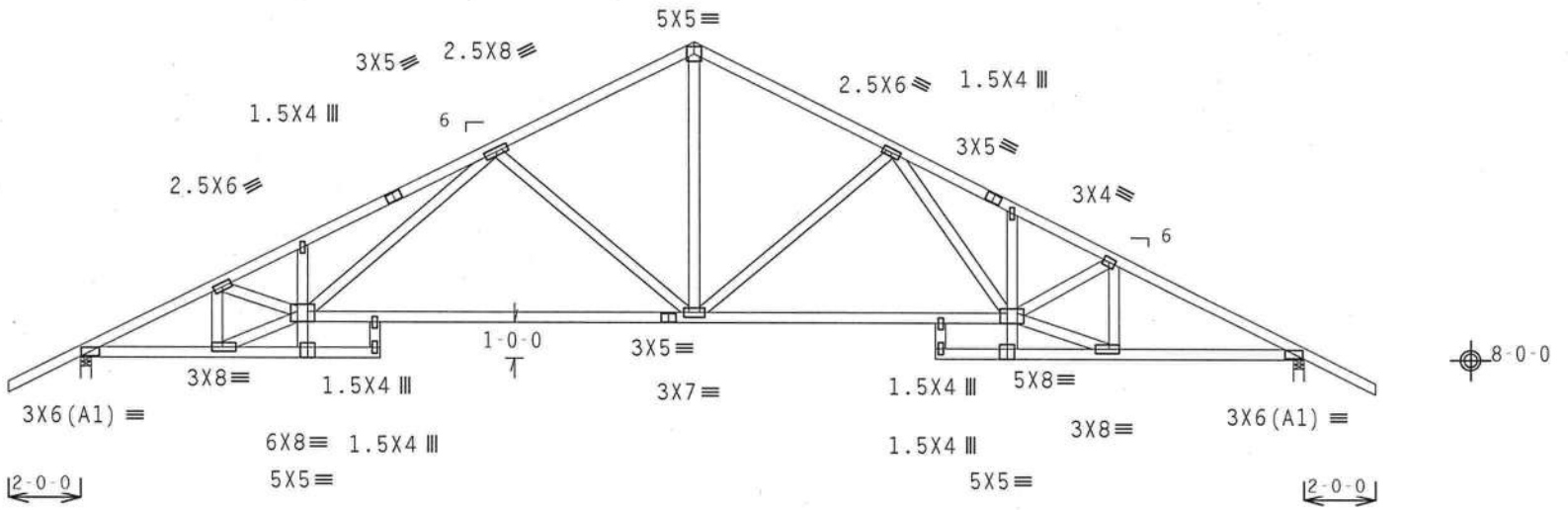
Roof overhang supports 2.00 psf soffit load.

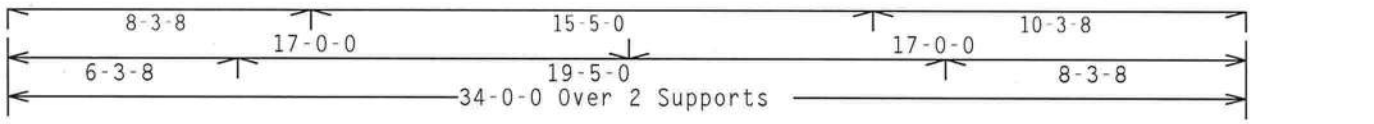
See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for filler details. Laterally brace chord above/below filler @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





R=1534 U=334 W=3.5"

R=1534 U=335 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.04 QTY:2 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
M 11 '08

TC LL	20.0 PSF	REF	R8228- 67475
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071021
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	78968
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - C-GE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

See DWGS A13015EE0207 & GBLLETIN0207 for more requirements.

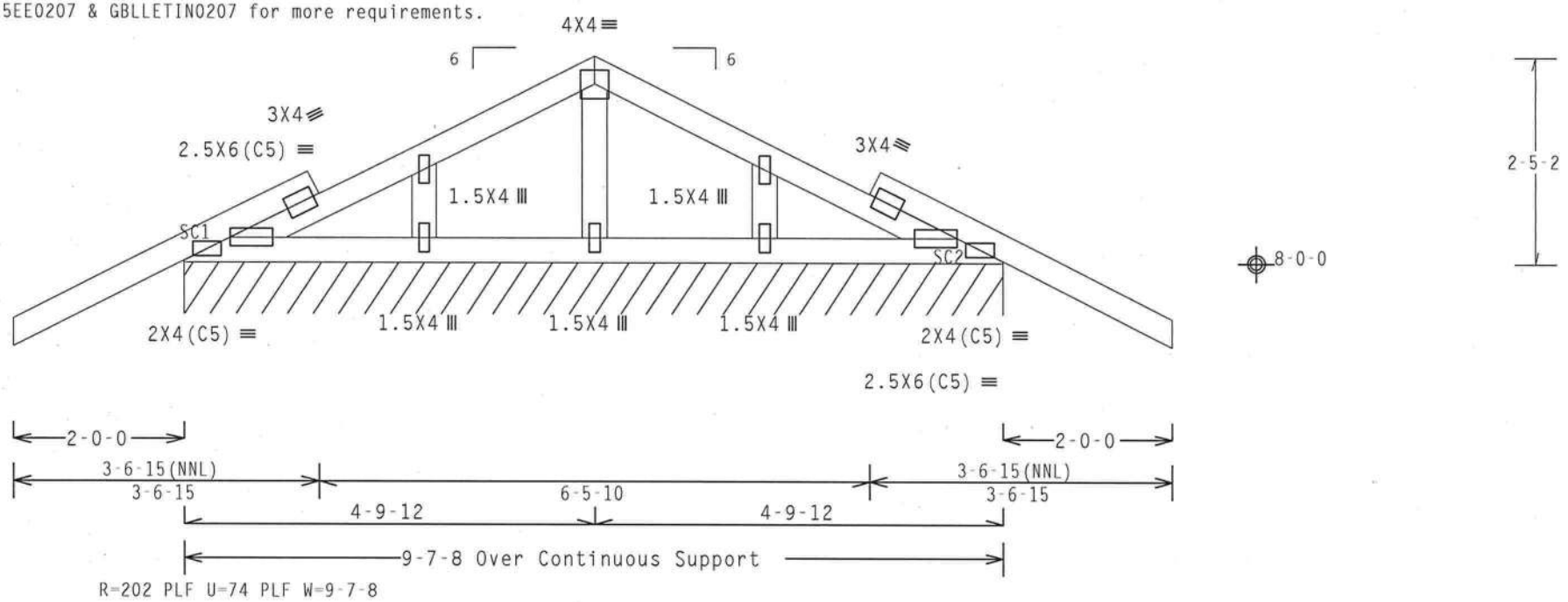
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels use purlins to brace TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67476
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071071
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76853
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - C1)

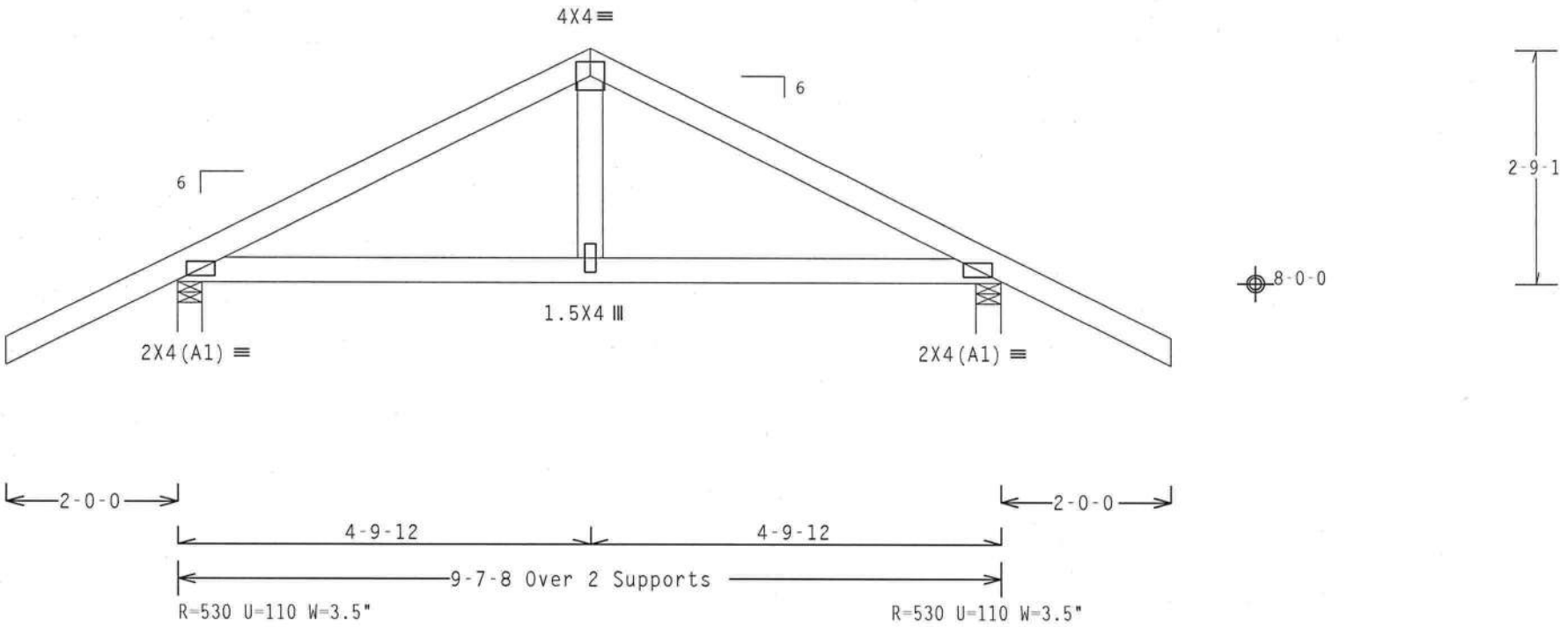
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
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DOUGLAS FLEMING LICENSE No.66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67477
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071078
BC LL	0.0 PSF		HC-ENG DAL/DF *
TOT.LD.	40.0 PSF	SEQN-	76857
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TF08228Z04

(8-063--Glenwood King Pittman -- , ** - C2)

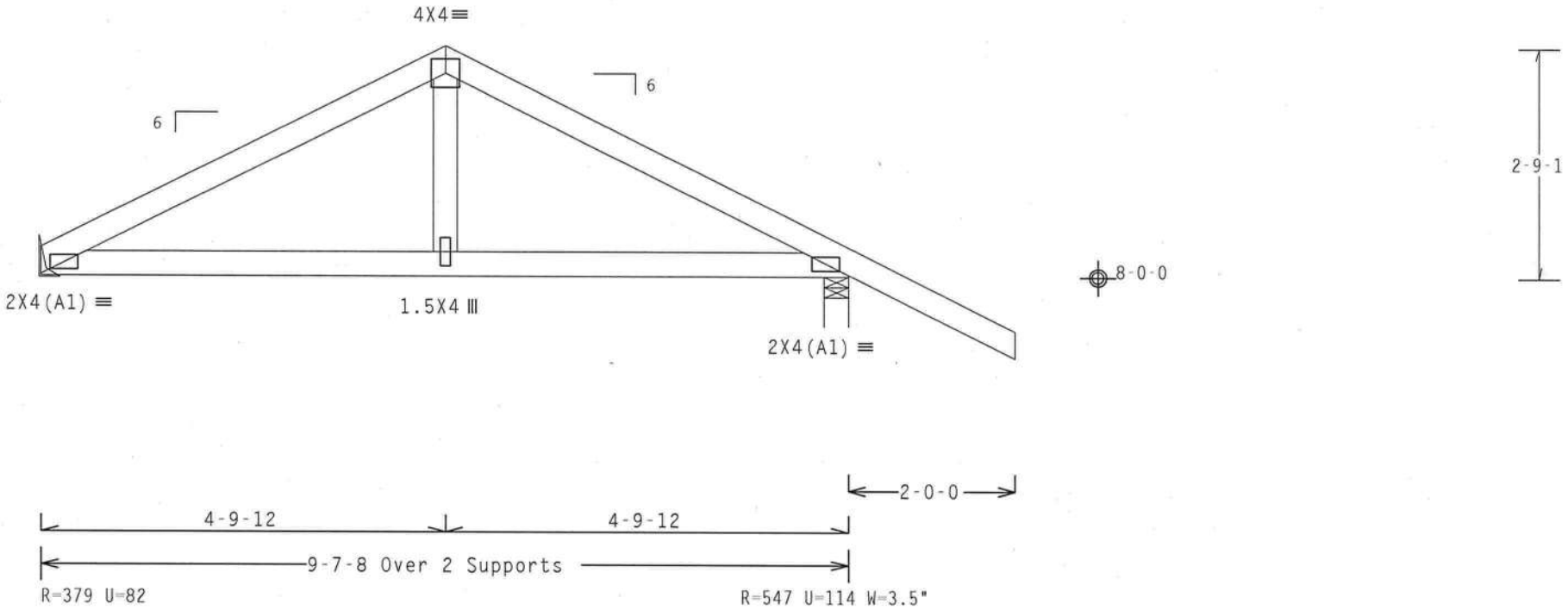
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave QTY:3 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67478
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071068
BC LL	0.0 PSF	HC-ENG	DAL/DF *
TOT.LD.	40.0 PSF	SEQN-	76863
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TF08228Z04

(8-063--Glenwood King Pittman -- , ** - J1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

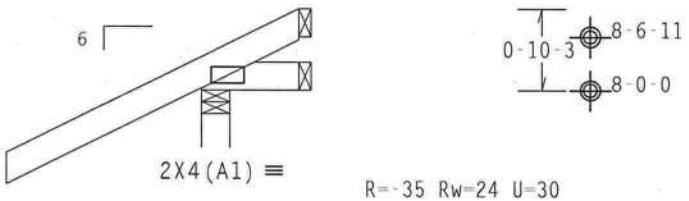
Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

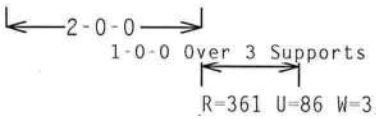
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

R=-110 Rw=44 U=76



R=-35 Rw=24 U=30



R=361 U=86 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.04

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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Mar 11 '08

TC LL	20.0 PSF	REF	R8228- 67479
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071066
BC LL	0.0 PSF		HC-ENG DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76868
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - HJ8)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

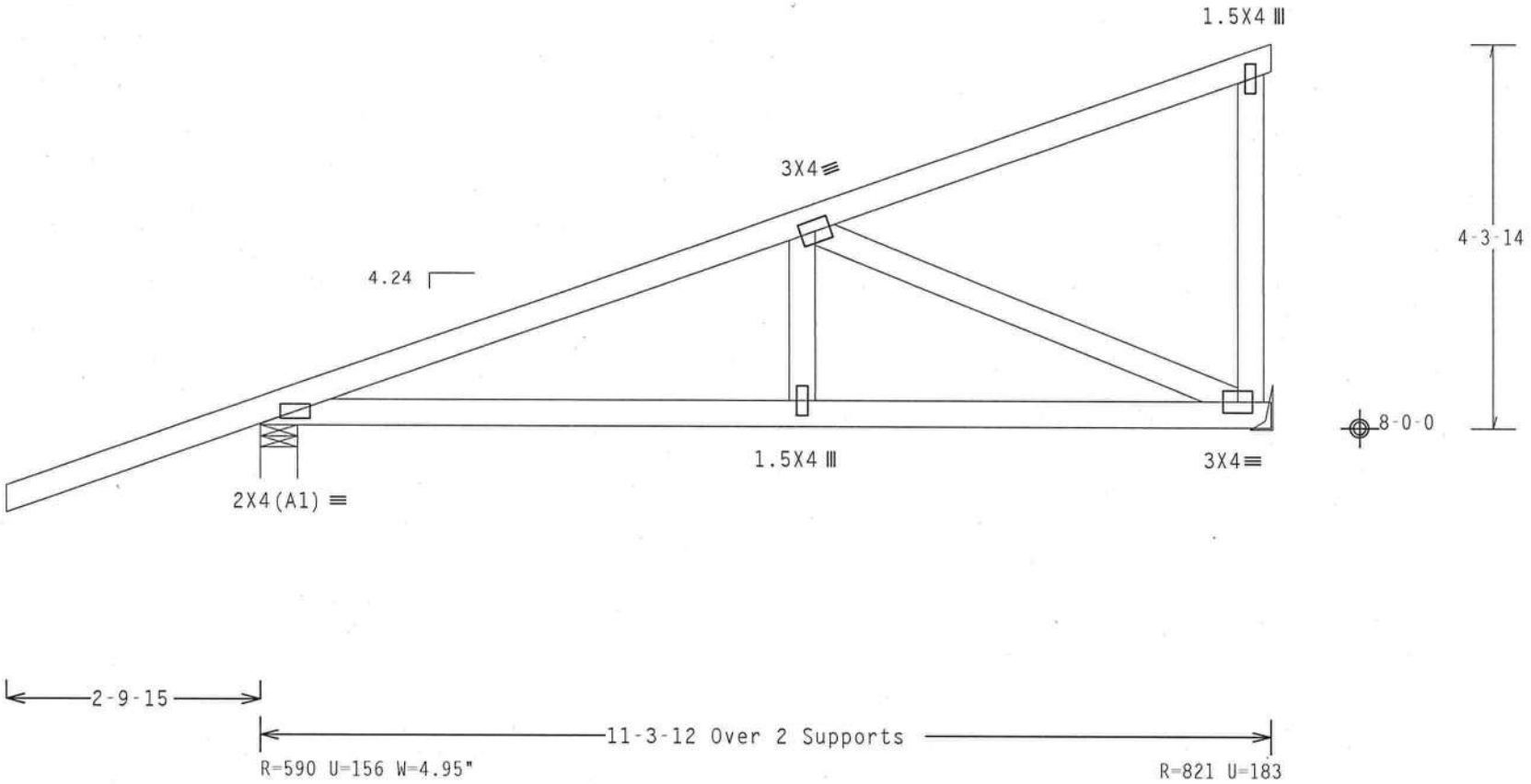
Hipjack supports 8-0-0 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.043 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67480
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071082
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76893
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - J3)

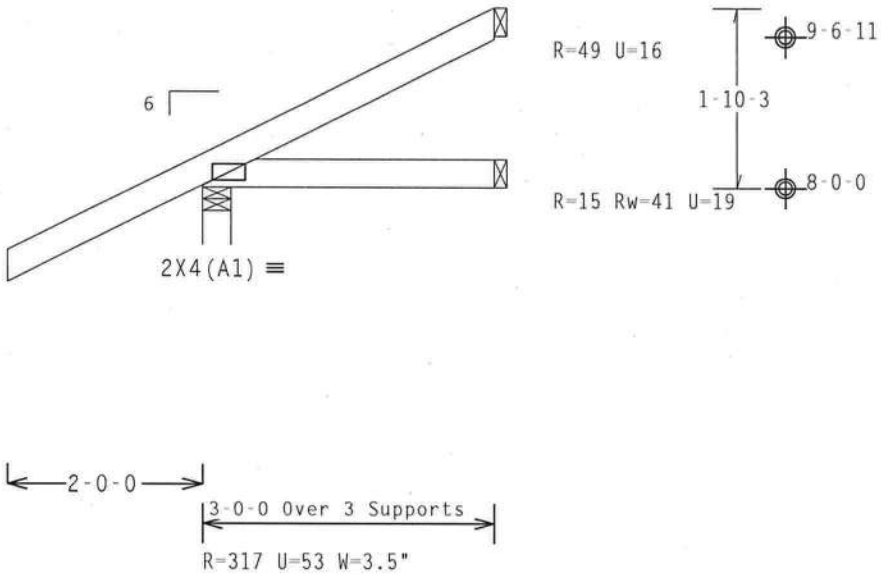
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '08

TC LL	20.0 PSF	REF	R8228- 67481
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071065
BC LL	0.0 PSF	HC-ENG	DAL/DF *
TOT.LD.	40.0 PSF	SEQN-	76873
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - J5)

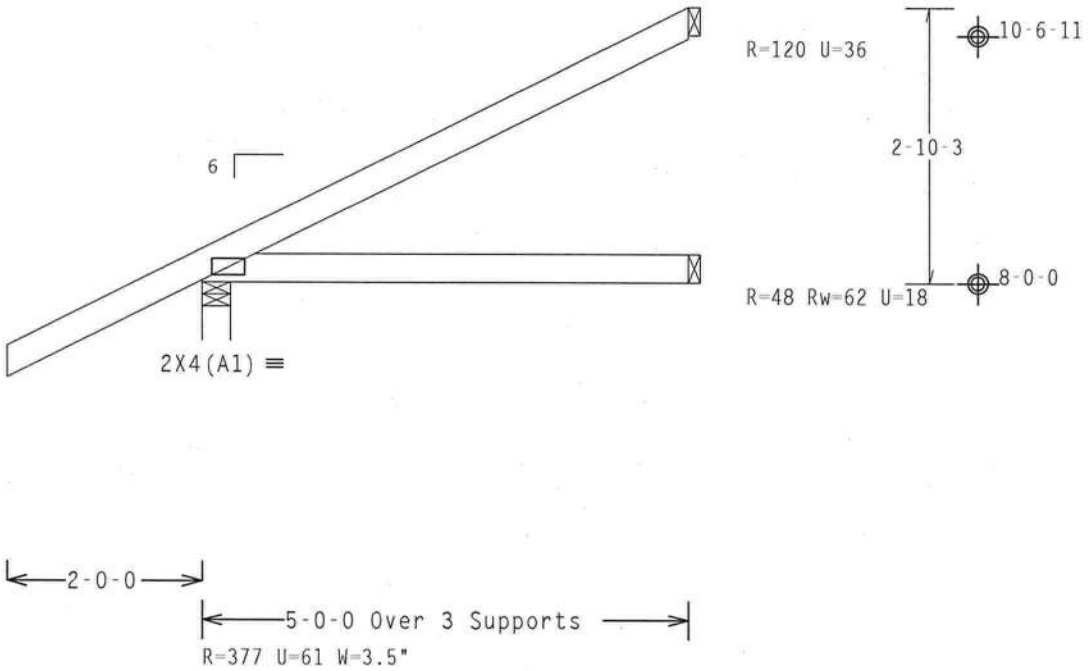
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAR 11 '08

TC LL	20.0 PSF	REF	R8228- 67482
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071064
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	76877
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - J7)

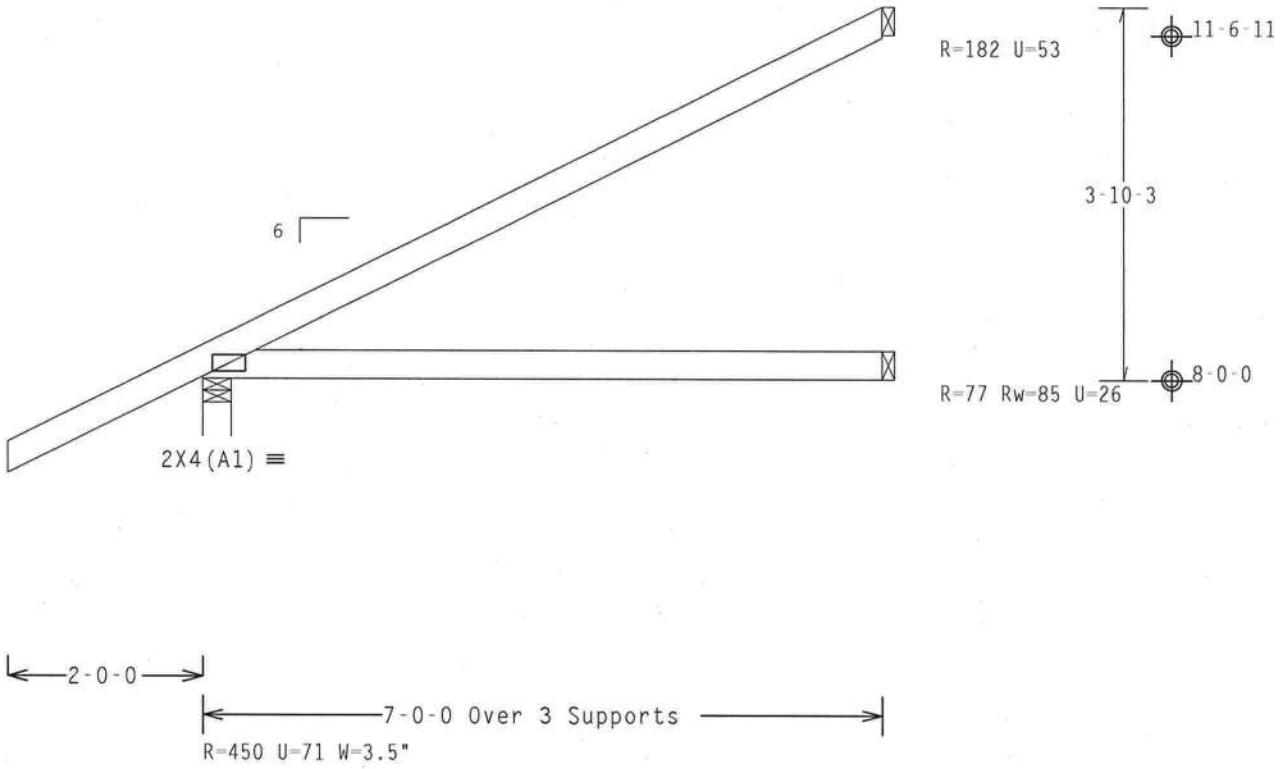
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '08

TC LL	20.0 PSF	REF R8228- 67483
TC DL	10.0 PSF	DATE 03/11/08
BC DL	10.0 PSF	DRW HCUSR8228 08071063
BC LL	0.0 PSF	HC-ENG DAL/DF
TOT.LD.	40.0 PSF	SEQN- 76881
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - EJ8)

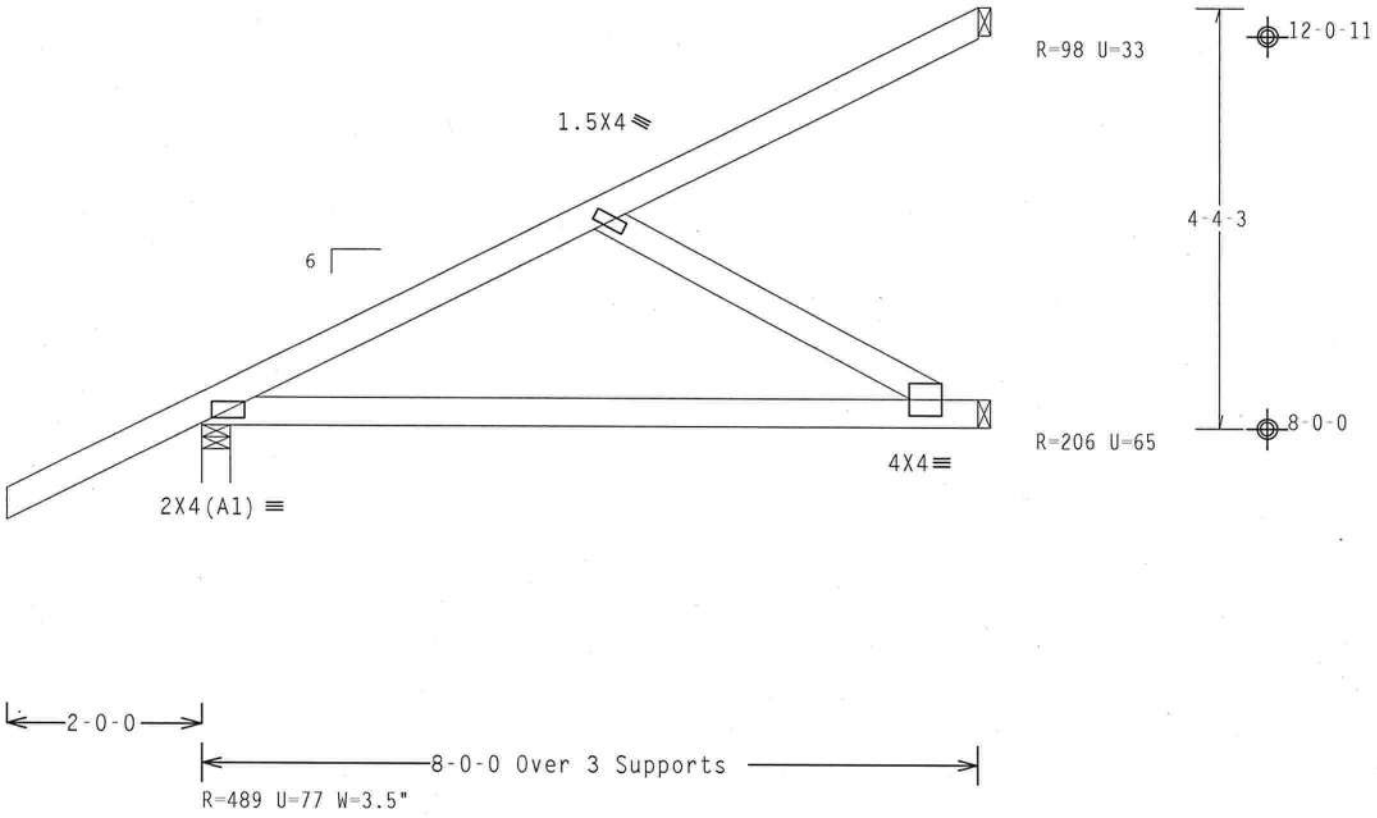
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.04

PLT TYP. Wave

QTY:9 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF	R8228- 67484
TC DL	10.0 PSF	DATE	03/11/08
BC DL	10.0 PSF	DRW	HCUSR8228 08071069
BC LL	0.0 PSF	HC-ENG	DAL/DF *
TOT.LD.	40.0 PSF	SEQN-	76898
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFQ8228Z04

(8-063--Glenwood King Pittman -- , ** - M1-GDR)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

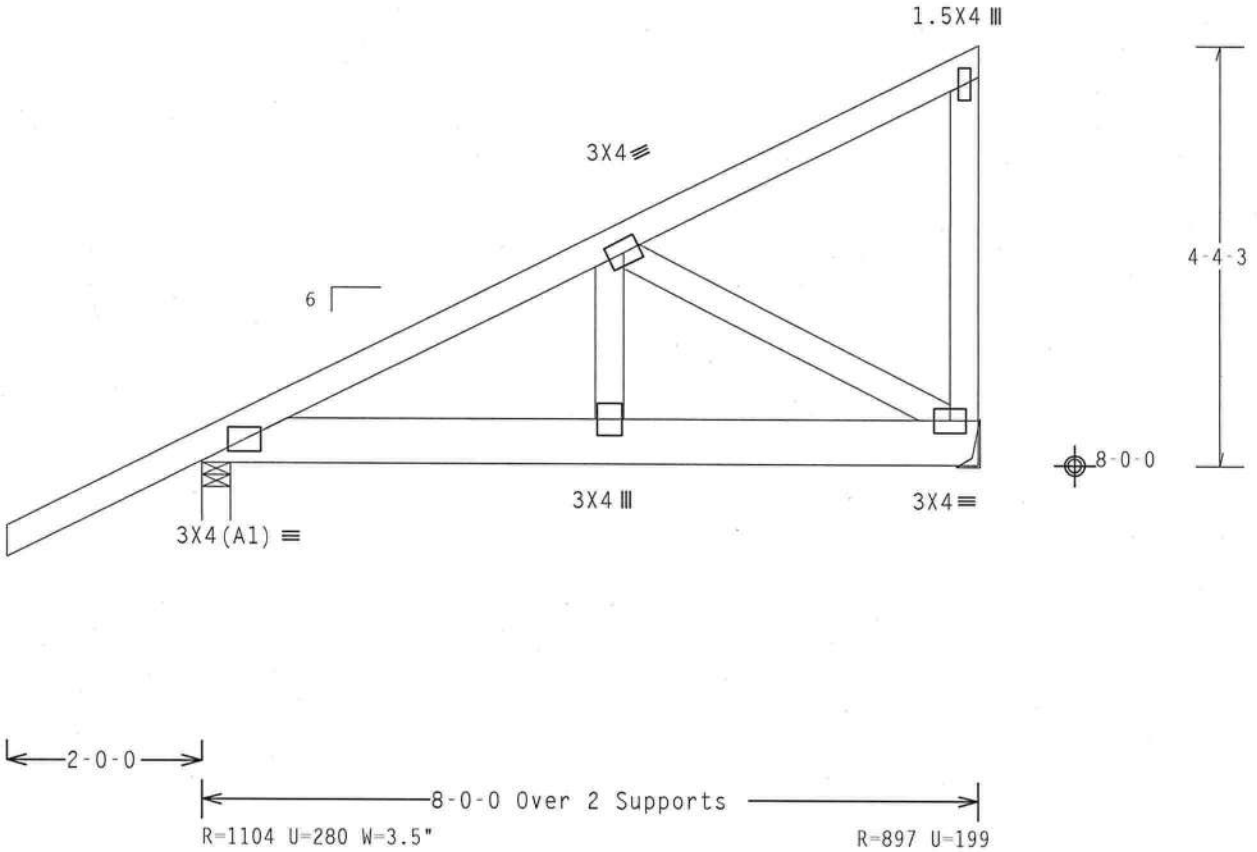
Girder supports 9-7-8 span to BC one face and 2-0-0 span to TC/BC split opposite face.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '08

TC LL	20.0 PSF	REF R8228- 67485
TC DL	10.0 PSF	DATE 03/11/08
BC DL	10.0 PSF	DRW HCUSR8228 08071076
BC LL	0.0 PSF	HC-ENG DAL/DF
TOT.LD.	40.0 PSF	SEQN- 76909
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFQ8228Z04

ASCE 7-02: 120 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' 7"	6' 3"	6' 5"	7' 4"	7' 7"	8' 9"	9' 0"	11' 7"	11' 11"	13' 9"	14' 0"
		#3	3' 6"	5' 5"	5' 5"	7' 2"	7' 2"	8' 9"	8' 9"	11' 1"	11' 1"	13' 9"	13' 9"
		STUD	3' 6"	5' 4"	5' 4"	7' 1"	7' 1"	8' 9"	8' 9"	11' 1"	11' 1"	13' 9"	13' 9"
		STANDARD	3' 6"	4' 7"	4' 7"	6' 1"	6' 1"	8' 2"	8' 2"	9' 6"	9' 6"	12' 11"	12' 11"
	SP DFL	#1	3' 11"	6' 3"	6' 8"	7' 4"	7' 11"	8' 9"	9' 6"	11' 7"	12' 6"	13' 9"	14' 0"
		#2	3' 10"	6' 3"	6' 8"	7' 4"	7' 11"	8' 9"	9' 6"	11' 7"	12' 6"	13' 9"	14' 0"
		#3	3' 8"	5' 6"	5' 6"	7' 4"	7' 4"	8' 9"	9' 3"	11' 5"	11' 5"	13' 9"	14' 0"
		STUD	3' 8"	5' 6"	5' 6"	7' 3"	7' 3"	8' 9"	9' 3"	11' 3"	11' 3"	13' 9"	14' 0"
		STANDARD	3' 7"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 2"	13' 2"
16" O.C.	SPF HF	#1 / #2	4' 1"	7' 1"	7' 4"	8' 5"	8' 8"	10' 1"	10' 4"	13' 3"	13' 7"	14' 0"	14' 0"
		#3	4' 0"	6' 7"	6' 7"	8' 5"	8' 5"	10' 1"	10' 1"	13' 3"	13' 3"	14' 0"	14' 0"
		STUD	4' 0"	6' 7"	6' 7"	8' 5"	8' 5"	10' 1"	10' 1"	13' 3"	13' 3"	14' 0"	14' 0"
		STANDARD	4' 0"	5' 8"	5' 8"	7' 6"	7' 6"	10' 1"	10' 1"	11' 8"	11' 8"	14' 0"	14' 0"
	SP DFL	#1	4' 6"	7' 1"	7' 8"	8' 5"	9' 1"	10' 1"	10' 10"	13' 3"	14' 0"	14' 0"	14' 0"
		#2	4' 5"	7' 1"	7' 8"	8' 5"	9' 1"	10' 1"	10' 10"	13' 3"	14' 0"	14' 0"	14' 0"
		#3	4' 3"	6' 9"	6' 9"	8' 5"	8' 11"	10' 1"	10' 7"	13' 3"	13' 11"	14' 0"	14' 0"
		STUD	4' 3"	6' 9"	6' 9"	8' 5"	8' 10"	10' 1"	10' 7"	13' 3"	13' 9"	14' 0"	14' 0"
		STANDARD	4' 1"	5' 10"	5' 10"	7' 8"	7' 8"	10' 1"	10' 3"	11' 11"	11' 11"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 7"	7' 10"	8' 1"	9' 3"	9' 6"	11' 1"	11' 5"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 5"	7' 8"	7' 8"	9' 3"	9' 3"	11' 1"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 5"	7' 7"	7' 7"	9' 3"	9' 3"	11' 1"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 5"	6' 7"	6' 7"	8' 8"	8' 8"	11' 1"	11' 1"	13' 5"	13' 5"	14' 0"	14' 0"
	SP DFL	#1	5' 0"	7' 10"	8' 5"	9' 3"	10' 0"	11' 1"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 10"	7' 10"	8' 5"	9' 3"	10' 0"	11' 1"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 8"	7' 10"	7' 10"	9' 3"	9' 9"	11' 1"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 8"	7' 9"	7' 9"	9' 3"	9' 9"	11' 1"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 7"	6' 8"	6' 8"	8' 10"	8' 10"	11' 1"	11' 5"	13' 9"	13' 9"	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

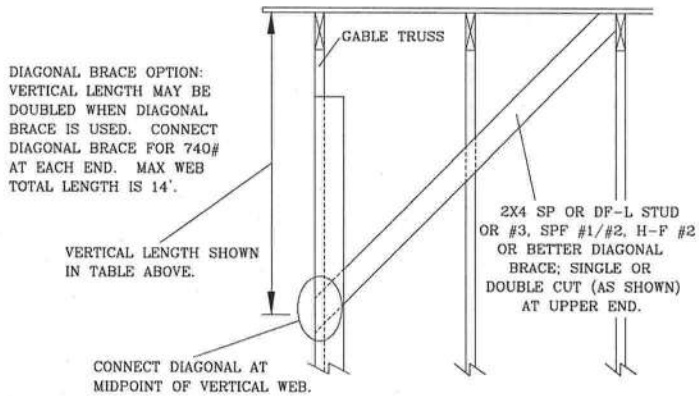
SOUTHERN PINE
#3
STUD
STANDARD

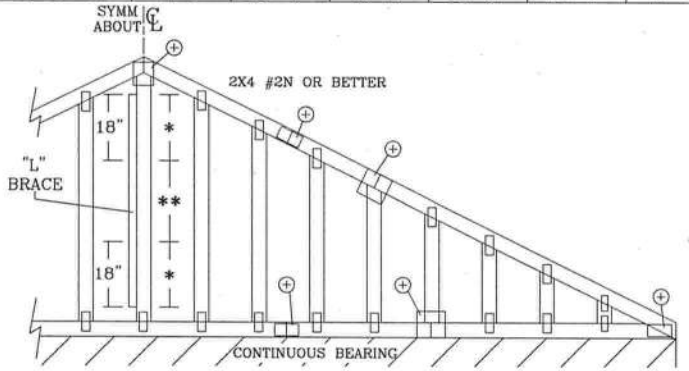
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#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 105 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' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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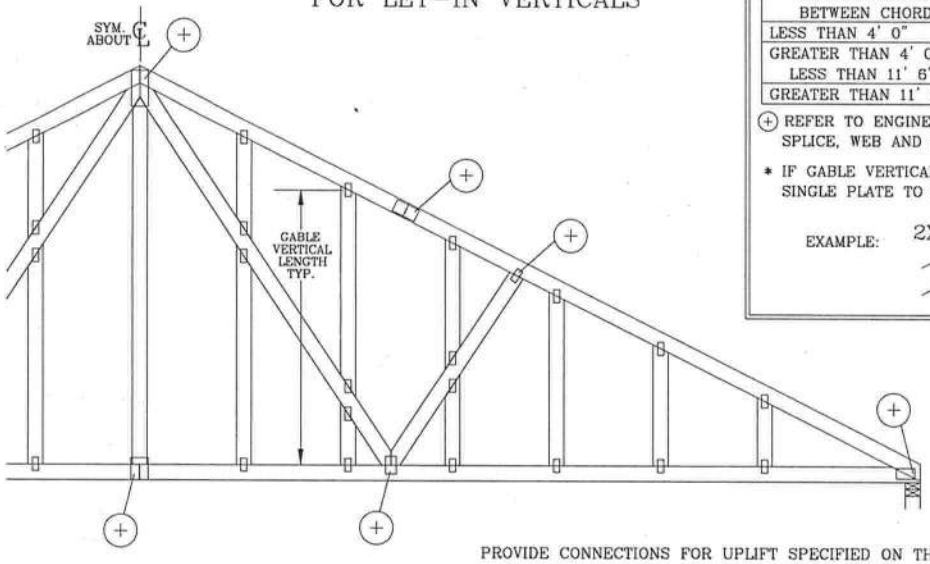
DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 11 08

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB12015
DATE	2/23/07
DRWG	A12015EE0207
	-ENG

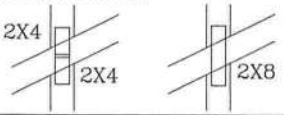
GABLE DETAIL
FOR LET-IN VERTICALS

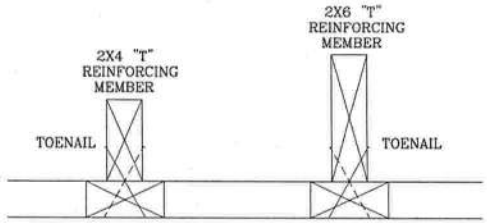


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE: 



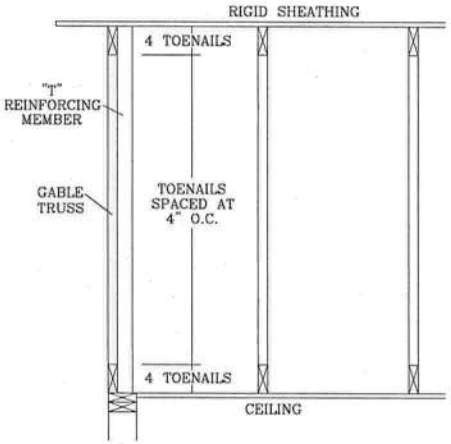
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	5Q %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:
ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207
ASCE 7-05 GABLE DETAIL DRAWINGS
A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207, A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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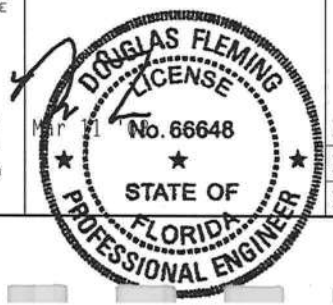


MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLLETIN0207
-ENG	DLJ/KAR

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' 8"	11' 8"
	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"	6' 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' 5"	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"	5' 2"	6' 10"	6' 10"	9' 2"	9' 2"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 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' 6"	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' 5"	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' 8"	13' 8"	14' 0"	14' 0"
		STANDARD	4' 2"	5' 11"	5' 11"	7' 10"	7' 10"	10' 5"	10' 5"	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' 5"	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' 8"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 1"	7' 1"	8' 9"	9' 2"	10' 5"	10' 11"	13' 8"	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

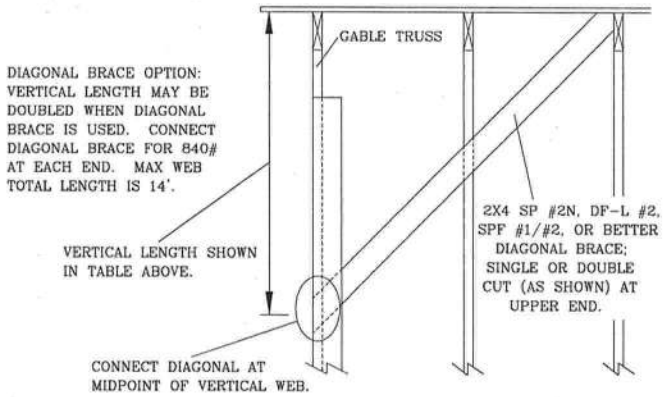
SOUTHERN PINE
#3
STUD
STANDARD

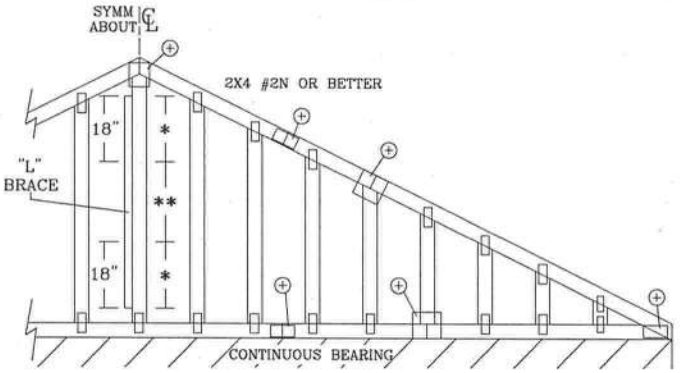
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#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 135 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' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 11 '08

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB13015
DATE	2/23/07
DRWG	A13015EE0207
-ENG	

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

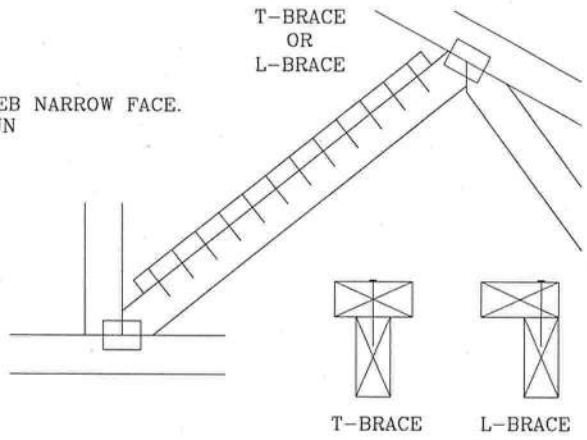
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

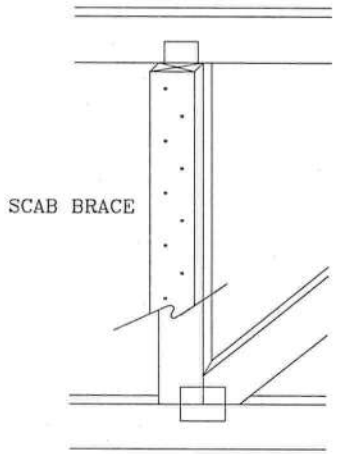
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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Mar 1 '07

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	PSF	REF CLB SUBST.
TC DL	PSF	DATE 2/23/07
BC DL	PSF	DRWG BRCLBSUB0207
BC LL	PSF	-ENG MLH/KAR
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d COMMON (0.162"X 3.5",MIN) NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

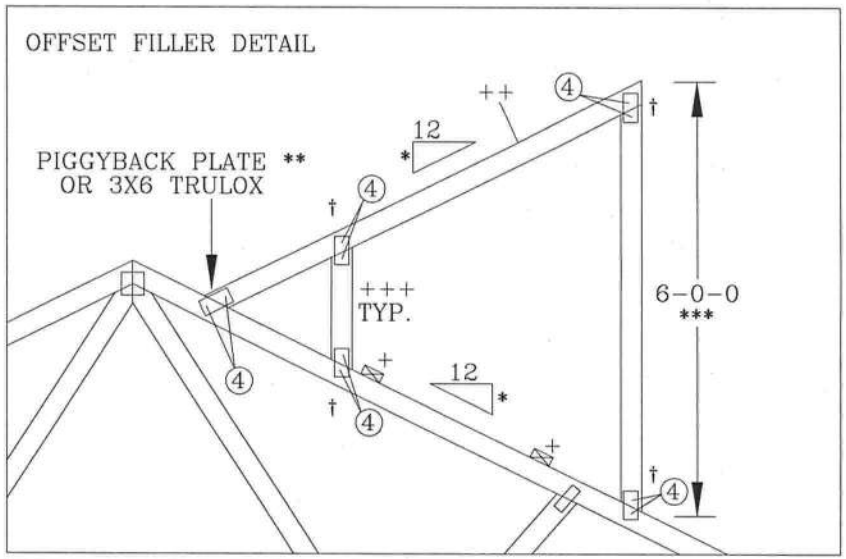
** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

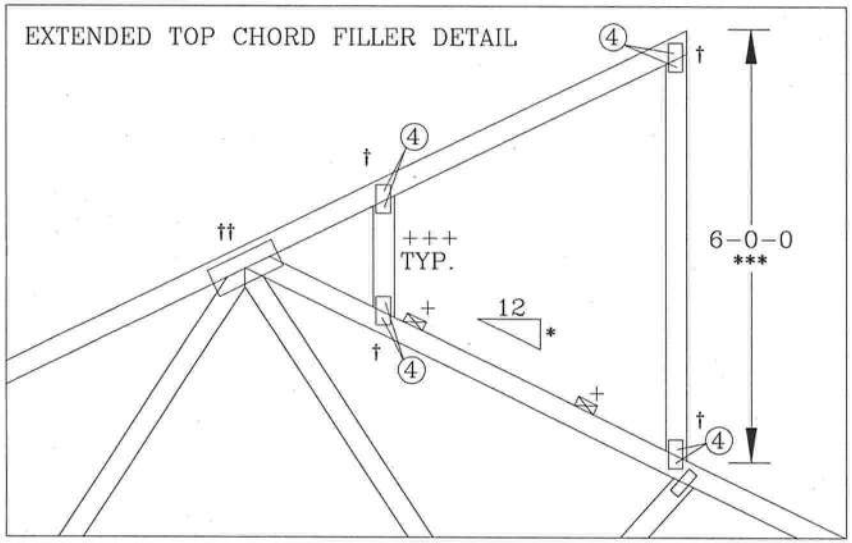
*** 6'0" MAXIMUM HEIGHT.

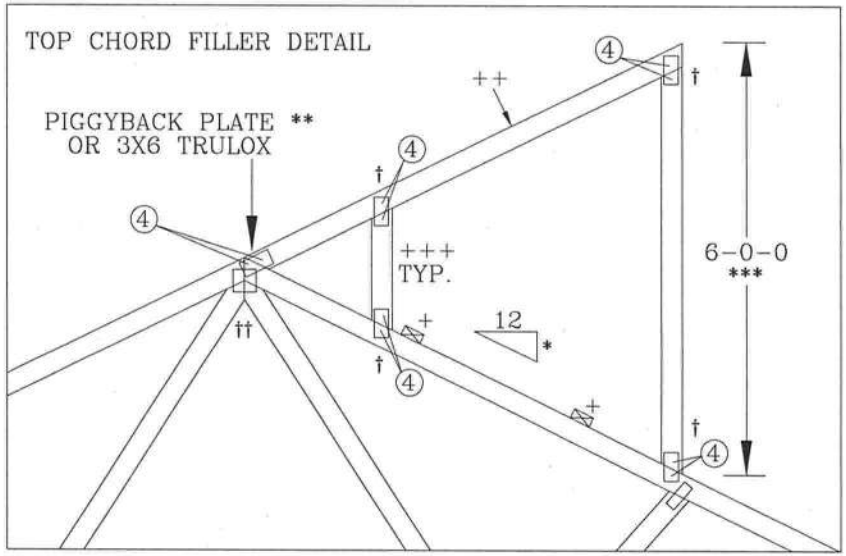
† W2X4 OR 3X6 TRULOX.

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

0.120"X 1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS







THIS DRAWING REPLACES DRAWING 884,080

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 31 '08

TC LL	MAX 30	PSF	REF TC-FILLER
TC DL	MAX 15	PSF	DATE 2/23/07
BC DL	MAX 10	PSF	DRWG TCFILLER0207
BC LL	0	PSF	-ENG SJP/KAR
TOT. LD.	MAX 55	PSF	
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

BOTTOM CHORD FILLER DETAIL

* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

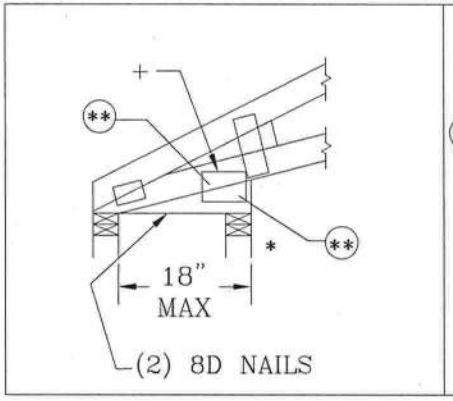
\+ 3X4 WAVE OR 4X8 TRULOX

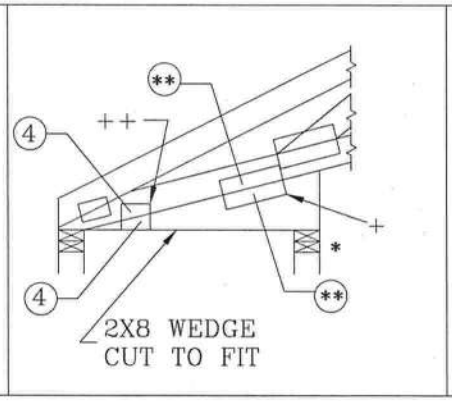
++ 2X4 WAVE OR 3X6 TRULOX

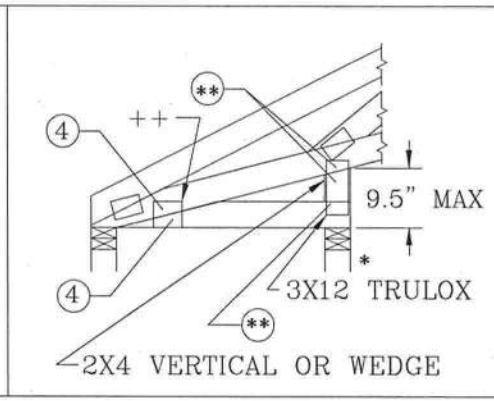
REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

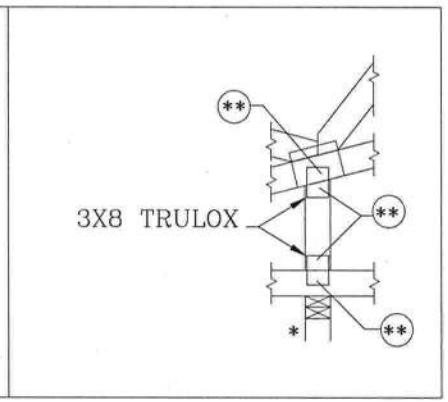
ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6









THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAR 11 '08

TC LL	—	PSF	REF BC FILLER
TC DL	—	PSF	DATE 2/23/07
BC DL	10.0	PSF	DRWG BCFILLER0207
BC LL	—	PSF	-ENG DLJ/KAR
TOT. LD.	—	PSF	
DUR. FAC. 1.0/1.15/1.25/1.33			
SPACING 24.0"			

BOTTOM CHORD FILLER REPAIR

RECOMMENDED REPAIR PROCEDURE

1. MEASURE DISTANCE FOR NEW LENGTH OF FILLER.
2. APPLY NEW 2X4 STUD GRADE OR BETTER VERTICAL SCAB TO BOTTOM CHORD AND FILLER WITH (3) NAILS 0.131" DIA. x 3.0" OR LARGER, (I.E. 10d OR 16d COMMON, SINKER, GUN, OR 16d BOX NAILS) TO EACH END OF VERTICAL.
3. CAREFULLY REMOVE EFFECTED CONNECTOR PLATES. USE CARE NOT TO DAMAGE THE REMAINING CONNECTOR PLATES OR LUMBER IN ANY WAY.
4. TRIM FILLER TO LENGTH, AT EDGE OF NEW VERTICAL SCAB.

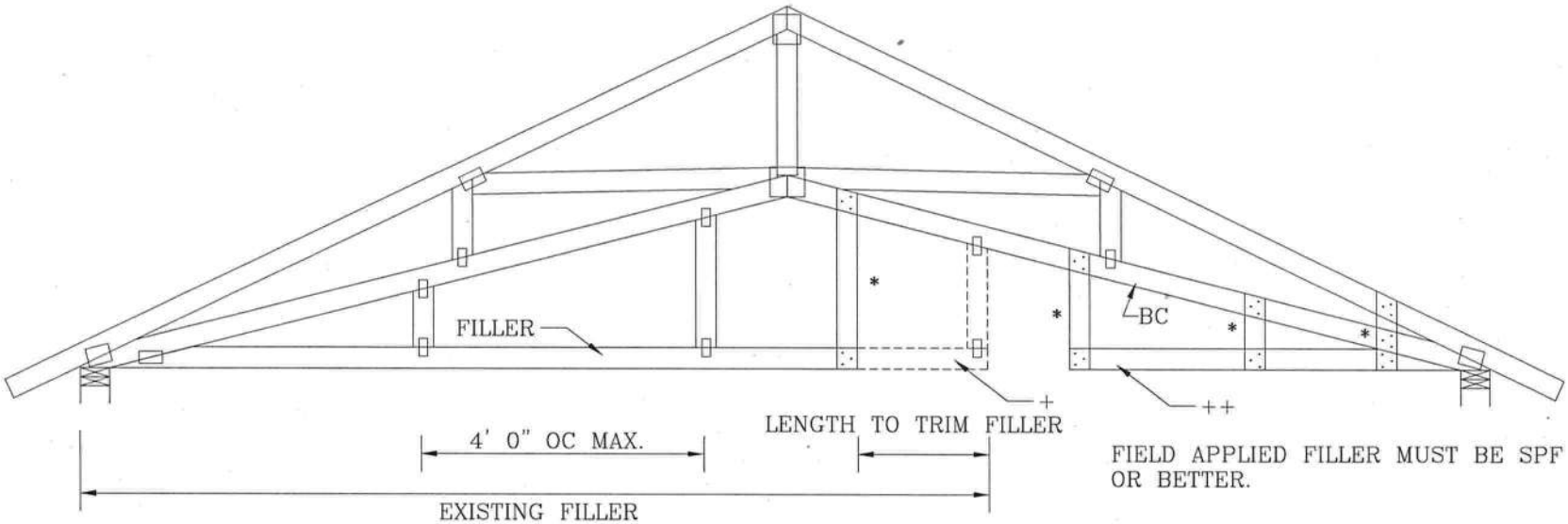
MAXIMUM BOTTOM CHORD LOAD IS 10 PSF.

\+ BOTTOM CHORD FILLER TO BE REMOVED. SEE NOTE #3.

++ FIELD APPLIED FILLER.

* 2X4 STUD GRADE OR BETTER VERTICAL SCAB. ATTACH TO BOTTOM CHORD AND FILLER WITH (3) NAILS WITH A MIN. 0.131" DIA. X 3.0" LENGTH.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR ALLOWABLE FILLER DIMENSIONS, PLACEMENT, AND WEBBING.



FIELD APPLIED FILLER MUST BE SPF #3 OR BETTER.

THIS DRAWING REPLACES DRAWING 962,767

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

REF	BC FILLER REP.
DATE	2/23/07
DRWG	REPBCFIL0207
-ENG	MLH/KAR

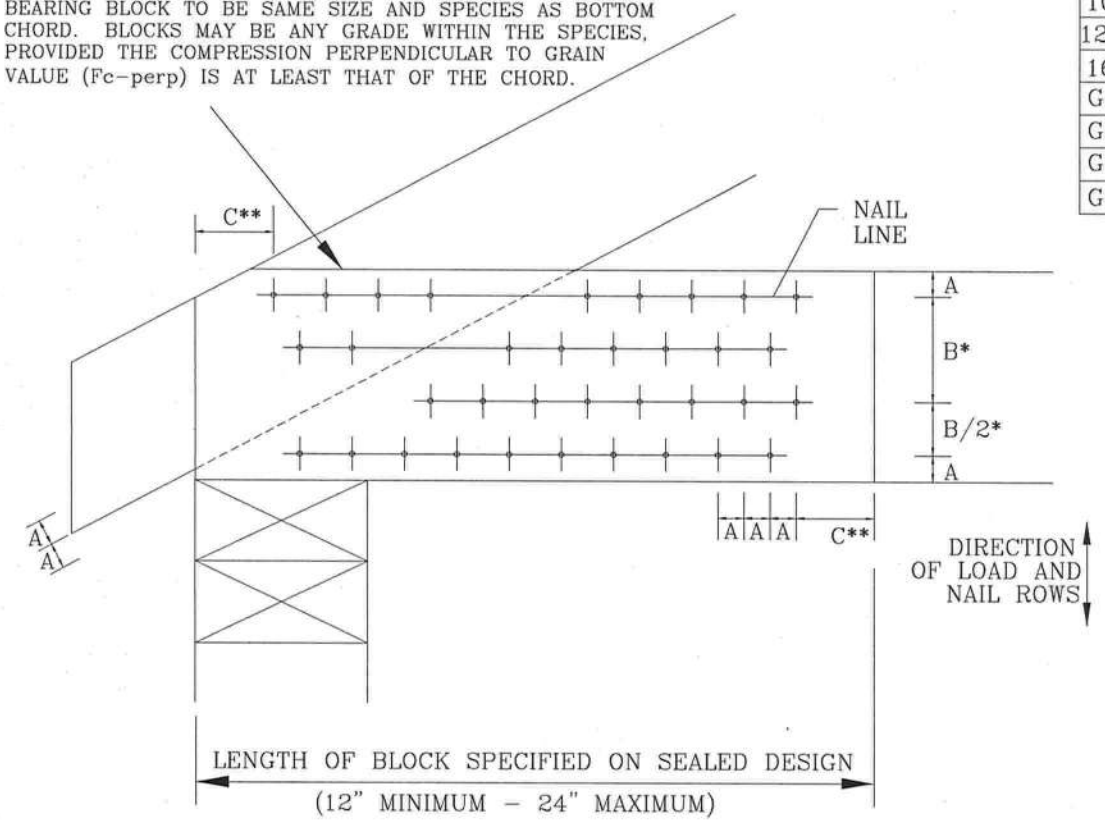
BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

A – EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
B – SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
C – END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
- • SPACING MAY BE REDUCED BY 50%
- •• SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc–perp) IS AT LEAST THAT OF THE CHORD.



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE 2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"X 2.5",MIN)	3	6	9	12	15
10d BOX (0.128"X 3.",MIN)	3	5	7	10	12
12d BOX (0.128"X 3.25",MIN)	3	5	7	10	12
16d BOX (0.135"X 3.5",MIN)	3	5	7	10	12
20d BOX (0.148"X 4.",MIN)	2	4	5	6	8
8d COMMON (0.131"X 2.5",MIN)	3	5	7	10	12
10d COMMON (0.148"X 3.",MIN)	2	4	6	8	10
12d COMMON (0.148"X 3.25",MIN)	2	4	6	8	10
16d COMMON (0.162"X 3.5",MIN)	2	4	6	8	10
GUN (0.120"X 2.5",MIN)	3	6	8	11	14
GUN (0.131"X 2.5",MIN)	3	5	7	10	12
GUN (0.120"X 3.",MIN)	3	6	8	11	14
GUN (0.131"X 3.",MIN)	3	5	7	10	12

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES A	B*	C**
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"
10d COMMON (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X 3.5",MIN)	1'	2"	2 1/2"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"
GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"
GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	2"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

ALPINE
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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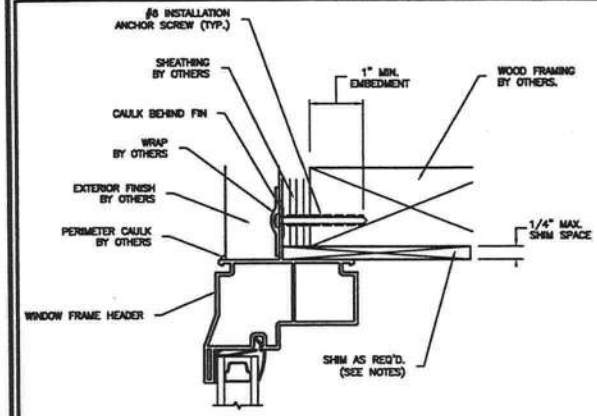
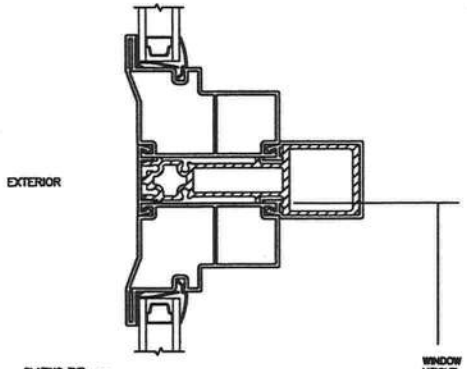
DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 11 '08

REF	BEARING BLOCK
DATE	2/23/07
DRWG	CNBRGBLK0207
-ENG	SJP/KAR

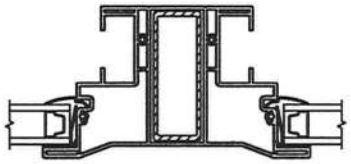


NOTES:
HORIZONTAL MULLION LOAD CAPACITIES

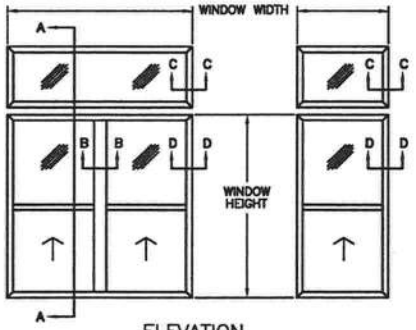
MULL SPAN> WDW. HGT.V	24.000	36.000	48.000	60.000	72.000	84.000	96.000	108.000
36.000	1656	491	215	117	72	44	27	18
48.000	1656	491	207	108	65	40	25	16
54.000	1656	491	207	107	64	39	24	15
60.000	1656	491	207	106	62	38	23	15
66.000	1656	491	207	106	62	37	22	14
72.000	1656	491	207	106	61	36	22	14
78.000	1656	491	207	106	61	36	21	14
84.000	1656	491	207	106	61	36	21	14
90.000	1656	491	207	106	61	36	21	13
96.000	1656	491	207	106	61	36	21	13



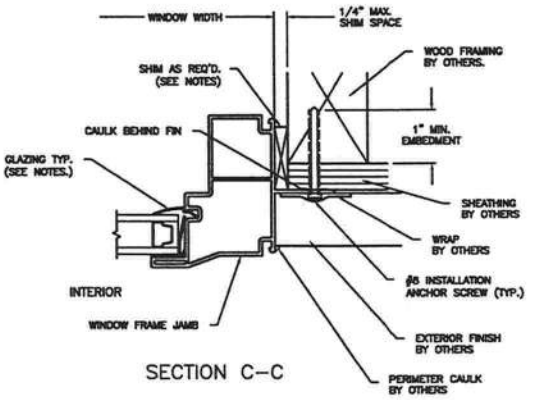
SECTION A–A



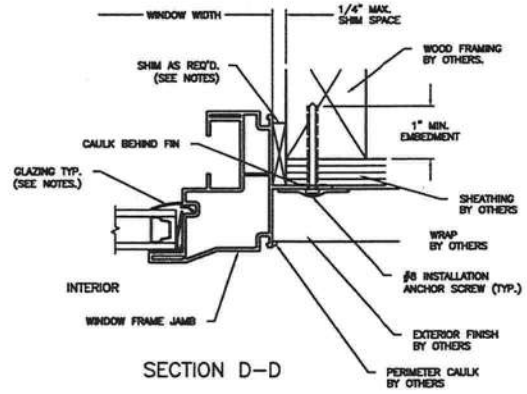
SECTION B–B



ELEVATION
VIEWED FROM EXTERIOR



SECTION C–C

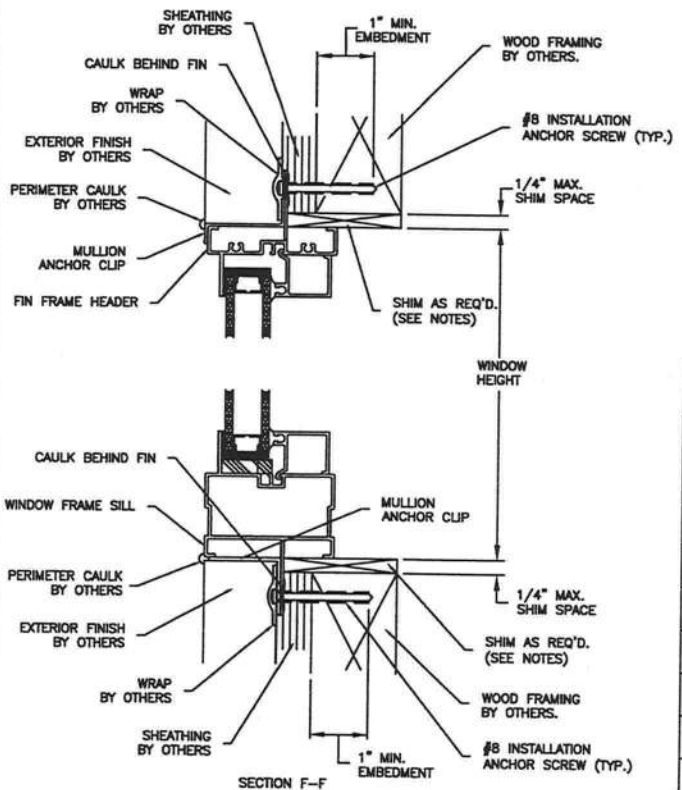


SECTION D–D

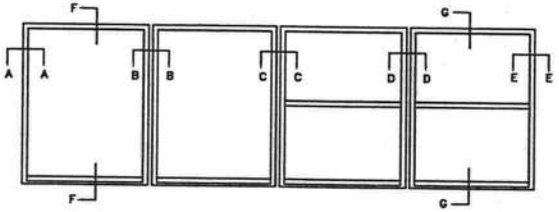
NOTES:
1) SHIM AS REQ'D AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4". SHIM WHERE SPACE OF 1/16" OR GREATER IS PRESENT.
2) WINDOW FRAME MATERIAL: POLYVINYL CHLORIDE.
3) INSTALLATION ANCHORS, #8 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. SPACE. INSTALLATION ANCHORS AT 6" MAX. FROM CORNERS AND MAX. 24" O.C.
4) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
5) USE LATEX CAULK BEHIND WINDOW FIN.
6) GLASS THICKNESS MAY VERY PER REQUIREMENTS OF ASTM E1300.
7) JORDAN WINDOW SERIES 8500 CONTINUOS HEAD & SILL AND SINGLE HUNG STACKED OVER SERIES 8900 PICTURE WINDOWS ARE SHOWN.
8) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE. DESIGN PRESSURE CAPACITY OF WINDOW & INSTALLATION IS 40.0 PSF.

JORDAN
P.O. BOX 18377
MEMPHIS, TN. 38118
PHONE (901) 363-2121

DESCRIPTION	8500 HORIZONTAL MULL INSTALLATION DETAIL
FILE NAME	8500 HORIZONTAL MULL INSTALLATION DETAIL
DATE	5-14-02
DRAWN BY	CLIFF SIMMONS



SECTION F–F



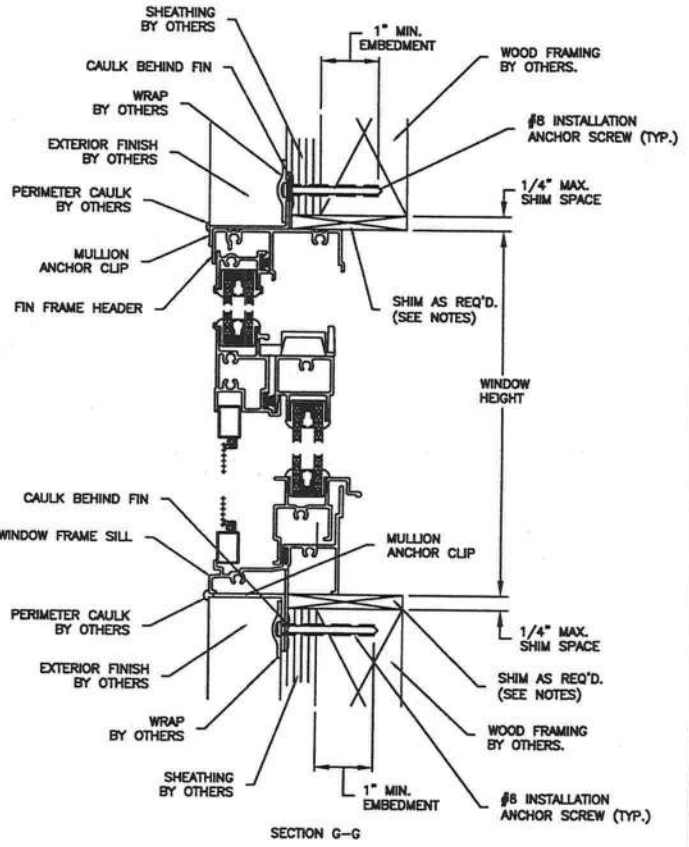
SERIES 800 OR 2800 FIXED WINDOW

SERIES 2112 OR 2312 SINGLE HUNG WINDOW

ELEVATION
VIEWED FROM EXTERIOR

NOTES:
VERTICAL MULLION LOAD CAPACITIES

WDW.WTH.> WDW. HGT.V	24.000	30.000	36.000	42.000	48.000	54.000
24.000	1599	1599	1599	1599	1599	1599
30.000	853	819	819	819	819	819
36.000	533	487	474	474	474	474
42.000	365	325	305	298	298	298
48.000	266	233	213	203	200	200
54.000	203	175	158	148	142	140
60.000	160	136	122	112	107	103
66.000	129	109	97	89	83	80
72.000	107	90	79	72	67	63
84.000	70	58	51	46	42	39
96.000	46	38	33	29	27	25



SECTION G–G

NOTES:
1) SHIM AS REQ'D AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4". SHIM WHERE SPACE OF 1/16" OR GREATER IS PRESENT.
2) WINDOW FRAME MATERIAL: ALUMINUM ALLOY 6063.
3) INSTALLATION ANCHORS @ HEAD & JAMBS MUST BE #8 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. SPACE. INSTALLATION ANCHORS AT 6" MAX. FROM CORNERS AND MAX. 24" O.C.
4) MULLION ANCHOR CLIPS ARE SECURED TO MULLION USING FOUR #8 X 3/4 SCREWS. CLIP IS SECURED TO CONSTRUCTION USING SAME INSTALLATION ANCHORS THAT SECURE NAILING FIN.
5) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
6) USE LATEX CAULK BEHIND WINDOW FIN.
7) GLASS THICKNESS MAY VERY PER REQUIREMENTS OF ASTM E1300.
8) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE. DESIGN PRESSURE CAPACITY OF WINDOW & INSTALLATION IS 50.0 PSF.

SHEET 1 OF 2

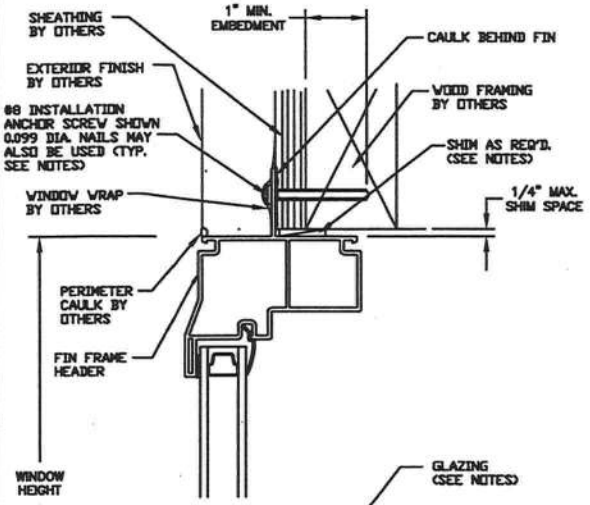
JORDAN
P.O. BOX 18377
MEMPHIS, TN. 38118
PHONE (901) 363-2121

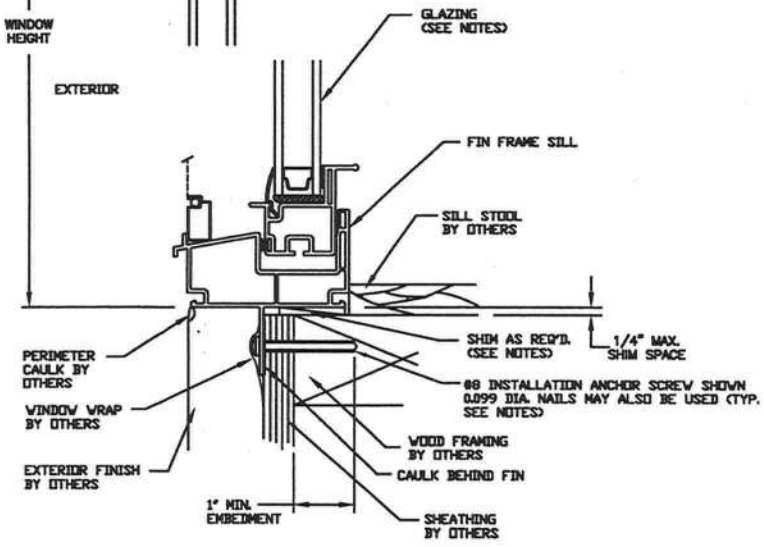
DESCRIPTION: VERTICAL MULL INSTALLATION DETAIL

FILE NAME: VERTICAL MULL INSTALLATION DETAIL

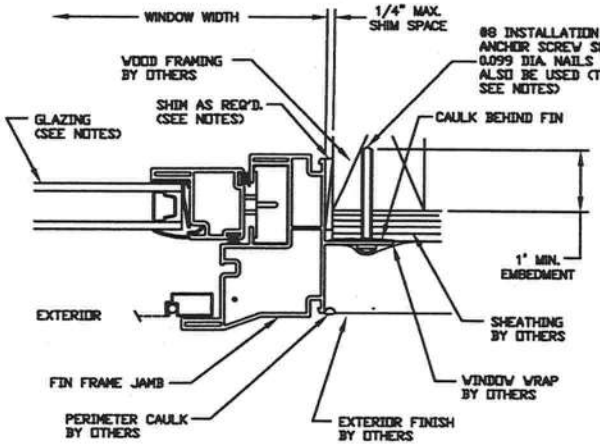
DATE: 4-26-02

DRAWN BY: CLIFF SIMMONS

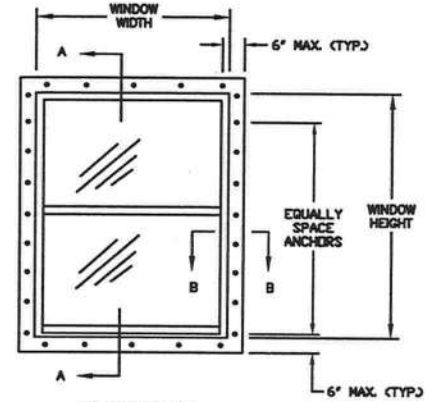




SECTION A–A



SECTION B–B



ELEVATION
VIEWED FROM EXTERIOR

COMPARATIVE ANALYSIS & ANCHOR CHART						
WINDOW SIZE (INCHES)	DESIGN PRESSURE CAPACITY IN PSF		NO. OF #8 SCREWS REQ'D. IN FRAME		NO. OF 0.090 DIA. NAILS REQ'D. IN FRAME	
WIDTH/HEIGHT	EXTERIOR	INTERIOR	HEAD & SILL	@ EA. JAMB	HEAD & SILL	@ EA. JAMB
23-5/8 X 35-5/8	50	167	2	2	4	7
23-5/8 X 43-5/8	50	145	2	3	3	8
23-5/8 X 47-5/8	50	137	2	3	3	9
23-5/8 X 51-5/8	50	127	2	3	3	9
23-5/8 X 59-5/8	50	109	2	3	3	9
23-5/8 X 71-1/2	50	88	2	4	3	10
27-5/8 X 35-5/8	50	140	2	2	4	7
27-5/8 X 43-5/8	50	126	2	3	4	8
27-5/8 X 47-5/8	50	119	2	3	4	9
27-5/8 X 51-5/8	50	112	2	3	3	9
27-5/8 X 59-5/8	50	100	2	3	3	9
27-5/8 X 71-1/2	50	84	2	4	3	10
29-5/8 X 35-5/8	50	129	2	2	4	7
29-5/8 X 43-5/8	50	114	2	3	4	8
29-5/8 X 47-5/8	50	111	2	3	4	9
29-5/8 X 51-5/8	50	106	2	3	4	9
29-5/8 X 59-5/8	50	95	2	3	3	9
29-5/8 X 71-1/2	50	81	2	4	3	10
31-5/8 X 35-5/8	50	119	2	2	5	7
31-5/8 X 43-5/8	50	106	2	3	4	8
31-5/8 X 47-5/8	50	103	2	3	4	9
31-5/8 X 51-5/8	50	99	2	3	4	9
31-5/8 X 59-5/8	50	90	2	3	4	9
31-5/8 X 71-1/2	50	77	2	4	3	10
35-5/8 X 35-5/8	50	103	2	2	5	7
35-5/8 X 43-5/8	50	91	2	3	5	8
35-5/8 X 47-5/8	50	90	2	3	4	9
35-5/8 X 51-5/8	50	87	2	3	4	9
35-5/8 X 59-5/8	50	81	2	3	4	9
35-5/8 X 71-1/2	50	71	2	4	4	10
39-5/8 X 35-5/8	50	91	3	2	5	7
39-5/8 X 43-5/8	50	80	3	3	5	8
39-5/8 X 47-5/8	50	78	3	3	5	9
39-5/8 X 51-5/8	50	76	3	3	5	9
39-5/8 X 59-5/8	50	73	3	3	5	9
39-5/8 X 71-1/2	50	65	3	4	4	10
43-5/8 X 35-5/8	50	86	3	2	6	7
43-5/8 X 43-5/8	50	71	3	3	5	8
43-5/8 X 47-5/8	50	69	3	3	5	9
43-5/8 X 51-5/8	50	69	3	3	5	9
43-5/8 X 59-5/8	50	66	3	3	5	9
43-5/8 X 71-1/2	50	65	3	4	5	10

NOTES:
1) SHIM AS REQ'D. AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4". APPLY SHIM WHERE SPACE OF 1/16" OR GREATER IS PRESENT.
2) WINDOW FRAME MATERIAL: POLYVINYL CHLORIDE
3) INSTALLATION ANCHORS, #8 SCREW & .099 DIA. NAILS. #8 SCREWS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. USE INSTALLATION ANCHOR CHART FOR NUMBER OF ANCHORS REQD.
4) IF EXACT WINDOW SIZE IS NOT LISTED USE NEXT LARGER SIZE IN THE INSTALLATION CHART FOR NUMBER OF ANCHORS REQD.
5) USE CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
6) USE CAULK BEHIND WINDOW FIN.
7) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
8) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE AT THE DESIGN PRESSURES INDICATED ON THE COMPARATIVE ANALYSIS & ANCHOR CHART.

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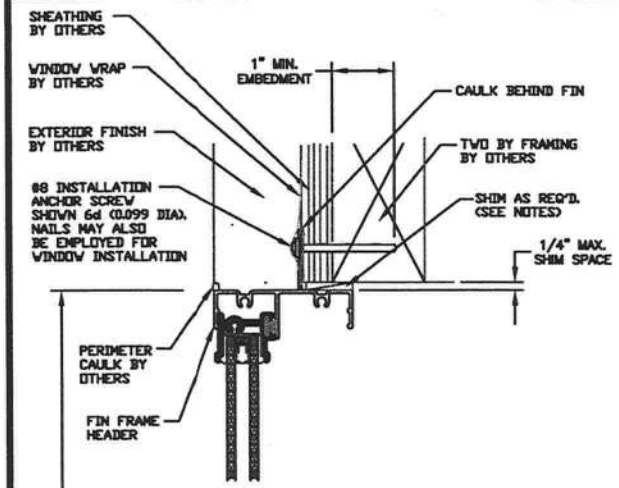
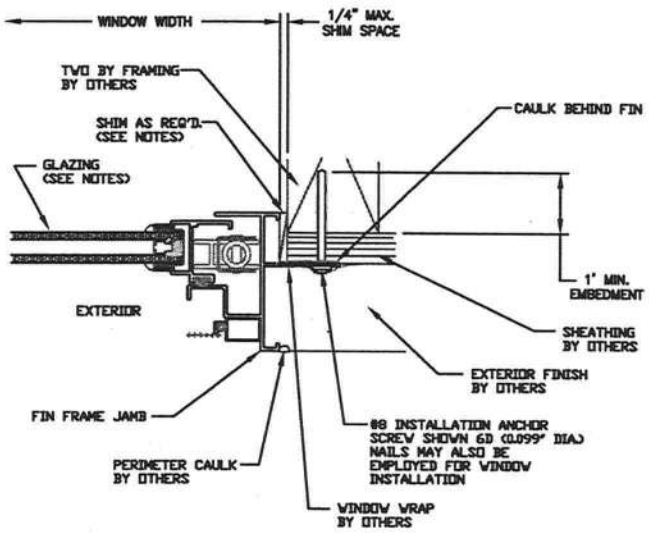
DESCRIPTION: SERIES 8600 SINGLE HUNG INSTALLATION DETAIL

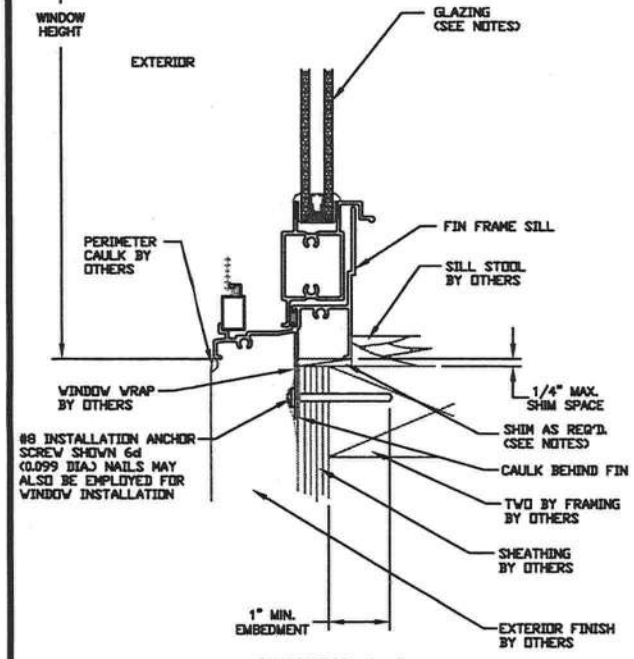
DATE	FILE NAME	DRAWN BY
12/19/02	JRDN0036	BB

PREPARED BY: PRODUCT TECHNOLOGY CORP., 1329 LOUISIANA AVE., SUITE 6, WINTER PARK, FLORIDA 32789 PHONE 407 628-4334 FAX 407 628-4335

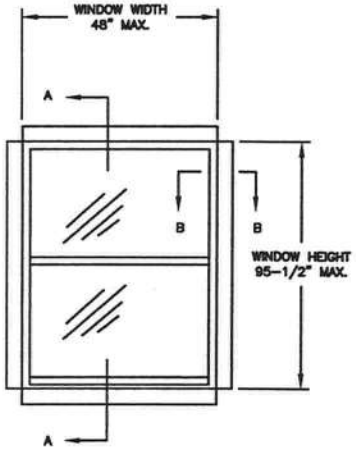




SECTION B–B



SECTION A–A



EXTERIOR ELEVATION

COMPARATIVE ANALYSIS & ANCHOR CHART						
WINDOW SIZE (INCHES)	DESIGN PRESSURE CAPACITY IN PSF		NO. OF #8 SCREWS REQ'D. IN FRAME		NO. OF 6d 0.090 DIA. NAILS REQ'D. IN FRAME	
WIDTH/HEIGHT	EXTERIOR	INTERIOR	HEAD & SILL	@ EA. JAMB	HEAD & SILL	@ EA. JAMB
23-1/2 X 35-1/2	121	121	2	3	3	5
23-1/2 X 43-1/2	112	112	2	3	3	6
23-1/2 X 47-1/2	104	104	2	3	3	7
23-1/2 X 51-1/2	92	92	2	3	2	7
23-1/2 X 59-1/2	81	81	2	3	2	7
23-1/2 X 71-1/2	67	67	2	4	2	7
23-1/2 X 83-1/2	54	54	2	4	2	7
23-1/2 X 95-1/2	50	50	2	5	2	8
27-1/2 X 35-1/2	99	99	2	3	3	5
27-1/2 X 43-1/2	92	92	2	3	3	6
27-1/2 X 47-1/2	86	86	2	3	3	6
27-1/2 X 51-1/2	81	81	2	3	3	6
27-1/2 X 59-1/2	72	72	2	3	2	7
27-1/2 X 71-1/2	60	60	2	4	2	7
27-1/2 X 83-1/2	52	52	2	4	2	7
27-1/2 X 95-1/2	50	50	2	5	2	8
31-1/2 X 35-1/2	83	83	2	3	3	4
31-1/2 X 43-1/2	80	80	2	3	3	5
31-1/2 X 47-1/2	75	75	2	3	3	6
31-1/2 X 51-1/2	72	72	2	3	3	6
31-1/2 X 59-1/2	64	64	2	3	3	7
31-1/2 X 71-1/2	53	53	2	4	2	7
31-1/2 X 83-1/2	50	50	2	4	2	8
31-1/2 X 95-1/2	50	50	2	5	2	9
35-1/2 X 35-1/2	71	71	2	3	4	4
35-1/2 X 43-1/2	69	69	2	3	4	5
35-1/2 X 47-1/2	68	68	2	3	3	6
35-1/2 X 51-1/2	64	64	2	3	3	6
35-1/2 X 59-1/2	56	56	2	3	3	6
35-1/2 X 71-1/2	50	50	2	4	3	7
35-1/2 X 83-1/2	50	50	2	4	3	9
35-1/2 X 95-1/2	50	50	2	5	3	10
43-1/2 X 35-1/2	53	53	3	3	4	3
43-1/2 X 43-1/2	52	52	3	3	4	4
43-1/2 X 47-1/2	52	52	3	3	4	5
43-1/2 X 51-1/2	51	51	3	3	4	5
43-1/2 X 59-1/2	50	50	3	3	4	6
43-1/2 X 71-1/2	50	50	3	4	4	8
43-1/2 X 83-1/2	50	50	3	4	4	10
43-1/2 X 95-1/2	50	50	3	5	4	12
48 X 35-1/2	50	50	3	3	4	3
48 X 43-1/2	50	50	3	3	4	4
48 X 47-1/2	50	50	3	3	5	4
48 X 51-1/2	50	50	3	3	5	5
48 X 59-1/2	50	50	3	3	5	6
48 X 71-1/2	50	50	3	4	5	8
48 X 83-1/2	50	50	3	4	5	10
48 X 95-1/2	50	50	3	5	5	13

NOTES:

1) SHIM AS REQ'D. AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4".
2) WINDOW FRAME MATERIAL: ALUMINUM ALLOY 6063.
3) WHERE #8 SCREWS ARE EMPLOYED AS INSTALLATION ANCHORS: #8 SCREWS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. SPACE INSTALLATION ANCHOR SCREWS AT 6" MAX. FROM CORNERS AND MAX. 24" O.C.
4) WHERE 6d (0.099 IN. DIA.) NAILS ARE EMPLOYED AS INSTALLATION ANCHORS: SPACE 6D NAILS AT 6" MAX. FROM CORNERS AND EQUALLY SPACED BETWEEN. NAIL QUANTITY MUST COMPLY WITH QUANTITES NOTED ON ANCHOR CHART.
5) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE ANCHOR QUANTITY LISTED WITH NEXT LARGER SIZE.
6) USE CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME BY OTHERS.
7) USE CAULK BEHIND WINDOW FIN.
8) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
9) JORDAN WINDOW & DOOR SERIES 2112 SERIES SINGLE HUNG WINDOW IS SHOWN. THIS PRINT ALSO APPLIES TO THE JORDAN WINDOW & DOOR SERIES 3112 SINGLE HUNG WINDOW.
10) DETAILS SHOW INSTALLATION WITH #8 SCREWS, USE OF 6d NAILS FOR WINDOW INSTALLATION IS ALSO ALLOWED PROVIDED USE OF NAIL QUANTITIES COMPLY WITH THE ABOVE CHART.
11) PRODUCT & INSTALLATION AS SHOWN ON THIS SHEET COMPLIES WITH THE 2002 FLORIDA BUILDING CODE AT DESIGN PRESSURES INDICATED ON COMPARITIVE ANALYSIS & ANCHOR CHART.

JORDAN
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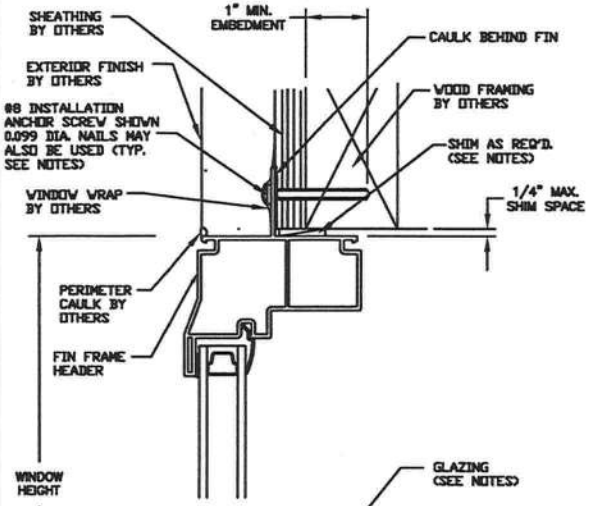
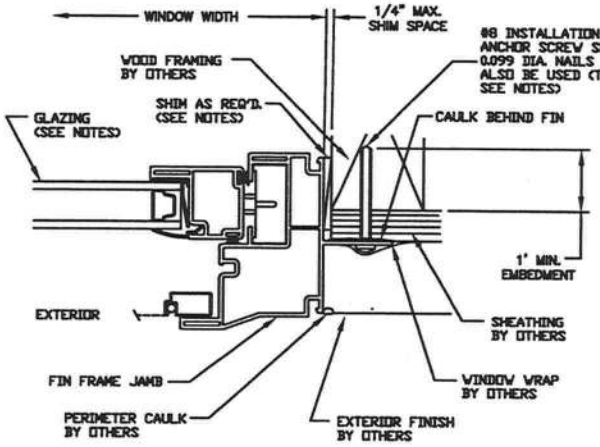
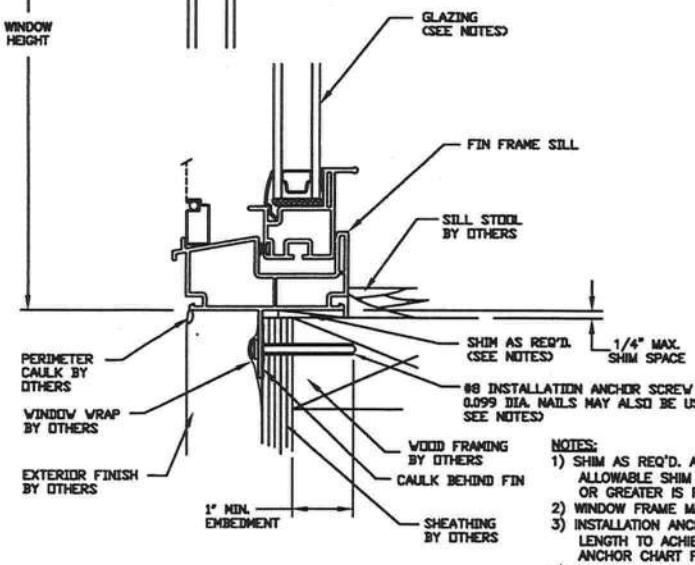
DESCRIPTION: SERIES 2112 / 2312 SINGLE HUNG INSTALLATION DETAIL

DATE: 8/12/02 | FILE NAME: JRDN0009 | DRAWN BY: BB

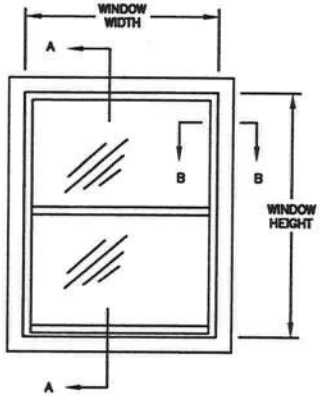
PREPARED BY: PRODUCT TECHNOLOGY CORP., 1128 LEXINGTON AVE., SUITE 6, WINTER PARK, FLORIDA 32789 PHONE 407 628-5334 FAX 407 628-5335







SECTION A–A



ELEVATION
VIEWED FROM EXTERIOR

NOTES:
1) SHIM AS REQ'D. AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4". APPLY SHIM WHERE SPACE OF 1/16" OR GREATER IS PRESENT.
2) WINDOW FRAME MATERIAL: POLYVINYL CHLORIDE
3) INSTALLATION ANCHORS, #8 SCREW & .099 DIA. NAILS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. USE INSTALLATION ANCHOR CHART FOR NUMBER OF ANCHORS REQD.
4) IF EXACT WINDOW SIZE IS NOT LISTED USE NEXT LARGER SIZE IN THE INSTALLATION CHART FOR NUMBER OF ANCHORS REQD.
5) USE CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
6) USE CAULK BEHIND WINDOW FIN.
7) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
8) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE AT THE DESIGN PRESSURES INDICATED ON THE COMPARATIVE ANALYSIS & ANCHOR CHART.

COMPARATIVE ANALYSIS & ANCHOR CHART						
WINDOW SIZE (INCHES)	DESIGN PRESSURE CAPACITY IN PSF		NO. OF #8 SCREWS REQ'D. IN FRAME		NO. OF 0.090 DIA. NAILS REQ'D. IN FRAME	
WIDTH/HEIGHT	EXTERIOR	INTERIOR	HEAD & SILL	@ EA. JAMB	HEAD & SILL	@ EA. JAMB
23-5/8 X 35-5/8	40	120	2	3	3	5
23-5/8 X 43-5/8	40	106	2	3	3	6
23-5/8 X 47-5/8	40	98	2	3	3	6
23-5/8 X 51-5/8	40	91	2	3	3	6
23-5/8 X 59-5/8	40	80	2	4	3	7
23-5/8 X 71-5/8	40	66	2	4	3	7
23-5/8 X 81	40	56	2	4	3	7
27-5/8 X 35-5/8	40	99	2	3	3	5
27-5/8 X 43-5/8	40	91	2	3	3	6
27-5/8 X 47-5/8	40	86	2	3	3	6
27-5/8 X 51-5/8	40	81	2	3	3	6
27-5/8 X 59-5/8	40	71	2	4	3	7
27-5/8 X 71-5/8	40	60	2	4	3	7
27-5/8 X 81	40	53	2	4	3	7
29-5/8 X 35-5/8	40	90	2	3	3	4
29-5/8 X 43-5/8	40	85	2	3	3	6
29-5/8 X 47-5/8	40	81	2	3	3	6
29-5/8 X 51-5/8	40	75	2	3	3	6
29-5/8 X 59-5/8	40	67	2	4	3	7
29-5/8 X 71-5/8	40	56	2	4	3	7
29-5/8 X 81	40	50	2	4	3	7
31-5/8 X 35-5/8	40	83	2	3	3	4
31-5/8 X 43-5/8	40	79	2	3	3	5
31-5/8 X 47-5/8	40	75	2	3	3	6
31-5/8 X 51-5/8	40	71	2	3	3	6
31-5/8 X 59-5/8	40	63	2	4	3	7
31-5/8 X 71-5/8	40	53	2	4	3	7
31-5/8 X 81	40	47	2	4	3	7
35-5/8 X 35-5/8	40	70	3	3	4	4
35-5/8 X 43-5/8	40	69	3	3	4	5
35-5/8 X 47-5/8	40	67	3	3	4	6
35-5/8 X 51-5/8	40	61	3	3	3	6
35-5/8 X 59-5/8	40	56	3	4	3	6
35-5/8 X 71-5/8	40	46	3	4	3	7
35-5/8 X 81	40	42	3	4	3	7
39-5/8 X 35-5/8	40	61	3	3	4	3
39-5/8 X 43-5/8	40	60	3	3	4	4
39-5/8 X 47-5/8	40	58	3	3	4	5
39-5/8 X 51-5/8	40	56	3	3	4	5
39-5/8 X 59-5/8	40	51	3	4	3	6
39-5/8 X 71-5/8	40	43	3	4	3	7
39-5/8 X 81	40	40	3	4	3	7
43-5/8 X 35-5/8	40	53	3	3	4	3
43-5/8 X 43-5/8	40	52	3	3	4	4
43-5/8 X 47-5/8	40	51	3	3	4	5
43-5/8 X 51-5/8	40	49	3	3	4	5
43-5/8 X 59-5/8	40	45	3	4	3	6
43-5/8 X 71-5/8	40	40	3	4	3	7
43-5/8 X 81	40	40	3	4	3	8
44 X 35-5/8	49	52	3	3	4	3
44 X 43-5/8	40	51	3	3	4	4
44 X 47-5/8	40	50	3	3	4	5
44 X 51-5/8	40	48	3	3	4	5
44 X 59-5/8	40	44	3	4	3	6
44 X 71-5/8	40	40	3	4	3	7
44 X 81	40	40	3	4	3	8

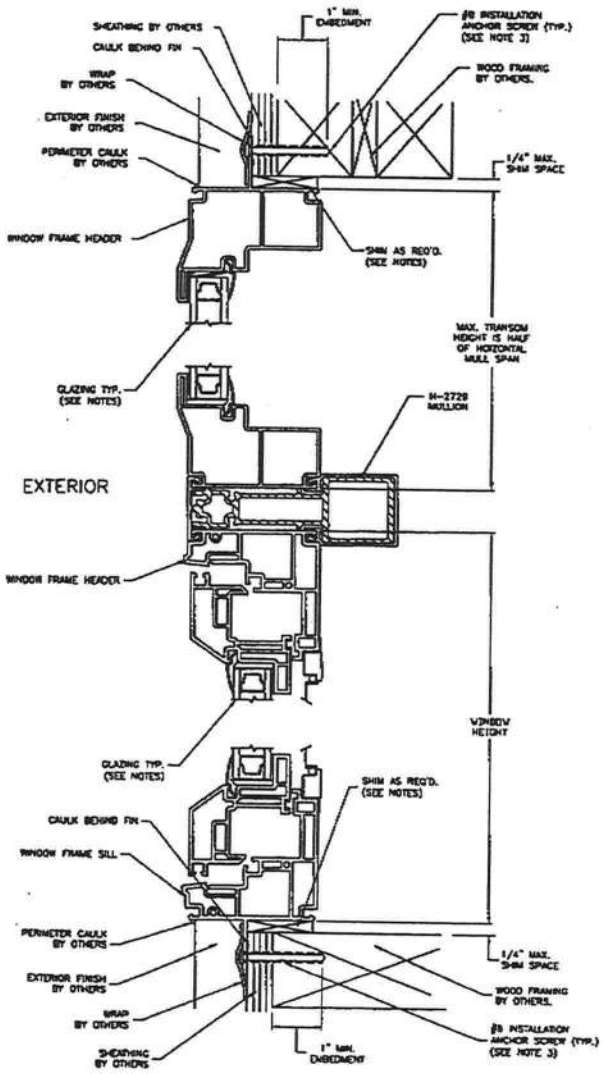
REV	DESCRIPTION	DATE
A	REVISED DP CAPACITIES & ANCHOR QNT'YS.	09-03-02

JORDAN
P.O. BOX 16377
MEMPHIS, TN. 38116
PHONE (901) 363-2121

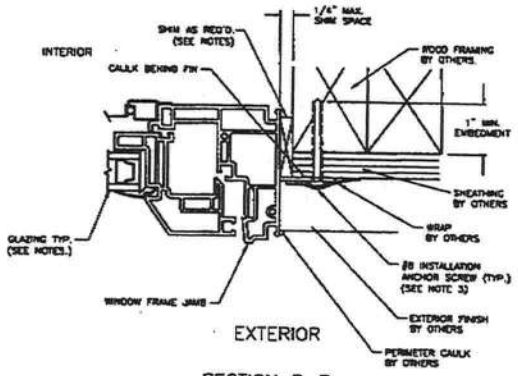
DESCRIPTION: SERIES 8500 SINGLE HUNG INSTALLATION DETAIL

DATE: 6/21/02 | FILE NAME: JRDN0025 | DRAWN BY: BB

PREPARED BY PRODUCT TECHNOLOGY CORP., 1139 LOUISIANA AVE., SUITE 6, WINTER PARK, FLORIDA 32789 PHONE 407 628-6304 FAX 407 628-6305



SECTION A-A

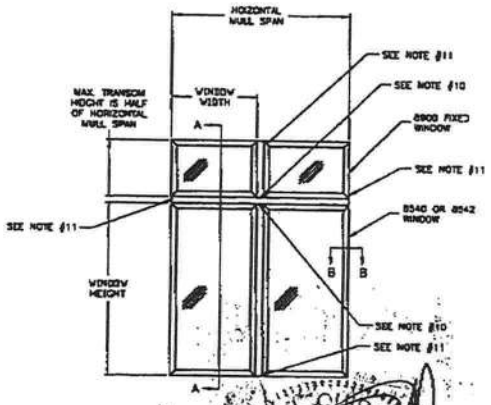


SECTION B-B

HORIZONTAL MULLION LOAD CAPACITIES

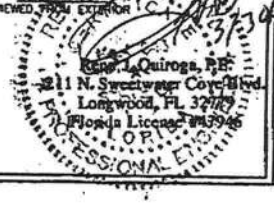
MULL SPAN> WDW. HGT.V	48.000	60.000	72.000	84.000	96.000
36.000	215	117	72	44	27
48.000	207	108	65	40	25
54.000	207	107	64	39	24
60.000	207	106	62	38	23
66.000	207	106	62	37	22
72.000	207	106	61	36	22

NOTE: SEE DRAWING JRDN1035 FOR ANCHOR QUANTITIES & DESIGN PRESSURE CAPACITIES OF WINDOWS & INSTALLATION.



ELEVATION VIEWED FROM EXTERIOR

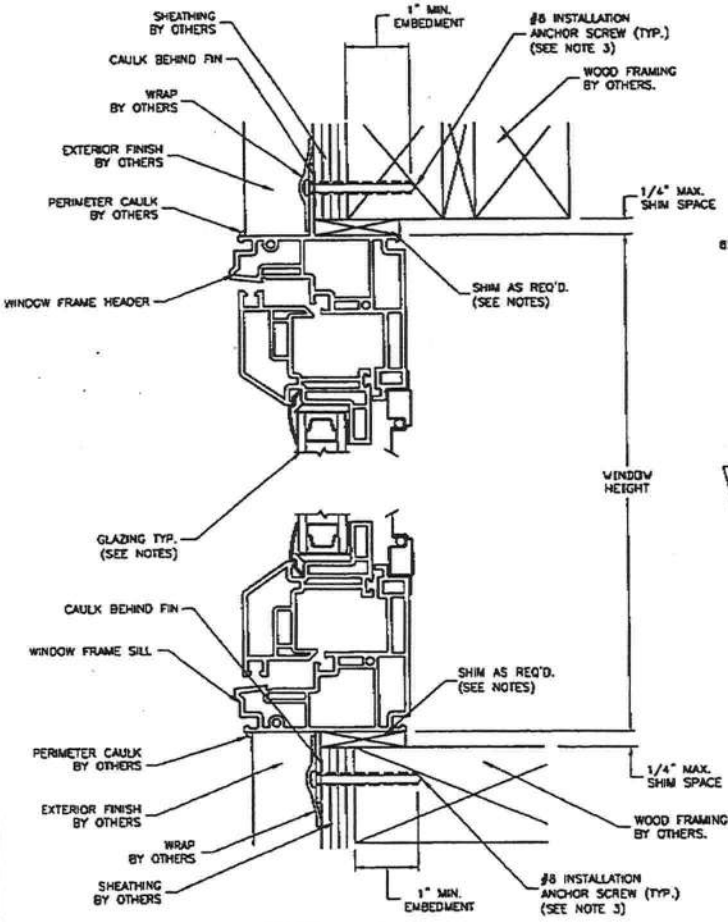
NOTES:
1) WINDOW MATERIAL: POLYVINYL CHLORIDE
2) SHIM AS REQ'D. AT EA. SET OF INSTALLATION ANCHORS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS.
3) #8 INSTALLATION SCREW OR 0.099 DIA. NAIL. ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD SUBSTRATE.
4) USE LATEX CAULK BEHIND WINDOW FIN.
5) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
6) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
7) JORDAN SERIES 8540 CASEMENT WINDOW MULLED UNDER JORDANS SERIES 8900 FIXED WINDOW IS SHOWN. DRAWING ALSO APPLIES TO JORDANS 8542 AWNING WINDOW.
8) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE.
9) VERTICAL MULLION CLIPS ARE SECURED TO THE HORIZONTAL MULLION WITH (4) #8 X 3/4" SCREWS.
10) VERTICAL AND HORIZONTAL MULLION CLIPS ARE SECURED TO MULLION ENDS USING (4) #8 X 3/4" SCREWS. CLIPS ARE SECURED TO THE WOOD SUBSTRATE USING (4) #8 INSTALLATION ACHORS OF SUFFICENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1" INTO WOOD SUBSTRATE.



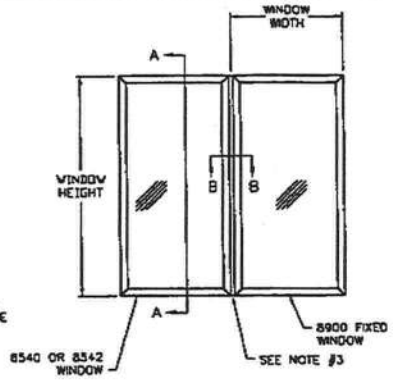
Jordan Windows & Doors
P.O. BOX 18377
MEMPHIS, TN 38118
PHONE: (901) 363-2121

FILE NAME	8540 & 8542 HORIZONTAL MULL INSTALLATION DETAIL		
DATE	DRAWN BY	DRAWING #	
3/22/04	MDN	JRDN1033	

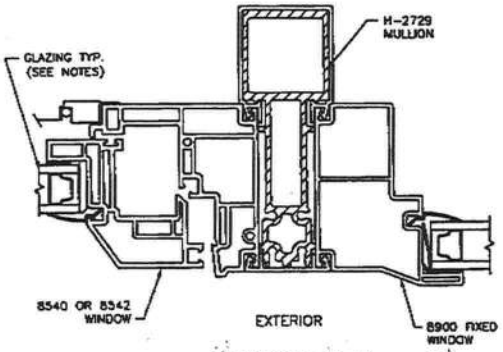
PREPARED BY: PRODUCT TECHNOLOGY CORP.; 1150 INTERNATIONAL DR.; WINTER PARK, FL.; 32789; PHONE: 407-622-6334; FAX: 407-622-6335



SECTION A-A



ELEVATION
VIEWED FROM EXTERIOR



SECTION B-B

VERTICAL MULLION LOAD CAPACITIES

WDW. WTH.> MULL SPANV	24.000	30.000	36.000	42.000	48.000
36.000	525	480	467	467	467
48.000	263	229	210	200	197
54.000	200	172	156	145	140
60.000	158	134	120	111	105
66.000	127	108	95	87	82
72.000	98	83	73	66	61

NOTE: SEE DRAWING JRDN1035 FOR ANCHOR QUANTITIES & DESIGN PRESSURE CAPACITIES OF WINDOWS & INSTALLATION.

NOTES:
1) WINDOW MATERIAL: POLYVINYL CHLORIDE
2) SHIM AS REQ'D. AT EA. SET OF INSTALLATION ANCHORS. MAX. ALLOWABLE SHIM STACK TO BE 1/4", SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS.
3) #8 INSTALLATION SCREW OR 0.099 DIA. NAIL. ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD SUBSTRATE.
4) USE LATEX CAULK BEHIND WINDOW FIN.
5) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
6) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
7) JORDAN SERIES 8540 CASEMENT WINDOW IS SHOWN. THIS DRAWING ALSO APPLIES TO JORDANS 8542 AWNING WINDOW. WINDOWS ARE MULLED TO A JORDAN 8900 FIXED WINDOW.
8) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE.
9) VERTICAL MULLION CLIPS ARE SECURED TO MULLION ENDS USING (4) #8 X 3/4" SCREWS. CLIPS ARE SECURED TO THE WOOD SUBSTRATE USING (4) #8 INSTALLATION ACHORS OF SUFFICENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1" INTO WOOD SUBSTRATE.

Jordan Windows & Doors
P.O. BOX 18377
MEMPHIS, TN 38118
PHONE: (901) 363-2121

FILE NAME: 8540 OR 8542 VERTICAL MULL TO 8900 INSTALLATION DETAIL

DATE	DRAWN BY	DRAWING #
1/14/04	MDN	JRDN1031

PREPARED BY: PRODUCT TECHNOLOGY CORP.; 1150 LOUISIANA AVE.; WINTER PARK, FL.; 32789; PHONE: 407-622-8334; FAX 407-622-8335

Product Approval
USER: Public User

FL #	FL1378-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	JORDAN WINDOWS and DOORS
Address/Phone/Email	4661 BURBANK ROAD MEMPHIS, TN 38118 (901) 866-2638 MIKE.DODDS@JORDANCOMPANY.COM
Authorized Signature	Darrel Booth Darrel.Booth@JordanCompany.com
Technical Representative	MICHAEL DODDS
Address/Phone/Email	4661 BURBANK ROAD MEMPHIS, TN 38118 (901) 363-2121 MIKE.DODDS@JORDANCOMPANY.COM
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing
Certification Agency	American Architectural Manufacturers Association
Validated By	

Referenced Standard and Year (of Standard)	**Standard**	**Year**
	AAMA/NWWDA 101/I.S. 2-97	1997

Equivalence of Product Standards Certified By

Sections from the Code 1707.4.2.1

Product Approval Method Method 1 Option A

Date Submitted 09/16/2005
Date Validated 09/16/2005
Date Pending FBC Approval 09/23/2005
Date Approved 10/11/2005

Summary of Products

FL #	Model, Number or Name	Description
1378.1	2112	FIN FRAME H-LC35=48"X96"
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Per attached manufacturers installation insructions. Not for use HVHZ		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** PTID_1378_R1_I_FL1378 Single Hung Windows.pdf Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
1378.2	2312	FIN FRAME H-LC50=48"X84"
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Per attached manufacturers installation insructions. Not for use HVHZ		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
1378.3	8500	FIN FRAME H-R40=44"X81"
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Per attached manufacturers installation insructions. Not for use HVHZ		**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
1378.4	8600	FIN FRAME H-R50=44"X72"

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Per attached manufacturers installation insructions. Not for use HVHZ	**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:
1378.5 | 8600	FIN FRAME H-R55=36"X84"(optional test size)
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Per attached manufacturers installation insructions. Not for use HVHZ	**Certification Agency Certificate** **Quality Assurance Contract Expiration Date** **Installation Instructions** Verified By: Created by Independent Third Party: **Evaluation Reports** Created by Independent Third Party:

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:

Product Approval
USER: Public User

FL #	FL6142
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Plastpro Inc. / Nanya Plastics Corp.
Address/Phone/Email	9 Peach Tree Hill Road Livingston, NJ 07039 (440) 969-9773 Ext 16 RonOConnell@plastproinc.com
Authorized Signature	Ron O'Connell RonOConnell@plastproinc.com
Technical Representative Address/Phone/Email	
Quality Assurance Representative Address/Phone/Email	
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☑ Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Wendell W. Haney
Florida License	PE-54158
Quality Assurance Entity	National Accreditation and Management Institute
Quality Assurance Contract Expiration Date	
Validated By	L.F. Schmidt, P.E.

☐ Validation Checklist - Hardcopy Received

Certificate of Independence: FL6142_R0_COI_Certificate of Independence.pdf

Referenced Standard and Year (of Standard)

Standard	Year
101/I.S. 2	1997
Accepted Engineering Practice	2004
ASTM E1300	2002

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method: Method 1 Option D

Date Submitted	02/28/2006
Date Validated	03/01/2006
Date Pending FBC Approval	03/07/2006
Date Approved	03/21/2006

Summary of Products

FL #	Model, Number or Name	Description
6142.1	a. Distinction Series	Up to 3'0 x 6'8 Single (X) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Snap Lite Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +55.0/-60.0 **Other:** See INST 6142.1 and EVAL 6142.1 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_INST 6142.1.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.1.pdf Created by Independent Third Party:
6142.2	b. Distinction Series	Up to 3'0 x 6'8 Single with Sidelite (XO or OX) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Snap Lite Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +48.0/-50.0 **Other:** See INST 6142.2 and EVAL 6142.2 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_INST 6142.2.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.2.pdf Created by Independent Third Party:
6142.3	c. Distinction Series	Up to 3'0 x 6'8 Single with Sidelites (OXO) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Snap Lite Frame
Limits of Use		**Installation Instructions**

Approved for use in HVHZ: No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +48.0/-50.0 **Other:** See INST 6142.3 and EVAL 6142.3 for any additional size and use limitations.		FL6142_R0_II_6142.3 INST.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.3.pdf Created by Independent Third Party:
6142.4	d. Distinction Series	Up to 6'0 x 6'8 Double (XX) Inswing or Outswing - Glazed Fiberglass Doors Utilizing the Snap Lite Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +47.0/-47.0 **Other:** See INST 6142.4 and EVAL 6142.4 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_INST 6142.4.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.4.pdf Created by Independent Third Party:
6142.5	e. Distinction Series	Up to 6'0 x 6'8 Double with Sidelites (OXXO) Inswing or Outswing - Glazed Fiberglass Doors Utilizing the Snap Lite Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +47.0/-47.0 **Other:** See INST 6142.5 and EVAL 6142.5 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_6142.5 INST.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.5.pdf Created by Independent Third Party:
6142.6	f. Distinction Series	Up to 3'0 x 6'8 Single (X) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Lip Lite Screw Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50.0/-50.0 **Other:** See INST 6142.6 and EVAL 6142.6 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_INST 6142.6.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.6.pdf Created by Independent Third Party:
6142.7	g. Distinction Series	Up to 3'0 x 6'8 Single with Sidelite (XO or OX) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Lip Lite Screw Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50.0/-50.0 **Other:** See INST 6142.7 and EVAL 6142.7 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_INST 6142.7.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.7.pdf Created by Independent Third Party:
6142.8	h. Distinction Series	Up to 3'0 x 6'8 Single with Sidelites (OXO) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Lip Lite Screw Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50.0/-50.0 **Other:** See INST 6142.8 and EVAL 6142.8 for		**Installation Instructions** FL6142_R0_II_INST 6142.8.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.8.pdf

any additional size and use limitations.		Created by Independent Third Party:
6142.9	i. Distinction Series	Up to 6'0 x 6'8 Double (XX) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Lip Lite Screw Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50.0/-50.0 **Other:** See INST 6142.9 and EVAL 6142.9 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_INST 6142.9.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.9.pdf Created by Independent Third Party:
6142.10	j. Distinction Series	Up to 6'0 x 6'8 Double with Sidelites (OXXO) Inswing or Outswing - Glazed Fiberglass Door Utilizing the Lip Lite Screw Frame
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50.0/-50.0 **Other:** See INST 6142.10 and EVAL 6142.10 for any additional size and use limitations.		**Installation Instructions** FL6142_R0_II_INST 6142.10.pdf Verified By: Wendell W. Haney, P.E. 54158 Created by Independent Third Party: **Evaluation Reports** FL6142_R0_AE_EVAL 6142.10.pdf Created by Independent Third Party:

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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:

NAN YA PLASTICS CORP.
PLASTPRO INC.

9 PEACH TREE HILL ROAD
LIVINGSTON, NEW JERSEY 07039

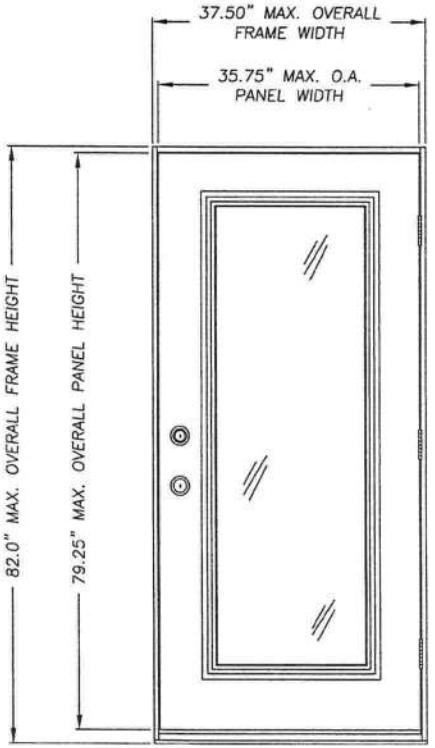
PH: 800-779-0561 FAX: 973-758-4001

DISTINCTION SERIES
3'0" x 6'8" GLAZED SINGLE FIBERGLASS DOOR INSWING / OUTSWING

GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 2004 FLORIDA BUILDING CODE EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN AREAS REQUIRING WIND–BORNE DEBRIS PROTECTION THIS PRODUCT IS REQUIRED TO BE PROTECTED WITH AN IMPACT RESISTANT COVERING THAT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE.
4. FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.

TABLE OF CONTENTS



X

SINGLE DOOR

TYPE	OVERALL FRAME DIMENSION	OVERALL DAYLIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF) POSITIVE	DESIGN PRESSURE (PSF) NEGATIVE
INSWING	37.50" x 82.00"	21.00" x 63.00"	1/8" TEMP. – AIR – 1/8" TEMP.	+50.0	-50.0
OUTSWING	37.50" x 80.37"	21.00" x 63.00"		+55.0	-60.0

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Hurley, P.E. No. 54158
2-9-06

PRODUCT: DISTINCTION SERIES 3'0" x 6'8" GLAZED FIBERGLASS DOOR INSWING / OUTSWING

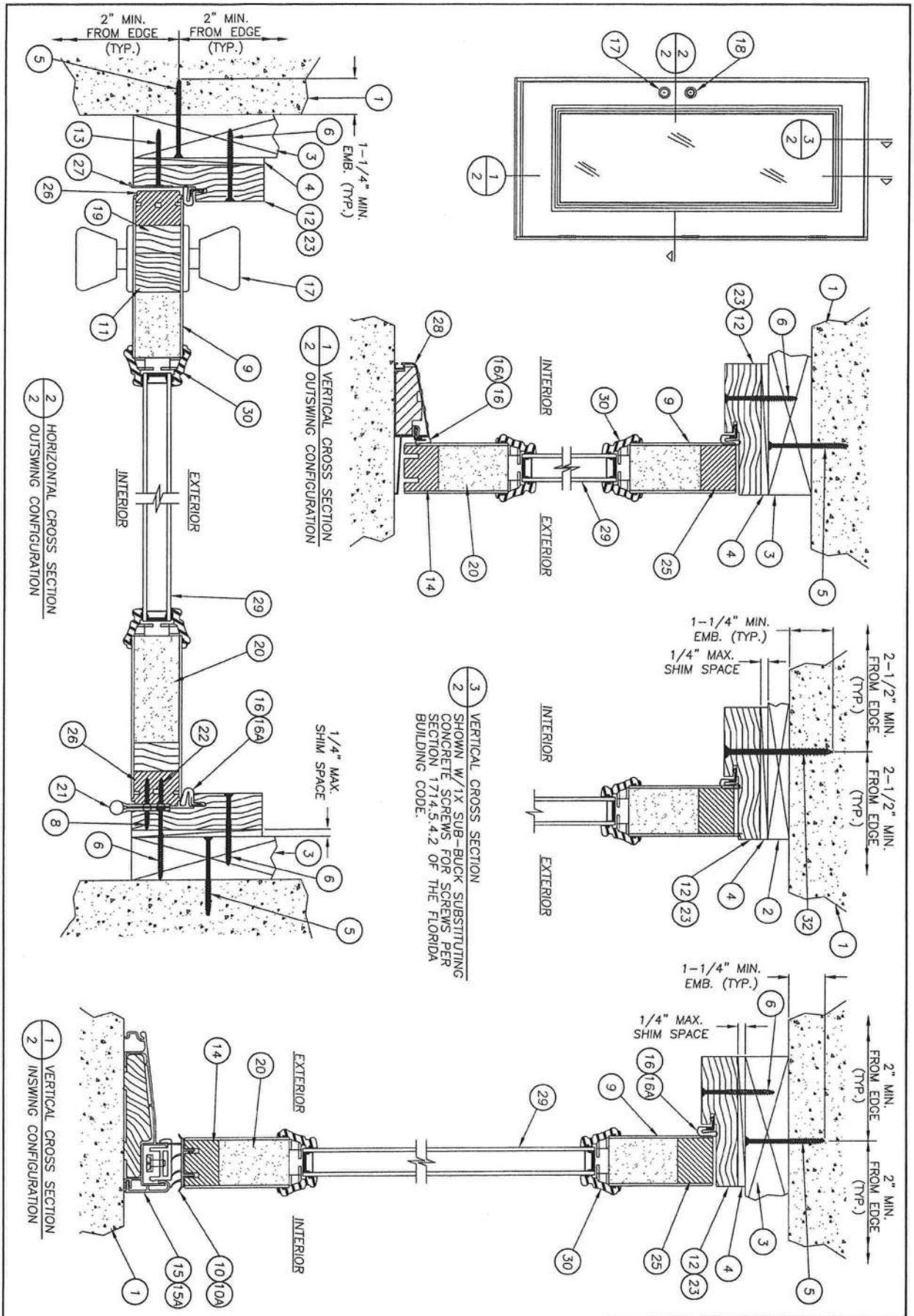
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 01/13/06
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-834
SHEET 1 OF 4

\\Rwbcsrv\rwdc\Proj 801 - 900\pf8931\FL-834\FL-834-1.dwg

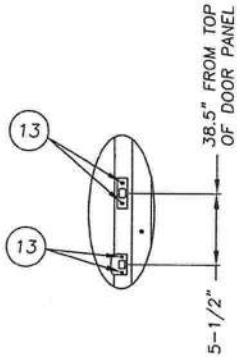
\\Rwbcsrv\rwbc\Proj 801 - 900\pf893\FL-834\FL-834-2.dwg



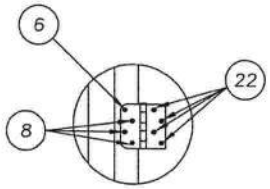
PRODUCT: DISTINCTION SERIES 3'0" x 6'8" GLAZED FIBERGLASS DOOR INSWING / OUTSWING	Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL. 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 Wendell W. Haney, P.E. No. 54158 2-9-06	DATE: 01/13/06	SHEET 2 OF 4
PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTION		SCALE: N.T.S.	DRAWING NO.: FL-834
		DWG. BY: EW	
		CHK. BY: WWH	

NO.	DATE	BY

REVISIONS

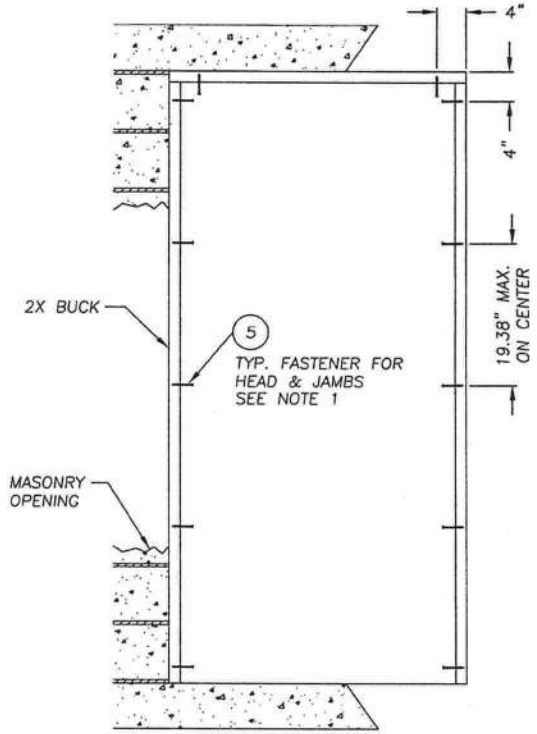


STRIKE PLATE DETAIL

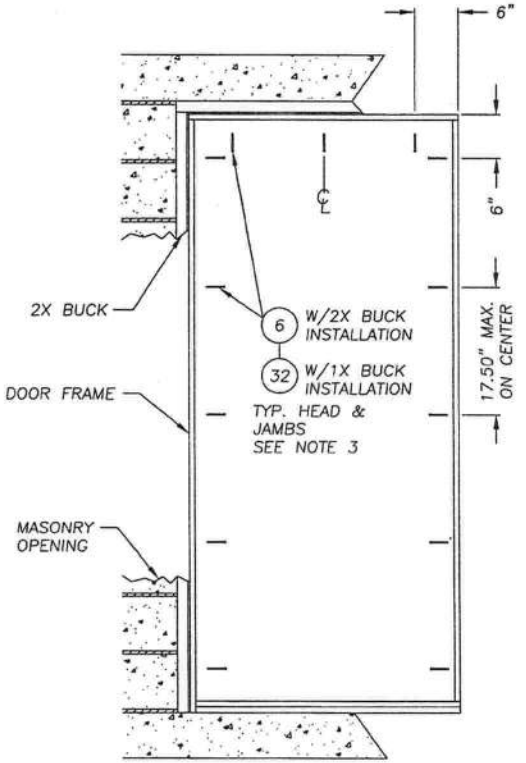


HINGE DETAIL

HINGES (3) LOCATED @ 9.46, 40.71" AND 71.965" FROM TOP OF DOOR PANEL TO CENTER LINE OF HINGE.



BUCK ANCHORING



FRAME ANCHORING

NOTES:

1. 3/16" TAPCONS REQUIRE A MINIMUM 2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 2-1/4" CLEARANCE TO ADJACENT TAPCONS.
2. 1/4" TAPCONS REQUIRE A MINIMUM 2-1/2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 3" CLEARANCE TO ADJACENT TAPCONS.
3. WHEN ANCHORING DOOR FRAME UTILIZING A 1X BUCK THEN ITEM #6 IS SUBSTITUTED WITH ITEM #32 (1/4" X 3-3/4" ELCO ANCHOR). THE QUANTITY AND SPACING OF ANCHORS DOES NOT CHANGE. SEE NOTE 2.

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Hurley, P.E. (NO. 54158)

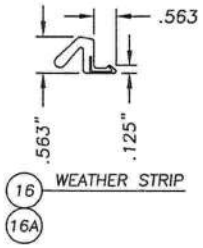
PRODUCT: DISTINCTION SERIES 3'0" x 6'8" GLAZED FIBERGLASS DOOR INSWING / OUTSWING

PART OR ASSEMBLY: BUCK & FRAME ANCHORING

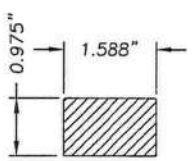
NO.	DATE	BY	REVISIONS

DATE: 01/13/06
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-834
SHEET 3 OF 4

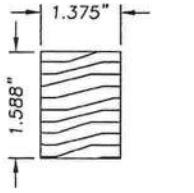
ITEM	DESCRIPTION	MATERIAL
1	MASONRY	CONC.
2	1X BUCK	WOOD
3	2X BUCK	WOOD
4	SHIM 1/4" MAX. THK.	WOOD
5	3/16" x 2-3/4" TAPCON	STEEL
6	#10 x 2-1/2" PHILLIPS FLAT HEAD SCREW	STEEL
7	NOT USED	–
8	#9 x 3/4" PFH WOOD SCREW	STEEL
9	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
10	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
10A	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	VINYL
11	REINFORCEMENT WOOD FOR LOCKS	WOOD
12	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
13	#9 x 2-1/4" PHILLIPS FLAT HEAD SCREW	STEEL
14	BOTTOM RAIL	FOAM/PVC
15	INSWING ADJUSTABLE THRESHOLD BY ENDURA	AL./WOOD
15A	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	AL./WOOD
16	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
16A	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM
17	KWIKSET KEYED ENTRY GRADE 2	STEEL
18	KWIKSET DEADBOLT GRADE 2	STEEL
19	CONTINUOUS LATCH AND HINGE STILE REINFORCEMENT	WOOD
20	POLYURETHANE FOAM BY NANYA	FOAM
21	4" x 4" BUTT HINGE	STEEL
22	#9 x 1" PFH WOOD SCREW	STEEL
23	POLY FIBER JAMB	COMP./VINYL
24	NOT USED	–
25	TOP RAIL	FOAM/PVC
26	HINGE & LATCH STILE	FOAM/PVC
27	STRIKE PLATE	STEEL
28	OUTSWING BUMP THRESHOLD	ALUM
29	1" THICK INSULATED GLASS 1/8" TEMP. – AIR – 1/8" TEMP.	GLASS
30	SNAP IN LITE FRAME	ABS
31	NOT USED	–
32	1/4" x 3-3/4" TAPCON	STEEL
33	GLAZING COMPOUND	SILICONE



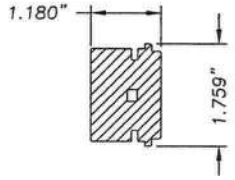
16 WEATHER STRIP
16A



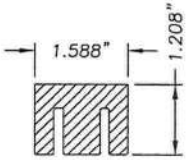
25 TOP RAIL
FOAM PVC



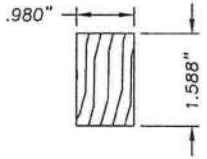
11 REINFORCEMENT WOOD FOR LOCK



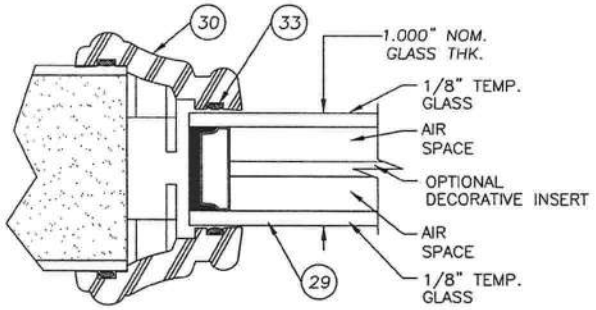
26 HINGE & LATCH STILE



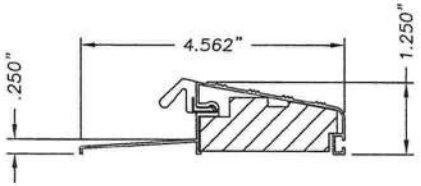
14 BOTTOM RAIL



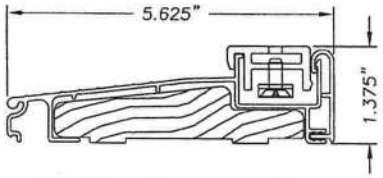
19 LATCH & HINGE STILE SUPPORT



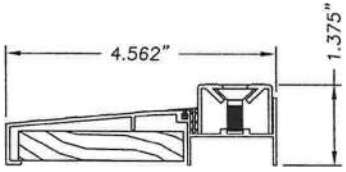
GLAZING DETAIL



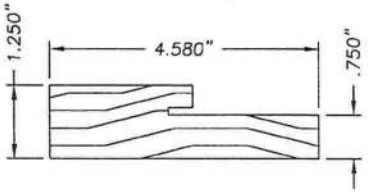
28 OUTSWING BUMP THRESHOLD



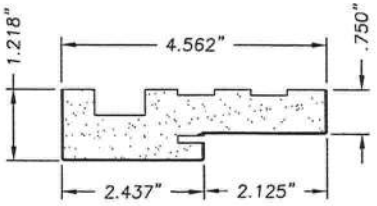
15 ADJUSTABLE INSWING SILL



15A ADJUSTABLE INSWING SILL



12 JAMB



23 POLY FIBER JAMB

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. 2-9-06
No. 54158

PRODUCT:
DISTINCTION SERIES
3'0" X 6'8" GLAZED FIBERGLASS
DOOR INSWING / OUTSWING

PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAILS & COMPONENTS

NO.	DATE	BY
REVISIONS		

DATE: 01/13/06
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DWG. BY: EW
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DRAWING NO.: FL-834
SHEET 4 OF 4

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COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006
Supplements and One (1) and Two (2) Family Dwellings

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the Residential Code (Florida Wind speed map) **SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS;

- ✓ Two (2) complete sets of plans containing the following:
- ✓ All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void
- ✓ Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
- ✓ Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents per FBC 106.1.

Site Plan information including:

- ✓ Dimensions of lot or parcel of land
- ✓ Dimensions of all building set backs
- ✓ Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.
- ✓ Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required:

- ✓ Plans or specifications must meet state compliance with FRC Chapter 3
- ✓ The following information must be shown as per section FRC
- ✓ Basic wind speed (3-second gust), miles per hour
- ✓ Wind importance factor and nature of occupancy
- ✓ Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- ✓ The applicable internal pressure coefficient, Components and Cladding The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.

Elevations Drawing including:

- ✓ All side views of the structure
- ✓ Roof pitch
- ✓ Overhang dimensions and detail with attic ventilation
- ✓ Location, size and height above roof of chimneys
- ○ Location and size of skylights with Florida Product Approval
- ✓ Number of stories
- ✓ e) Building height from the established grade to the roofs highest peak

Floor Plan including:

- ✓ Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies and raised floor surfaces located more than 30 inches above the floor or grade
- ✓ All exterior and interior shear walls indicated
- ✓ Shear wall opening shown (Windows, Doors and Garage doors
- ✓ Emergency escape and rescue opening in each bedroom (net clear opening shown)
- ✓ Safety glazing of glass where needed
- ○ Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FRC)
- ○ Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FRC 311)
- ✓ Plans must show and identify accessibility of bathroom (see FRC 322)

All materials placed within opening or onto/into exterior shear walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

Foundation Plans Per FRC 403:

- ✓ a) Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.
- ✓ b) All posts and/or column footing including size and reinforcing
- ○ c) Any special support required by soil analysis such as piling.
- ○ ✓ d) Assumed load-bearing valve of soil 1500 (psf)
- ✓ e) Location of horizontal and vertical steel, for foundation or walls (include # size and type)

CONCRETE SLAB ON GRADE Per FRC R506

- ✓ Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
- ✓ Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports

PROTECTION AGAINST TERMITES Per FRC 320:

- ✓ Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides

Masonry Walls and Stem walls (load bearing & shear Walls) FRC Section R606

- ✓ Show all materials making up walls, wall height, and Block size, mortar type
- ○ Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

- ○ Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer
- ○ Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers
- ○ Girder type, size and spacing to load bearing walls, stem wall and/or priers
- ○ Attachment of joist to girder
- ○ Wind load requirements where applicable
- ○ Show required under-floor crawl space
- ○ Show required amount of ventilation opening for under-floor spaces
- ○ Show required covering of ventilation opening.
- ○ Show the required access opening to access to under-floor spaces
- ○ Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing
- ○ Show Draft stopping, Fire caulking and Fire blocking
- ○ Show fireproofing requirements for garages attached to living spaces, per FRC section R309
- ○ Provide live and dead load rating of floor framing systems (psf).

WOOD WALL FRAMING CONSTRUCTION FRC CHAPTER 6

- ✓ Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls.
- ✓ Fastener schedule for structural members per table R602.3 (1) are to be shown.
- ✓ Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing
- ✓ Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems.
- ✓ Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FRC Table R502.5 (1)
- ✓ Indicate where pressure treated wood will be placed.
- ✓ Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas
- ✓ A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail

ROOF SYSTEMS:

- ✓ Truss design drawing shall meet section FRC R802.10 Wood trusses. Include a layout and truss details and be signed and sealed by Fl. Pro. Eng.
- ✓ Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters
- ✓ Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- ✓ Provide dead load rating of trusses

Conventional Roof Framing Layout Per FRC 802:

- ○ Rafter and ridge beams sizes, span, species and spacing
- ○ Connectors to wall assemblies' include assemblies' resistance to uplift rating.
- ✓ Valley framing and support details
- ○ Provide dead load rating of rafter system.

ROOF SHEATHING FRC Table R602,3(2) FRC 803

- ✓ Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing on the edges & intermediate areas

ROOF ASSEMBLIES FRC Chapter 9

- ✓ Include all materials which will make up the roof assembles covering; with Florida Product Approval numbers for each component of the roof assembles covering.

FCB Chapter 13 Florida Energy Efficiency Code for Building Construction

- ✓ Residential construction shall comply with this code by using the following compliance methods in the FBC Subchapter 13-6, Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area
- ✓ Show the insulation R value for the following areas of the structure: Attic space, Exterior wall cavity and Crawl space (if applicable)

HVAC information shown

- ✓ Manual J sizing equipment or equivalent computation
- ✓ Exhaust fans locations in bathrooms

Plumbing Fixture layout shown

- ✓ All fixtures waste water lines shall be shown on the foundation plan

Electrical layout shown including:

- ✓ Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- ✓ Ceiling fans
- ✓ Smoke detectors
- ✓ Service panel, sub-panel, location(s) and total ampere ratings

✓ On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.

✓ Appliances and HVAC equipment and disconnects

✓ Arc Fault Circuits (AFCI) in bedrooms

☒ Notarized Disclosure Statement for Owner Builders

○ Notice of Commencement Recorded (in the Columbia County Clerk Office) Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done.

Private Potable Water Existing

- ○ Size of pump motor
- ○ Size of pressure tank
- ○ Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

✓ Building Permit Application: A current Building Permit Application form is to be completed and submitted for all residential projects.

✓ Parcel Number: The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

✓ Environmental Health Permit or Sewer Tap Approval: A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)

○ City Approval: If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

○ Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED. A development permit will also be required. The permit cost is $50.00.

Existing ○ Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit ($25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ($50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

Existing 911 Address: If the project is located in an area where the 911 address has been issued, then the proper Paper work from the 911 Addressing Departments must be submitted. (386) 758-1125

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOTIFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Website:

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Glenwood King

Contractor or Contractor's Authorized Agent Signature

Glenwood King 4-4-08

Print Name Date

Location

Permit # **(FOR STAFF USE ONLY)**

Website:

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 30-5S-16-03738-023 **Building permit No.** 000026917

Use Classification SF/UTILITY **Fire:** 0.00

Permit Holder GLENWOOD KING **Waste:**

Owner of Building CLINT R.PITTMAN **Total:** 0.00

Location: 4143 SW WATSON ROAD, FT. WHITE, FL

Date: 11/14/2008

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)