

DATE 04/12/2006

Columbia County Building Permit

PERMIT
000024383

This Permit Expires One Year From the Date of Issue

APPLICANT VERNON MASTERS PHONE 288-2055
ADDRESS 4295 SW BIRLEY AVE LAKE CITY FL 32024
OWNER WATERTOWN CONGREGATIONAL MET. CHURCH PHONE 961-9992
ADDRESS 1024 NE OKINAWA STREET LAKE CITY FL 32055
CONTRACTOR VERNON MASTERS PHONE 288-2055
LOCATION OF PROPERTY 90E, TR ON CORTEZ, TR ON OKINAWA, CHURCH ON RIGHT

TYPE DEVELOPMENT CHURCH ESTIMATED COST OF CONSTRUCTION 280000.00
HEATED FLOOR AREA 4923.00 TOTAL AREA HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING INDUSTRIAL MAX. HEIGHT 20
Minimum Set Back Requirements: STREET-FRONT 20.00 REAR 15.00 SIDE 15.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 35-3S-17-07261-000 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES

CBC051320
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 05-1169-N BK JH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD,
EXISTING CHURCH

Check # or Cash 1357

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 \$ 1400.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
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 1475.00

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Return to: (enclose self-addressed stamped envelope)

FILED AND RECORDED IN PUBLIC
RECORDS OF COLUMBIA COUNTY, FL

1999 JAN 19 PM 12:20

RECORD VERIFIED

BY *MCK*
COLUMBIA COUNTY, FL
CLERK OF COURT

99-00844

Instrument Prepared by:

BK 0873 PG 0132
OFFICIAL RECORDS

City Appraisers Parcel Identification

Number(s):

rec(s) S.S. # (s)

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

This Warranty Deed, Made the 10 TH day of JAN., 19 99, by

BETTY J. BIAS

hereinafter called the Grantor, to AARON J. BIAS

whose post office address is RT. 7 BOX 488 LAKE CITY FL. 32055

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, wherever the context so admits or requires.)

Witnesseth, That the Grantor, for and in consideration of the sum of \$ 1. 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, State of FLORIDA, viz:

3563S6176 9900/9900

1.00 Acres

Comm. n.e. corner of N.E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ RUN
S. 210 FT. FOR POB, CONT S. 210 FT, W 210 FT, N 210 FT.
E. 210 FT. TO. POB. BEING IN N. E. $\frac{1}{4}$ OF N.E. $\frac{1}{4}$ ORB 613-514, 660 615,
754-1803

Documentary Stamp 70
Intangible Tax 0
r. DeWitt Cason
Clerk of Court
By *MCK* D.C.

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, and hereby 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, 19 99.

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

Signed, sealed and delivered in the presence of:

James L. Markham
Witness Signature (as to first Grantor)

Marcel C Keen
Printed Name

Marcel C Keen
Witness Signature (as to first Grantor)

Marcel C Keen
Printed Name

Witness Signature (as to Co-Grantor, if any)

Printed Name

Witness Signature (as to Co-Grantor, if any)

Printed Name

STATE OF Florida

COUNTY OF Columbia

Betty June Bias

known to me to be the person described in and who executed the foregoing instrument, who acknowledged before me that

executed the same, and an oath was not taken. (Check one:) ☐ Said person(s) is/are personally known to me. ☒ Said person(s) provided the

following type of identification: FDL # B200-090-30-507-0

I hereby Certify that on this day, before me, an officer duly authorized to administer oaths and take acknowledgments, personally appeared

Witness my hand and official seal in the County and State last aforesaid

This 19 day of JANUARY, A.D. 19 99

Belinda G. Scippio
Notary Signature

Belinda G. Scippio
Printed Name

NOTARY RUBBER STAMP SEAL
Belinda G. Scippio
Commission # CC 766023
Expires SEP. 19, 2002
BONDED THRU
ATLANTIC BONDING CO., INC.

700. TOTALSALES/BROKER'S COMMISSION:		\$	@	% =	PAID FROM BORROWER'S FUNDS AT SETTLEMENT	PAID FROM SELLER'S FUNDS AT SETTLEMENT
BASED ON PRICE						
DIVISION OF COMMISSION (LINE 700) AS FOLLOWS:						
701. \$	to					
702. \$	to					
703. Commission paid at settlement						
704.						
800. ITEMS PAYABLE IN CONNECTION WITH LOAN:						
801. Loan Origination fee	%					
802. Loan Discount	%					
803. Appraisal Fee to:						
804. Credit Report to:						
805. Lender's Inspection fee						
806. Mortgage Insurance application fee to						
807. Assumption fee						
808.						
809.						
810.						
811.						
900. ITEMS REQUIRED BY LENDER TO BE PAID IN ADVANCE:						
901. Interest from	to	@ \$	/day			
902. Mortgage insurance premium for	mo. to					
903. Hazard insurance premium for	12 mo. to					
904. Flood Insurance Premium for	12 mo. to					
905.						
1000. RESERVES DEPOSITED WITH LENDER:						
1001. Hazard insurance	months @ \$	per month				
1002. Mortgage insurance	months @ \$	per month				
1003. City property taxes	months @ \$	per month				
1004. County property taxes	months @ \$	per month				
1005. Annual assessments	months @ \$	per month				
1006.	months @ \$	per month				
1007.	months @ \$	per month				
1008.	months @ \$	per month				
1009.						
1100. TITLE CHARGES:						
1101. Settlement or closing fee to	Associated Land Title Group, Inc			100.00		
1102. Abstract or title search to	Associated Land Title Group, Inc			50.00		
1103. Title examination to	Associated Land Title Group, Inc			50.00		
1104. Title insurance binder to						
1105. Document preparation to						
1106. Notary fees to						
1107. Attorney's fees to						
(includes above items Numbers:)						
1108. Title insurance to	Associated Land Title Group, Inc			100.00		
(includes above items Numbers: Promulgated Rate)						
1109. Lender's coverage	\$					
1110. Owner's coverage	\$ 3,000.00					
1111.						
1112.						
1113.						
1200. GOVERNMENT RECORDING AND TRANSFER CHARGES:						
1201. Recording fees: Deed \$	10.50	; Mortgage \$		; Releases \$	10.50	
1202. City/county tax/stamps: Deed \$		; Mortgage \$				
1203. State tax/stamps: Deed \$	21.00	; Mortgage \$			21.00	
1204.						
1205.						
1300. ADDITIONAL SETTLEMENT CHARGES:						
1301. Survey to						
1302. Pest inspection to						
1303.						
1304.						
1305.						
1306.						
1307.						
1400. TOTAL SETTLEMENT CHARGES (Enter on line 103, Section J - and - line 502, Section K)					331.50	0.00

I have carefully reviewed the HUD-1 Settlement Statement and to the best of my knowledge and belief, it is a true and accurate statement of all receipts and disbursements made on my account or by me in this transaction. I further certify that I have received a copy of HUD-1 Settlement Statement.

Borrowers Junior P. C. Brown pastor
Watertown Congregational Methodist

Sellers Aaron J. Bias
Aaron J. Bias Armer Bias

The HUD-1 Settlement Statement which I have prepared is a true and accurate account of this transaction. I have caused or will cause the funds to be disbursed in accordance with this statement.

Settlement Agent Carol H. Wright
Carol H. Wright

Date July 1, 1999
File No. 170-35875

ASSOCIATED LAND TITLE GROUP, INC.

300 N. MARION STREET
LAKE CITY, FLORIDA 32055

4. ☐ VA 5. ☐ CONV. INS.

6. FILENUMBER: 170-35875 7. LOANNUMBER:

8. MORTGAGE INS. CASE NO.:

C. NOTE: This form is furnished to give you a statement of actual settlement costs. Amounts paid to and by the settlement agent are shown. Items marked "(p.o.c.)" were paid outside the closing; they are shown here for informational purposes and are not included in the totals.

D. NAME OF BORROWER: Watertown Congregational Methodist Church
ADDRESS OF BORROWER: Lake City, Florida 32025

E. NAME OF SELLER: Aaron J. Bias By
ADDRESS OF SELLER: Rt. 7, Box 488, Lake City, Florida 32055

F. NAME OF LENDER:
ADDRESS OF LENDER:

G. PROPERTY
LOCATION:

Lake City, Florida 32055

H. SETTLEMENT AGENT: Associated Land Title Group, Inc.
PLACE OF SETTLEMENT: 300 North Marion Street
LAKE CITY, Florida 32055

I. SETTLEMENT DATE: July 1, 1999

J. SUMMARY OF BORROWER'S TRANSACTION

100. GROSS AMOUNT DUE FROM BORROWER:

101. Contract sales price	3,000.00
102. Personal property	
103. Settlement charges to borrower: (from line 1400)	331.50
104.	
105.	

ADJUSTMENTS FOR ITEMS PAID BY SELLER IN ADVANCE:

106. City/town taxes	to
107. County taxes	to
108. Assessments	to
109.	
110.	
111.	
112.	

120. GROSS AMOUNT DUE FROM BORROWER: ▶ 3,331.50

200. AMOUNTS PAID BY OR IN BEHALF OF BORROWER:

201. Deposit or earnest money	
202. Principal amount of new loan(s)	
203. Existing loan(s) taken subject to	
204.	
205.	
206.	
207.	
208.	
209.	

ADJUSTMENTS FOR ITEMS UNPAID BY SELLER:

210. City/town taxes	to
211. County taxes	to
212. Assessments	to
213.	
214.	
215.	
216.	
217.	
218.	
219.	

220. TOTAL PAID BY/FOR BORROWER: ▶ 0.00

300. CASH AT SETTLEMENT FROM/TO BORROWER:

301. Gross amount due from borrower (line 120)	3,331.50
302. Less amount paid by/for borrower (line 220)	(0.00)

303. CASH (☒ FROM) (☐ TO) BORROWER: ▶ 3,331.50

K. SUMMARY OF SELLER'S TRANSACTION

400. GROSS AMOUNT DUE TO SELLER:

401. Contract sales price	3,000.00
402. Personal property	
403.	
404.	
405.	

ADJUSTMENTS FOR ITEMS PAID BY SELLER IN ADVANCE:

406. City/town taxes	to
407. County taxes	to
408. Assessments	to
409.	
410.	
411.	
412.	

420. GROSS AMOUNT DUE TO SELLER: ▶ 3,000.00

500. REDUCTIONS IN AMOUNT DUE TO SELLER:

501. Excess deposit (see instructions)	
502. Settlement charges to seller (line 1400)	
503. Existing loan(s) taken subject to	
504. Payoff of first mortgage loan	
505. Payoff of second mortgage loan	
506.	
507.	
508.	
509.	

ADJUSTMENTS FOR ITEMS UNPAID BY SELLER:

510. City/town taxes	to
511. County taxes	to
512. Assessments	to
513.	
514.	
515.	
516.	
517.	
518.	
519.	

520. TOTAL REDUCTIONS IN AMOUNT DUE TO SELLER: ▶ 0.00

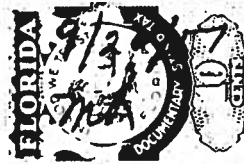
600. CASH AT SETTLEMENT TO/FROM SELLER:

601. Gross amount due to seller (line 420)	3,000.00
602. Less total reductions in amount due seller (line 520)	()

603. CASH (☒ TO) (☐ FROM) SELLER: ▶ 3,000.00



This Indenture, Made this 30th day of August
A. D. 19 57, BETWEEN Haygood Summers and Iris L. Summers, his wife,
of the County of Columbia and State of Florida
parties of the first part, and Congregational Methodist Church, a corporation
existing under the laws of the State of Florida with permanent post office
address at Watertown
County of Columbia, State of Florida, called
Grantee, party of the second part, Witnesseth, that the said parties of the first part, for
and in consideration of the sum of Ten and no/100-----Dollars,
to them in hand paid, the receipt whereof is hereby acknowledged, have granted, bar-
gained, sold, aliened, remised, released, enfeoffed, conveyed and confirmed, and by these presents
do grant, bargain, sell, alien, remise, release, enfeoff, convey and confirm unto the said
party of the second part and its successors and assigns forever, all that certain parcel of land lying
and being in the County of Columbia and State of Florida
more particularly described as follows: Begin 210 feet West of NE corner of
NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 35, Township 3
South, Range 17 East, and run West
210 feet, South 210 feet, East 210
feet, North 210 feet to Point of
Beginning, containing One (1) acre
more or less.



Together with all the tenements, hereditaments and appurtenances, with every privilege, right,
title, interest and estate, dower and right of dower, reversion, remainder and easement thereto be-
longing or in anywise appertaining. To Have and To Hold the same in fee simple forever.

And the said parties of the first part do covenant with the said party of the second
part, that they are lawfully seized of the said premises; that they are free of all incumbrance,
and that they have good right and lawful authority to sell the same; and that said parties of
the first part doth hereby fully warrant the title to said land, and will defend the same against the
lawful claims of all persons whomsoever.

In Witness Whereof, The said parties of the first part have hereunto set their
hands and seals the day and year above written.

Signed, sealed and delivered in our presence:

J. H. Reeves
E. H. Lewis

Haygood Summers (Seal)
Iris L. Summers (Seal)

STATE OF FLORIDA

COLUMBIA COUNTY

I, G. W. Roberts, Clerk of the Circuit Court in and for Third Judicial Circuit, Columbia County, Florida, do hereby certify that the foregoing is a true and correct copy of the _____

in that certain cause wherein _____

was Plaintiff and _____

was Defendant, lately pending in said court, as the same appears of record in this office, same having been filed on the _____ day of _____, 19 _____ and recorded in _____

Book _____

Page _____

Witness my hand and official seal this _____ day of _____, A. D. 19 _____

G. W. ROBERTS

Clerk Circuit Court

By _____

Deputy Clerk

STATE OF FLORIDA

COUNTY OF COLUMBIA

I, G. W. Roberts, Clerk of the Circuit Court in and for Third Judicial Circuit, Columbia County, Florida, do hereby certify that the foregoing is a true and correct copy of the WARRANTY DEED FROM HAYWOOD SUMMERS AND WIFE, IRIS L. SUMMERS, TO CONGREGATIONAL METHODIST CHURCH

_____ as the same appears of record in this office, same having been filed on the 20TH day of SEPT, 19 57 and recorded in OFFICIAL RECORD Book 54 Page 380-381

Witness my hand and official seal this 28TH day of MARCH, A. D. 19 60

G. W. ROBERTS

Clerk Circuit Court

By Wm. L. Roberts

Deputy Clerk



51-351
04-11-1900

STATE OF FLORIDA, COUNTY OF COLUMBIA, SS:

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
Haygood Summers and Iris L. Summers, his wife,
to me known to be the person^s described in and who executed the foregoing instrument and they acknowledged before me that they executed the same.

Witness my hand and official seal in the County and State last aforesaid this 31st day of August, A. D. 19 57.

E. K. Perkins
Notary Public,
My commission expires Feb. 17, 1957

The H. & W. B. Drew Company, Jacksonville, Florida. 650933

DREWS FORM R. E. 34
Warranty Deed
TO CORPORATION
TO
Date
ABSTRACT OF DESCRIPTION

Clerk's No. 7547
State of Florida, County of Columbia
Filed for record on this 20 day of Sept, 19 57, and recorded in
Official Record Book No. 54 page 380-381
Witness my hand & official seal the date last aforesaid.
G. W. ROBERTS, Clerk Circuit Court
By Mary Roberts
Deputy Clerk

Columbia County Building Permit Application

Revised 9-23-0

For Office Use Only Application # 0512-24 Date Received 12-9-05 By G Permit # 24383
Application Approved by - Zoning Official BLK Date 11.04.06 Plans Examiner AKJH Date 4-11-06
Flood Zone X Development Permit N/A Zoning I Land Use Plan Map Category I
Comments Existing Church - EXISTENCE - NOC

Applicants Name Vernon Masters
Applicants Name Watertown Congregational Methodist Church Phone 386-961-9992
Address 1024 NE Okinawa Street, Lake City, FL 32055
Owners Name Same Phone Same
911 Address Same
Contractors Name Vernon Masters Construction, Inc Phone 386-288-2055
Address 4295 SW Birley Avenue, Lake City, FL 32024
Fee Simple Owner Name & Address Watertown Congregational Methodist Church
Bonding Co. Name & Address None
Architect/Engineer Name & Address Bailey, Bishop & Lane, Inc P.O. Box 3717 Lake City, FL 32056
Mortgage Lenders Name & Address Undecided

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive EnergyProperty ID Number 35-3S-17-07261-000 Estimated Cost of Construction 280,000Subdivision Name Not applicable Lot 712 Block 712 Unit 712 Phase 712Driving Directions Hwy 90 E to Cortez, north on Cortez to Okinawa, east on Okinawa, church on right

Type of Construction Block Church Number of Existing Dwellings on Property None
Total Acreage 3.02 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 75.46W Side 106.67E Side 117.78 Rear 104.78
Total Building Height 20'7" Number of Stories 1 Heated Floor Area 4923 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.

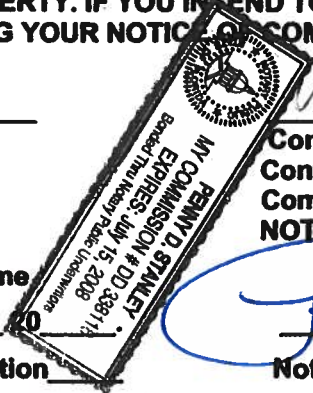
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 12 day of DecemberPersonally known Yes or Produced Identification

Contractor Signature

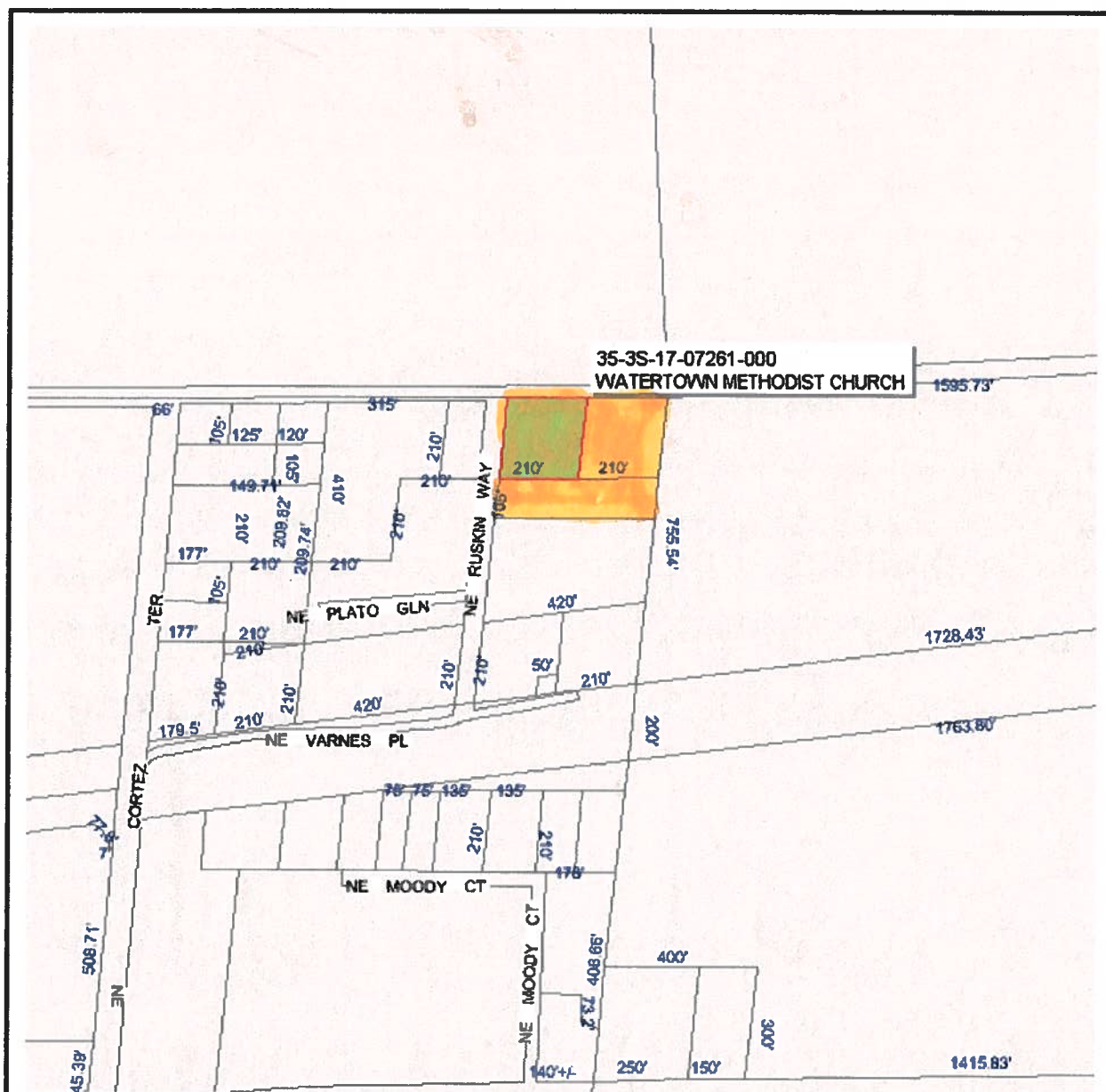
Contractors License Number 03051320

Competency Card Number

NOTARY STAMP/SEAL

Notary Signature

THU 12-9-05 12:00 PM 2005 VERNON 112701



Columbia County Property Appraiser

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

PARCEL: 35-3S-17-07261-000 02 - CHURCHES (007100)

BEG 210 FT W OF NE COR OF NE 1/4 OF NE 1/4, RUN W 210 FT, S 210 FT, E 210 FT, N 210 FT

Name: WATERTOWN METHODIST CHURCH

Site: PO BOX 390
Mail: WHITE SPRINGS, FL 320960390

Sales
Info

LandVal	\$8,712.00
BldgVal	\$71,984.00
ApprVal	\$80,696.00
JustVal	\$80,696.00
Assd	\$80,696.00
Exmpt	\$80,696.00
Taxable	\$0.00

0 180 360 540 ft



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

5/06/2005 10:06 Sale Maintenance

Year T Property

2005 R 35-3S-17-07257-000

8712 Land 001
AG 000
Bldg 000
Xfea 000
8712 TOTAL B*
Sales 002

WATERTOWN CONGREGATIONAL

Options: A=Add C=Change D=Delete R=Restore F=Finance
S Seq M=Multi-Prop N=Notes X=Addt'l Info S=Snapshot

1	Bk	982	Pg	745	Dt	5/02/2003	In	WD	QU	Q	R	VI	I	Stamp	266.00	
	Pr	38000	Adj				RA		Mult	N	Fin	N	PT	AdjPr	38000	
	Grantor	GERHARDT'S													Ratio	26.97
	Grantee	WATERTOWN CONGREGATIONAL CHURCH														
	{UD1}	{UD2}		{UD3}		{UD4}										
	Doc		DDt		Mnt	5/08/2003	TERRY									
2	Bk	525	Pg	723	Dt	11/01/1983	In	WD	QU	Q	R	VI	I	Stamp		
	Pr	12000	Adj				RA		Mult	N	Fin	N	PT	AdjPr	12000	
	Grantor														Ratio	85.41
	Grantee															
	{UD1}	{UD2}		{UD3}		{UD4}										
	Doc		DDt		Mnt	1/87/1901	BRC									

F1=Task F4=Prompt F5=Refresh F12=Cancel PgUp/PgDn F24=More

SAP:dd
0887.03-03-088
4/30/03

Dec 17th 2003
P. 10. 50

This Instrument Prepared By
S. AUSTIN PEELE
DARBY, PEELE, BOWDOIN & PAYNE
Attorneys at Law
Post Office Drawer 1707
Lake City, Florida 32096-1707

TAX PARCEL #: R07257-000

Inst: 2003009213 Date: 05/02/2003 Time: 15:52
Loc Stamp-Dead : 266.00

XXX DC, P. DeWitt Carson, Columbia County B: 982 P: 745

WARRANTY DEED

THIS WARRANTY DEED made this 2nd day of May, 2003, by HARRY W. GERHARDT and CASSIE A. GERHARDT, husband and wife, whose mailing address is Route 11, Box 3580, Lake City, Florida 32024, (herein "Grantor") to BAILEY R. (RANDY) OGBURN, JERRY OGBURN and EDITH GILBERT, as Trustees of WATERTOWN CONGREGATIONAL METHODIST CHURCH, and their successors as such, and whose mailing address is c/o Bailey R. (Randy) Ogburn, Post Office Box 390, White Springs, Florida 32096, (herein "Grantee"):

WITNESSETH:

That the Grantor, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS 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:

TOWNSHIP 3 SOUTH, RANGE 17 EAST

Begin at the NE Corner of the NE 1/4 of NE 1/4, Section 35, Township 3 South, Range 17 East, Columbia County, Florida, and run thence South 07°02' West along the East line of said NE 1/4 of NE 1/4, 210.00 feet; thence North 89°18' West, 210.00 feet; thence North 07°02' East, 210.00 feet to the North line of said NE 1/4 of NE 1/4, thence South 89°18' East, 210.00 feet to the POINT OF BEGINNING.

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



**SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT**

9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

NOTICED GENERAL PERMIT

PERMITTEE:

WATERTOWN CONGREGATIONAL METHODIST
CHURCH
231 NORTHWEST BURK AVENUE, SUITE 107
LAKE CITY, FL 32055

PERMIT NUMBER: ERP97-0165M

DATE ISSUED: 09/06/2005

DATE EXPIRES: 09/06/2008

COUNTY: COLUMBIA

TRS: S35/T3S/R17E

PROJECT: WATERTOWN CONGREGATIONAL METHODIST CHURCH

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130,
Florida Administrative Code (F.A.C.):

RANDY OGBURN

WATERTOWN CONGREGATIONAL METHODIST CHURCH
231 NORTHWEST BURK AVENUE, SUITE 107
LAKE CITY, FL 32055

Based on information provided, the Suwannee River Water Management District's (District) rules
have been adhered to and an environmental resource noticed general permit is in effect for the
permitted activity description below:

**Previous permit issued for 0.11 acres of impervious surface on 3.02 acres. Modification
consists of construction and operation of a surfacewater management system serving a total
of 0.22 acres of impervious surface on a total project area of 3.02 acres in a manner
consistent with the application package submitted by Jack Husband of Bailey Bishop &
Lane, Inc., on August 29, 2005.**

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after
construction. Any additional construction or alterations not authorized by this permit may result in
flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing
pursuant to ss.120.57(1), Florida Statutes (F.S.), and s.40B-1.511, F.A.C., if they object to the
District's actions. Failure to request a hearing within 14 days will constitute a waiver of your right

to request such a hearing. In addition, the District will presume that permittee waives Chapter 120, F.S., rights to object or appeal the action upon commencement of construction authorized by the permit.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A noticed general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

General Conditions for All Noticed General Permits:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this section are general permit conditions and are binding upon the permittee for all noticed general permits in Part II of this chapter. These conditions are enforceable under Part IV of chapter 373, F.S.
2. The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. A violation of the permit is a violation of Part IV of chapter 373, F.S., and may result in suspension or revocation of the permittee's right to conduct such activity under the general permit. The District may also begin legal proceedings seeking penalties or other remedies as provided by law for any violation of these conditions.
3. This general permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit.
4. This general permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the general permit and Part II of this chapter.
5. This general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to human health or welfare, animal, plant or aquatic life, or property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and District rules.
6. The permittee is hereby advised that s.253.77, F.S., states that a person may not commence any

excavation, construction or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

7. The authorization to conduct activities pursuant to general permit may be modified, suspended or revoked in accordance with chapter 120, and s.373.429, F.S.

8. This permit shall not be transferred to a third party except pursuant to s.40B-4.1130, F.A.C. The permittee transferring the general permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located.

9. Upon reasonable notice to the permittee, District staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to insure conformity with the plans and specifications approved by the permit.

10. The permittee shall maintain any permitted system in accordance with the plans submitted to the District and authorized by this general permit.

11. A permittee's right to conduct a specific noticed activity under this noticed general permit is authorized for the duration on the front of this permit.

12. Construction, alteration, operation, maintenance, removal and abandonment approved by this general permit shall be conducted in a manner which does not cause violations of state water quality standards, including any antidegradation provisions of s.62-4.242(1)(a) and (b), 62-4.242(2) and (3), and 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters. The permittee shall implement best management practices for erosion, turbidity and other pollution control to prevent violation of state water quality standards.

Temporary erosion control measures such as sodding, mulching, and seeding shall be implemented and shall be maintained on all erodible ground areas prior to and during construction. Permanent erosion control measures such as sodding and planting of wetland species shall be completed within seven days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into wetlands or other surface waters exists due to the permitted activity. Turbidity barriers shall remain in place and shall be maintained in a functional condition at all locations until construction is completed and soils are stabilized and vegetation has been established. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

Permit No.: ERP97-0165M

Project: WATERTOWN CONGREGATIONAL METHODIST CHURCH

Page 4 of 4

13. The permittee shall hold and save the District harmless from any and all damages, claims or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the general permit.

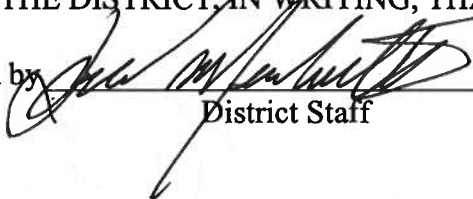
14. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

15. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

16. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by



District Staff

Date Approved

9/6/05

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Recording Fee \$ 11.50
Documentary Stamp \$ 17.50

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328
33-56
Property Appraiser's
Parcel Identification No.

Inst:2003002406 Date:02/06/2003 Time:12:32
Doc Stamp-Deed : 17.50

MC DC, P. DeWitt Cason, Columbia County B:974 P:136

WARRANTY DEED

THIS INDENTURE, made this 5th day of February, 2003,
BETWEEN W. KEITH HUDSON, who does not reside on the property
described below, whose post office address is Route 7, Box 467-1,
Lake City, Florida 32025, of the County of Columbia, State of
Florida, grantor*, and BAILEY R. OGBURN, JERRY A. OGBURN and EDITH
GILBERT, as Trustees of WATERTOWN CONGREGATIONAL METHODIST CHURCH,
and their successors in office, whose post office address is Post
Office Box 390, White Springs, Florida 32096, of the County of
Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of
the sum of Ten Dollars (\$10.00), and other good and valuable
considerations to said grantor in hand paid by said grantee, the
receipt whereof is hereby acknowledged, has granted, bargained and
sold to the said grantee, and grantee's heirs and assigns forever,
the following described land, situate, lying and being in Columbia
County, Florida, to-wit:

TOWNSHIP 3 SOUTH - RANGE 17 EAST

SECTION 35: A part of the NE 1/4 of the NE 1/4 of
Section 35, Township 3 South, Range 17 East, Columbia
County, Florida, being more particularly described as
follows: Commence at the NE corner of said Section 35
and run thence S 07°01'43" W along the East line of said
Section 35, a distance of 315.00 feet; thence N 89°17'52"
W 210.00 feet to the Point of Beginning; thence continue
N 89°17'52" W 210.00 feet; thence N 07°02'05" E 105.00
feet; thence S 89°15'21" E 210.00 feet; thence S
07°01'35" W 105.00 feet to the Point of Beginning.

SUBJECT TO existing road right-of-way along the West side
thereof.

SUBJECT TO: Restrictions, easements and outstanding
mineral rights of record, if any, and taxes for the
current year.

/06/2005 10:07 Sale Maintenance
Y r T Property
2.05 R 35-3S-17-07260-000

8712 Land 001
AG 000
Bldg 000
Xfea 000
8712 TOTAL B*
Sales 004 *

WATERTOWN CONGREGATIONAL

Options: A=Add C=Change D=Delete R=Restore F=Finance
S Seq M=Multi-Prop N=Notes X=Addt'l Info S=Snapshot

1	Bk	974	Pg	136	Dt	2/05/2003	In	WD	QU	U	R	01	VI	V	Stamp	17.50		
*	Pr	2500	Adj				RA		Mult	N	Fin	N	PT		AdjPr	2500		
	Grantor	KEITH HUDSON														Ratio	409.98	
	Grantee	WATERTOWN CONG METH CHURCH																
	{UD1}	{UD2}		{UD3}		{UD4}												
	Doc		DDt			Mnt	2/21/2003	TERRY										
2	Bk	883	Pg	1987	Dt	7/01/1999	In	WD	QU	U	R	01	VI	V	Stamp	21.00		
	Pr	3000	Adj				RA		Mult	N	Fin	N	PT		AdjPr	3000		
	Grantor	BIAS														Ratio	341.65	
	Grantee	WATERTOWN CONG METH CHURCH																
	{UD1}	{UD2}		{UD3}		{UD4}												
	Doc		DDt			Mnt	7/21/1999	TERRY										

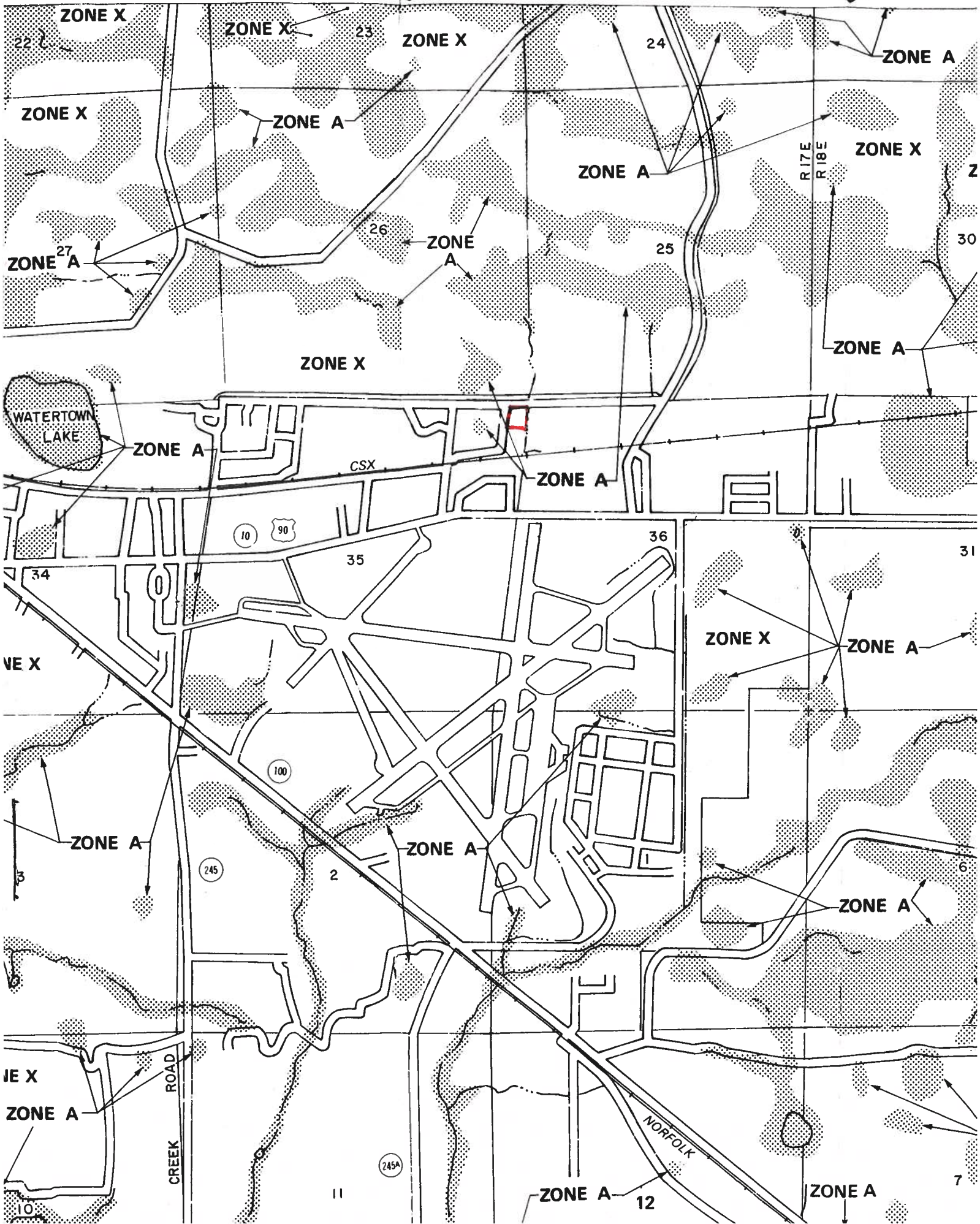
+

F1=Task F4=Prompt F5=Refresh F12=Cancel PgUp/PgDn F24=More

B

0512-24

C





Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

January 20, 2006

Watertown Congregational Methodist Church
1024 N. E. Okinawa Street
Lake City, Florida 32055

Attention: Frank Harris

Reference: Bearing Capacity Evaluation
Proposed Building
Watertown Methodist Church
Lake City, Florida
Cal-Tech Project No. 06-045

Dear Mr. Harris,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a building to be constructed at Watertown Methodist Church in Lake City, Florida. The purposes of our investigation were to determine the general subsurface conditions at the site and to evaluate the suitability of the existing site soils for an allowable bearing capacity of 2,000 psf.

We understand the building will have an area of approximately 4,730 square feet, and support will be provided by conventional, shallow spread footings. Anticipated foundations loads are believed not to exceed 30 kips and 3 kips per foot for columns and walls, respectively.

Site Investigation

The subsurface conditions were investigated by performing four (4) Standard Penetration test borings advanced to depths of 10 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. These locations were selected and staked by Cal-Tech Testing, Inc. using the site plan provided.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings generally encountered four soil strata. The first layer consists of about 1 foot of generally dark gray sand with silt and traces of organics (SP/SM). The N-values of this layer were not determined.

The second layer consists of 2 to 3 feet of very loose to medium dense, dark tan and gray sand with silt (SP/SM). The N-values for this layer range from 3 to 12 blows per foot.

The third layer consists of 1.5 to 2 feet of very loose to loose, tannish gray sand (SP). The N-values of this layer range from 3 to 8 blows per foot.

The fourth layer consists of an undetermined thickness of very loose to medium dense, generally dark tannish gray to black sand with silt (SP/SM) or silty sand (SM). The N-values of this layer range from 3 to 25 blows per foot.

Groundwater was encountered at depths of 1.6 to 2.1 feet at the time of our investigation.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

We have performed a bearing capacity analysis for the subgrade soils at the specific locations of the borings. We have assumed a 24-inch strip foundation the bottom of which is embedded 18 inches below the existing surface grade. We obtained an allowable bearing capacity of 2,000 pounds per square foot for this foundation with a factor of safety of about 1.6 against a bearing capacity failure.

For the assumed foundation, the site soils are suitable for an allowable bearing pressure of 2,000 pounds per square foot; however, the borings indicate some very loose to loose soils are present near the ground surface. Therefore, we recommend thorough proof-rolling and proof-compaction of the bearing soils.

We recommend the building limits and at least 3 feet beyond be stripped of grass, roots and other deleterious materials. Excavation should then be performed as required to establish the appropriate foundation and floor grades. The building area should then be proof-rolled using heavy, rubber-tired equipment (a large, loaded, front-end loader, for example). The subgrade should then be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of at least 2 feet below the bottoms of foundations and 1 foot below floor slabs.

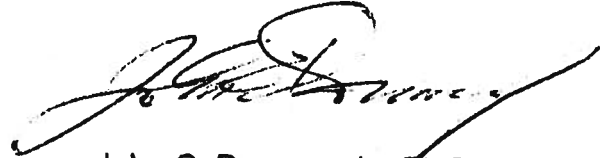
Field density testing should be performed in the compacted subgrade, in each lift of fill and in foundation cuts to verify suitable compaction has been obtained.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.



Linda Creamer
President / CEO



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

1/20/06
52612

B-1

Water Table: 2.1 ft.

Depth (ft)	N-value	Soil Description
0		Dark Gray to Black SAND with SILT, Trace Organics (SP/SM)
11		Medium Dense, Dark Tan, Dark Brown and Gray SAND with SILT (SP/SM)
12		
5	3	Very Loose, Tannish Gray SAND (SP)
8	8	Loose, Dark Tannish Gray, SILTY SAND (SM)
9	9	Loose, Dark Gray to Black SAND with SILT (SP/SM)
10	9	

B-2

Water Table: 1.6 ft.

Depth (ft)	N-value	Soil Description
0		Dark Brownish Gray SAND with SILT, Trace Organics (SP/SM)
4		Loose, Dark Tan and Gray SAND with SILT (SP/SM)
6		Loose, Light Gray SAND (SP)
5	3	Very Loose, Dark Brownish Gray, SILTY SAND (SM)
7	7	
16		Loose to Medium Dense, Black, SILTY SAND, Trace Organics (SM)
25		
10		

B-3

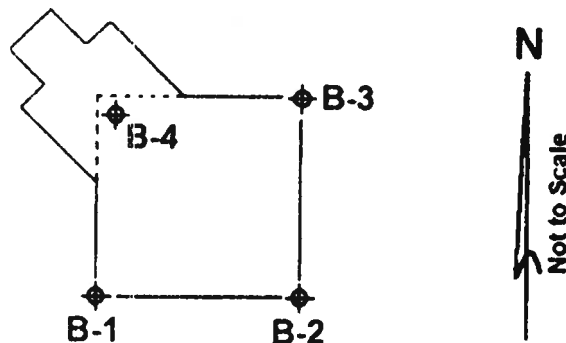
Water Table: 1.6 ft.

Depth (ft)	N-value	Soil Description
0		Very Loose, Dark Gray SAND with SILT, Trace Organics (SP/SM)
3	3	
4	4	Loose, Tannish Gray SAND (SP)
5	8	
8	8	Loose to Medium Dense, Dark Tannish Gray SAND with SILT (SP/SM)
13	13	
17	17	Medium Dense, Dark Gray to Black SAND with SILT (SP/SM)
10		

B-4

Water Table: 1.7 ft.

Depth (ft)	N-value	Soil Description
0		Dark Gray SAND with SILT, Trace Organics (SP/SM)
7	7	Loose, Dark Tan and Gray SAND with SILT (SP/SM)
8	8	Loose, Tannish Gray SAND (SP)
5	3	Very Loose, Dark Tannish Gray SAND with SILT (SP/SM)
3	3	Very Loose, Dark Gray to Black, SILTY SAND (SM)
4	4	
7	7	Loose, Black, SILTY SAND (SM)
10		



Boring Logs and Location Plan: Watertown Methodist Church

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

05-116AN

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.

See
Attached

Notes: _____

Plan submitted by: _____

in Approved _____

Not Approved _____

Sally Haddy ES1-COLUMBIA

MASTER CONTRACTOR

Date NOV 02 2005

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Notice of Treatment

18131

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: BAYVIEW
City: LAKE CITY Phone: 7521703

Site Location: Subdivision _____
Lot # _____ Block# _____ Permit # 24383
Address: 124 NE OKINAWA ST

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
☒ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☒ Soil ☐ Wood

<u>Area Treated</u>	<u>Square feet</u>	<u>Linear feet</u>	<u>Gallons Applied</u>
<u>Church</u>	<u>4328</u>	<u>280</u>	<u>300</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

9-5-06 1300 F254 GUNNY
Date Time Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

12131

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: 536 SE BAYA AVE
City: LAKE CITY Phone: 152-1703

Site Location: Subdivision N/A
Lot # _____ Block# _____ Permit # 24383
Address 124 NE OKINAWA ST

Product used	Active Ingredient	% Concentration
☒ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Exterior Perimeter</u>	<u>N/A</u>	_____	<u>20.381</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

9/13/07 11:00 James D. Rendon
Date Time Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



CERTIFICATE OF OCCUPANCY

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 35-3S-17-07261-000

Building permit No. 000024383

Use Classification CHURCH

Fire: 0.00

Permit Holder VERNON MASTERS

Waste: 0.00

Owner of Building WATERTOWN CONGREGATIONAL MET. CHURCH 0.00

Location: 1024 NE OKINAWA STREET, LAKE CITY, FL

Date: 09/25/2007

Harry Dickson

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



24383

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 35-35-17-07261-000

1. Description of property: (legal description of the property and street address or 911 address)
4328 sq/Ft Building @ 1024 NE Okinawa Street,
Lake City, FL ON Approximately 3 acres in:
Section 35, Township 3 South, Range 17 East
2. General description of Improvement: New Sanctuary
3. Owner Name & Address Watertown Congregational Methodist Church
Interest In Property _____
4. Name & Address of Fee Simple Owner (If other than owner): _____
5. Contractor Name Vernon Masters Construction, Inc Phone Number 386-288-2055
Address 4295 SW Birley Ave., Lake City, FL 32024
6. Surety Holders Name _____ Phone Number _____
Address _____
Amount of Bond _____
7. Lender Name Mercantile Bank Phone Number 386-754-7508
Address 187 SW Baya Ave., Lake City, FL 32025
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Guy N. Williams, PA Phone Number 386-752-0004
Address 231 NW Burk Ave., Ste 107 Lake City, FL 32055
9. In addition to himself/herself the owner designates _____ of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____
10. Expiration date of the Notice of Commencement (t) Inst: 2006018841 Date: 08/08/2006 Time: 15:07
(Unless a different date is specified) 1.4 DC, P. DeWitt Cason, Columbia County B: 1092 P: 451

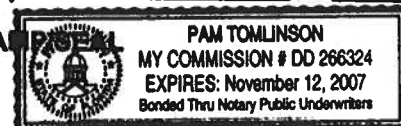
NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Landy Ogburn
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of 8/8/06, 2006

NOTARY STATE



Pam Tomlinson



BAILEY BISHOP & LANE, INC.

Engineers

Surveyors

Planners

April 6, 2006

Joe Haltiwanger
Plans Examiner
Columbia County Building Department

RE: APPLICATION # 0603-31

Dear Mr. Haltiwanger:

This is in response to the letter from Guy Williams date March 30, 2006) concerning the above referenced matter.

Please find attached information from Superior Church Furnishing on baptistery units. The unit (Model 11-B) that has been clouded with the arrow is what will be used. The live load for this unit (or any unit for that matter) cannot exceed the 200#/lf shown on the pulpit framing plan (see sheet B4) as long as the unit does not exceed the normal depth of 43".

The fire rating and hardware requirements are shown on the door details shown on sheet B4.

The wall between the vestibule and sanctuary is a 8" masonry wall with furring strips and wallboard on each side. This type of construction exceeds a 1 HR fire rating. A detail has been added to sheet B4 to clarify this area.

Please refer to Note 18 of the General Notes on sheet G3 of the previously submitted plans for the pre-cast lintel requirements. This provides the information needed to construct the lintel above all openings in the 8" masonry walls.

The exterior wall section (section 1 on sheet B3) shows both vertical and horizontal internal reinforcement of the masonry wall. The dowel bar spacing does not exceed 48" O.C. (see foundation plan for spacing) and a continuous bond beam at the top of the wall and at 6'-8" above finished floor (same as the lintels above the window/door openings) provide the horizontal reinforcement. The building code provides minimum design criteria, but does not dictate to the design professional how to achieve the requirements. The manner in which this wall structure has been designed meets or exceeds all design criteria.

Should you have any questions or need additional information, do not hesitate to contact me.

Sincerely,

R. P. (Phil) Bishop, Jr., P.E.

xc: Guy Williams
Randy Ogburn

P. O. Box 3717

Lake City, FL 32056-3717

Ph. (386) 752-5640

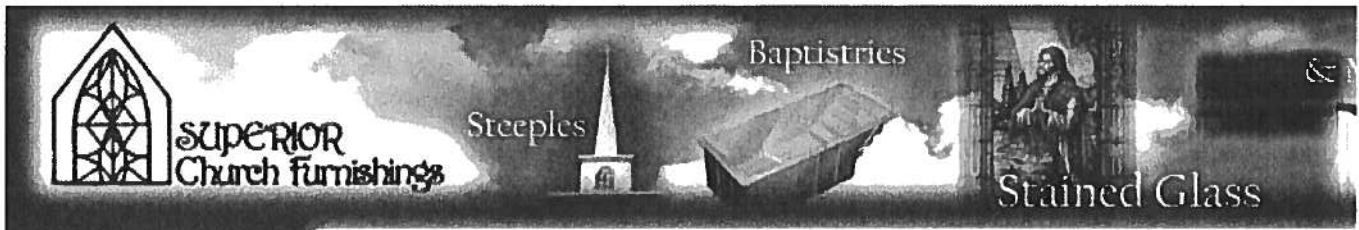
FAX (386) 755-7771

P. O. Box 814

Port St. Joe, FL 32457

Ph. (850) 227-9449

FAX (850) 227-9650



- [Home](#)
- [Steeples](#)
- [Baptistry](#)
 - [Models 1](#)
 - [Models 2](#)
 - [Accessories](#)
- [Stained Glass](#)
- [Cupolas](#)
- [Pews and Furniture](#)
- [Cushions](#)
- [Carpeting](#)
- [Refinishing](#)
- [Contact Us](#)

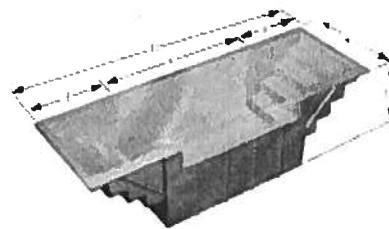
Baptistry Models 1

View

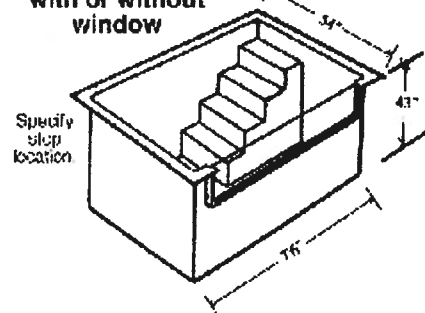
Model A-1:

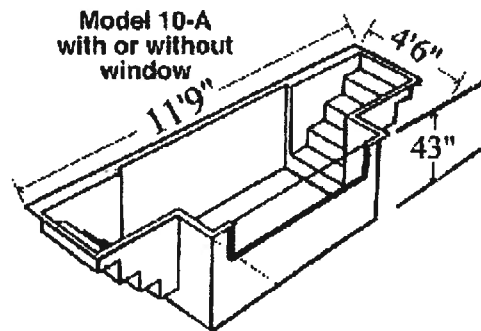
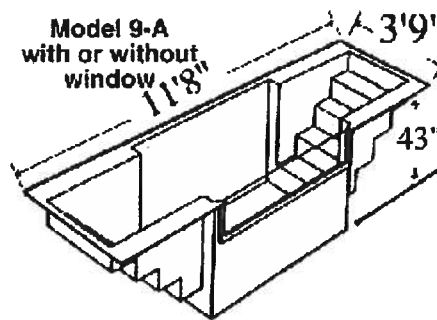
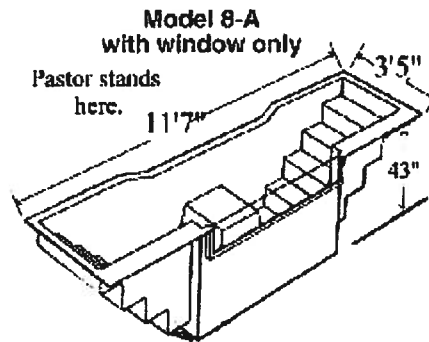


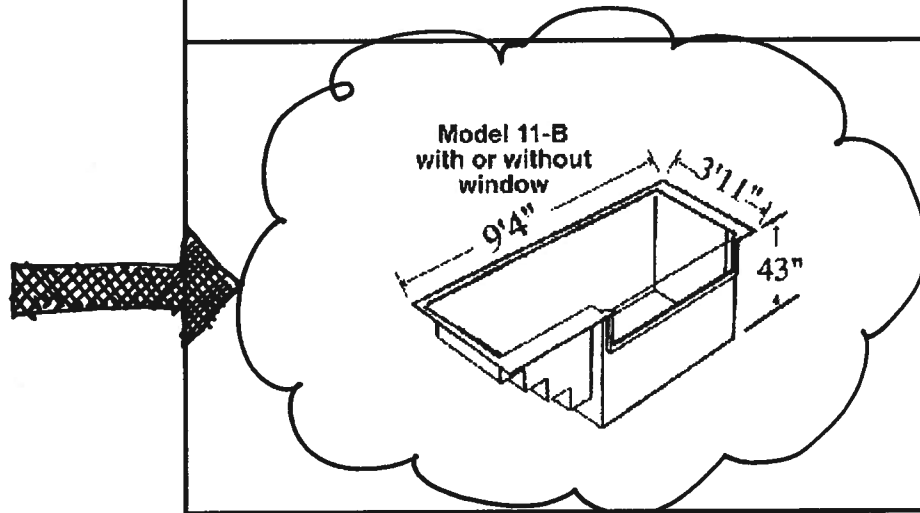
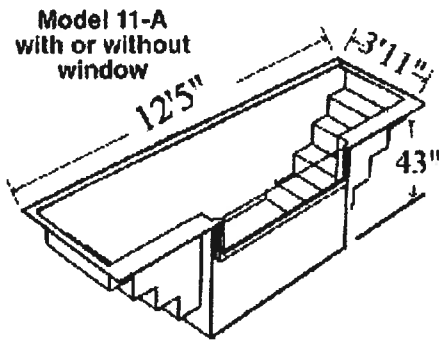
Model E-3:
600 Gallon



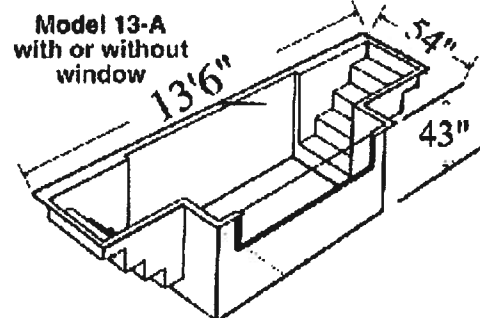
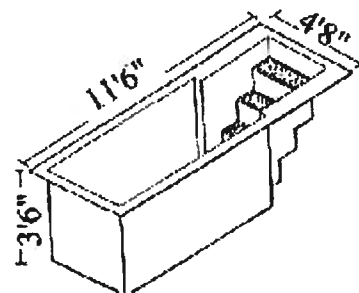
Model 7-A
with or without
window





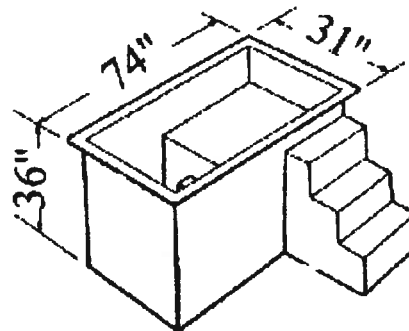
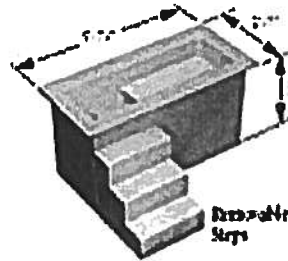
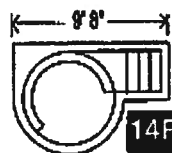
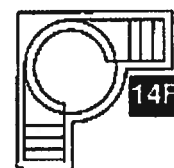
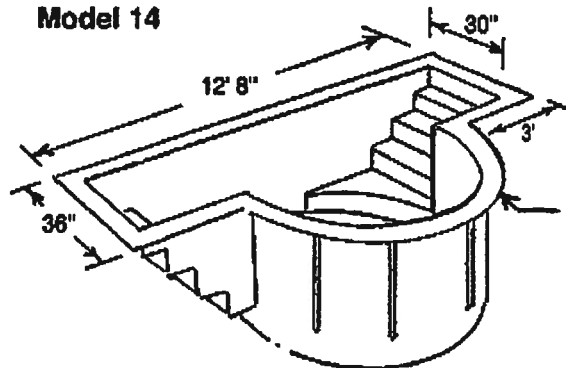


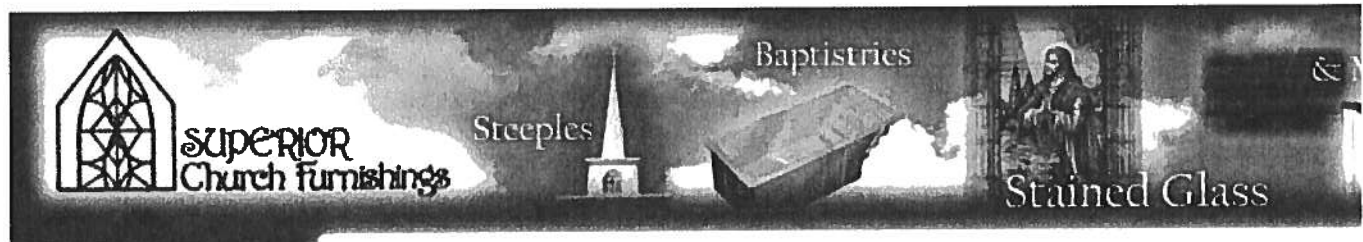
Model 12-B with or without window:
(Specify left or right entry with window)



Model 12-B Portable Baptistry:

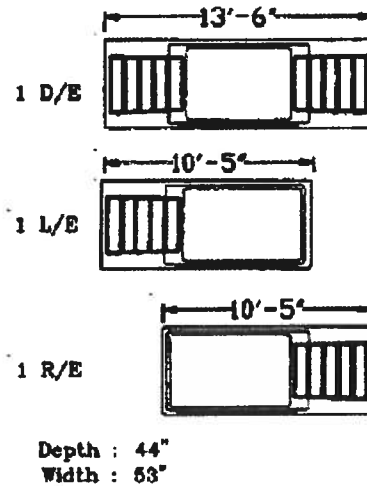
Features: lifetime molded fiberglass construction, Candidate baptized from sitting position, Minister remains outside baptistry, Requires only 100 gallons of water, No plumbing required, Only 31" wide for access through most doors. Removable steps.

**Model 14**

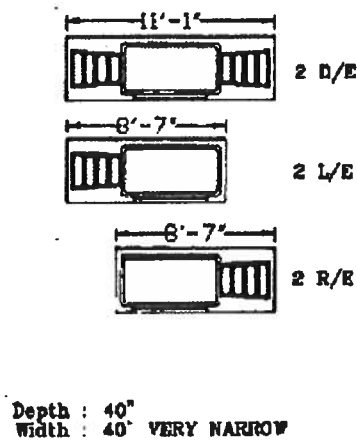

[Home](#)
[Steeples](#)
[Baptistry](#)
[Models 1](#)
[Models 2](#)
[Accessories](#)
[Stained Glass](#)
[Cupolas](#)
[Pews and Furniture](#)
[Cushions](#)
[Carpeting](#)
[Refinishing](#)
[Contact Us](#)

Baptistry Models 2

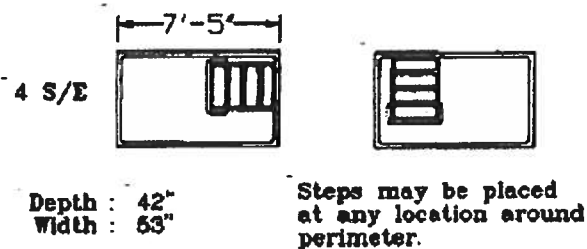
Model 1



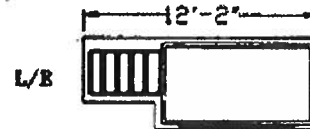
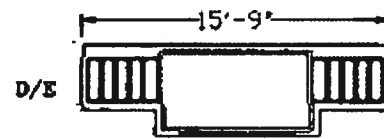
Model 2



Model 4

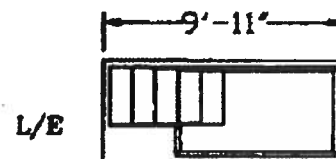
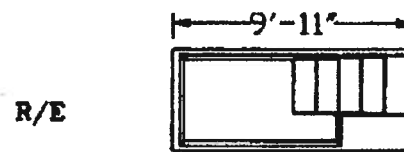
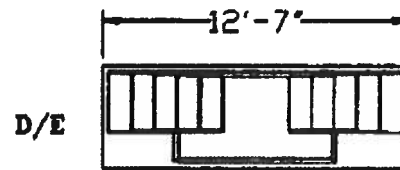


Model 5

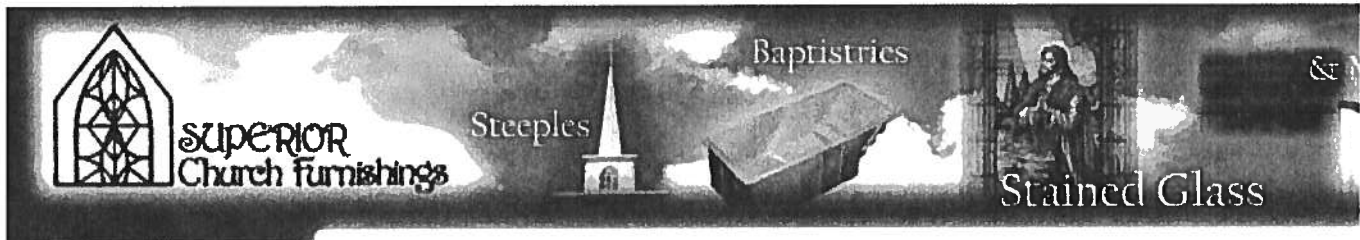


Depth : 48"
Width : 36"

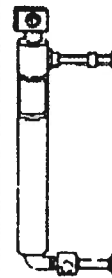
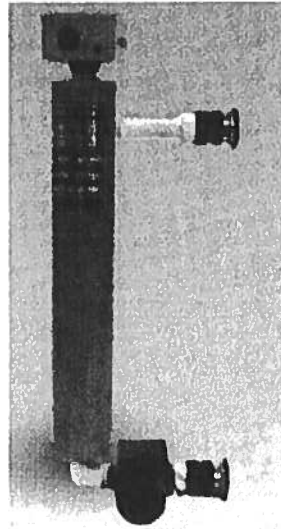
Model 6



Depth : 42"
Width : 51"

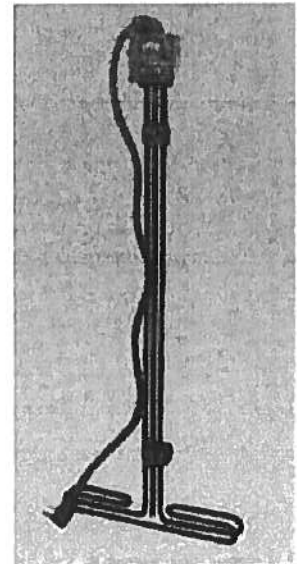

[Home](#)
[Steeples](#)
[Baptistry](#)
[Models 1](#)
[Models 2](#)
[Accessories](#)
[Stained Glass](#)
[Cupolas](#)
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Heaters and Accessories



6 Kw Heater Package
 6 Kw Heater
 Pump No. 006
 Pump Installation Kit
 Heats 750 gal. Baptistry in 6.25 hrs. - 20
 degree rise
 5.5 or 11kw systems also available.

Electric Immersion Water
 Heater also available.



Drain, Overflow, & Release Unit



A sturdy, economical drain unit with chrome-plated fittings and an easy-access trip lever located in the overflow. Just flip the lever to drain. For 1 1/2" connections.

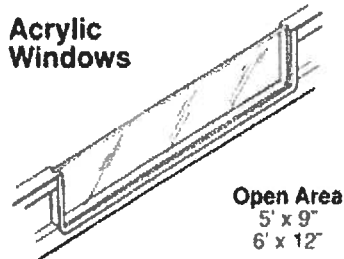
Combination Seat/ Child's



Step.

(Places a child at proper height. Nonskid surface. Seat permits baptism of large adults from seated position. Complete with toe hold and easily removable when not desired.

Acrylic Windows



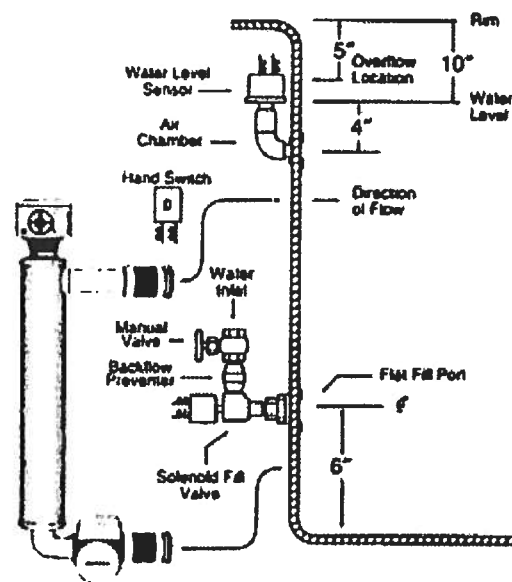
One half inch acrylic windows in heavy molded frame and silicone rubber seal.

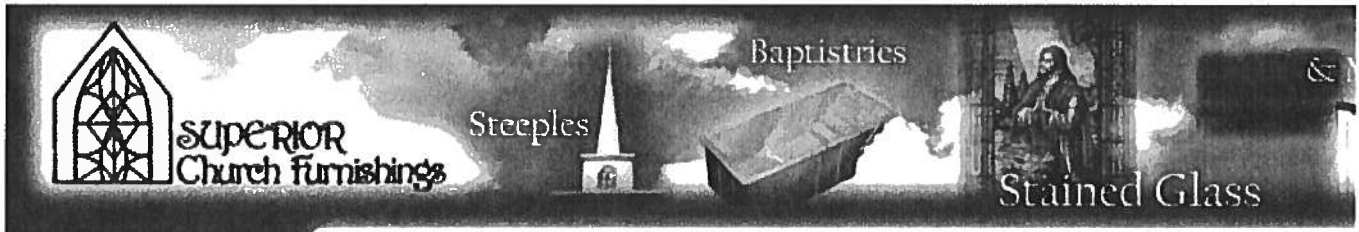
No. 3000**Remote-Operated Electric Fill Valve**

With #2 fill port and automatic water level control and automatic heating and low water cut off protection for heater and pump.

Operation: When power is turned on, baptistry will automatically fill and turn off at proper level. Heater (and pump) automatically turn on and heat baptismal water to adjustable thermostat temperature. Heater and pump turn off. Proper water level is automatically maintained. Heater and pump are protected against abnormal low water condition.

NOTE: Wall spouts of other styles can be supplied in place of the flush fill port (model #2).





- [Home](#)
- [Steeples](#)
- [Baptistry](#)
 - [Models 1](#)
 - [Models 2](#)
 - [Accessories](#)
- [Stained Glass](#)
- [Cupolas](#)
- [Pews and Furniture](#)
- [Cushions](#)
- [Carpeting](#)
- [Refinishing](#)
- [Contact Us](#)

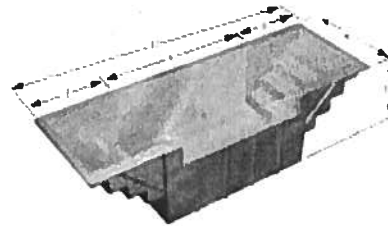
Baptistry Models 1

View

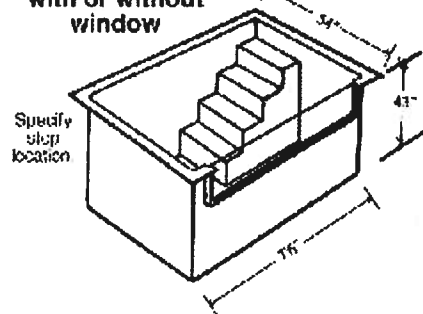
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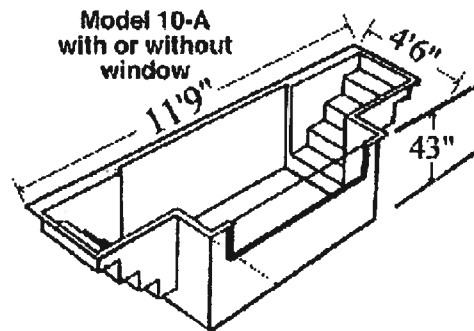
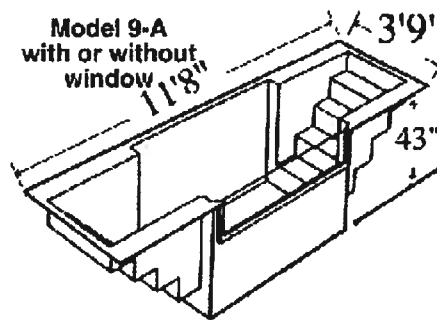
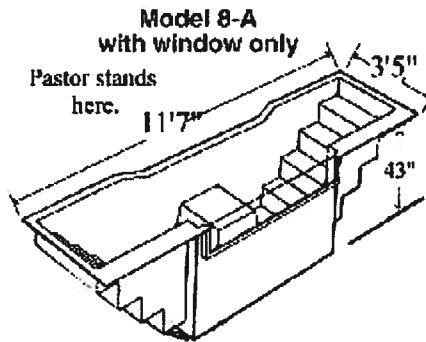


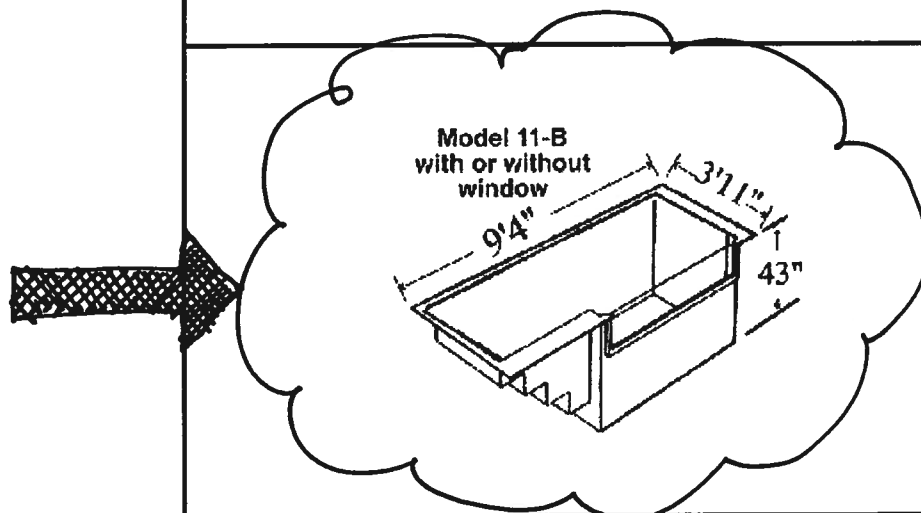
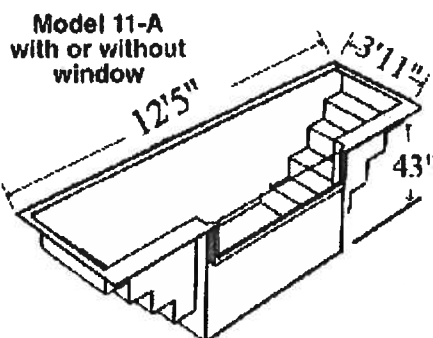
Model E-3:
600 Gallon



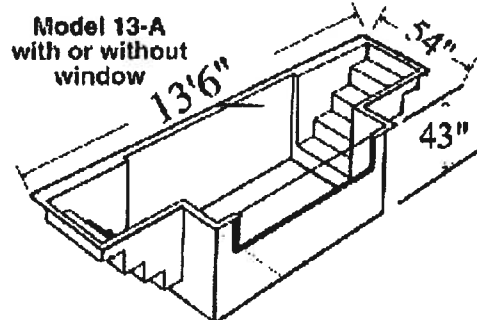
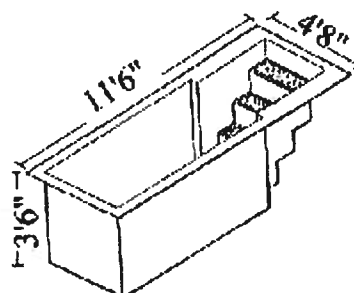
Model 7-A
with or without
window





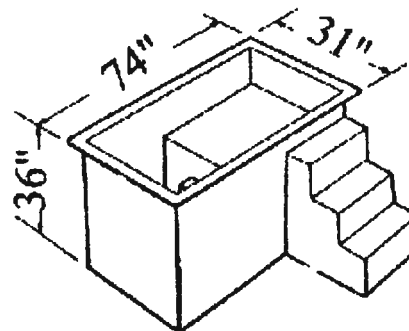
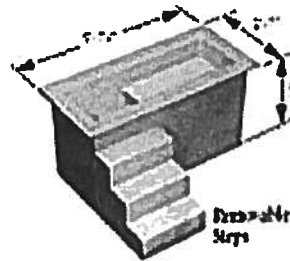
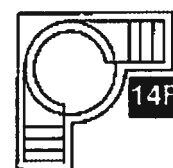
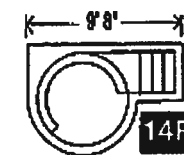
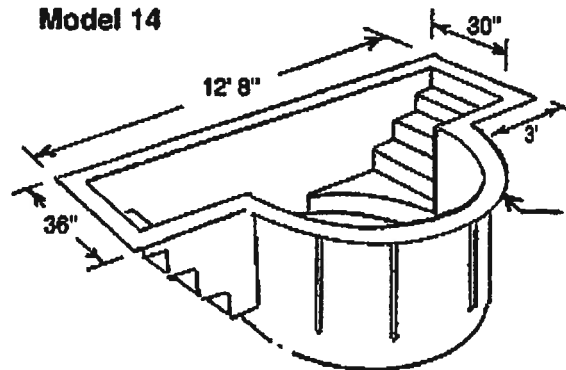


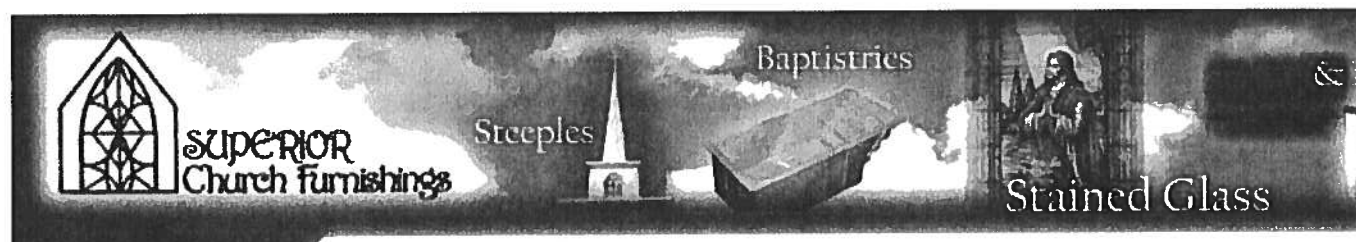
Model 12-B with or without window:
(Specify left or right entry with window)



Model 12-B Portable Baptistry:

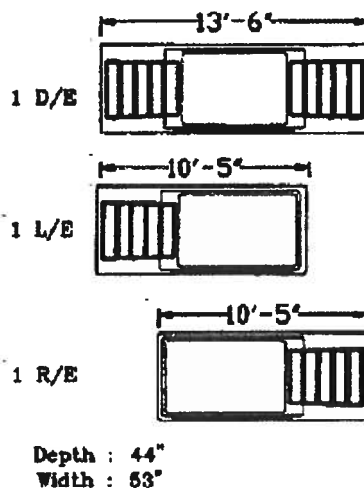
Features: lifetime molded fiberglass construction, Candidate baptized from sitting position, Minister remains outside baptistry, Requires only 100 gallons of water, No plumbing required, Only 31" wide for access through most doors. Removable steps.

**Model 14**

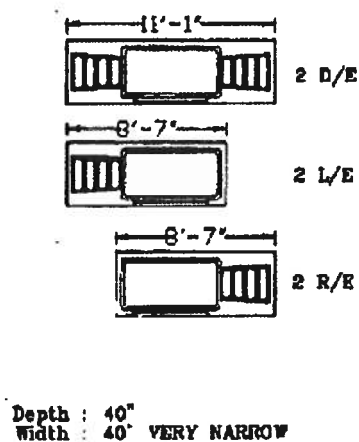

[Home](#)
[Steeples](#)
[Baptistry](#)
[Models 1](#)
[Models 2](#)
[Accessories](#)
[Stained Glass](#)
[Cupolas](#)
[Pews and Furniture](#)
[Cushions](#)
[Carpeting](#)
[Refinishing](#)
[Contact Us](#)

Baptistry Models 2

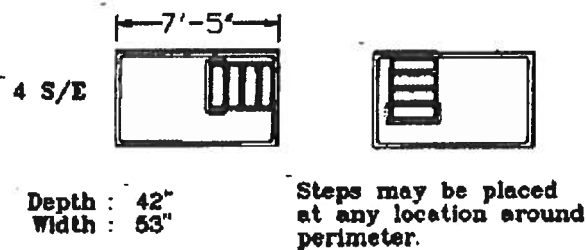
Model 1

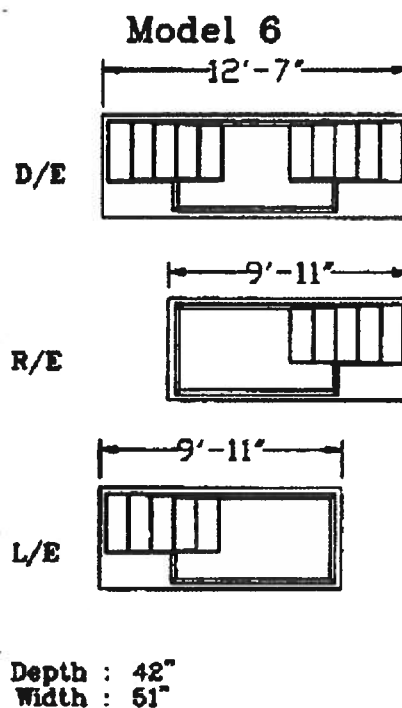
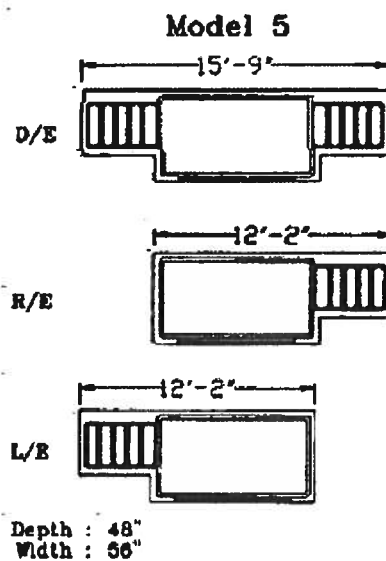


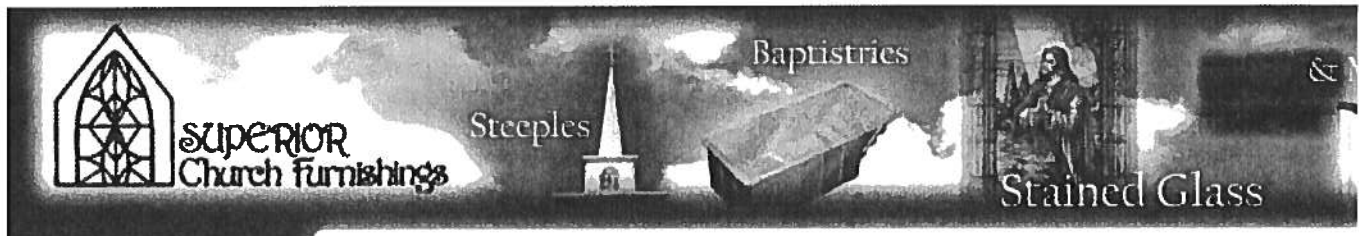
Model 2



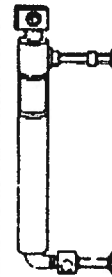
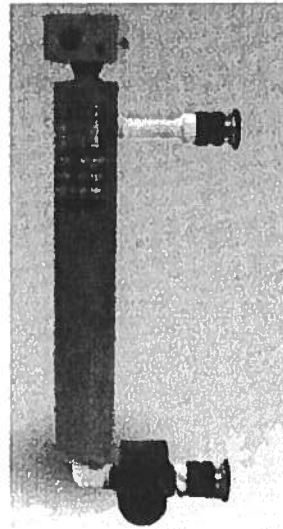
Model 4





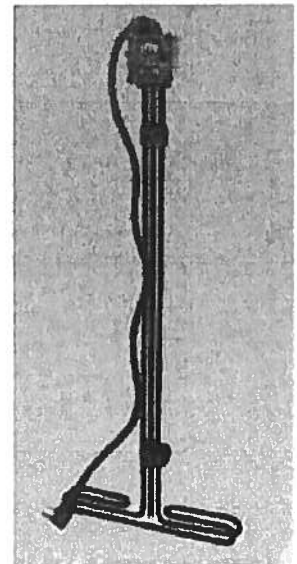

[Home](#)
[Steeples](#)
[Baptistry](#)
[Models 1](#)
[Models 2](#)
[Accessories](#)
[Stained Glass](#)
[Cupolas](#)
[Pews and Furniture](#)
[Cushions](#)
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[Refinishing](#)
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Heaters and Accessories



6 Kw Heater Package
6 Kw Heater
Pump No. 006
Pump Installation Kit
Heats 750 gal. Baptistry in 6.25 hrs. - 20
degree rise
5.5 or 11kw systems also available.

Electric Immersion Water
Heater also available.



Drain, Overflow, & Release Unit



A sturdy, economical drain unit with chrome-plated fittings and an easy-access trip lever located in the overflow. Just flip the lever to drain. For 1 1/2" connections.

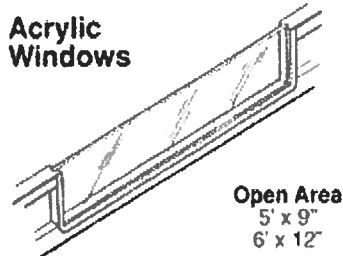
Combination Seat/ Child's



Step.

(Places a child at proper height. Nonskid surface. Seat permits baptism of large adults from seated position. Complete with toe hold and easily removable when not desired.

**Acrylic
Windows**



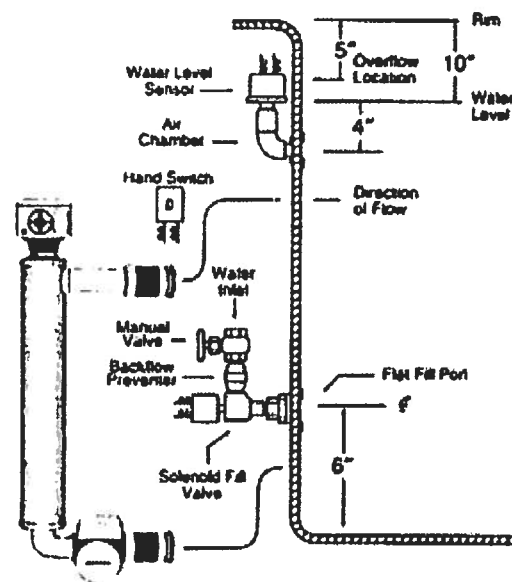
One half inch acrylic windows in heavy molded frame and silicone rubber seal.

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With #2 fill port and automatic water level control and automatic heating and low water cut off protection for heater and pump.

Operation: When power is turned on, baptistry will automatically fill and turn off at proper level. Heater (and pump) automatically turn on and heat baptismal water to adjustable thermostat temperature. Heater and pump turn off. Proper water level is automatically maintained. Heater and pump are protected against abnormal low water condition.

NOTE: Wall spouts of other styles can be supplied in place of the flush fill port (model #2).



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

0512-24

Reference to: Build permit application Number:

Vernon Masters of Vernon Masters Construction / Watertown Congregational

Methodist Church at 1024 NE Okinawa Street.

On the date of December 14, 2005 application 0512-24 and plans for construction of a church assembly structure were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0512-24 when making reference to this application.

Building Group: A-3 Assembly uses intended for worship

Proposed area: 4,932 square feet. Table 503: Allowable height and building areas :

Type V construction height = 1 story Area = 6,000 square feet

Type Construction: 602.5 Type V construction is that type of construction in which the structural elements, exterior walls and interior walls are of any materials permitted by this code.

Floor area, net: The actual occupied area not including unoccupied accessory areas such as corridors, stairways, toilet rooms, mechanical rooms and closets.

Floor area, net: 60' X 60' = 3,600 square feet assembly without fixed concentrated

(chairs only—not fixed) seats: 7 X 3,600 square feet = 252 Occupancy

1004.7 Fixed seating. For areas having fixed seats and aisles, the occupant load shall be determined by the number of fixed seats installed therein.

For areas having fixed seating without dividing arms, the occupant load shall not be less than the number of seats based on one person for each 18 inches (457 mm) of seating length.

1. Show the method of draftstopping: shall be installed in attics and concealed roof spaces, such that any horizontal area does not exceed 3,000 square feet (279 m²).
2. Show an elevation drawing of the stage area and the sound platform area; include the live loads floor rating as required in Section 1602.1. Also show the construction material and layout design of the stage area and the sound platform area. Show the design of the stair which will allow access to the baptistery area and the sound platform area.
3. Summit drawing of the baptistery unit and include the live load rating required for this unit.
4. Show the exit hardware and fire label rating for all egress exit doors.
5. Show a typical wall section that will be used to create a one hour fire rated wall section for the interior walls of the vestibule, which is considered to be a corridors which shall be fire-resistance rated in accordance with Table 1016.1.
6. Show the method that will be used to obtain draftstopping: shall be installed in attics and concealed roof spaces, such that any horizontal area does not exceed 3,000 square feet (279 m²).

7. Submit a drawing of the mechanical HVAC system to include the air duct layout and location of equipment.
8. For the opening in the structural 8" block walls show the lintels call-out length which shall be in accordance with the masonry design provisions of either Section 2107 or 2108.
9. Submit a site plan which includes: Handicap Parking and access ramps from the parking area into the structure.
10. Please provide a copy of the release, of the waste water disposal system from the Columbia County Environmental Department.
11. Please show compliance with the FBC-2004 Chapter 13 Florida Energy Efficiency Code for Building Construction, 13-100.2 Intent. The provisions of this code shall regulate (1) the design of building envelopes for adequate thermal resistance and low air leakage and (2) the design and selection of mechanical, electrical, and illumination systems and equipment which will enable the effective use of energy in new building construction, additions, alterations or any change in building configuration. Forms are available from the local jurisdiction permitting offices or may be obtained from the Department of Community Affairs, Codes and Standards Section, 2555 Shumard Oak Blvd., Tallahassee, Florida 32399-2100. Copies of Subchapter 6 forms may be found in Appendix 13-D of this chapter or online at www.floridabuilding.org.
12. The soils in the area in which this building permit application make reference to are considered questionable soil by the Bailey Bishop & Lane as described in section 1802.2.1 of the FBC-2004 therefore please follow the prescribed testing

methods of chapter 18 to reveal the soil load bearing capacities. Please have a registered professional conduct subsurface explorations at the project site upon which foundations are to be constructed, a sufficient number (not less than four, one boring on each corner of the building foundation) borings shall be made to a depth of not less than 10 feet (3048 mm) below the level of the foundations to provide assurance of the soundness of the foundation bed and its load-bearing capacity.

13. On the roof truss system have Bailey Bishop & Lane review the roof truss system as presented from the truss designer and meet the following requirements. The architect or engineer and or the wind-load design architect or engineer of record shall submit a drawing of a review that will show all the required truss connectors and fasteners. The drawing will show the location of each truss connection point and the required truss connectors and fasteners needed to comply with the up-lift points of the truss to the structure. The architect or engineer and or the wind-load design architect or engineer of record will provide a written certification that all truss up-lift connectors and/or fasteners comply with the requirements for the up-lift data as submitted by the truss designer and as the trusses system applies to the wind-load design analysis. Roof support systems which utilize conventional roof framing method shall be designed by an architect or engineer reregistered with the state of Florida. The architect or engineer of record shall show on a drawing all structural roof members which make up the conventional roof framing system. This drawing shall include lumber sizes and wood species The drawing shall location these anchoring devices for all rafters, ridge beans connection points onto

the structure, to provide certification that all components of the roof support system comply with the up-lift requirements of the roof system as the roof system applies to the wind-load design analysis.

- ✓ 14. Please submit a recorded (with the Columbia County Clerk Office) a notice of commencement before any inspections can be preformed by the Columbia County Building Department.
- ✓ 15. The Columbia County Zoning Ordinance requires that a paved parking area be established for this development. An appeal for variance from is attached. Any question about this variance procedure may be directed to Mr. Brian Kepner the County Planner at 754-7199

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department



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

Rendered to:

MI HOME PRODUCTS, INC.

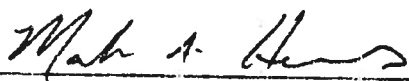
SERIES/MODEL: 650

TYPE: Aluminum Picture Window

Title of Test	Results
Rating	F-R45 60 x 80
Overall Design Pressure	+45.0 psf -47.2 psf
Air Infiltration	0.04 cfm/ft ²
Water Resistance	8.25 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Forced Entry Resistance	Grade 10

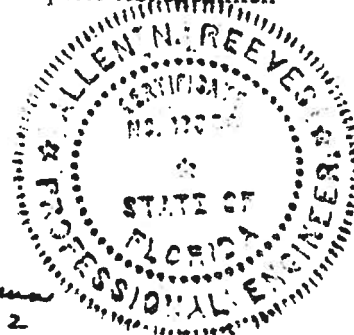
Reference should be made to Report No. 01-41135.01 dated 03/26/02 for complete test specimen description and cata.

For ARCHITECTURAL TESTING, INC.


Mark A. Hess, Technician

MAH:nlb


1 APRIL 2002





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

Rendered to

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

Report No: 01-41135.01

Test Date: 03/07/02

Report Date: 03/26/02

Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650, aluminum picture window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a F-R45 60 x 80 rating.

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

Test Specimen Description

Series/Model: 650

Type: Aluminum Picture Window

Overall Size: 5' 0" wide by 6' 8" high

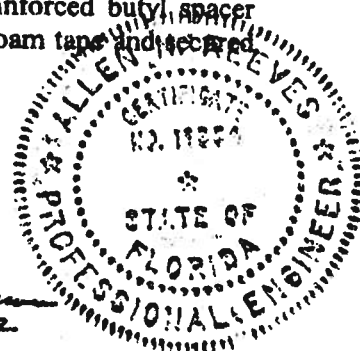
Daylight Opening Size: 4' 9-1/4" wide by 6' 5-1/4" high

Finish All aluminum was white.

Glazing Details: The test specimen utilized 7/8" thick, sealed insulating glass constructed from two sheets of 3/16" thick, clear annealed glass and a metal reinforced butyl spacer system. The glass was interior glazed against double-sided adhesive foam tape and secured with aluminum snap-in glazing beads.

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

Allen H. Rasmussen
1 APR 12 2002





Test Specimen Description: (Continued)

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss.

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck. #8 x 2-1/2" installation screws were utilized 18" on center around the interior perimeter. Polyurethane was utilized to seal the exterior.

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.04 cfm/ft ²	0.3 cfm/ft ² max.
	<i>Note #1: The tested specimen meets the performance levels specified in AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>		
	Water Resistance (ASTM E 547-00) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.01" 0.01"	0.41" max. 0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.0" 0.01"	0.29" max. 0.29" max.

Allen H. Reeves
1 APRIL 2002



Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
	Forced Entry Resistance (ASTM F 588-97)		
	Type: D		
	Grade: 10		
	Hand and Tool Manipulation Test	No entry	No entry
<u>Optional Performance</u>			
4.3	Water Resistance (ASTM E 547-00) WTP = 8.25 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.02"	0.41" max.
	@ 47.2 psf (negative)	0.02"	0.41" max.
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.01"	0.29" max.
	@ 70.8 psf (negative)	0.02"	0.29" max.

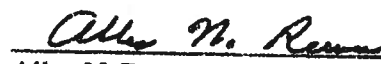
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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

For ARCHITECTURAL TESTING, INC.



Mark A. Hess
Technician

MAH:nlb
01-41135.01


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



ROOF DESIGN

WATERTOWN CONGREGATIONAL METHODIST CHURCH

TRUSS CONNECTOR TABLE *		
TRUSS MARK	CONNECTOR(S)	FASTENERS
A1HG	H16	6 - 1/4"x2 1/4" TITEN (TO CONCRETE)
	H10 (OPPOSITE SIDE)	8 - 8d NAILS (TO PLATE)
A2 thru A18	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)
A19HG	H16	6 - 1/4"x2 1/4" TITEN (TO CONCRETE)
	H10 (OPPOSITE SIDE)	8 - 8d NAILS (TO PLATE)
B1 thru B8A	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)
J1 thru JH7	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)
PBA1 thru PBA10	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)

* SEE ATTACHED TRUSS LAYOUT AND INDIVIDUAL TRUSS DETAIL FROM W.B. HOWLAND

RIDGE BEAM FOR COMMON FRAMED ROOF AREA SHALL BE 2x12 (SPF) No. 2 OR BETTER.
FASTEN RIDGE BEAM TO PRE-ENGINEERED TRUSS WITH MODEL No. HUS210 HANGER
AND TO PLYWOOD ROOF SHEATHING WITH MODEL No. VCT2 CLIP.

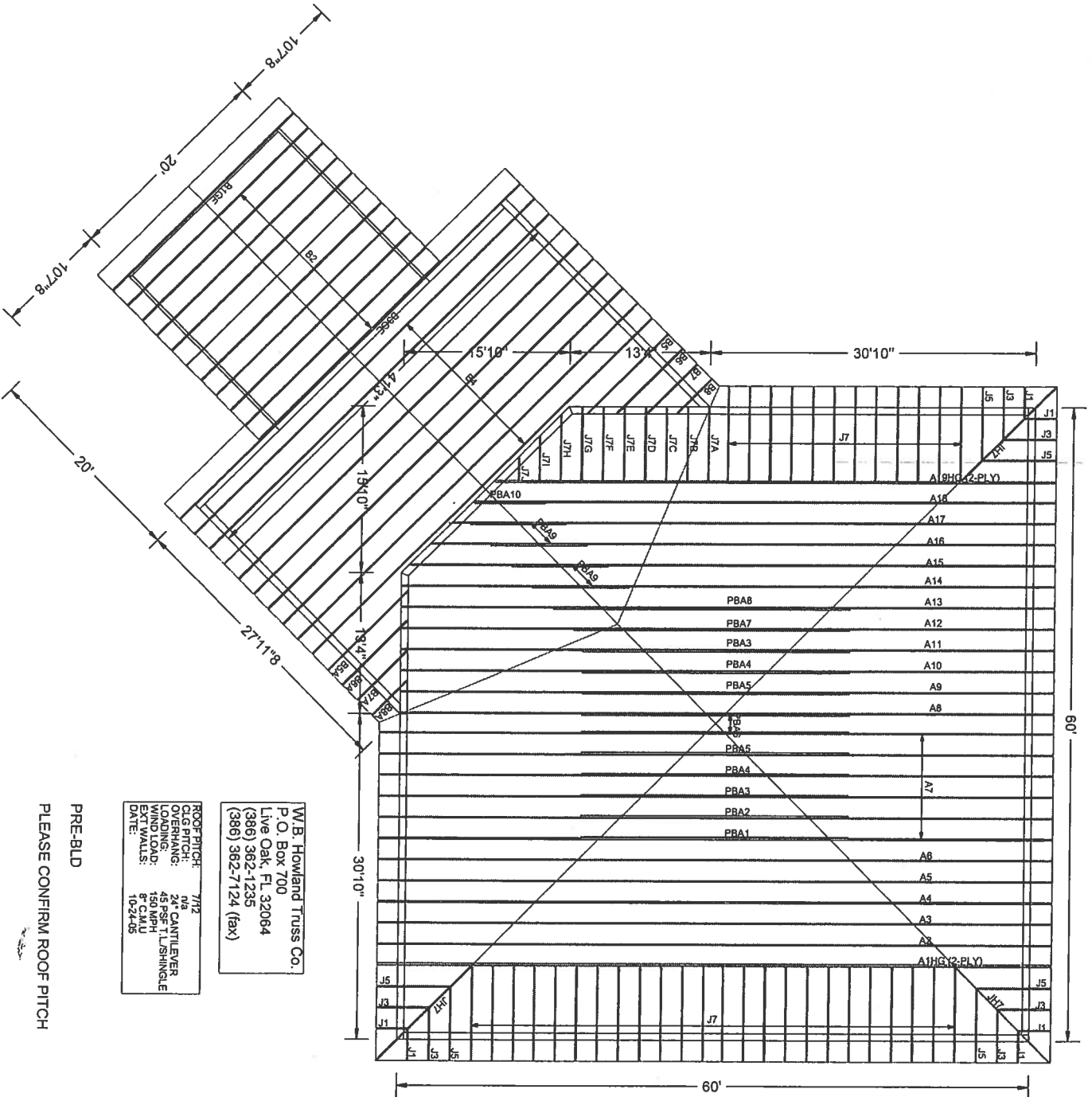
RAFTERS IN COMMON FRAMED ROOF AREA SHALL 2x8 (SPF) No. 2 OR BETTER.
FASTEN RAFTERS TO RIDGE BEAM WITH MODEL No. HUS210 HANGERS AND TO
PLYWOOD ROOF SHEATHING WITH MODEL No. VCT2 CLIP.

THIS CERTIFIES THAT THE ABOVE DESIGNATED FASTENERS WILL PROVIDE THE REQUIRED
UPLIFT RESISTANCE AS DETERMINED BY THE TRUSS ENGINEER/DESIGNER IN
ACCORDANCE WITH THE FLORIDA BUILDING CODE.



R. P. BISHOP, JR.
PE #38546

PRELIMINARY LAYOUT



W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH: 7/12
CLG PITCH: n/a
OVERHANG: 24\"/>

PRE-BLD
PLEASE CONFIRM ROOF PITCH

Job Name: Watertown Congregational
Customer: CONTRACTOR
Designer: Chris McCall

JOB NO:

2898

PAGE NO:

1 OF 1

ROOF DESIGN

WATERTOWN CONGREGATIONAL METHODIST CHURCH

TRUSS CONNECTOR TABLE *		
TRUSS MARK	CONNECTOR(S)	FASTENERS
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	H10 (OPPOSITE SIDE)	8 - 8d NAILS (TO PLATE)
A2 thru A18	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)
A19HG	H16	6 - 1/4"x2 1/4" TITEN (TO CONCRETE)
	H10 (OPPOSITE SIDE)	8 - 8d NAILS (TO PLATE)
B1 thru B8A	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)
J1 thru JH7	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)
PBA1 thru PBA10	2 - H2.5A (OPPOSITE SIDES)	5 - 8D NAILS (TO PLATE)

* SEE ATTACHED TRUSS LAYOUT AND INDIVIDUAL TRUSS DETAIL FROM W.B. HOWLAND

RIDGE BEAM FOR COMMON FRAMED ROOF AREA SHALL BE 2x12 (SPF) No. 2 OR BETTER.
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ACCORDANCE WITH THE FLORIDA BUILDING CODE.


R. P. BISHOP, JR.
PE #38546

RESIDENTIAL HEATING AND COOLING REQUIREMENTS

ne Water Town Congressional

Press 6-147-23-2

Y

		DESIGN TEMPERATURE DIFFERENCE					DESIGN TEMP		
		30°	35°	40°	45°	50°	90°	95°	
ITEM	AREA SQUARE FEET	HEATING MULTIPLIER (CIRCLE ONE)					HEATING (BTUH LOSS)	COOLING MULT. (CIRCLE)	COOLING (BTUH GAIN)
Gross Wall Area	3367								
Glass Area (From page 2)	176								11160
Exterior Walls:									
CBS Furred, No Insulation		9	10	12	13	14		4.5	6.0
CBS Furred, R-3 Insulation		5	6	7	8	8		3.0	4.2
CBS Furred, R-4 Insulation		4	5	6	6	7		2.7	3.8
CBS Furred, R-5 Insulation	3181	4	5	5	6	6	1520	2.5	(3.5) 11144
Frame, No Insulation		8	9	10	11	13		5.5	7.0
Frame, R-11 Insulation		2	2	3	3	4		2.5	3.0
Other									
Partitions, Frame									
Finished 1 side, No Insulation		17	19	22	25	28		6.5	10.0
Finished 2 sides, No Insulation		9	11	12	14	16		4.5	6.0
Finished 2 sides, R-11		2	3	3	4	4		2.0	2.5
Other									
Doors (Excluding glass)									
No weatherstripping		135	160	180	200	225		10.0	13.0
Weatherstripped		70	85	95	110	120		10.0	13.0
R-5 Insulation, No weatherstripping	40	123	144	(164)	185	205	6560	4.3	(5.5) 310
R-5 Insulation, weathr stripping		68	79	90	101	113		4.0	5.0
Other									
Ceiling under attic	Roof								
No Insulation	DK LT	18	21	24	27	30		9 7	10 8.5
R-11 Insulation	DK LT	2.4	2.8	3.2	3.5	3.9		2.5 2	3 2.5
R-19 Insulation	DK LT	1.5	1.7	1.9	2.2	2.4		1.5 1.5	2 1.5
R-22 Insulation	DK LT	1.2	1.5	1.7	1.9	2.1		1.5 1.0	1.5 1.5
R-26 Insulation	DK LT	1.1	1.3	1.4	1.6	1.8		1.3 1	1.5 1.2
R-30 Insulation	(OK) LT	1	1.1	(1.3)	1.4	1.6	5845	1.1 .9	(1.3) 1.0 3845
Other									
Floor, Concrete Slab	Perimeter Ft.								
No Edge Insulation	280	35	40	(40)	45	45	11300	0	0
1 In. Edge Insulation		25	30	30	35	35		0	0
2 In. Edge Insulation		15	20	20	25	25		0	0
Other									
Subtotal							50345		30369
People @ 300 & Appl. @ 1200									70000
Sensible BTUH Gain									104569
Duct BTUH Loss & Gain									
1 In. Flex. Insulation				.15				.15	
1½ In. Flex. Insulation				.125				.125	
2 In. Flex. or 1 In. Rigid				.10			5025	.10	10457
Total BTUH Loss									
Subtotal BTUH Gain							5570		115036
x 1.3 = Total BTUH Gain							71451		149534

Total Heating Requirements = 21051 BTUH

Total Cooling Requirements = 149,534 BTUH

**HEATING & COOLING REQUIREMENTS
DUE TO GLASS AREA**

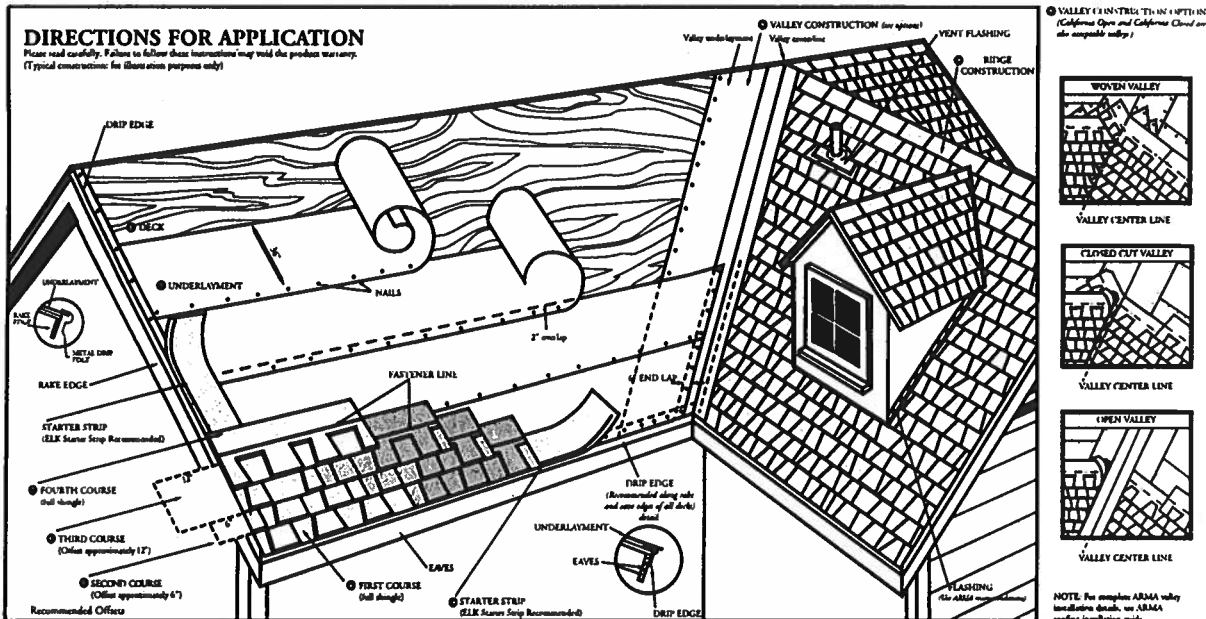
WINDOWS & GLASS DOORS		AREA SQUARE FEET	DESIGN TEMPERATURE DIFFERENCE					HEATING MULTIPLIER (CIRCLE ONE)	HEATING (BTUH LOSS)
			30°	35°	40°	45°	50°		
Glass Doors, Infiltration less than 1.0 CFM/FT									
	Single Glass		50	60	70	75	85		
	Double Glass	82	40	45	50	55	60		4000
Other Sliding Glass Doors									
	Single Glass		75	85	100	115	125		
	Double Glass		60	70	80	90	100		
Windows, Infiltration less than 0.50 CFM/FT									
	Single Glass		40	50	55	60	70		
	Double Glass	96	25	30	35	40	45		6720
Windows, Infiltration less than 0.75 CFM/FT									
	Single Glass		45	50	60	65	75		
	Double Glass		30	35	40	45	50		
Other Windows									
	Single Glass		75	90	105	115	130		
	Double Glass		60	70	80	90	105		
Fixed or Picture Windows									
	Single Glass		40	50	55	60	70		
	Double Glass		25	30	35	40	45		
Other									
Total BTUH Loss (Enter on Line 2, Page 1)									10720

WINDOWS & GLASS DOORS	AREA SQUARE FEET	COOLING MULTIPLIER (CIRCLE)												COOLING (BTUH GAIN)	
		SINGLE GLASS						DOUBLE GLASS							
		90°			95°			90°			95°				
		C	T	R	C	T	R	C	T	R	C	T	R		
No Shading															
N	34	30	22	20	30	26	25	20	14	13	(25)	17	16		600
NE & NW		60	41	36	65	45	41	50	29	24	50	32	27		
E & W	128	85	60	53	90	64	57	70	44	36	(75)	47	39		9600
SE & SW		75	51	45	80	55	50	60	37	30	65	40	33		
S	57	45	31	28	50	35	33	35	21	18	(40)	24	21		960
Draperies or Blinds															
N		20	17	16	25	21	20	15	11	11	20	14	14		
NE & NW		35	33	30	40	37	34	30	22	21	35	25	24		
E & W		55	48	43	55	52	47	45	32	30	50	35	33		
SE & SW		45	39	35	50	43	39	40	26	25	40	29	28		
S		30	26	24	30	30	28	25	17	16	25	20	19		
Roller Shades															
N		25	19	17	25	23	22	20	12	11	20	15	14		
NE & NW		45	36	32	50	40	37	40	26	22	45	29	25		
E & W		65	53	47	70	57	51	55	37	32	60	40	35		
SE & SW		55	44	39	60	48	44	50	32	27	50	35	30		
S		35	28	25	40	32	30	30	20	16	35	23	19		
Awnings, Porches, Etc.															
All Directions		25	22	20	30	26	25	15	14	13	20	17	16		
Other															
Total BTUH Gain (Line 2, Page 1)															11160

(C - Clear T - Tinted R - Reflective)

DIRECTIONS FOR APPLICATION

Please read carefully. Failure to follow these instructions may void the product warranty.
(Typical construction for illustration purposes only)



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

1 DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

2 UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt, Elk Versashield® or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 18". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

3 STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

4 FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof.

5 SECOND COURSE

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

6 THIRD COURSE

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

7 FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

3 VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

4 RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z-Ridge or Seal-A-Ridge® with formula FLX™ or RidgeCrest® with FLX (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between end/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

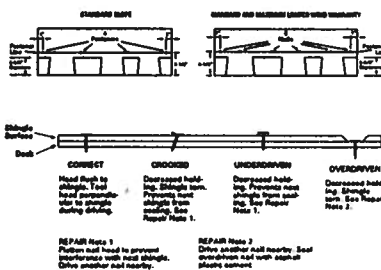
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only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

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along - and through - the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

ELK
The Premium Choice™
www.elkcorp.com

**ELK**

ROOFING PRODUCTS SPECIFICATIONS – TUSCALOOSA, AL

**PRESTIQUE®
HIGH DEFINITION®****RAISED PROFILE®****Prestique Plus High Definition
and Prestique Gallery Collection****

Product size _____ 13'6" x 39"
 Exposure _____ 5"
 Pieces/Bundle _____ 16
 Bundles/Square _____ 4/98.5 sq.ft.
 Squares/Pallet _____ 11

50-year limited warranty period:
 5-7**years non-prorated coverage for
 shingles and application labor with
 prorated coverage for remainder of
 limited warranty period, plus an
 option for transferability*. 5-year
 limited wind warranty*. Wind
 Coverage: standard 80 mph, extended
 110 mph***

Raised Profile

Product size _____ 13'6" x 38"
 Exposure _____ 5"
 Pieces/Bundle _____ 22
 Bundles/Square _____ 3/100 sq.ft.
 Squares/Pallet _____ 16

30-year limited warranty period:
 5-7**years non-prorated coverage for
 shingles and application labor with
 prorated coverage for remainder of
 limited warranty period, plus an
 option for transferability*. 5-year
 limited wind warranty*. Wind
 Coverage: standard 70 mph.

Prestique I High Definition

Product size _____ 13'6" x 39"
 Exposure _____ 5"
 Pieces/Bundle _____ 16
 Bundles/Square _____ 4/98.5 sq.ft.
 Squares/Pallet _____ 14

40-year limited warranty period:
 5-7**years non-prorated coverage for
 shingles and application labor with
 prorated coverage for remainder of
 limited warranty period, plus an
 option for transferability*. 5-year
 limited wind warranty*. Wind
 Coverage: standard 80 mph, extended
 90 mph***

HIP AND RIDGE SHINGLES**Seal-A-Ridge™ w/FLX™**

Size: 12" x 12"
 Exposure: 8"
 Pieces/Bundle: 45
 Coverage: 4 Bundles =
 100 linear feet

Vented RidgeCrest™ w/FLX™

Size: 13" x 13"
 Exposure: 9"
 Pieces/Box: 26
 Coverage: 5 boxes =
 100 linear feet

Prestique High Definition

Product size _____ 13'6" x 38"
 Exposure _____ 5"
 Pieces/Bundle _____ 22
 Bundles/Square _____ 3/100 sq.ft.
 Squares/Pallet _____ 16

30-year limited warranty period:
 5-7**years non-prorated coverage for
 shingles and application labor with
 prorated coverage for remainder of
 limited warranty period, plus an
 option for transferability*. 5-year
 limited wind warranty*. Wind
 Coverage: standard 80 mph.

Elk Starter Strip

52 Bundles/Pallet
 18 Pallets/Truck
 936 Bundles/Truck
 19 Pieces/Bundle
 1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Weatheredwood, Shakeswood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood.
 Gallery Collection: Balsam Forest®, Weathered Sage®, Sienna Sunset®.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790);
 and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

*See actual limited warranty for conditions and limitations.

**Effective January 1, 2004, the seven year non-prorated Umbrella Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for each product. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rakes and eave edges, an Elk ventilation system, and Elk All-Climate Self-Adhering Underlayment in all valleys. Additionally, Elk All-Climate Self-Adhering Underlayment is required along the rake and eave edges of the roof in and north of the states of VA, KY, MD, DC, CO, UT, WY, & OR.

***For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grand®, at least six (6) properly placed HAULE and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

Scope: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.8/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes (4" per foot (101.8/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

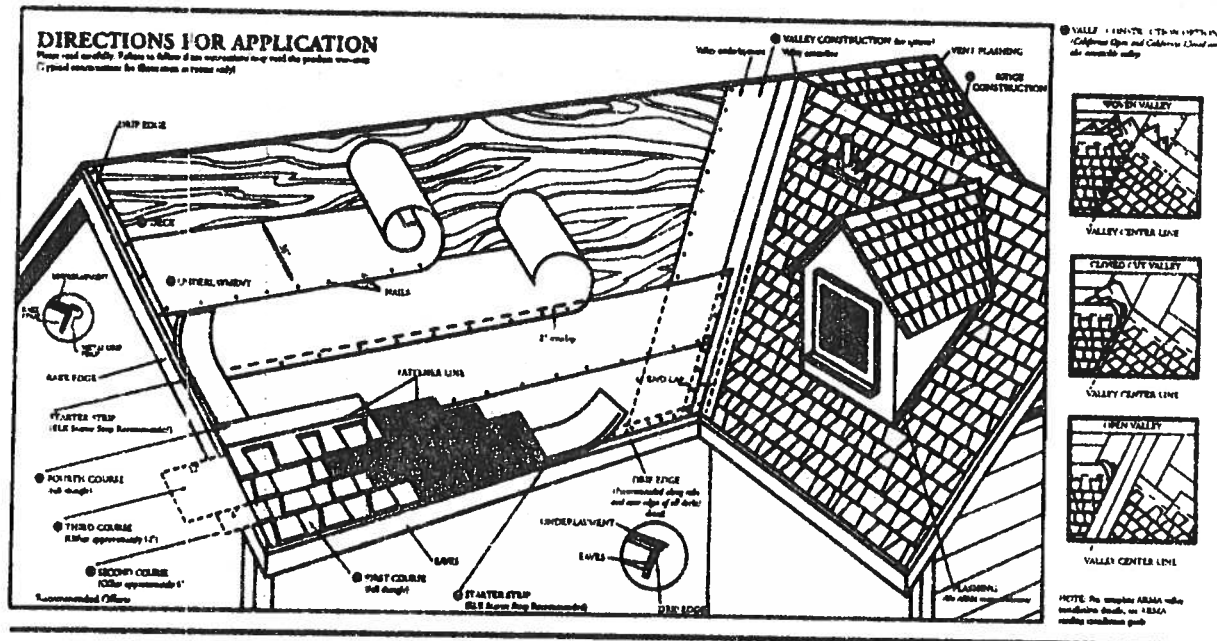
For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

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DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All edges should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt, Elk Versoshield® or self-adhering underlayment is also acceptable. Cover drip ridge or eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 18". Begin by fastening a 18" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE BARS (ASK A ROOFING CONTRACTOR. REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 80 pounds over the full underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overlapping the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 65" on the roof.

SECOND COURSE

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

THIRD COURSE

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

FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" 2" Ridges or Seal-A-Ridge® with formula FLX® or RidgeCrest® with FLX (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 18-gauge minimum, crown width minimum of 18/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MAINTENANCE APPLICATIONS

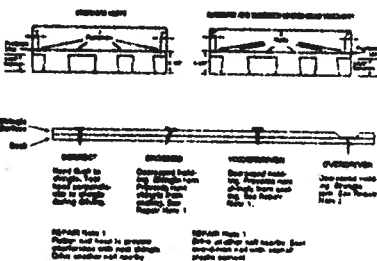
Correct fastening is critical to the performance of the roof. For slopes exceeding 65° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 8 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 119 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 8 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overlapping the eaves or rake edge more than 3/4" of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALE: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

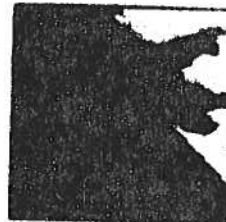
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**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE®

Prestique Plus High Definition and Prestique Gallery Collection**

Product size 13 1/2" x 36 1/2"
Exposure 9 1/2"
Pieces/Bundle 18
Bundles/Square 4/98.5 sq. ft.
Squares/Pallet 11

30-year limited warranty period:
5-7** years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 80 mph, extended
110 mph***

Raised Profile

Product size 13 1/2" x 36 1/2"
Exposure 9 1/2"
Pieces/Bundle 22
Bundles/Square 3/100 sq. ft.
Squares/Pallet 18

30-year limited warranty period:
5-7** years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 78 mph

Prestique I High Definition

Product size 13 1/2" x 36 1/2"
Exposure 9 1/2"
Pieces/Bundle 18
Bundles/Square 4/98.5 sq. ft.
Squares/Pallet 14

40-year limited warranty period:
5-7** years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 80 mph, extended
80 mph***

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX®

Size: 12" x 12"
Exposure: 6 1/2"
Pieces/Bundle: 48
Coverage: 4 Bundles =
100 linear feet

Vented RidgeCrest™ w/FLX®

Size: 13" x 13"
Exposure: 9 1/2"
Pieces/Box: 25
Coverage: 5 Boxes =
100 linear feet

Prestique High Definition

Product size 13 1/2" x 36 1/2"
Exposure 9 1/2"
Pieces/Bundle 22
Bundles/Square 3/100 sq. ft.
Squares/Pallet 18

30-year limited warranty period:
5-7** years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 80 mph.

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
18 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Whistledown, Shakeswood, Slatewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood.
Gallery Collection: Barkwood, Whistledown, Shakeswood, Slatewood.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestiques and Raised Profile shingles meet UL® Wind Resistant (UL 580) and Class "A" Fire Ratings (UL 790);
and ASTM Specifications D 3918, Type-I; D 3101, Type-I; E 196 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

**See actual limited warranty for conditions and limitations.

***Effective January 1, 2013, the seven year non-prorated Coverage Period applies only when a full Elk Start System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for each product. A full Elk start system includes Elk Hip and Ridge shingles on all hips and ridges. Elk Starter Strip along all eaves and gable edges, on Elk ventilation systems, and Elk All-Climate Seal-Adhesive Underlayment in all valleys. Additionally, Elk All-Climate Seal-Adhesive Underlayment is required along the eaves and gable edges of the roof to and north of the eaves of 1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/4", 2 1/2", 2 3/4", 3", 3 1/4", 3 1/2", 3 3/4", 4", 4 1/4", 4 1/2", 4 3/4", 5", 5 1/4", 5 1/2", 5 3/4", 6", 6 1/4", 6 1/2", 6 3/4", 7", 7 1/4", 7 1/2", 7 3/4", 8", 8 1/4", 8 1/2", 8 3/4", 9", 9 1/4", 9 1/2", 9 3/4", 10", 10 1/4", 10 1/2", 10 3/4", 11", 11 1/4", 11 1/2", 11 3/4", 12", 12 1/4", 12 1/2", 12 3/4", 13", 13 1/4", 13 1/2", 13 3/4", 14", 14 1/4", 14 1/2", 14 3/4", 15", 15 1/4", 15 1/2", 15 3/4", 16", 16 1/4", 16 1/2", 16 3/4", 17", 17 1/4", 17 1/2", 17 3/4", 18", 18 1/4", 18 1/2", 18 3/4", 19", 19 1/4", 19 1/2", 19 3/4", 20", 20 1/4", 20 1/2", 20 3/4", 21", 21 1/4", 21 1/2", 21 3/4", 22", 22 1/4", 22 1/2", 22 3/4", 23", 23 1/4", 23 1/2", 23 3/4", 24", 24 1/4", 24 1/2", 24 3/4", 25", 25 1/4", 25 1/2", 25 3/4", 26", 26 1/4", 26 1/2", 26 3/4", 27", 27 1/4", 27 1/2", 27 3/4", 28", 28 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RESIDENTIAL HEATING AND COOLING REQUIREMENTS

Name Water Town Congressional
 Address 10000 2nd St
 City

ITEM	AREA SQUARE FEET	DESIGN TEMPERATURE DIFFERENCE					HEATING (BTUH LOSS)	DESIGN TEMP		COOLING (BTUH GAIN)
		30°	35°	40°	45°	50°		90°	95°	
Gross Wall Area	3352									
Glass Area (From page 2)	176						10720			11160
Exterior Walls:								4.5	6.0	
CBS Furred, No Insulation		9	10	12	13	14		3.0	4.2	
CBS Furred, R-3 Insulation		5	6	7	8	8		2.7	3.8	
CBS Furred, R-4 Insulation		4	5	6	6	7		2.5	(3.5)	11144
CBS Furred, R-5 Insulation	3181	4	5	5	6	6	15720	5.5	7.0	
Frame, No Insulation		8	9	10	11	13		2.5	3.0	
Frame, R-11 Insulation		2	2	3	3	4				
Other										
Partitions, Frame								6.5	10.0	
Finished 1 side, No Insulation		17	19	22	25	28		4.5	6.0	
Finished 2 sides, No Insulation		9	11	12	14	16		2.0	2.5	
Finished 2 sides, R-11		2	3	3	4	4				
Other										
Doors (Excluding glass)								10.0	13.0	
No weatherstripping		135	160	180	200	225		10.0	13.0	
Weatherstripped		70	85	95	110	120		4.3	(5.5)	5160
R-5 Insulation, No weatherstripping	40	123	144	(164)	185	205	6560	4.0	5.0	
R-5 Insulation, weatherstripping		68	79	90	101	113				
Other										
Ceiling under attic								9	7	10
No Insulation		18	21	24	27	30		2.5	2	3
R-11 Insulation	DK LT	2.4	2.8	3.2	3.5	3.9		1.5	1.5	2
R-19 Insulation	DK LT	1.5	1.7	1.9	2.2	2.4		1.5	1.0	1.5
R-22 Insulation	DK LT	1.2	1.5	1.7	1.9	2.1		1.3	1	1.5
R-26 Insulation	DK LT	1.1	1.3	1.4	1.6	1.8		1.1	.9	1.3
R-30 Insulation	(OK) LT	1	1.1	(1.3)	1.4	1.6	5845			
Other										
Floor, Concrete Slab	Perimeter Ft.							0	0	
No Edge Insulation	280	35	40	40	45	45	16200	0	0	
1 In. Edge Insulation		25	30	30	35	35		0	0	
2 In. Edge Insulation		15	20	20	25	25		0	0	
Other										
Subtotal							50345			50369
People @ 300 & Appl. @ 1200							4			7000
Sensible BTUH Gain										104569
Duct BTUH Loss & Gain								.15		
1 In. Flex. Insulation								.125		
1 1/2 In. Flex. Insulation							5035	.10		10457
2 In. Flex. or 1 In. Rigid										
Total BTUH Loss							5570			115026
Subtotal BTUH Gain							71251			149534
x 1.3 = Total BTUH Gain										

Total Heating Requirements = 71251 BTUH

Total Cooling Requirements = 149534 BTUH

**HEATING & COOLING REQUIREMENTS
DUE TO GLASS AREA**

		DESIGN TEMPERATURE DIFFERENCE					HEATING MULTIPLIER (CIRCLE ONE)	HEATING (BTUH LOSS)
		30°	35°	40°	45°	50°		
WINDOWS & GLASS DOORS	AREA SQUARE FEET							
Glass Doors, Infiltration less than 1.0 CFM/FT								
Single Glass		50	60	70	75	85		
Double Glass	82	40	45	(50)	55	60		4000
Other Sliding Glass Doors								
Single Glass		75	85	100	115	125		
Double Glass		60	70	80	90	100		
Windows, Infiltration less than 0.50 CFM/FT								
Single Glass		40	50	55	60	70		
Double Glass	96	25	30	(35)	40	45		6720
Windows, Infiltration less than 0.75 CFM/FT								
Single Glass		45	50	60	65	75		
Double Glass		30	35	40	45	50		
Other Windows								
Single Glass		75	90	105	115	130		
Double Glass		60	70	80	90	105		
Fixed or Picture Windows								
Single Glass		40	50	55	60	70		
Double Glass		25	30	35	40	45		
Other								
Total BTUH Loss (Enter on Line 2, Page 1)								10720

WINDOWS & GLASS DOORS	AREA SQUARE FEET	COOLING MULTIPLIER (CIRCLE)												COOLING (BTUH GAIN)	
		SINGLE GLASS						DOUBLE GLASS							
		90°			95°			90°			95°				
		C	T	R	C	T	R	C	T	R	C	T	R		
No Shading															
N	22	30	22	20	30	26	25	20	14	13	(25)	17	16		600
NE & NW		60	41	36	65	45	41	50	29	24	50	32	27		
E & W	132	85	60	53	90	64	57	70	44	36	(75)	47	39		9600
SE & SW		75	51	45	80	55	50	60	37	30	65	40	33		
S	77	45	31	28	50	35	33	35	21	18	(40)	24	21		760
Draperies or Blinds															
N		20	17	16	25	21	20	15	11	11	20	14	14		
NE & NW		35	33	30	40	37	34	30	22	21	35	25	24		
E & W		55	48	43	55	52	47	45	32	30	50	35	33		
SE & SW		45	39	35	50	43	39	40	26	25	40	29	28		
S		30	26	24	30	30	28	25	17	16	25	20	19		
Roller Shades															
N		25	19	17	25	23	22	20	12	11	20	15	14		
NE & NW		45	36	32	50	40	37	40	26	22	45	29	25		
E & W		65	53	47	70	57	51	55	37	32	60	40	35		
SE & SW		55	44	39	60	48	44	50	32	27	50	35	30		
S		35	28	25	40	32	30	30	20	16	35	23	19		
Awnings, Porches, Etc.															
All Directions		25	22	20	30	26	25	15	14	13	20	17	16		
Other															
Total BTUH Gain (Line 2, Page 1)															11160

(C - Clear T - Tinted R - Reflective)



**AAMA/NWWDA 101/L.S.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

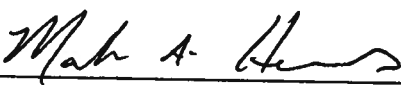
SERIES/MODEL: 650

TYPE: Aluminum Picture Window

Title of Test	Results
Rating	F-R45 60 x 80
Overall Design Pressure	+45.0 psf -47.2 psf
Air Infiltration	0.04 cfm/ft ²
Water Resistance	8.25 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41135.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Mark A. Hess, Technician

MAH:nlb


Allen N. Reeves
1 APRIL 2002



Architectural Testing

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

Rendered to

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

Report No: 01-41135.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650, aluminum picture window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a F-R45 60 x 80 rating.

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

Test Specimen Description:

Series/Model: 650

Type: Aluminum Picture Window

Overall Size: 5' 0" wide by 6' 8" high

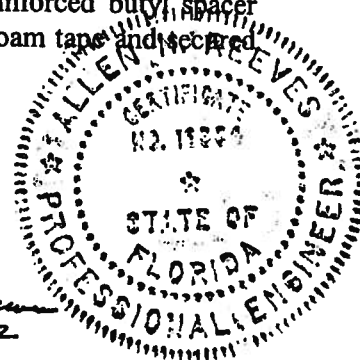
Daylight Opening Size: 4' 9-1/4" wide by 6' 5-1/4" high

Finish All aluminum was white.

Glazing Details: The test specimen utilized 7/8" thick, sealed insulating glass constructed from two sheets of 3/16" thick, clear annealed glass and a metal reinforced butyl spacer system. The glass was interior glazed against double-sided adhesive foam tape and secured with aluminum snap-in glazing beads.

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

Allen M. Ream
1 APR 12 2002





Test Specimen Description: (Continued)

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss.

Reinforcement: No reinforcement was utilized.

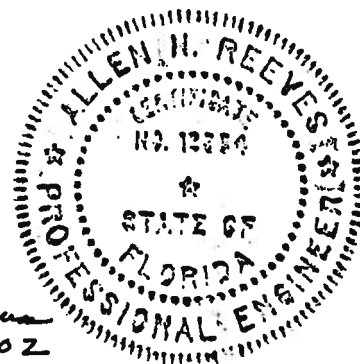
Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck. #8 x 2-1/2" installation screws were utilized 18" on center around the interior perimeter. Polyurethane was utilized to seal the exterior.

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.04 cfm/ft ²	0.3 cfm/ft ² max.
	Water Resistance (ASTM E 547-00) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.01" 0.01"	0.41" max. 0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the jamb) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.0" 0.01"	0.29" max. 0.29" max.

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



Allen H. Reeves
1 APRIL 2002



Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
	Forced Entry Resistance (ASTM F 588-97)		
	Type: D		
	Grade: 10		
	Hand and Tool Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance (ASTM E 547-00)		
	WTP = 8.25 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97)		
	(Measurements reported were taken on the jamb)		
	(Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.02"	0.41" max.
	@ 47.2 psf (negative)	0.02"	0.41" max.
	Uniform Load Structural (ASTM E 330-97)		
	(Measurements reported were taken on the jamb)		
	(Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.01"	0.29" max.
	@ 70.8 psf (negative)	0.02"	0.29" max.

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

For ARCHITECTURAL TESTING, INC.

Mark A. Hess
Technician

MAH:nlb
01-41135.01

Allen N. Reeves, P.E.
Director - Engineering Services

1 APRIL 2002



**W.B. Howland Co., Inc.**

Truss Department - P.O. Box 700
Live Oak, FL 32064

Phone: (386) 362-1235 * Fax: (386) 362-7124

QUOTATION

Job #: 2898

Date: Monday, Oct 24 2005

Customer Information:

Name:

CONTRACTOR

Contact:

Address:

City, State, Zip

Project Information:

Name:

Watertown Congregational Methodist Church

Address:

Region:

City, State, Zip

LAKE CITY, FL

Salesman:

Chris McCall

Designer:

Chris McCall

Notes:

PLEASE ADVISE IF SEALED TRUSS DRAWINGS
ARE NEEDED. THERE IS A \$300.00 DEPOSIT
REQUIRED FOR THE DRAWINGS.

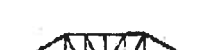
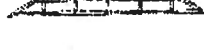
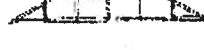
Job#: 2898

Customer **CONTRACTOR**

QUOTATION

QTY	SPAN	DESCRIPTION	Truss	SLOPE TC/BC	OH - L OH - R	CANT-L CANT-R	STUB-L STUB-R
1	24-00-00	T1 24' Gable 130.1 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
10	24-00-00	T33 24' Common 137.1 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	45-03-00	T3 45'3" Gable 289.4 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
9	45-03-00	T2 45'3" Common 285.1 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	10-07-13	T48 10'7"13 Mono 61.54 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	08-07-13	T49 8'7"13 Mono 51.73 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	06-07-13	T50 6'7"13 Mono 37.76 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	04-07-13	T51 4'7"13 Mono 25.57 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	04-07-13	T47 4'7"13 Common 25.57 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	06-07-13	T46 6'7"13 Common 37.76 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	08-07-13	T45 8'7"13 Common 51.73 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	10-07-13	T44 10'7"13 Common 61.54 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	02-02-00	T40 2'2" End Jack 58.74 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	53-02-00	T5 53'2" Mono Hip G 2-Ply 400.3 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	04-02-00	T39 4'2" End Jack 58.74 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00

QTY	SPAN	DESCRIPTION	Truss	SLOPE TC/BC	OH - L OH - R	CANT-L CANT-R	STUB-L STUB-R
1	06-02-00	T38 6'2" End Jack 61.54 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	T32 7' End Jack 72.73 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	T31 7' End Jack 67.13 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	T43 7' End Jack 82.84 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	T42 7' End Jack 83.74 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	T41 7' End Jack 81.75 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	T30 7' End Jack 85.94 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	T37 7' End Jack 47.55 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
36	09-00-00	T29 9' End Jack 57.34 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	64-00-00	T17 64' Steppedown Hi 2 Ply 440.8 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
6	07-00-00	T35 7' Jack 27.97 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
3	12-08-12	T28 12'8"12 Hip Jac 71.33 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	02-09-15 00-00-00	00-00-00 00-00-00
6	08-00-00	T35 5' Jack 18.18 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
6	03-00-00	T34 3' Jack 12.69 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	55-02-00	T6 55'2" Special 483.2 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	57-02-00	T7 57'2" Special 491.9 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	59-02-00	T8 59'2" Special 508 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	61-02-00	T9 61'2" Special 516.4 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	62-00-00	T10 62' Special 531.7 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	62-00-00	T11 62' Special 501 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	62-00-00	T12 62' Special 495.4 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	62-00-00	T13 62' Special 512.2 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
1	62-00-00	T14 62' Special 489.8 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00

QTY	SPAN	DESCRIPTION	Truss	SLOPE TG/BC	CH - L CH - R	CANT-L CANT-R	STUB-L STUB-R
1	62-00-00	T4 62' Special 488.2 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
2	25-03-13	T58 25'3"13 Stepdo 104.9 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	62-00-00	T16 62' Stepdown Hi 507.9 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 00-00-00	00-00-00 00-00-00
2	25-03-13	T59 25'3"13 Stepdo 109.1 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
6	64-00-00	T24 64' Stepdown Hi 512.1 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	25-03-13	T60 25'3"13 Stepdo 89.51 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	25-03-13	T15 25'3"13 Stepdo 86.71 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
2	25-03-13	T56 25'3"13 Stepdo 96.50 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
2	25-03-13	T57 25'3"13 Stepdo 100.7 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	64-00-00	T22 64' Stepdown Hi 484 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	64-00-00	T21 64' Stepdown Hi 488.0 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	64-00-00	T20 64' Stepdown Hi 462.8 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	64-00-00	T19 64' Stepdown Hi 457.6 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	64-00-00	T18 64' Stepdown Hi 471.6 lbs. each		7.00 2x6 / 2x6	00-00-00 00-00-00	02-00-00 02-00-00	00-00-00 00-00-00
1	28-02-02	T55 26'2"2 Special 95.10 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	28-02-02	T54 28'2"2 Special 100.7 lbs. each		7.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
4	09-02-00	T53 92" Common 27.97 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	08-09-02	T52 69'12 Special 25.17 lbs. each		4.95 2x4 / 2x4	00-00-00 00-00-00	00-00-00 01-11-06	00-00-00 00-00-00

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's, or his agents acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Bracing Wood Truss: Commentary and Recommendations", HIB-91, published by Truss Plate Institute, Inc. It is the customers responsibility to provide access to the jobsite.

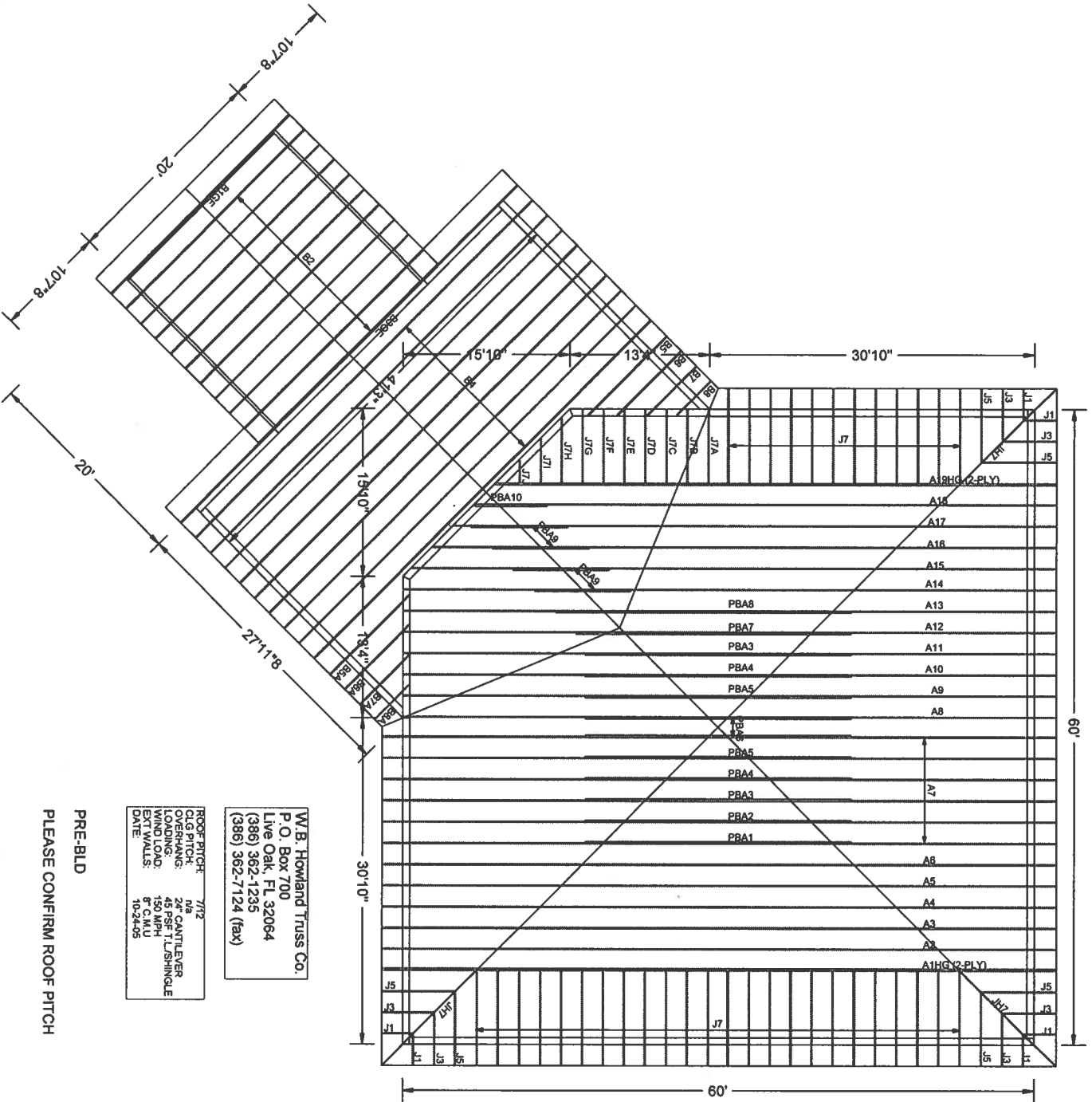
I hereby authorize fabrication in accordance with the proposal. Trusses remain the property of the manufacture until full payment is made. Quoted price valid for 30 days.

Net Total	\$12,158.73
Tax	\$0.00
Grand Total	\$12,158.73

Accepted By _____

P.O. _____

PRELIMINARY LAYOUT



W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH: 7/12
CLG PITCH: NA
OVERHANG: 24" CANTILEVER
LOADING: 45 PSF T.L./SHINGLE
WIND LOAD: 150 MPH
EXT. WALLS: 8" C.M.U.
DATE: 10-24-05

PRE-BLD
PLEASE CONFIRM ROOF PITCH

Job Name: Watertown Congregational
Customer: CONTRACTOR
Designer: Chris McCall

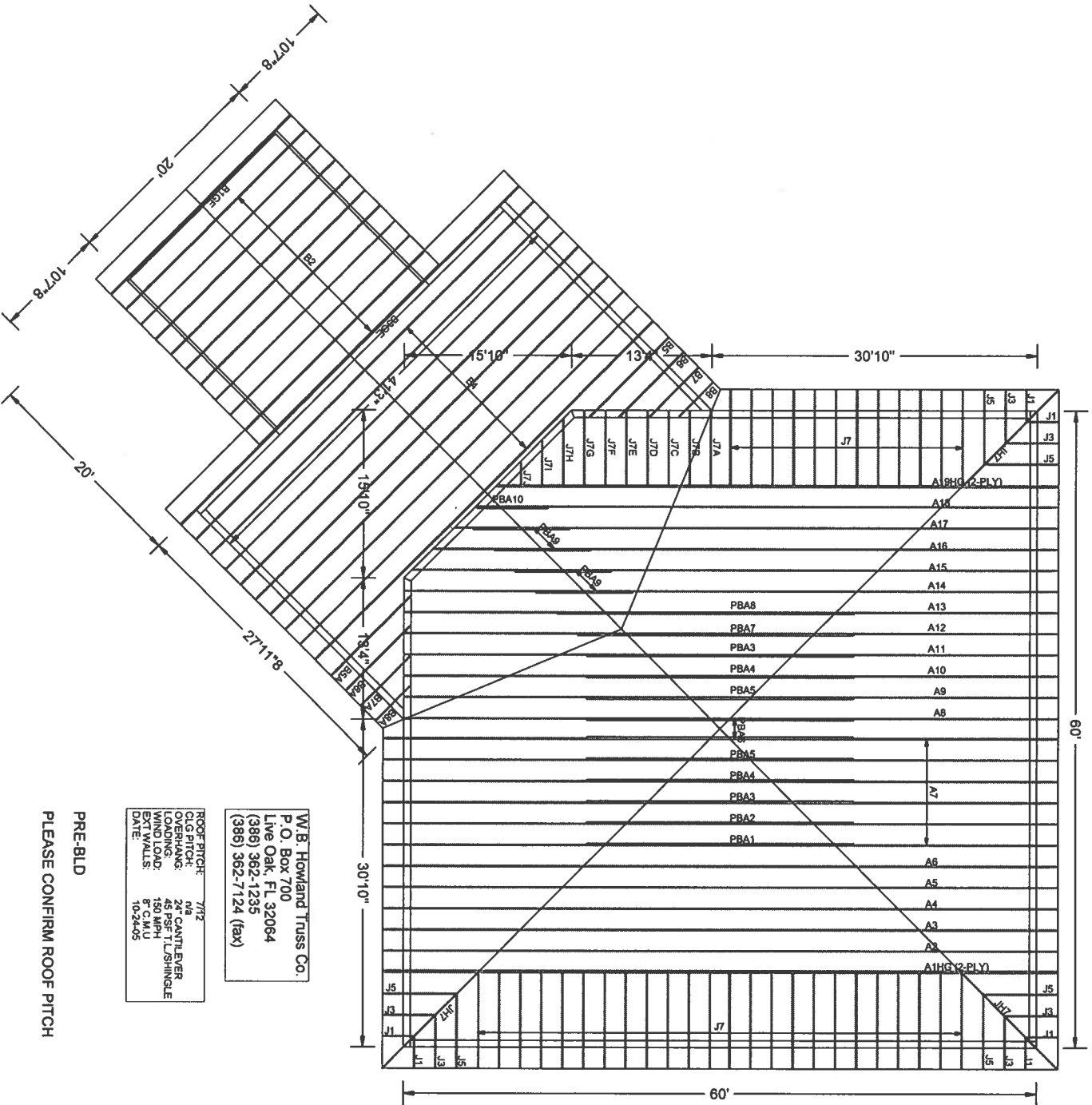
JOB NO:

2898

PAGE NO:

1 OF 1

PRELIMINARY LAYOUT



W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH: 7/12
CLG PITCH: 1/8
OVERHANG: 24" CANTILEVER
LOADING: 45 PSF T.L./SHINGLE
WIND LOAD: 150 MPH
EXT WALLS: 8" CMU
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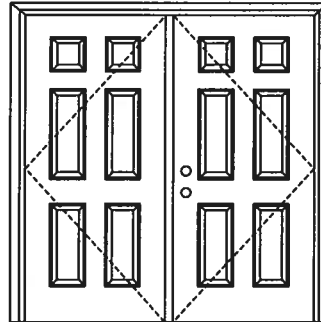
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2898

PAGE NO:
1 OF 1

XX

Opaque Outswing Unit

COP-WL-JH4122-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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

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

Design Pressure
+45.0/-45.0
limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is NOT REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0012-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson™
EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

Masonite International Corporation

YY

Opaque Outswing Unit

COP-WL-JH4122-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1864-4, 5, 6, 7, 8;
NCTL 210-2178-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

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



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



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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EntrySystems

June 17, 2002

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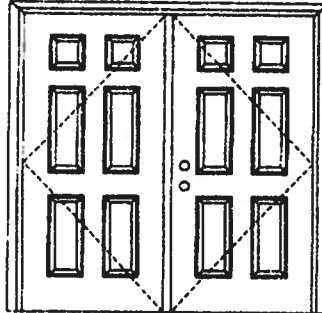
Masonite

Masonite International Corporation

XX

Opaque Outswing Unit

COP-WL-JH4122-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

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Note:

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

Double Door

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

Design Pressure

+45.0/-45.0

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

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

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Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson™
EntrySystems

June 17, 2002

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

PREMDOR Collection
Premium Quality Doors



Exclusively from

Masonite®

Masonite International Corporation

YY

Opaque Outswing Unit

COP-WL-JH4122-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12, NCTL 210-1864-4, 5, 6, 7, 8;
NCTL 210-2178-1, 2, 3

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

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Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY STATE

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

Kurt L Balthaz

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

Warnock Hervey



Test Data Review Certificate #3026447A and COP/ Test Report Validation Matrix #3026447A-001 provides additional information - available from the T&S/WH website (www.stitemko.com); the Masonite website (www.masonite.com) or the Masonite technical center.

2

Johnson
EntrySystems

June 17, 2002

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



Exclusively from

Masonite International Corporation

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR FLORIDA BUILDING CODE 2001 WITH AMENDMENTS
ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE
 EFFECTIVE MARCH 1, 2002

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

- APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Applicant

Plans Examiner

- ☐ ☒ All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
 - ☐ ☒ Designers name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed.
 - ☐ ☒ Two (2) Copies of Approved Site Plan
 - ☐ ☒ Minimum Type Construction (FBC Table 500)
 - ☐ ☒ Wind Load Engineering Summary, calculations and any details required:
 - a) Plans or specifications must state compliance with FBC Section 1606
 - b) The following information must be shown as per section 1606.1.7 FBC
 1. Basic wind speed (MPH) 100
 2. Wind importance factor (I) and building category 1.0
 3. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated B
 4. The applicable internal pressure coefficient
 5. 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 specifically designed by the registered design professional
 - ☐ ☒ Fire Resistant Construction Requirements shall include:
 - a) Fire resistant separations (listed system)
 - b) Fire resistant protection for type of construction
 - c) Protection of openings and penetrations of rated walls (listed systems)
 - d) Fire blocking and draft-stopping See Note 1
 - e) Calculated fire resistance

Fire Suppression Systems shall include: (To be reviewed by Fire Department)

- | | | |
|--------------------------|--------------------------|---|
| ☐ | ☐ | a) Fire sprinklers |
| ☐ | ☐ | b) Fire alarm system (early warning) with name of licensed installer. If not shown on plans or not known at time of permitting, a separate permit shall be required by the licensed installer |
| ☐ | ☐ | c) Smoke evacuation system schematic |
| ☐ | ☐ | d) Stand-pipes |
| | | Pre-engineered system |
| | | Riser diagram |

Life Safety Systems shall include: (To be reviewed by Fire Department)

- | | | |
|--------------------------|--------------------------|---------------------------------------|
| ☐ | ☐ | a) Occupancy load and egress capacity |
| ☐ | ☐ | b) Early warning |
| ☐ | ☐ | c) Smoke control |
| ☐ | ☐ | d) Stair pressurization |
| ☐ | ☐ | e) Systems schematic |

Occupancy Load/Egress Requirements shall include:

- | | | |
|--------------------------|--------------------------|---|
| ☐ | ☐ | a) Occupancy load (gross and net) |
| ☐ | ☐ | b) Means of egress |
| | | exit access, exit and exit discharge |
| ☐ | ☐ | c) Stair construction/geometry and protection |
| ☐ | ☐ | d) Doors |
| ☐ | ☐ | e) Emergency lighting and exit signs |
| ☐ | ☐ | f) Specific occupancy requirements |
| | | 1. Construction requirements |
| | | 2. Horizontal exits/exit passageways |

Structural Requirements shall include:

- | | | |
|--------------------------|--------------------------|---|
| ☐ | ☐ | a) Soil conditions/analysis |
| ☐ | ☐ | b) Show type of termite treatment (termicide or alternative method) |
| ☐ | ☐ | c) Design loads |
| ☐ | ☐ | d) Wind requirements |
| ☐ | ☐ | e) Building envelope |
| ☐ | ☐ | f) Structural calculations |
| ☐ | ☐ | g) Foundations |
| ☐ | ☐ | h) Wall systems |
| ☐ | ☐ | i) Floor systems |
| ☐ | ☐ | j) Roof systems |
| ☐ | ☐ | k) Threshold inspection plan (if applicable) |
| ☐ | ☐ | l) Stair systems |

Materials shall include:

- | | | |
|--------------------------|--------------------------|--|
| ☐ | ☐ | a) Wood |
| ☐ | ☐ | b) Steel |
| ☐ | ☐ | c) Aluminum |
| ☐ | ☐ | d) Concrete |
| ☐ | ☐ | e) Plastic |
| ☐ | ☐ | f) Glass (mfg. Listing for wind zone including details for installation and attachments) |
| ☐ | ☐ | g) Masonry |
| ☐ | ☐ | h) Gypsum board and plaster |
| ☐ | ☐ | i) Insulating (mechanical) |
| ☐ | ☐ | j) Roofing (mfg. Listed system for wind zone with installation and attachments) |
| ☐ | ☐ | k) Insulation |

Accessibility Requirements shall include:

- | | | |
|--------------------------|--------------------------|-----------------------------------|
| ☐ | ☐ | a) Site requirements |
| ☐ | ☐ | b) Accessible route |
| ☐ | ☐ | c) Vertical accessibility |
| ☐ | ☐ | d) Toilet and bathing facilities |
| ☐ | ☐ | e) Drinking fountains |
| ☐ | ☐ | f) Equipment |
| ☐ | ☐ | g) Special occupancy requirements |
| ☐ | ☐ | h) Fair housing requirements |

Interior Requirements shall include:

- | | | |
|--------------------------|--------------------------|---|
| ☐ | ☐ | a) Interior finishes (flame spread/smoke develop) |
| ☐ | ☐ | b) Light and ventilation |
| ☐ | ☐ | c) Sanitation |

Special Systems shall include:

- | | | |
|--------------------------|--------------------------|---------------|
| ☐ | ☐ | a) Elevators |
| ☐ | ☐ | b) Escalators |
| ☐ | ☐ | c) Lifts |

Swimming Pools – Commercial – Plans shall be signed and sealed by a Professional Engineer registered in the State of Florida and approved by the Department of Business and Professional Regulation/Health Department Indicating compliance with the Florida Administrative Code, Chapter 64E-9 And Section 424 of the Florida Building Code

Electrical:

- | | | |
|--------------------------|--------------------------|--|
| ☐ | ☐ | a) Electrical wiring, services, feeders and branch circuits, over-current protection, grounding, wiring methods and materials, GFCIs |
| ☐ | ☐ | b) Equipment |
| ☐ | ☐ | c) Special Occupancies |
| ☐ | ☐ | d) Emergency Systems |
| ☐ | ☐ | e) Communication Systems |
| ☐ | ☐ | f) Low Voltage |
| ☐ | ☐ | g) Load calculations |
| ☐ | ☐ | h) Riser diagram |

Plumbing:

- | | | |
|--------------------------|--------------------------|--------------------------------|
| ☐ | ☐ | a) Minimum plumbing facilities |
| ☐ | ☐ | b) Fixture requirements |
| ☐ | ☐ | c) Water supply piping |
| ☐ | ☐ | d) Sanitary drainage |
| ☐ | ☐ | e) Water heaters |
| ☐ | ☐ | f) Vents |
| ☐ | ☐ | g) Roof drainage |
| ☐ | ☐ | h) Back flow prevention |
| ☐ | ☐ | i) Irrigation |
| ☐ | ☐ | j) Location of water supply |
| ☐ | ☐ | k) Grease traps |
| ☐ | ☐ | l) Environmental requirements |
| ☐ | ☐ | m) Plumbing riser |

Mechanical:

- | | | |
|--------------------------|--------------------------|--|
| ☐ | ☐ | a) Energy calculation (signed and sealed by Architect or Engineer, registered in the State of Florida) |
| ☐ | ☐ | b) Exhaust systems (clothes dryer exhaust, kitchen equipment exhaust, Specialty equipment exhaust) |
| ☐ | ☐ | c) Equipment |
| ☐ | ☐ | d) Equipment location |
| ☐ | ☐ | e) Make-up air |
| ☐ | ☐ | f) Roof mounted equipment |
| ☐ | ☐ | g) Duct systems |
| ☐ | ☐ | h) Ventilation |
| ☐ | ☐ | i) Combustion air |
| ☐ | ☐ | j) Chimneys, fireplaces and vents |
| ☐ | ☐ | k) Appliances |
| ☐ | ☐ | l) Boilers |
| ☐ | ☐ | m) Refrigeration |
| ☐ | ☐ | n) Bathroom ventilation |
| ☐ | ☐ | o) Laboratory |

Gas:

- | | | |
|--------------------------|--------------------------|----------------------------|
| ☐ | ☐ | a) Gas piping |
| ☐ | ☐ | b) Venting |
| ☐ | ☐ | c) Combustion air |
| ☐ | ☐ | d) Chimney's and vents |
| ☐ | ☐ | e) Appliances |
| ☐ | ☐ | f) Type of gas |
| ☐ | ☐ | g) Fireplaces |
| ☐ | ☐ | h) LP tank locations |
| ☐ | ☐ | i) Riser diagram/shut offs |

Disclosure Statement for Owner Builders

*****Notice of Commencement Required Before Any Inspections will be Done**

Private Potable Water:

- | | | |
|--------------------------|--------------------------|-----------------------------|
| ☐ | ☐ | a) Size of pump motor |
| | | b) Size of pressure tank |
| | | c) Cycle stop valve if used |

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects; If you were required to have a Site and Development Plan Approval, list SDP number.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser is required. A copy of property deed is also requested. (386) 758-1084
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required
4. **City Approval:** If the project is 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
5. **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 that is located within a flood zone where the base flood elevation (100 year flood) **has not been** established 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 development permit cost is \$50.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made (\$25.00). Culvert installation for commercial, industrial and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications. If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.
7. **Suwannee River Water Management District Approval:** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

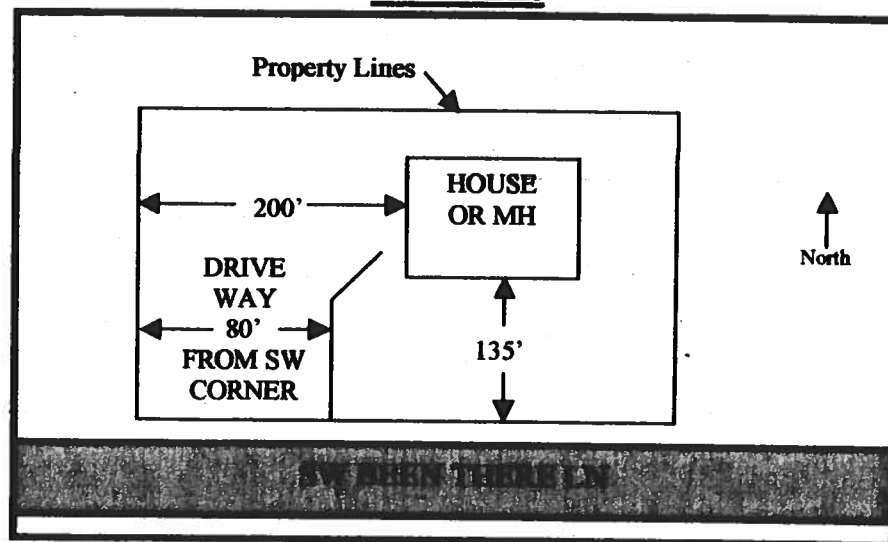
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123") FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
 - a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
 - b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
 - c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:

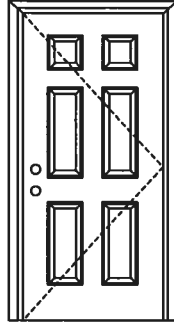


NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

X

Opaque Outswing Unit

COP-WL-JH4121-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:****Note:**

Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+66.0/-66.0

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

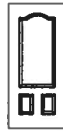
Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0011-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

Flush



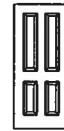
Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson™
EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR^{Collection}
Premium Quality Doors



Exclusively from

Masonite®
Masonite International Corporation

X

Opaque Outswing Unit

COP-WL-JH4121-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2178-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

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



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



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

2

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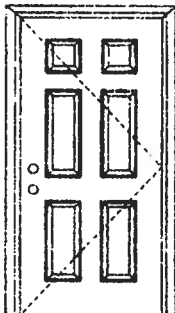
PREMDOR Collection
Premium Quality Doors

Exclusively from
Masonite
Masonite International Corporation

X

Opaque Outswing Unit

COP-WL-JH4121-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:****Note:**

Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door
Maximum Unit size = 3'0" x 6'8"

Design Pressure
+66.0/-66.0

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

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



Test Data Review Certificate #3026447A
and COP/Test Report Validation Matrix
#3026447A-001 provides additional
information - available from the ITS/Wh
website (www.etsmko.com), the
Masonite website (www.masonite.com),
or the Masonite technical center.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MACC11-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel

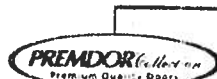


Eyebrow 5-panel with scroll

Johnson
EntrySystems

June 17, 2002

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Exclusively from

Masonite

Masonite International Corporation

X

Opaque Outswing Unit

COP-WL-H4121-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2178-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

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

Kurt L Balthaz

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



Test Data Review Certificate #3026447A
and COP/Test Report Validation Matrix
#3026447A-001 provides additional
information - available from the ITS/WI
website (www.itswiki.com), the
Masonite website (www.masonite.com)
or the Masonite technical center

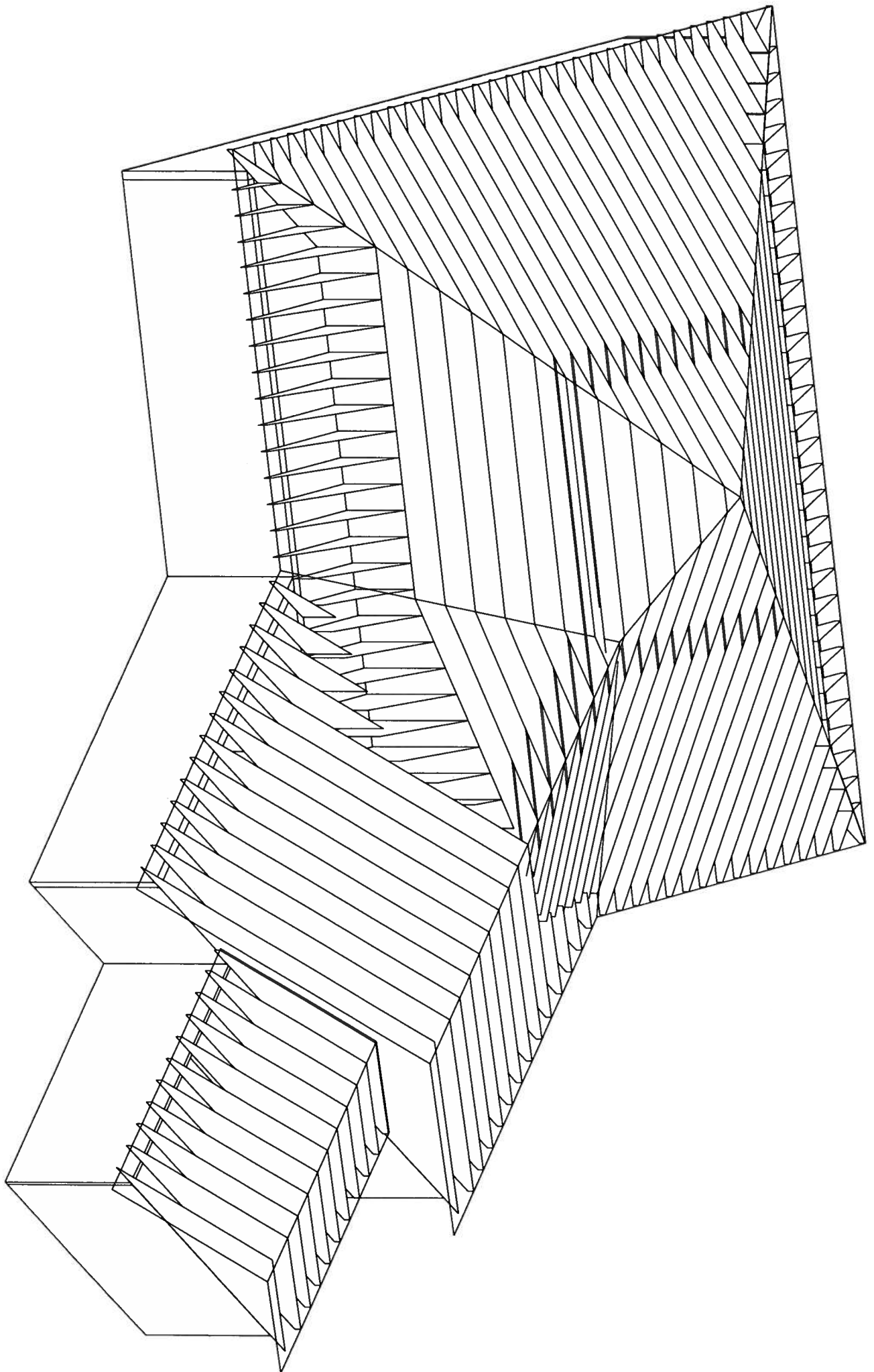
Johnson
EntrySystems

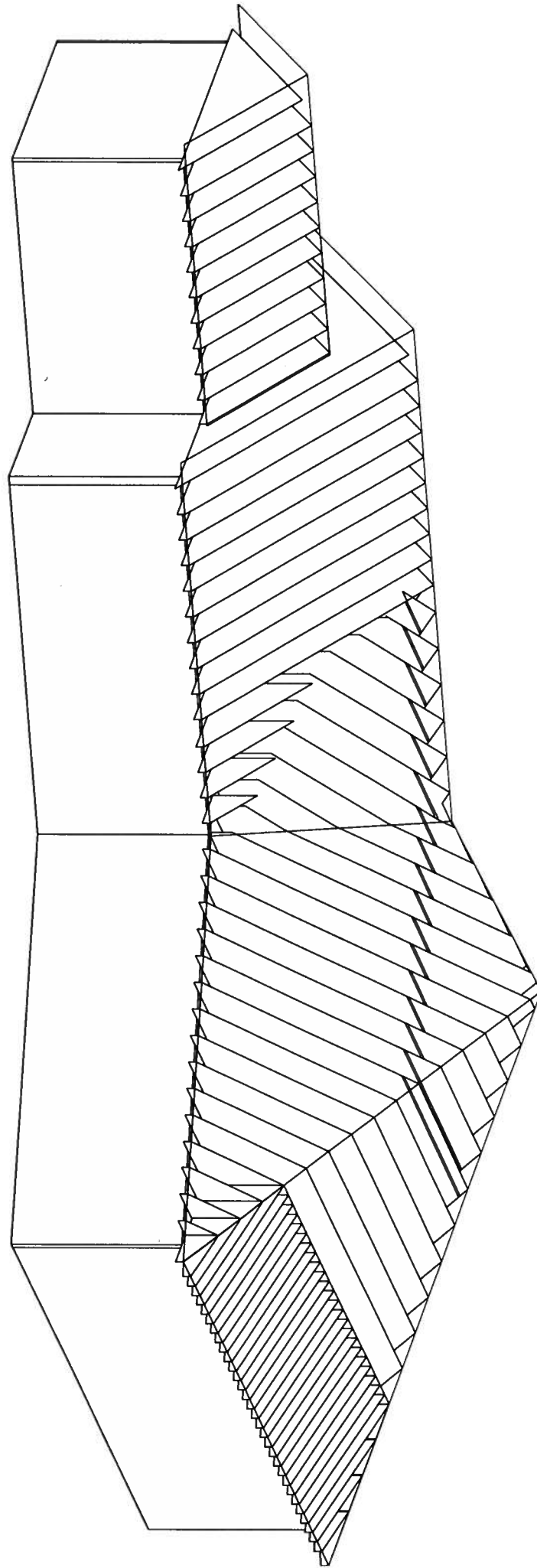
June 17, 2002
Our continuing program of product improvement makes specifications, design and product
data subject to change without notice.

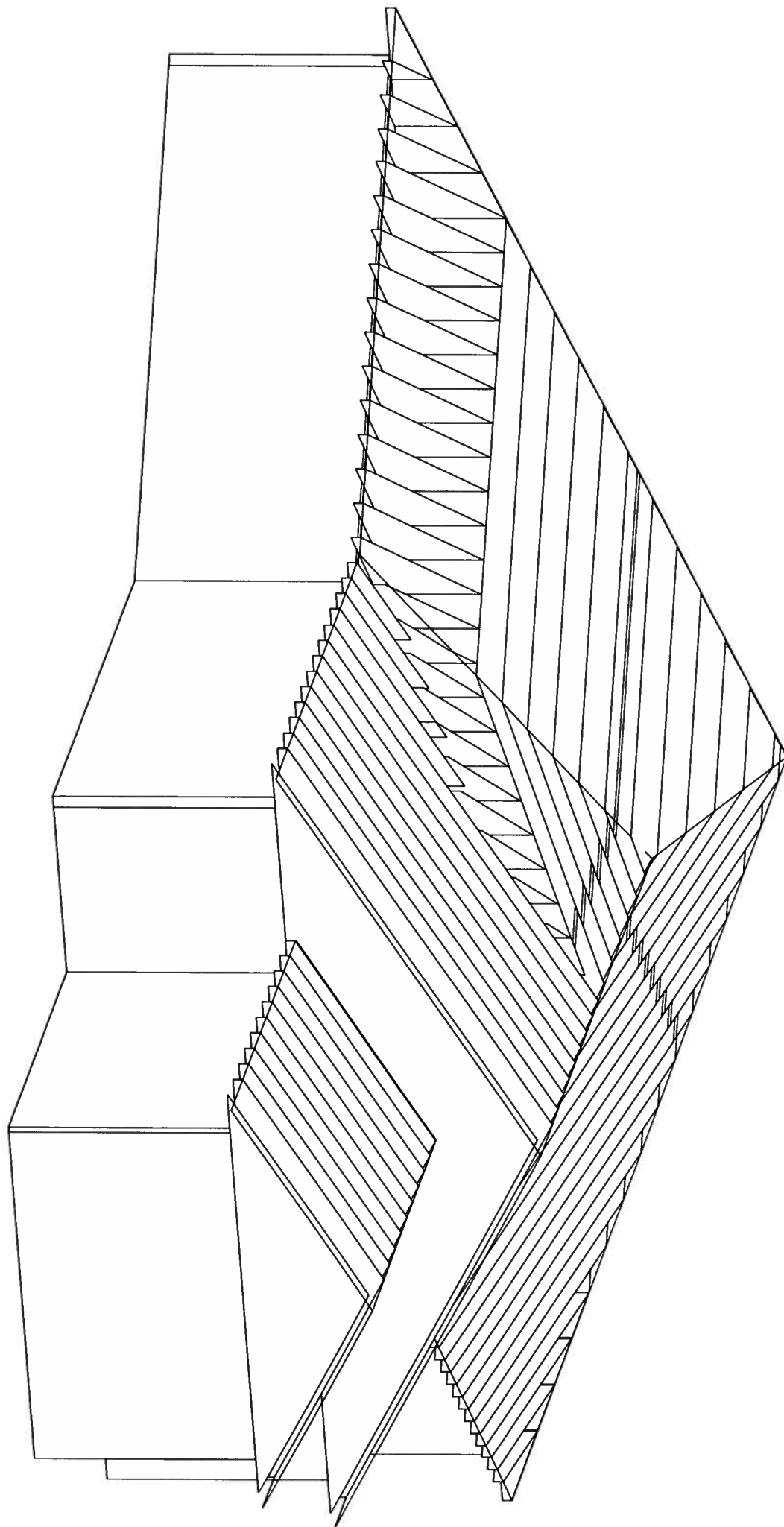


Exclusively from:

Masonite
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Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: ISRV215-Z0704140207

Truss Fabricator: W.B. Howland
Job Identification: 2898-/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL
Truss Count: 56
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 37.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 150 MPH ASCE 7-02 -Closed



Seal Date: 11/04/2005

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: HCUSR215

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-GBLLETIN

#	Ref	Description	Drawing#	Date
1	85244-A1HG (2-PLY) 64'	05308065	11/04/05	
2	85245-A2 64' Stepdown	05308075	11/04/05	
3	85246-A3 64' Stepdown	05308077	11/04/05	
4	85247-A4 64' Stepdown	05308079	11/04/05	
5	85248-A5 64' Stepdown	05308080	11/04/05	
6	85249-A6 64' Stepdown	05308081	11/04/05	
7	85250-A7 64' Stepdown	05308083	11/04/05	
8	85251-A8 62' Stepdown	05308085	11/04/05	
9	85252--A9 62' Special	05308086	11/04/05	
10	85253--A10 62' Special	05308087	11/04/05	
11	85254--A11 62' Special	05308088	11/04/05	
12	85255--A12 62' Special	05308090	11/04/05	
13	85256--A13 62' Special	05308091	11/04/05	
14	85257--A14 62' Special	05308092	11/04/05	
15	85258-A15 61'2" Specia	05308101	11/04/05	
16	85259-A16 59'2" Specia	05308109	11/04/05	
17	85260-A17 57'2" Specia	05308110	11/04/05	
18	85261-A18 55'2" Specia	05308111	11/04/05	
19	85262-A19HG (2-PLY) 53	05308112	11/04/05	
20	85263--B1GE 24' Gable	05308113	11/04/05	
21	85264--B2 24' Common	05308114	11/04/05	
22	85265-B3GE 45'3" Gable	05308122	11/04/05	
23	85266--B4 45'3" Common	05308123	11/04/05	
24	85267-B5 10'7"13 Commo	05308124	11/04/05	
25	85268-B5A 10'7"13 Mono	05308125	11/04/05	
26	85269-B6 8'7"13 Common	05308126	11/04/05	
27	85270--B6A 8'7"13 Mono	05308127	11/04/05	
28	85271-B7 6'7"13 Common	05308128	11/04/05	
29	85272--B7A 6'7"13 Mono	05308129	11/04/05	
30	85273-B8 4'7"13 Common	05308130	11/04/05	
31	85274--B8A 4'7"13 Mono	05308131	11/04/05	
32	85275--J1 3' Jack	05308132	11/04/05	
33	85276--J3 5' Jack	05308133	11/04/05	
34	85277--J5 7' Jack	05308134	11/04/05	
35	85278--J7 9' End Jack	05308135	11/04/05	
36	85279--J7A 7' End Jack	05308136	11/04/05	

#	Ref	Description	Drawing#	Date
37	85280--J7B	7' End Jack	05308137	11/04/05
38	85281--J7C	7' End Jack	05308138	11/04/05
39	85282--J7D	7' End Jack	05308139	11/04/05
40	85283--J7E	7' End Jack	05308140	11/04/05
41	85284--J7F	7' End Jack	05308141	11/04/05
42	85285--J7G	7' End Jack	05308142	11/04/05
43	85286-J7H	6'2" End Jac	05308143	11/04/05
44	85287-J7I	4'2" End Jac	05308144	11/04/05
45	85288-J7J	2'2" End Jac	05308145	11/04/05
46	85289-JH7	12'8"12 Hip	05308146	11/04/05
47	85290-PBA1	25'3"13 Ste	05308147	11/04/05
48	85291-PBA2	25'3"13 Ste	05308148	11/04/05
49	85292-PBA3	25'3"13 Ste	05308149	11/04/05
50	85293-PBA4	25'3"13 Ste	05308150	11/04/05
51	85294-PBA5	25'3"13 Ste	05308151	11/04/05
52	85295-PBA6	25'3"13 Ste	05308152	11/04/05
53	85296-PBA7	26'2"2 Spec	05308153	11/04/05
54	85297-PBA8	28'2"2 Spec	05308154	11/04/05
55	85298-PBA9	9'2" Common	05308155	11/04/05
56	85299-PBA10	6'9"12 Spe	05308156	11/04/05



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 567

Page 1 of 1 Document ID: ISRV215-Z0704140207

Truss Fabricator: W.B. Howland

Job Identification: 2898-/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL

Truss Count: 18

Model Code: Florida Building Code 2004

Truss Criteria: ANSI/TPI-2002(STD)/FBC

Engineering Software: Alpine Software, Version 7.20.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 37.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 150 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: HCUSR215

Seal Date: 11/04/2005

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	85245-A2	64' Stepdown	05308075	11/04/05
2	85246-A3	64' Stepdown	05308077	11/04/05
3	85247-A4	64' Stepdown	05308079	11/04/05
4	85248-A5	64' Stepdown	05308080	11/04/05
5	85249-A6	64' Stepdown	05308081	11/04/05
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11	85255--A12	62' Special	05308090	11/04/05
12	85256--A13	62' Special	05308091	11/04/05
13	85257--A14	62' Special	05308092	11/04/05
14	85258-A15	61'2" Specia	05308101	11/04/05
15	85259-A16	59'2" Specia	05308109	11/04/05
16	85290-PBA1	25'3"13 Ste	05308147	11/04/05
17	85297-PBA8	28'2"2 Spec	05308154	11/04/05
18	85299-PBA10	6'9"12 Spe	05308156	11/04/05



(2998) -/Watertown Congregational
-- LAKE CITY, FL - AIHG (2-PLY) 64' Stepdown Hip Girder) /CONTRACTOR

(2998) -/Watertown Congregational
-- LAKE CITY, FL - AIHG (2-PLY) 64' Stepdown Hip Girder) /CONTRACTOR

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" 0.c.

Webs : 1 Row @ 4" o.c.

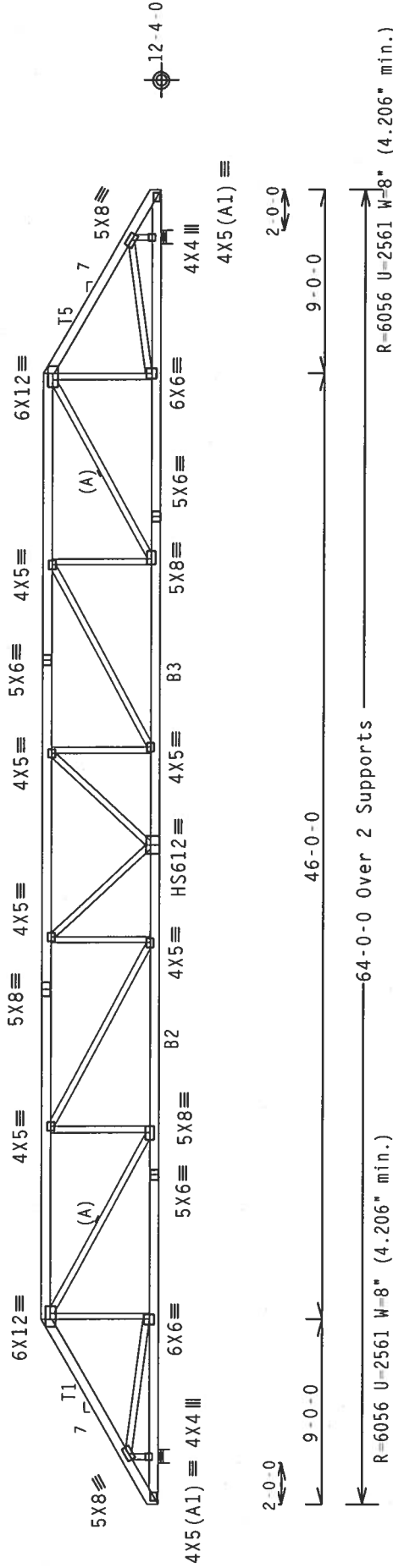
Use equal spacing between rows and stagger nails in each row to avoid splitting.

(A) Continuous lateral bracing equally spaced on member.

#1 hip supports 9-0-0 jacks w/2 panel TC and no end vert.

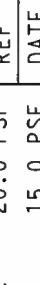
Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and untrained people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.



Design Crit: TPI-2002(STD)/FBC

Scale = .125"/Ft.



Alpine Engineered Products, Inc.
 1950 Marley Drive
 Haines City, FL 33844
 FL Certificate of Authorization # 567

ALPINE ENGINEERED PRODUCTS, INC.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 103 O'NEOFIELD DR., SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THE DESIGN INTENT TO BUILD THE TRUSS IN CONFORMANCE WITH TPI. OR FABRICATING, HANDLING, SHIPPING, INSTALLING, A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASD) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/HX/K) ASTM A653 GRADE 40/60 (W, K/H S) GALV. STEEL. APPLIES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1-2002 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/TP1 1 SEC. 2.



Nov 04 '05

TC LL	20.0	PSF	REF R215 -	85244
TC DL	15.0	PSF	DATE	11/04/05
BC DL	10.0	PSF	DRW HCUSR215	05308065
BC LL	0.0	PSF	HC-ENG RA/WHK	
TOT.LD.	45.0	PSF	SEQN-	90222
DUR.FAC.	1.25		FROM	CDM
SPACING	24.0"		JREF-	1SRV215_207

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

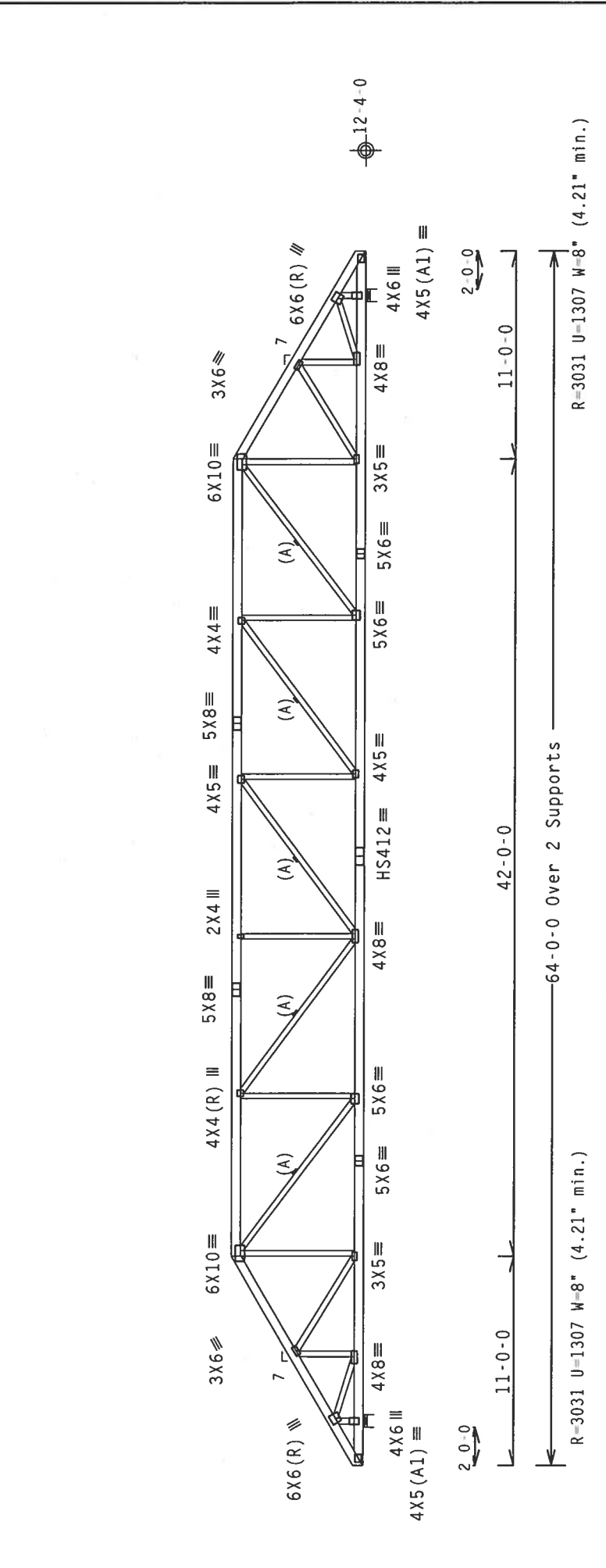
Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/240 live and L/180 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 6-11-10.

150 mph wind, 16.09 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and uninstructed people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.



PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002 (STD)

Cg/RT=1.00(1.25)/10(0)

7.20.0918

QTY:1

FL/-5/-/-R/-

Scale = .125"/Ft.

REF R215-- 85245

DATE 11/04/05

DRW HCUSR215 05308075

HC-ENG RA/WHK

SEQN- 101200 REV

FROM CDM

JREF- 1SRV215_Z07

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

Nov 04 03

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 5212

Y. COLLINS

EXPIRATION DATE 11/04/05

ALPINE ENGINEERED PRODUCTS, 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 AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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 AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

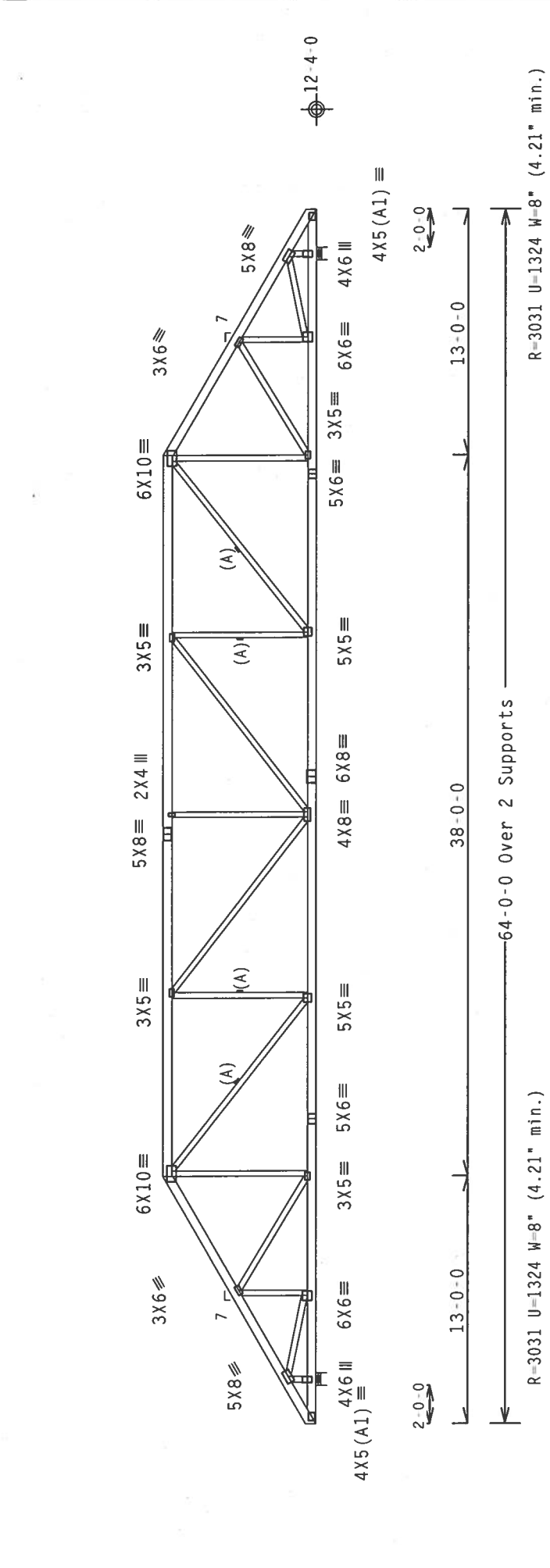
Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/240 live and L/180 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 8'-1-10".

150 mph wind, 16.68 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and untrained people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.



PLT TYP. Wave

Design Crit: TPI-2002(STD)
Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

ALPINE
Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215-- 85246
TC DL	15.0 PSF	DATE	11/04/05
BC DL	10.0 PSF	DRW	HCUSR215 05308077
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	45.0 PSF	SEQN-	101198 REV
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SRV215_Z07

QTY:1 FL/-/5/-/-/R/-

Scale = .125"/Ft.

Nov 0

Nov 0

ALPINE ENGINEERED PRODUCTS, 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 AND BRACING TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING TRUSSES. CONNECTOR PLATES ARE MADE OF 2010/1060 (4-N/STK) ASTM A553 GRADE 40/60 (M, K/PS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. 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.

ALPINE ENGINEERED PRODUCTS, 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 AND BRACING TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING TRUSSES. CONNECTOR PLATES ARE MADE OF 2010/1060 (4-N/STK) ASTM A553 GRADE 40/60 (M, K/PS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. 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.

Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

150 mph wind, 17.84 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

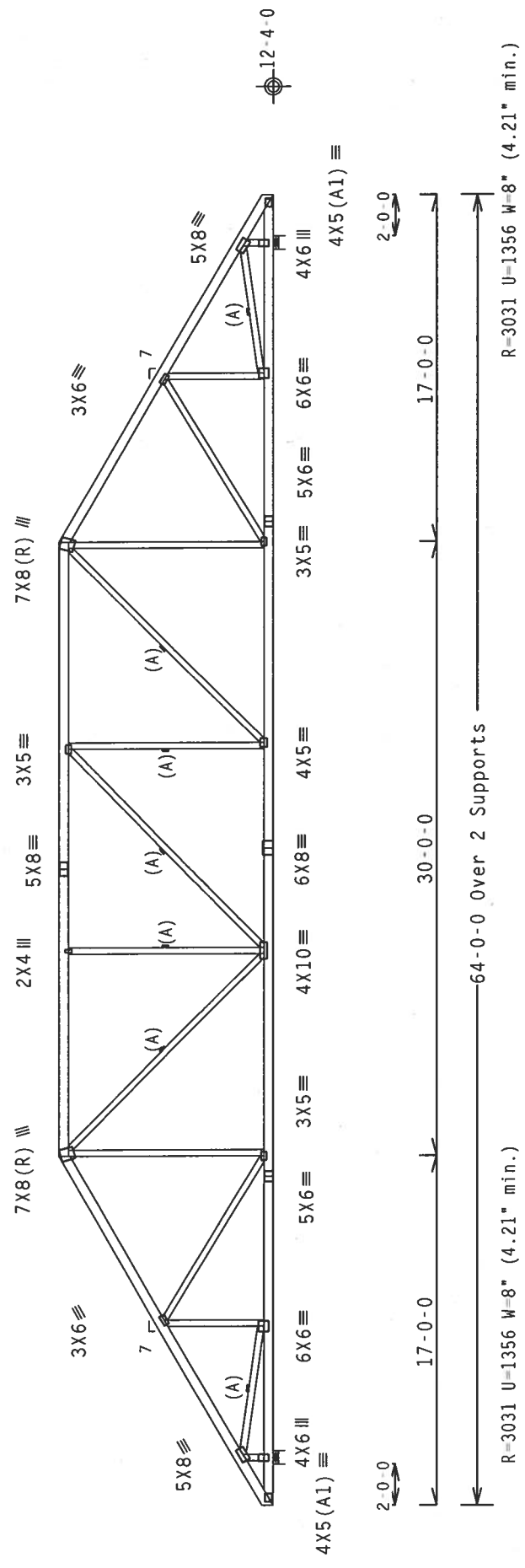
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

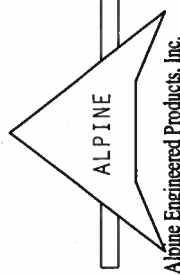
The overall height of this truss excluding overhang is 10'-5"-10."

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and uninstructed people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.



Design Crit: TPI-2002(STD)

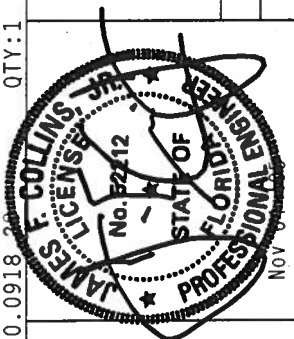
PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	Scale =.125"/Ft.
REF R215--	85248		
DATE	11/04/05		
DRW HCUSR215	05308080		
HC-ENG RA/WHK			
SEQN-	101194	REV	
FROM	CDM		
JREF-	1SRV215_Z07		



Alpine Engineering Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, 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 TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 2017/18/16GA (.0475) ASTM A553 GRADE 40/60 (W. K/M/S) GALV. STEEL. ALPINE TRUSSES ARE MADE OF 2017/18/16GA (.0475) ASTM A553 GRADE 40/60 (W. K/M/S) GALV. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI 2002 SEC. 2. 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.



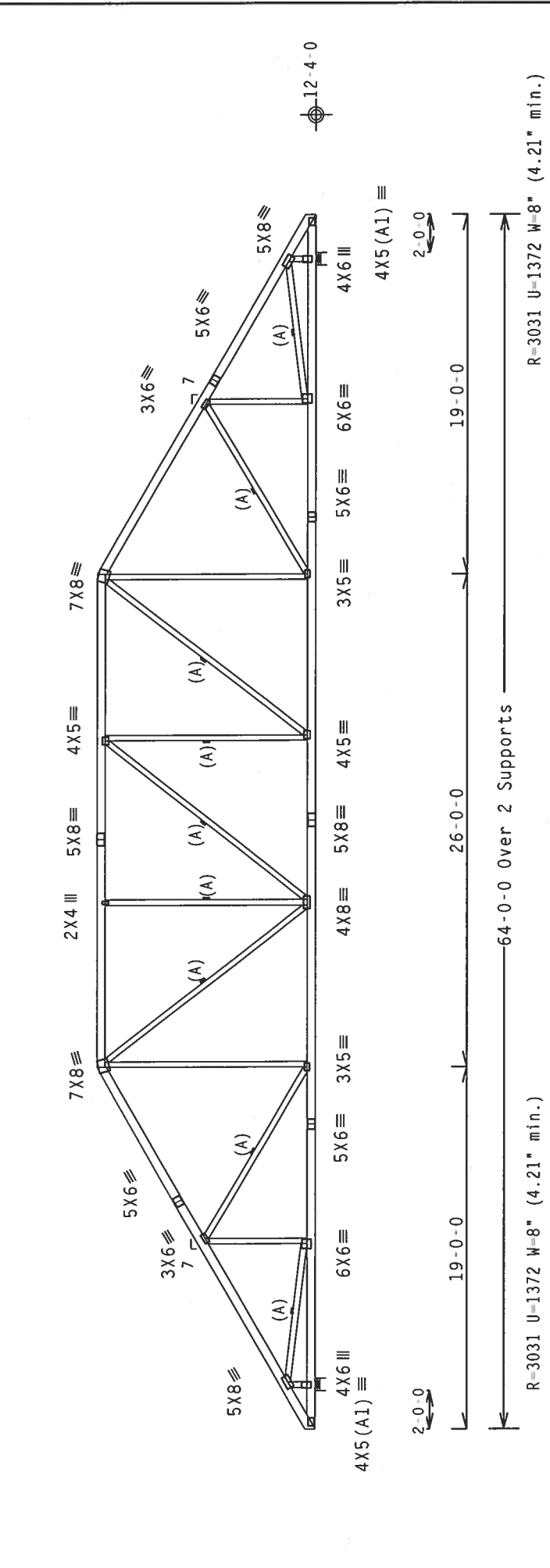
Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/240 live and L/180 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 11'-7" 10."

150 mph wind, 18.43 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and untrained people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.



PLT TYP. Wave

Design Crit: TPI-2002(STD)
Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

Scale = .125"/Ft.

REF R215-- 85249
DATE 11/04/05
DRW HCUSR215 05308081
HC-ENG RA/WHK
SEGN- 101192 REV
FROM CDM
JREF- 1SRV215_Z07

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12113
J. COLLINS, JR.
LICENSED

ALPINE ENGINEERED PRODUCTS, INC.
SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 OR ANY OTHER TRUSS DESIGN SPECIFICATION, OR ANY FAILURE TO FOLLOW THE DESIGN SPECIFICATIONS OF THE TRUSS MANUFACTURER, SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS.

(2898--Watertown Congregational /CONTRACTOR -- LAKE CITY

	Top chord	2x6	SP	#2	N	:T3,	T4	2x4	SP	#2	N:
Bot chord	2x6	SP	#2	N							
webs	2x4	SP	#2	N							

150 mph wind, 18.53 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

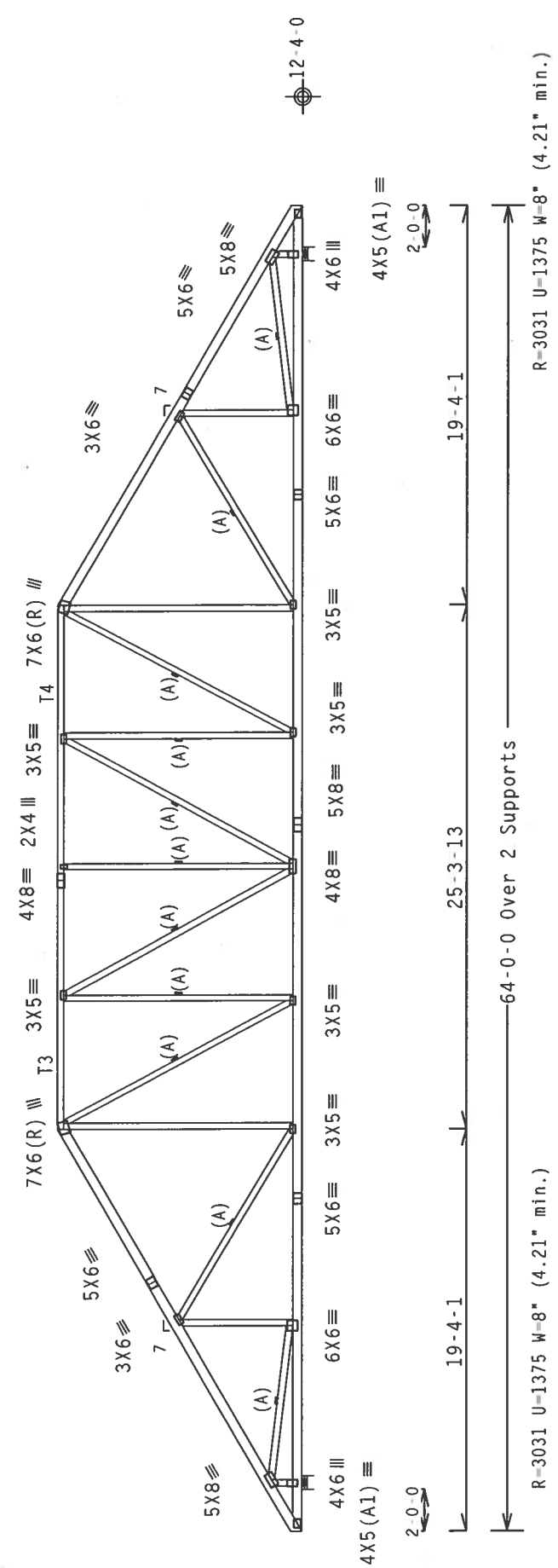
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and untrained people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11'-10"-0.



R=3031 U=1375 W=8" (4.21" min.)

Design Crit: TPI-2002(STD)

Scale = .125"/Ft.

QTY: 6 FL / - / 5 / - / - / R / -

0918 89 29 00

$$)/10(0) \quad 7.20.$$
 $Cq/RT=1.00(1.25$

Design Crit: 1

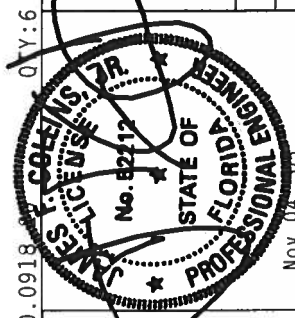
1000

P. Wave

PLT TY

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REQUEST FOR SPECIFICATIONS AND DRAWINGS: 6300 ENTERPRISE DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., SUITE 200, 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.
PRODUCTS, 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 NATIONAL STANDARD SPEC. (AFSPA) AND ALPINE
CONNECTION PLATES ARE MADE OF 2018/T16GA (H/57K) ASTM A555 GRADE 40/60 (M. E/R/S). GALV. STEEL APPLY
TO ALL EXPOSED SURFACES UNLESS OTHERWISE INDICATED PER DRAWING PERMANENTLY MARKED AS FOLLOWS:
ANY INSPECTION OF TRUSSES FOLLOWED BY REPAIRS OF TPI-3002 OR TPI-3003
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER (PER AMSI/TPI 1 SEC. 2).



ALPINE
Engineered Products, Inc.
 1950 Marley Drive
 Haines City, FL 33844
 FL Certificate of Authorization # 567

Haines City, FL 33844
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150 mph wind, 18.53 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11'-10"-0".



PLT TYP. Wave

Design Crit: TPI-2002(STD)

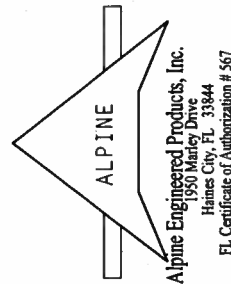
Cg/RT=1.00(1.25)/10(0)

QTY: 1 FL/-5/-/R/-

Scale = .125" / Ft.

JC LL	20.0 PSF	REF	R215-- 85252
TC DL	15.0 PSF	DATE	11/04/05
PC DL	10.0 PSF	DDM	10/04/05

BC LL	0.0	PSF	HC-ENG RA/WHK
TOT.LD.	45.0	PSF	SEQN- 101175 RE
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1SRV215 Z07



Top chord 2x6 SP #2 N : T6 2x6 SP SS:

Bot	chord	2x6	SP	#2	N
	Webs	2x4 <td>SP</td> <td>#2 <th>N</th> </td>	SP	#2 <th>N</th>	N

150 mph wind, 18.53 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

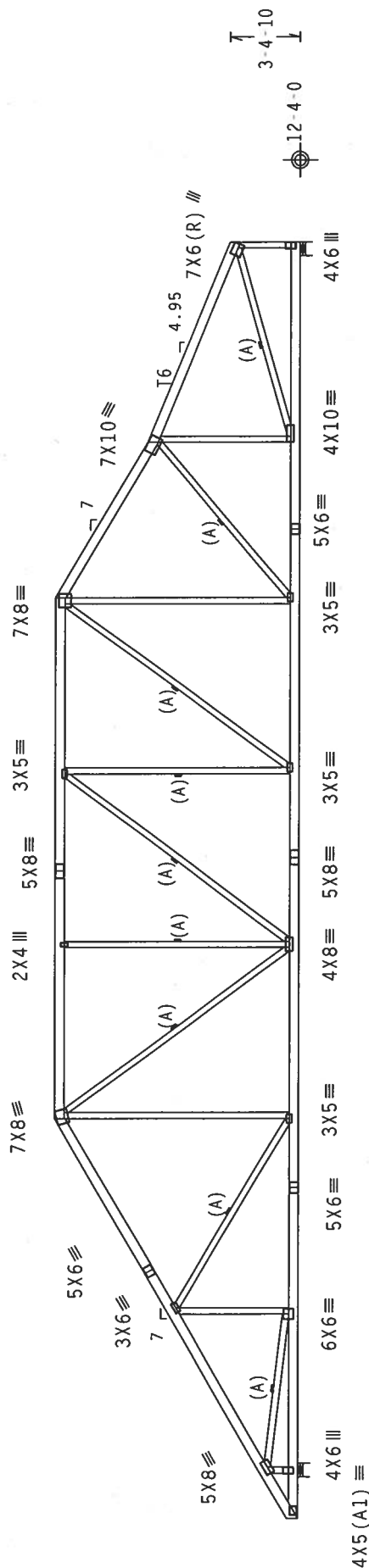
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and untrained people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is $11 \cdot 10 \cdot 0$.



2-0-0

19-4-1

25-3-13

9-9-1

-62-0-0 Over 2 Supports

R=3021 U=1378 W=8" (4.195" min.)

R=2773 U=1311 W=8" (3.851" min.)

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

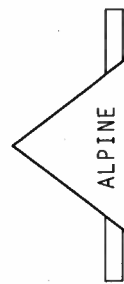
$$Ca/RT = 1.00(1.25)/10(0) \quad 7.20.0918$$

QTY:1 E1 / - / 5 / - / - / R / -

Scale = 125"/Et

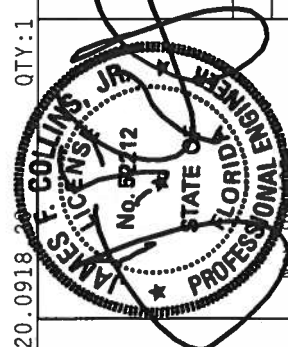
***WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENTS, INC. PUBLICATION BT 1 (CROSS PLATE TRUSS) 1-863-200-08010 FOR DR. SUITE 200 MADISON, WI 53719, AND VICA TRUSS COMPANY, INC. PUBLICATION BT 2 (CROSS PLATE TRUSS) 1-863-200-08010 FOR DR. SUITE 200 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 PROPERLY ATTACHED TOP CHORD SHEATHING.

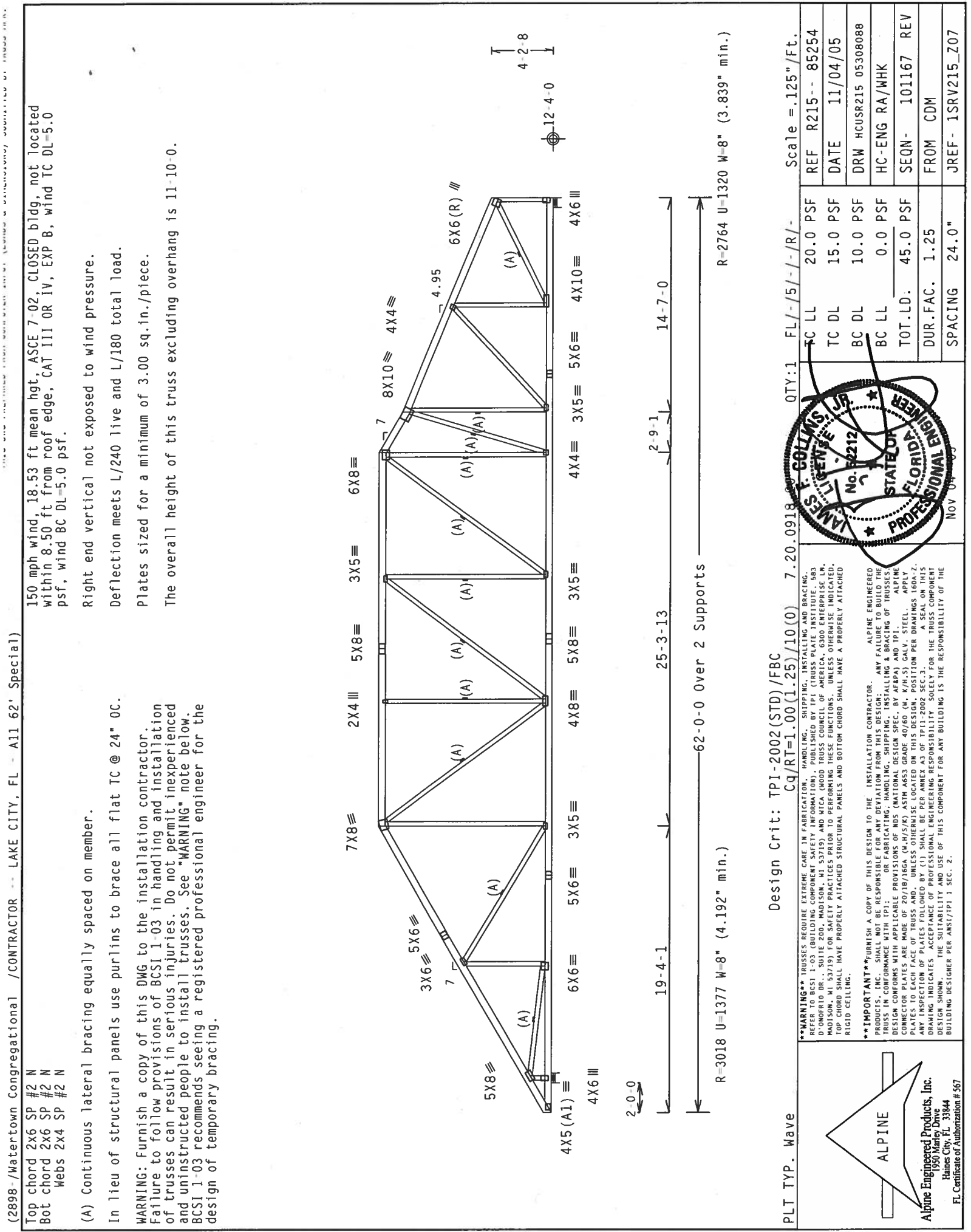
IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN ACCORDANCE WITH THE DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC LATERAL DESIGN SPEC., BY AIA/AISI AND PIPELAP, ALUMINUM DESIGN SPEC., BY AIA/AISI UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812,



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567
Haines City, FL 33844





(2898-Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - All 62' Special)

Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor.
Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and uninstructed people to install trusses. See "WARNING" note below.
BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.

150 mph wind, 18.53 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

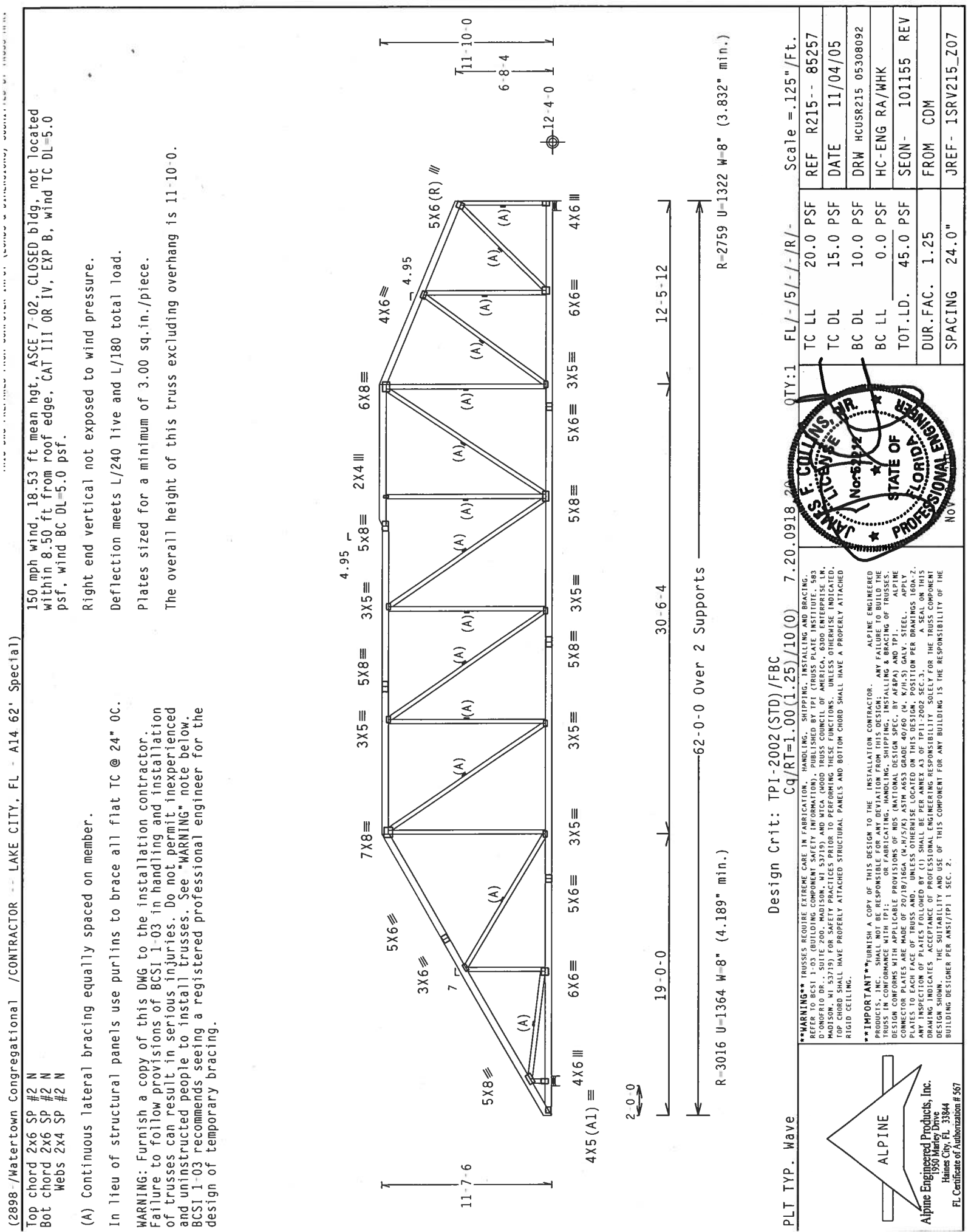
The overall height of this truss excluding overhang is 11-10-0.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918

PLT TYP. Wave

Scale = .125"/Ft.

REF	R215 --	85254
DATE	11/04/05	
DRW	HCUR215 05308088	
HC-ENG	RA/WHK	
SEQN-	101167	REV
FROM	CDM	
JREF-	1SRV215_Z07	



(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - A14 62' Special)

Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and uninstructed people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.

150 mph wind, 18.53 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11-10-0.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

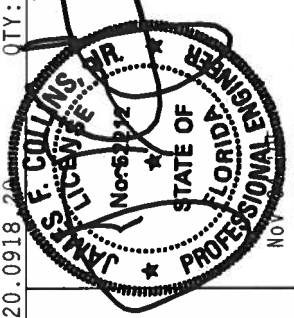
Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

QTY:1 FL/-/5/-/-/R/-

Scale = .125"/Ft.

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

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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 AIA/PA) AND TPI: ALPINE TRUSS MANUFACTURING AND INSTALLATION MANUAL. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS (E.G., 2. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS (E.G., 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.



ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

REF	R215--	85257
DATE	11/04/05	
DRW	HCUSR215 05308092	
HC-ENG	RA/WHK	
SEQN-	101155	REV
FROM	CDM	
JREF-	1SRV215_Z07	

Top	chord	2x6	SP	#2	N
Bot	chord	2x6	SP	#2	N
	webs	2x4	SP	#2	N

150 mph wind, 18.53 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 8.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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

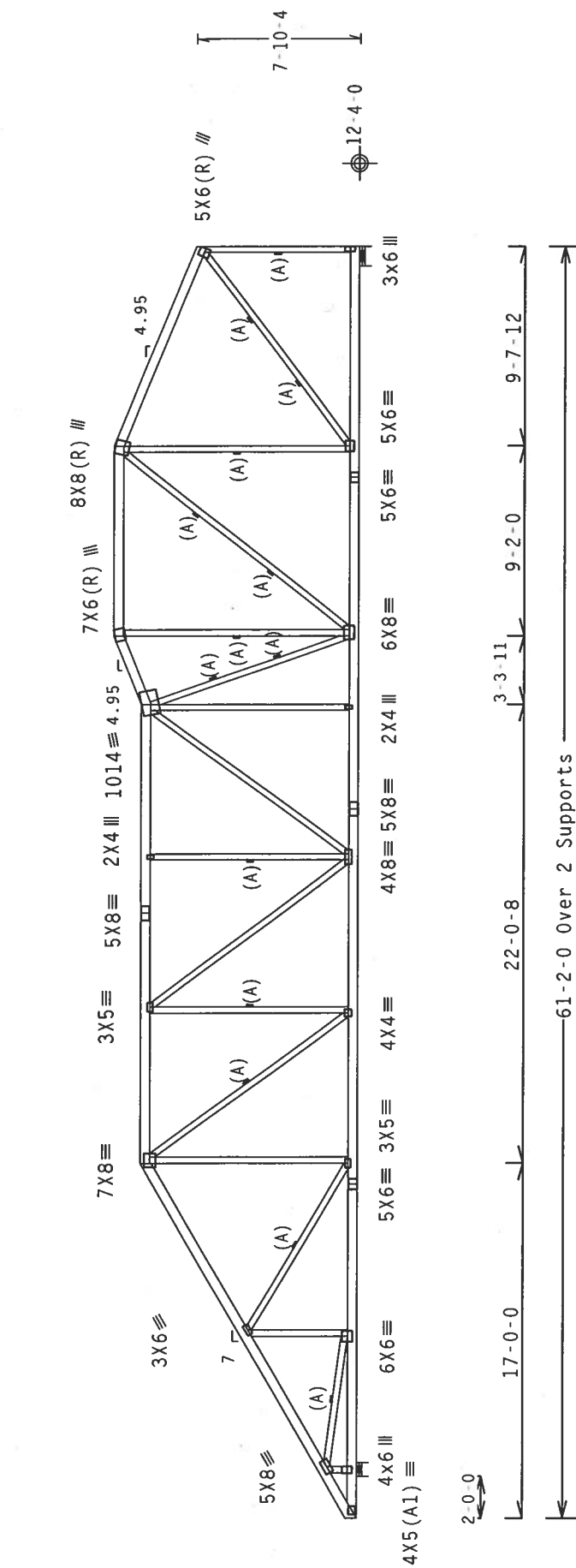
Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor.

Plates sized for a minimum of 3.00 sq.in./piece.

Failure to follow provisions of BCSI 1-03 in handling and installation of trusses can result in serious injuries. Do not permit inexperienced and uninstructed people to install trusses. See "WARNING" note below. BCSI 1-03 recommends seeing a registered professional engineer for the design of temporary bracing.

The overall height of this truss excluding overhang is 11-10-0.



R=2974 U=1344 W=8" (4.131" min.)

R=2719 U=1323 W=11.314" (3.777" min.)

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$C_q/RT = 1.00(1.25)/10(0)$$

QTY:1

FL/-/5/-/-/R/-

Scale = .125"/Ft.

[illegible]

Top	chord	2x6	SP	#2	N
Bot	chord	2x6	SP	#2	N
	webs	2x4	SP	#2	N

(A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

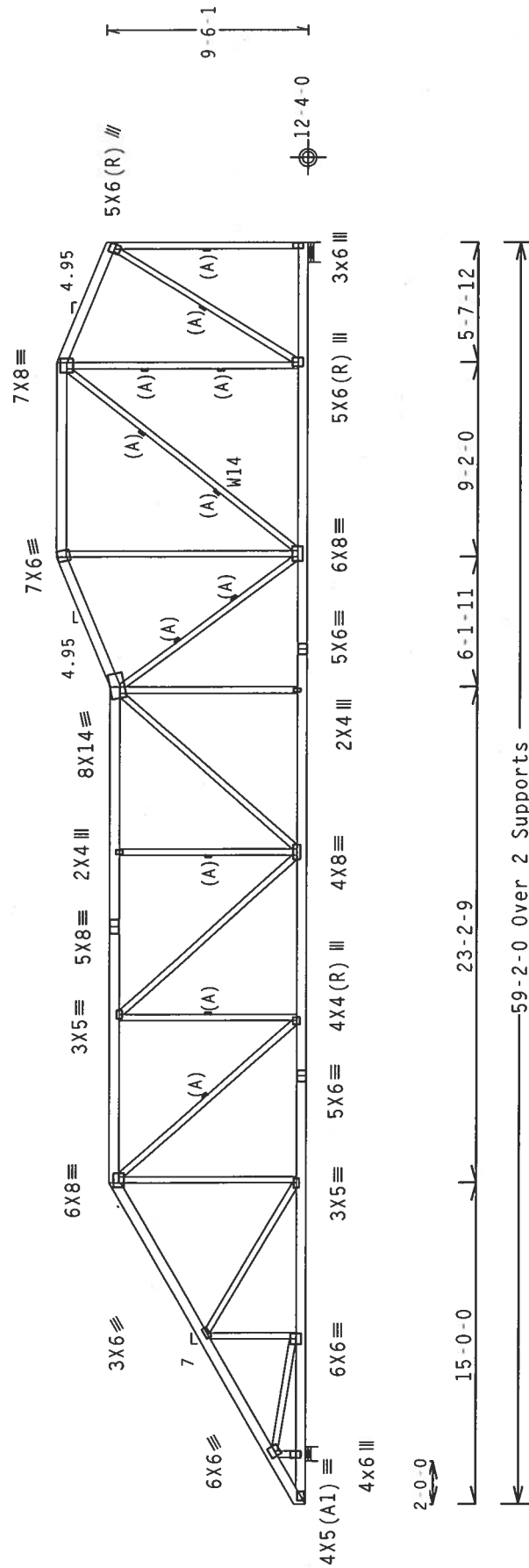
150 mph wind, 18.53 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11-10-0.



R=2878 U=1288 W=8" (3.998" min.)

-59-2-0 Over 2 Supports

R=2626 U=1294 W=11.314" (3.647" min.)

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$Ca/RT=1.00(1.25)/10(0)$$

Scale = .125"/ft.

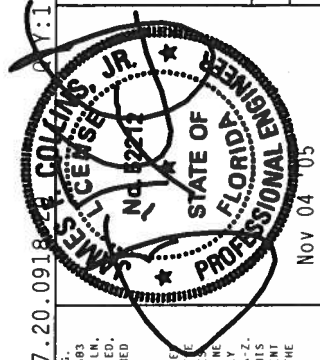
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS' 1991 BUILDING COMPLETION SAFETY PUBLICATION, "TRUSSING" (PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 1000 W. 15TH AVENUE, SUITE 200, DENVER, CO 80202-5000, TEL. 303-733-0060, FAX 303-733-0069) 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 AN INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES IN CONFORMANCE WITH TPI-2 OR PROVIDING OF NDS INFORMATIONAL DESIGN SPEC. BY ARPAJ AND TPI-1, ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, 160B-2, 160C-2, 160D-2, 160E-2, 160F-2, 160G-2, 160H-2, 160I-2, 160J-2, 160K-2, 160L-2, 160M-2, 160N-2, 160O-2, 160P-2, 160Q-2, 160R-2, 160S-2, 160T-2, 160U-2, 160V-2, 160W-2, 160X-2, 160Y-2, 160Z-2, 160AA-2, 160AB-2, 160AC-2, 160AD-2, 160AE-2, 160AF-2, 160AG-2, 160AH-2, 160AI-2, 160AJ-2, 160AK-2, 160AL-2, 160AM-2, 160AN-2, 160AO-2, 160AP-2, 160AQ-2, 160AR-2, 160AS-2, 160AT-2, 160AU-2, 160AV-2, 160AW-2, 160AX-2, 160AY-2, 160AZ-2, 160BA-2, 160BB-2, 160BC-2, 160BD-2, 160BE-2, 160BF-2, 160BG-2, 160BH-2, 160BI-2, 160BJ-2, 160BK-2, 160BL-2, 160BM-2, 160BN-2, 160BO-2, 160BP-2, 160BQ-2, 160BR-2, 160BS-2, 160BT-2, 160BU-2, 160BV-2, 160BW-2, 160BX-2, 160BY-2, 160BZ-2, 160CA-2, 160CB-2, 160CC-2, 160CD-2, 160CE-2, 160CF-2, 160CG-2, 160CH-2, 160CI-2, 160CJ-2, 160CK-2, 160CL-2, 160CM-2, 160CN-2, 160CO-2, 160CP-2, 160CQ-2, 160CR-2, 160CS-2, 160CT-2, 160CU-2, 160CV-2, 160CW-2, 160CX-2, 160CY-2, 160CZ-2, 160DA-2, 160DB-2, 160DC-2, 160DD-2, 160DE-2, 160DF-2, 160DG-2, 160DH-2, 160DI-2, 160DJ-2, 160DK-2, 160DL-2, 160DM-2, 160DN-2, 160DO-2, 160DP-2, 160DQ-2, 160DR-2, 160DS-2, 160DT-2, 160DU-2, 160DV-2, 160DW-2, 160DX-2, 160DY-2, 160DZ-2, 160EA-2, 160EB-2, 160EC-2, 160ED-2, 160EE-2, 160EF-2, 160EG-2, 160EH-2, 160EI-2, 160EJ-2, 160EK-2, 160EL-2, 160EM-2, 160EN-2, 160EO-2, 160EP-2, 160EQ-2, 160ER-2, 160ES-2, 160ET-2, 160EU-2, 160EV-2, 160EW-2, 160EX-2, 160EY-2, 160EZ-2, 160FA-2, 160FB-2, 160FC-2, 160FD-2, 160FE-2, 160FF-2, 160FG-2, 160FH-2, 160FI-2, 160FJ-2, 160FK-2, 160FL-2, 160FM-2, 160FN-2, 160FO-2, 160FP-2, 160FQ-2, 160FR-2, 160FS-2, 160FT-2, 160FU-2, 160FV-2, 160FW-2, 160FX-2, 160FY-2, 160FZ-2, 160GA-2, 160GB-2, 160GC-2, 160GD-2, 160GE-2, 160GF-2, 160GG-2, 160GH-2, 160GI-2, 160GJ-2, 160GK-2, 160GL-2, 160GM-2, 160GN-2, 160GO-2, 160GP-2, 160GQ-2, 160GR-2, 160GS-2, 160GT-2, 160GU-2, 160GV-2, 160GW-2, 160GX-2, 160GY-2, 160GZ-2, 160HA-2, 160HB-2, 160HC-2, 160HD-2, 160HE-2, 160HF-2, 160HG-2, 160HH-2, 160HI-2, 160HJ-2, 160HK-2, 160HL-2, 160HM-2, 160HN-2, 160HO-2, 160HP-2, 160HQ-2, 160HR-2, 160HS-2, 160HT-2, 160HU-2, 160HV-2, 160HW-2, 160HX-2, 160HY-2, 160HZ-2, 160IA-2, 160IB-2, 160IC-2, 160ID-2, 160IE-2, 160IF-2, 160IG-2, 160IH-2, 160II-2, 160IJ-2, 160IK-2, 160IL-2, 160IM-2, 160IN-2, 160IO-2, 160IP-2, 160IQ-2, 160IR-2, 160IS-2, 160IT-2, 160IU-2, 160IV-2, 160IW-2, 160IX-2, 160IY-2, 160IZ-2, 160JA-2, 160JB-2, 160JC-2, 160JD-2, 160JE-2, 160JF-2, 160JG-2, 160JH-2, 160JI-2, 160JJ-2, 160JK-2, 160JL-2, 160JM-2, 160JN-2, 160JO-2, 160JP-2, 160JQ-2, 160JR-2, 160JS-2, 160JT-2, 160JU-2, 160JV-2, 160JW-2, 160JX-2, 160JY-2, 160JZ-2, 160KA-2, 160KB-2, 160KC-2, 160KD-2, 160KE-2, 160KF-2, 160KG-2, 160KH-2, 160KI-2, 160KJ-2, 160KK-2, 160KL-2, 160KM-2, 160KN-2, 160KO-2, 160KP-2, 160KQ-2, 160KR-2, 160KS-2, 160KT-2, 160KU-2, 160KV-2, 160KW-2, 160KX-2, 160KY-2, 160KZ-2, 160LA-2, 160LB-2, 160LC-2, 160LD-2, 160LE-2, 160LF-2, 160LG-2, 160LH-2, 160LI-2, 160LJ-2, 160LK-2, 160LL-2, 160LM-2, 160LN-2, 160LO-2, 160LP-2, 160LQ-2, 160LR-2, 160LS-2, 160LT-2, 160LU-2, 160LV-2, 160LW-2, 160LX-2, 160LY-2, 160LZ-2, 160MA-2, 160MB-2, 160MC-2, 160MD-2, 160ME-2, 160MF-2, 160MG-2, 160MH-2, 160MI-2, 160MJ-2, 160MK-2, 160ML-2, 160MM-2, 160MN-2, 160MO-2, 160MP-2, 160MQ-2, 160MR-2, 160MS-2, 160MT-2, 160MU-2, 160MV-2, 160MW-2, 160MX-2, 160MY-2, 160MZ-2, 160NA-2, 160NB-2, 160NC-2, 160ND-2, 160NE-2, 160NF-2, 160NG-2, 160NH-2, 160NI-2, 160NJ-2, 160NK-2, 160NL-2, 160NM-2, 160NN-2, 160NO-2, 160NP-2, 160NQ-2, 160NR-2, 160NS-2, 160NT-2, 160NU-2, 160NV-2, 160NW-2, 160NX-2, 160NY-2, 160NZ-2, 160OA-2, 160OB-2, 160OC-2, 160OD-2, 160OE-2, 160OF-2, 160OG-2, 160OH-2, 160OI-2, 160OJ-2, 160OK-2, 160OL-2, 160OM-2, 160ON-2, 160OO-2, 160OP-2, 160OQ-2, 160OR-2, 160OS-2, 160OT-2, 160OU-2, 160OV-2, 160OW-2, 160OX-2, 160OY-2, 160OZ-2, 160PA-2, 160PB-2, 160PC-2, 160PD-2, 160PE-2, 160PF-2, 160PG-2, 160PH-2, 160PI-2, 160PJ-2, 160PK-2, 160PL-2, 160PM-2, 160PN-2, 160PO-2, 160PP-2, 160PQ-2, 160PR-2, 160PS-2, 160PT-2, 160PU-2, 160PV-2, 160PW-2, 160PX-2, 160PY-2, 160PZ-2, 160QA-2, 160QB-2, 160QC-2, 160QD-2, 160QE-2, 160QF-2, 160QG-2, 160QH-2, 160QI-2, 160QJ-2, 160QK-2, 160QL-2, 160QM-2, 160QN-2, 160QO-2, 160QP-2, 160QQ-2, 160QR-2, 160QS-2, 160QT-2, 160QU-2, 160QV-2, 160QW-2, 160QX-2, 160QY-2, 160QZ-2, 160RA-2, 160RB-2, 160RC-2, 160RD-2, 160RE-2, 160RF-2, 160RG-2, 160RH-2, 160RI-2, 160RJ-2, 160RK-2, 160RL-2, 160RM-2, 160RN-2, 160RO-2, 160RP-2, 160RQ-2, 160RR-2, 160RS-2, 160RT-2, 16

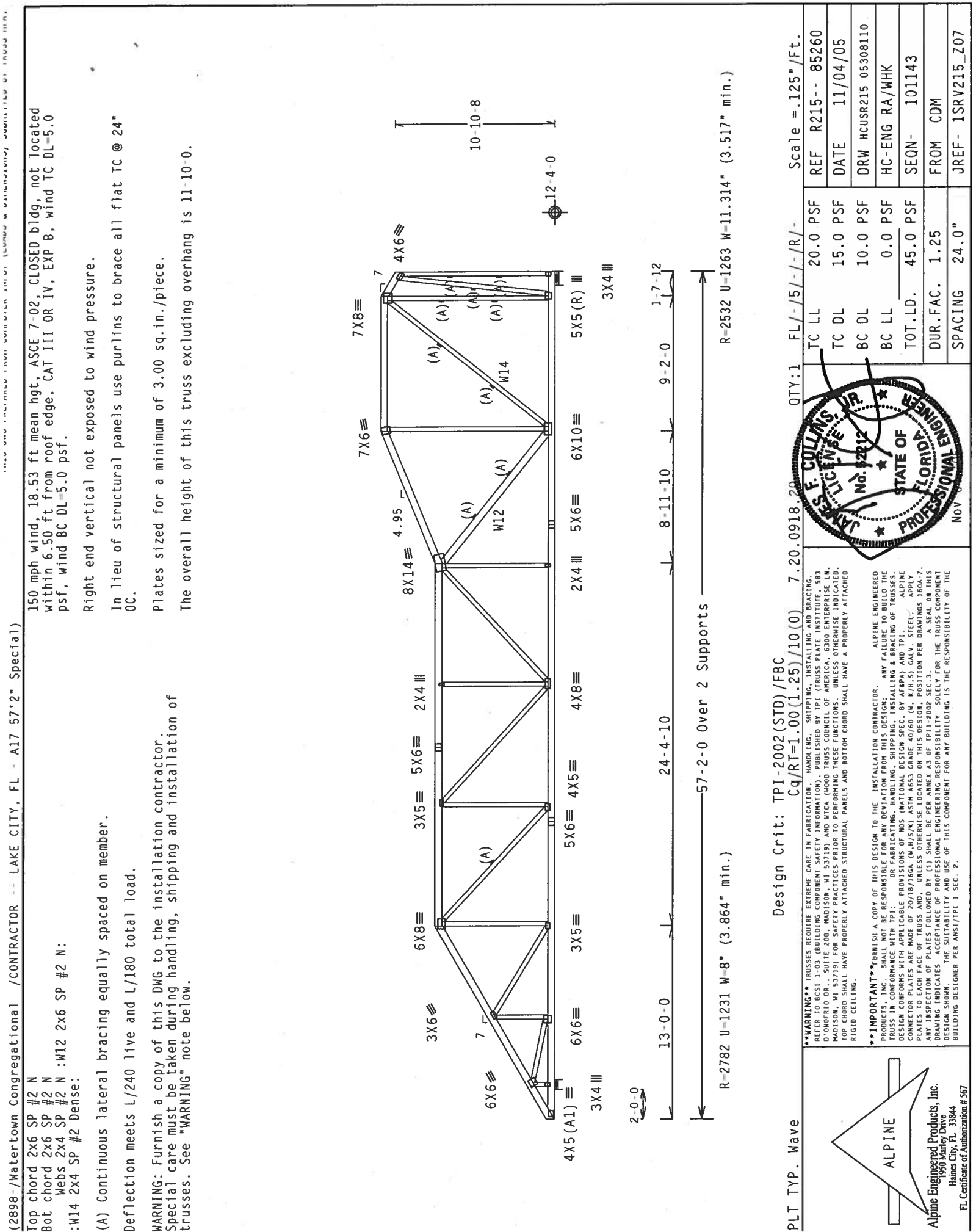


Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567
Haines City, FL 33844



TC LL	20.0 PSF	REF	R215 -	85259
TC DL	15.0 PSF	DATE	11/04/05	
BC DL	10.0 PSF	DRW	HCUSR215	05308109
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	45.0 PSF	SEQN-	101147	REV
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SRV215_Z07	



(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - A17 57.2" Special)

Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N :W12 2x6 SP #2 N :W12 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/240 live and L/180 total load.
WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

150 mph wind, 18.53 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11-10-0.

PLT TYP. Wave

ALPINE
Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

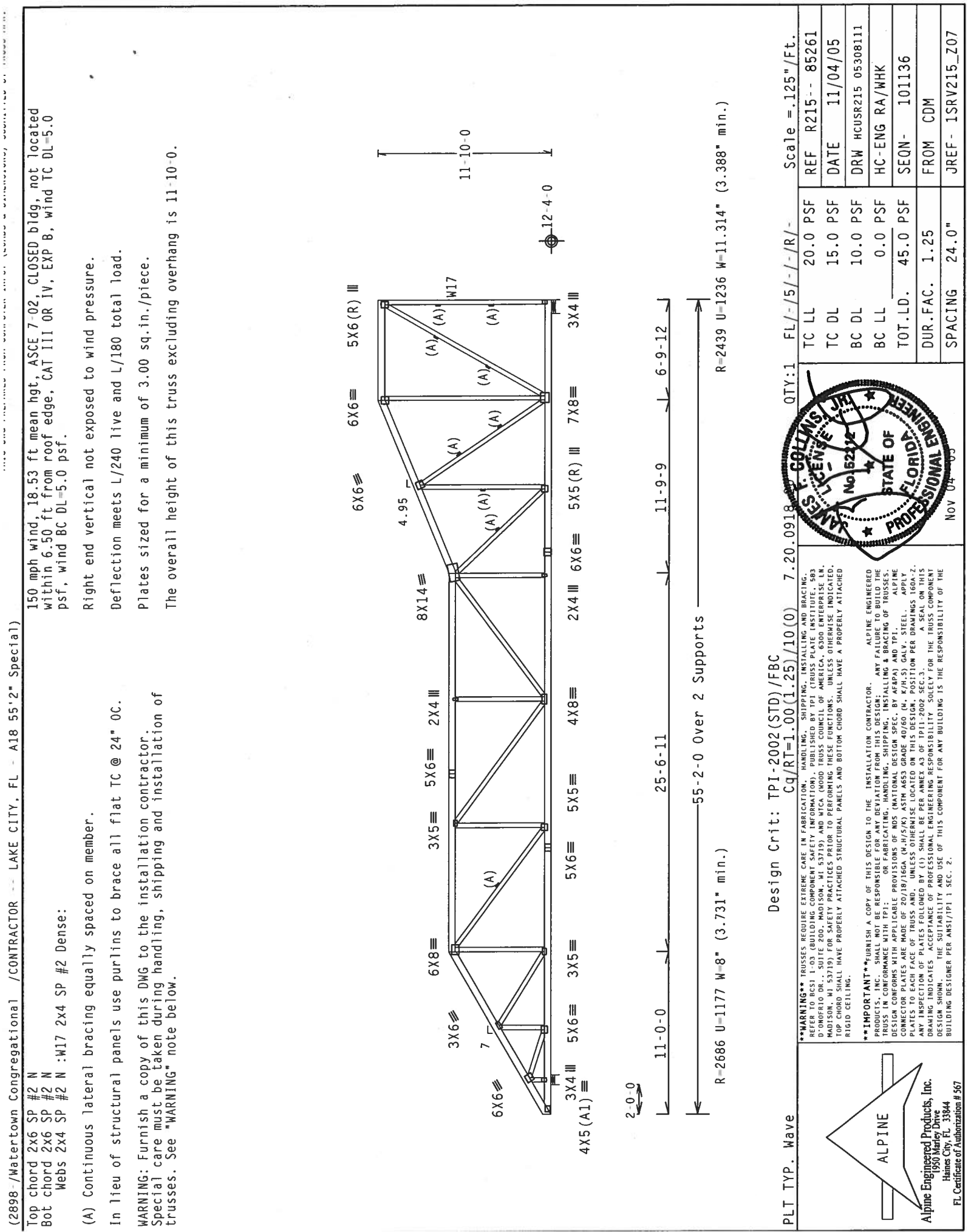
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7-20.0918.20 QTY:1 FL/-/5/-/R/- Scale = .125"/Ft.

TC LL	20.0 PSF	REF R215--	85260
TC DL	15.0 PSF	DATE	11/04/05
BC DL	10.0 PSF	DRW	HCUSR215 05308110
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	45.0 PSF	SEQN-	101143
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SRV215_Z07

ALPINE ENGINEERED PRODUCTS, 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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (W.H/2/K) ASTM A563 GRADE 40/60 (W. K/H.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEAL AS OF 1711-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE ENGINEERED PRODUCTS, 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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (W.H/2/K) ASTM A563 GRADE 40/60 (W. K/H.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEAL AS OF 1711-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - A18 55'2" Special)

Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N :W17 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

150 mph wind, 18.53 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11'-10"-0.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.20.0918

QTY:1 FL/-5/-/-R/-

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215-- 85261
TC DL	15.0 PSF	DATE	11/04/05
BC DL	10.0 PSF	DRW	HCUSR215 05308111
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	45.0 PSF	SEQN-	101136
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SRV215_Z07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND NCTA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: PROVISIONS OF WOODS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI/ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF WOODS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI/ALPINE 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 TPI-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.

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1950 Marley Drive
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FL Certificate of Authorization # 567

JAMES L. COLLINS, JR.
LICENSED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 52212
Nov 04 '03

Top chord 2x6 SP #2 N
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N :W10 2x6 SP #2 N:
:W12, W13 2x4 SP SS:

150 mph wind, 19.11 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.13" due to live load and 0.18" due to dead load.

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

Left side jacks have 9-0-0 setback with 2-0-0 cant and 0-0-0 overhang. End jacks have 9-0-0 setback with 2-0-0 cant and 0-0-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 12-11-15.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

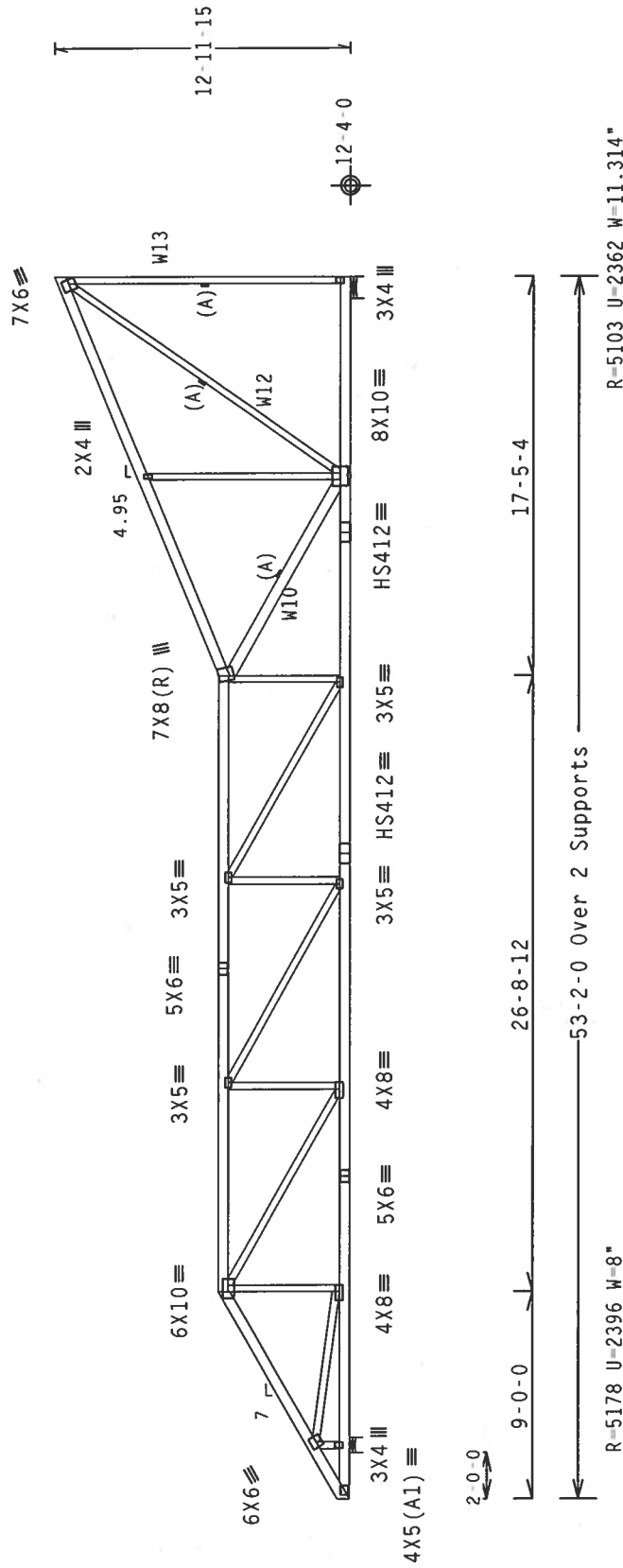
Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

#1 hip supports 9-0-0 jacks W/2 panel TC and no end vert.

Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/F8C

PLT TYP. 20 Gauge HS,Wave

Cq/RT=1.00(1.25)/10(0)

7.20.0918

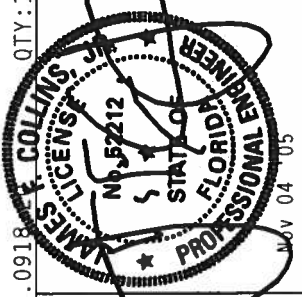
QTY:1

Scale =.125"/Ft.

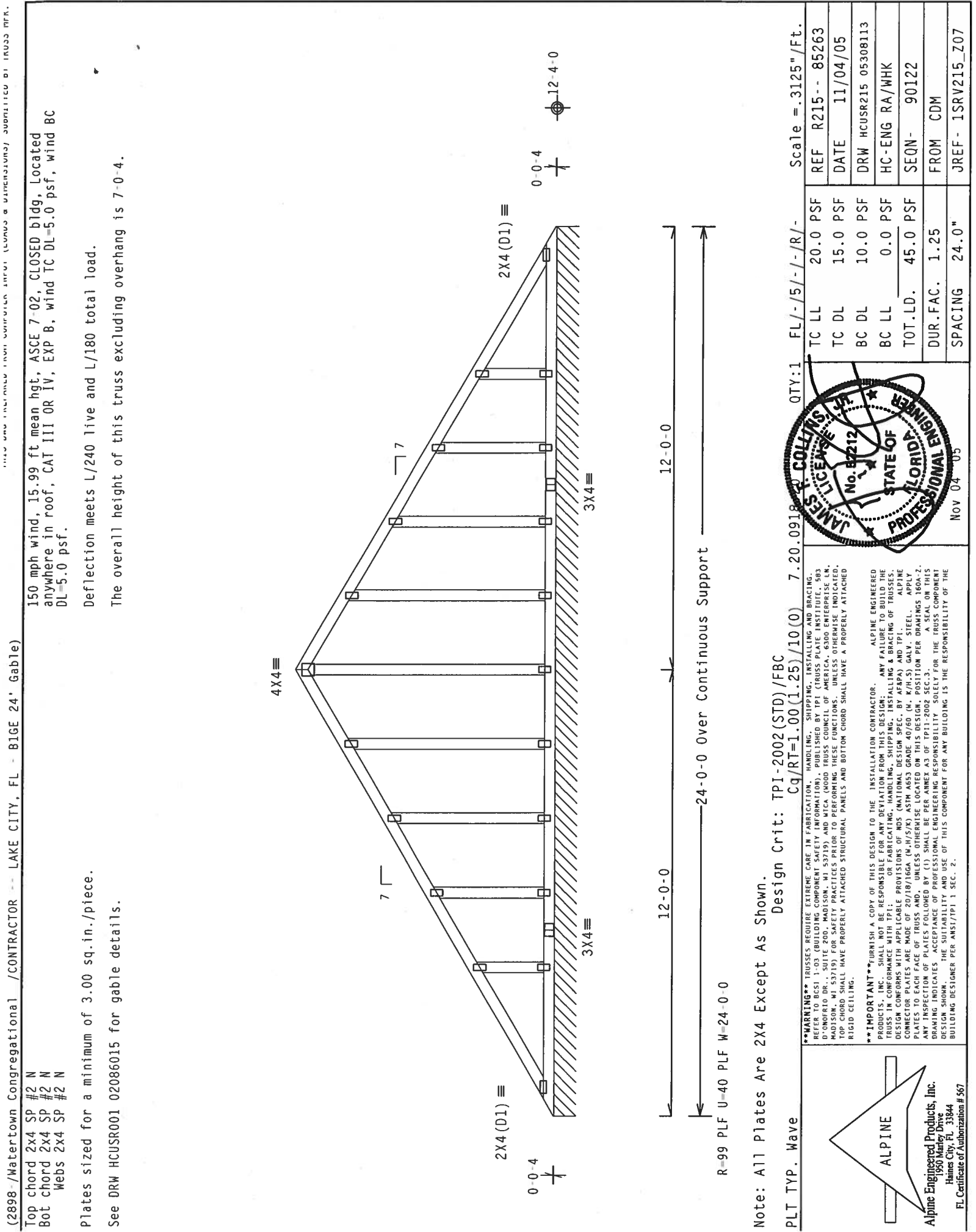
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'DONNELL DR., SUITE 200, MADISON, WI 53719), AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, 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 AFAPA) AND IPTI. CONSTRUCTION OF TRUSSES SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 1. ALL TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE TPI-2002 STD. 2. ANY INSPECTION OF TRUSSES SHALL BE PERFORMED BY A TPI-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.

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TC LL	20.0 PSF	REF R215-- 85262
TC DL	15.0 PSF	DATE 11/04/05
BC DL	10.0 PSF	DRW HCUSR215 05308112
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	45.0 PSF	SEQN- 101132
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SRV215_Z07



(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - BIGE 24' Gable)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

150 mph wind, 15.99 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 7'-0-4.

Plates sized for a minimum of 3.00 sq.in./piece.

See DRW HCUSR001 02086015 for gable details.

Scale = .3125"/Ft.

REF R215-- 85263
DATE 11/04/05
DRW HCUSR215 05308113
HC-ENG RA/WHK
SEQN- 90122
FROM CDM
JREF- 1SRV215_Z07

QTY: 1 FL/- 5/- /- /R/-

TC LL 20.0 PSF
TC DL 15.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 45.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918

NOTE: ALL PLATES ARE 2X4 EXCEPT AS SHOWN.

PLT TYP. Wave

R=99 PLF U-40 PLF W-24-0-0

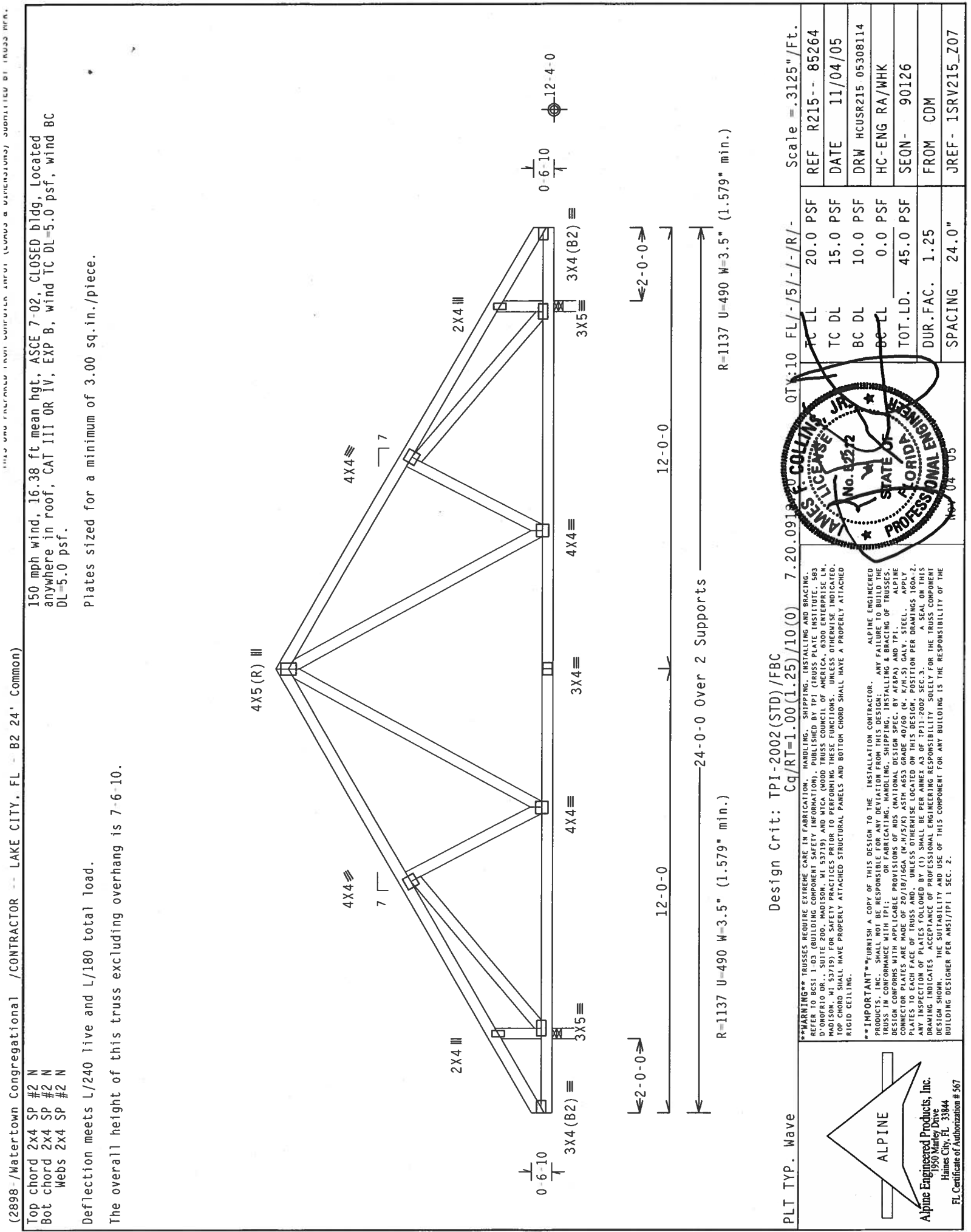
24-0-0 Over Continuous Support

12-0-0 12-0-0

2X4 (D1) 3X4 3X4 2X4 (D1)

0-0-4 0-0-4 12-4-0

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(2898- /Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - B2 24' Common)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 7'-6" 10".

150 mph wind, 16.38 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.20.0913

Scale = .3125"/Ft.

PLT TYP. Wave

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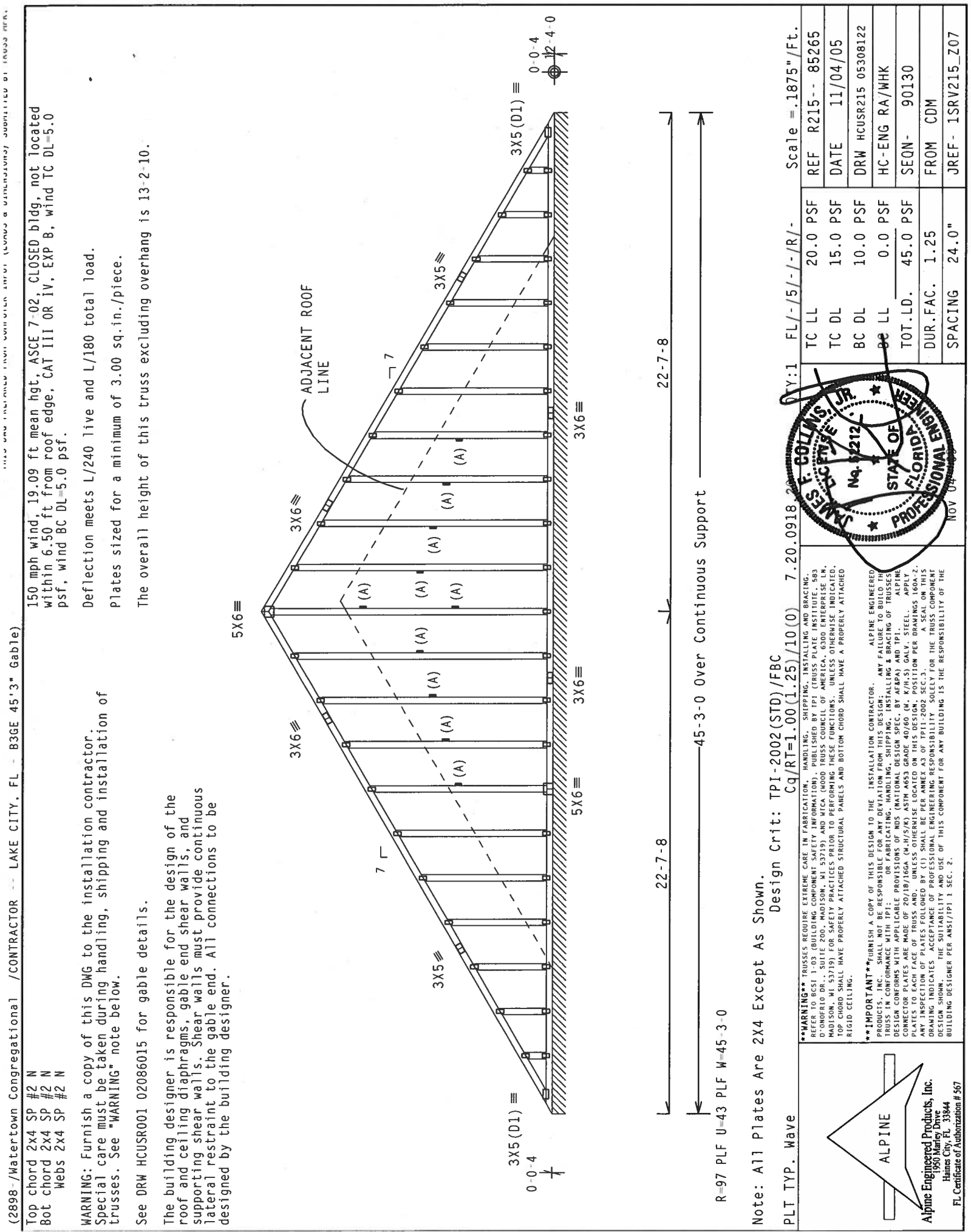
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ALPINE



(2898-Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - B3GE 45'3" Gable)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation of
trusses. See "WARNING" note below.

See DRW HCUSR001 02086015 for gable details.

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.

150 mph wind, 19.09 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 6.50 ft from roof edge, CAT III OR IV, EXP 8, wind TC DL=5.0
psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 13-2-10.

Scale = .1875" / Ft.

REF R215-- 85265

DATE 11/04/05

DRW HCUSR215 05308122

HC-ENG RA/WHK

SEQN- 90130

FROM CDM

JREF- 1SRV215_Z07

PLT TYP. Wave

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

Scale = .1875" / Ft.

REF R215-- 85265

DATE 11/04/05

DRW HCUSR215 05308122

HC-ENG RA/WHK

SEQN- 90130

FROM CDM

JREF- 1SRV215_Z07

PLT TYP. Wave

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

Scale = .1875" / Ft.

REF R215-- 85265

DATE 11/04/05

DRW HCUSR215 05308122

HC-ENG RA/WHK

SEQN- 90130

FROM CDM

JREF- 1SRV215_Z07

PLT TYP. Wave

Note: All Plates Are 2X4 Except As Shown.

(2898-/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - B4 45'3" Common)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation of
trusses. See "WARNING" note below.

150 mph wind, 19.48 ft mean hgt, ASCE 7-02, CLOSED bldg. not located
within 6.50 ft from roof edge, CAT III OR IV, EXP 8, wind TC DL=5.0
psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 13-9-0.

5X6
3X6
3X5
4X4
5X5
2X4
3X5 (B2)
5X5
3X5 (B2)
22-7-8
45-3-0 Over 2 Supports
12-0-0
R=2143 U-972 W-8" (2.977" min.)
R=2143 U-972 W-8" (2.977" min.)

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918 7.20.0918

Scale = .1875"/Ft.

QTY: 9 FL/-/5/-/-/R/-

TC LL	20.0 PSF
TC DL	15.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	45.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

ALPINE
Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Nov 04 2009

PROFESSIONAL

STATE OF FLORIDA

ENGINEER

NO. 82412

JR

COLLINS

EXPIRATION DATE 11/04/05

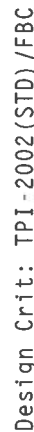
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (MANUAL DESIGN SPEC. BY AISC) AND TPI: ALPINE PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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150 mph wind, 15.99 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq.in./piece.


$$Ca/RT=1.00(1.25)/10(0) \quad 7.20.0918$$

Scale = .375" / Ft.

20.0	PSE
------	-----

OFF 0215-- 85267

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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DATE 11/01/05

10760 CTZN 17Y

15.0 PST

DATE 11/04/05

BC DL	10.0 PSF
-------	----------

ORW HCUSR215 05308124

BC LL 0.0 PSF

HC-ENG RA/WHK

TOT ID. 45.0 PSE

SF0N- 90158

DIPLOMACY

[illegible]

DUR.FAL. 1.25

- ROM CUM

SPACING 24.0"

REF- 1SRV215_Z07

(2898-/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - BSA 10'7"13 Mono)

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-9-3.

150 mph wind, 15.99 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq.in./piece.

2X4

3X6

3X6

3X4 (B2)

2X4

3X5 (R)

6-9-3

12-4-0

10-7-13 Over 2 Supports

R-646 U=180 W=8" (1.5" min.)

R-363 U=296 W=9.814" (1.5" min.)

0-6-10

7

(A)

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00 (1.25)/10(0)

7.20.0918

Scale = .375"/Ft.

QTY:1

FL/-/5/-/-/R/-

TC LL

20.0 PSF

TC DL

15.0 PSF

BC DL

10.0 PSF

BC LL

0.0 PSF

TOT.LD.

45.0 PSF

DUR.FAC.

1.25

SPACING

24.0"

REF

R215-- 85268

DATE

11/04/05

DRW

HCUSR215 05308125

HC-ENG

RA/WHK

SEQN-

90137

FROM

CDM

JREF-

1SRV215_Z07

ALPINE

Alpine Engineered Products, Inc.

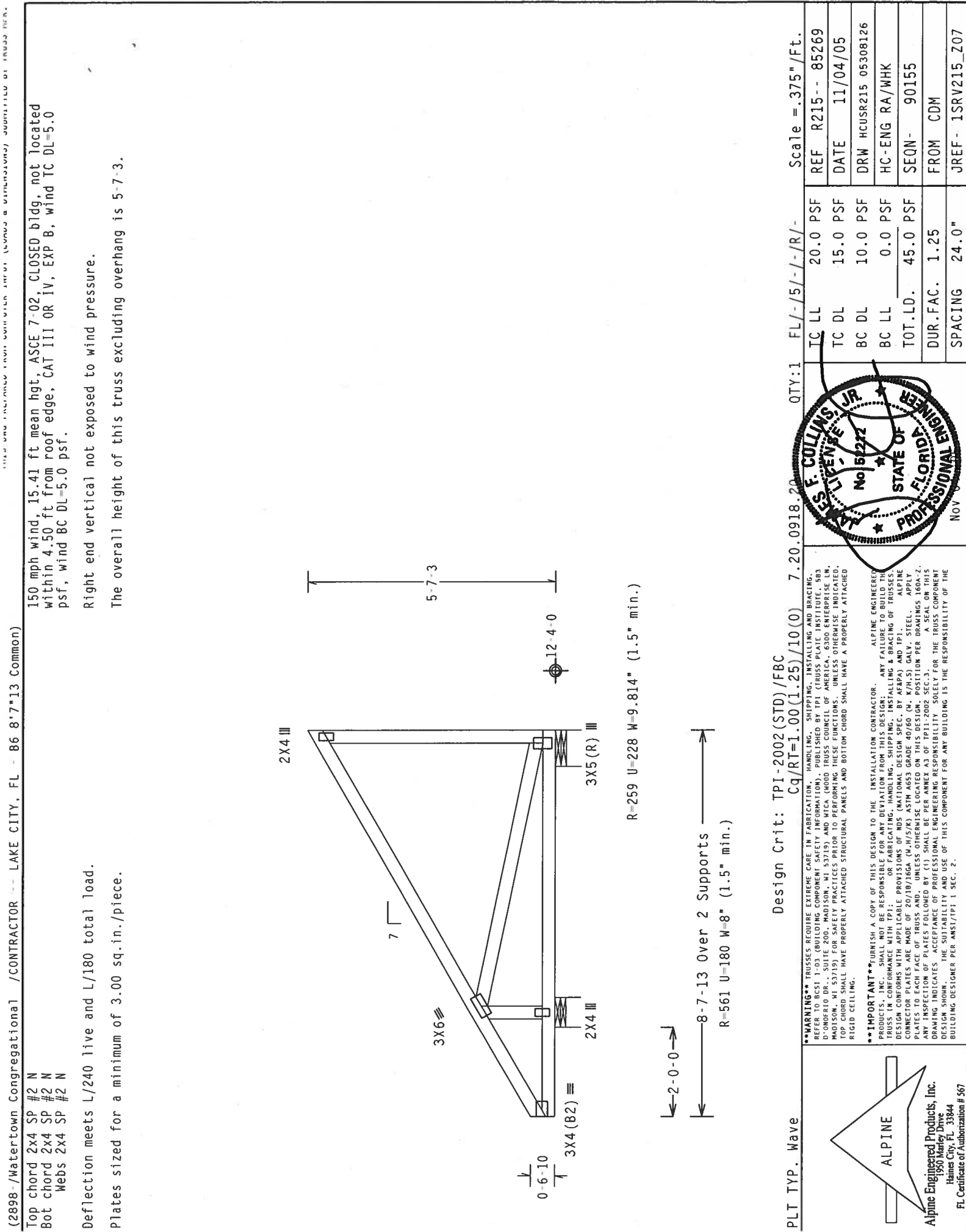
1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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, COMPROMISES THE INTEGRITY OF THE TRUSS. PROVIDERS OF TRUSSES SHALL BE RESPONSIBLE FOR THE TRUSS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE TRUSS. PROVIDERS OF TRUSSES SHALL BE RESPONSIBLE FOR THE TRUSS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE TRUSS. PROVIDERS OF TRUSSES SHALL BE RESPONSIBLE FOR THE TRUSS.



(2898--/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - 86 8'7\"/>

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

150 mph wind, 15.41 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 5-7-3.

Scale = .375\"/>

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918.20 QTY:1 FL/-/5/-/-/R/-

PLT TYP. Wave

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Nov 06
Professional Engineer
STATE OF FLORIDA
No 51272
F. COLLINS, JR.
LICENSED

REF	DATE	DRW	HC	SE	FROM	JREF							
R215--	11/04/05	HCUSR215	05308126	90155	CDM	1SRV215_Z07							
TC LL	20.0 PSF	TC DL	15.0 PSF	BC DL	10.0 PSF	BC LL	0.0 PSF	TOT.LD.	45.0 PSF	DUR.FAC.	1.25	SPACING	24.0"

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

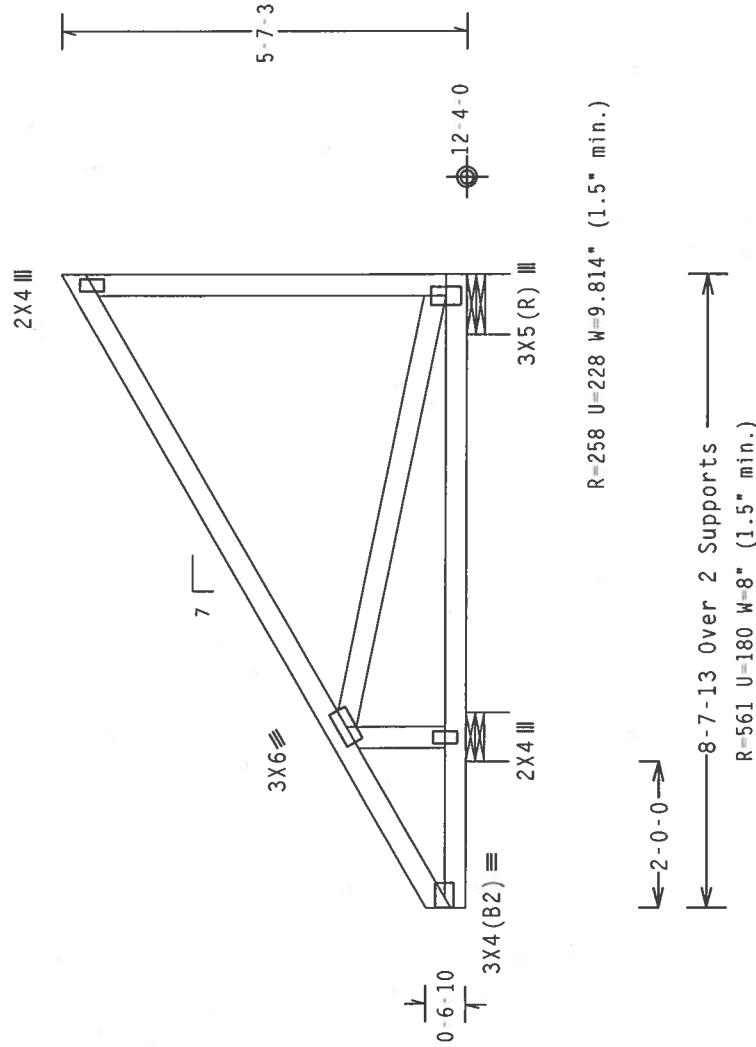
150 mph wind, 15.41 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

Right end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5-7-3.



PLT TYP. Wave

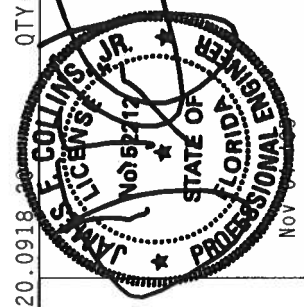
Design Crit: TPI-2002(STD)/FBC

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING INFORMATION: PUBLISHED BY TPI (TRUSS PLAN INSTITUTE, 983 O'DONNELL DR., SUITE 200, MADISON, WISCONSIN 53719) AND TPI (TRUSS PLAN INSTITUTE, 983 O'DONNELL DR., SUITE 200, MADISON, WISCONSIN 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHER TRUSSES MAY BE AVAILABLE. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BRACING.

QTY:1 FL/-/5/-/-/R/-

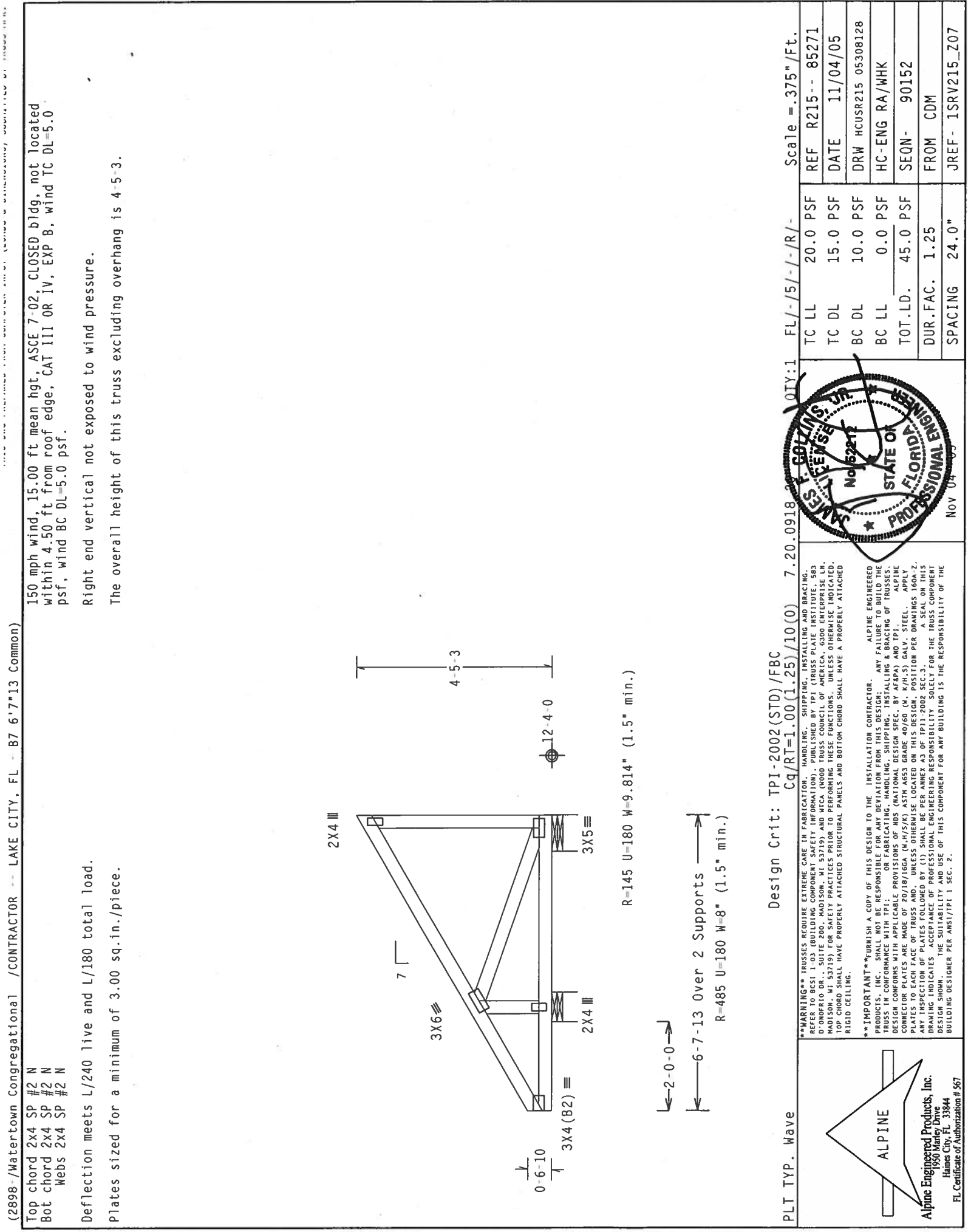
Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R215--	85270
TC DL	15.0	PSF	DATE	11/04/05	
BC DL	10.0	PSF	DRW	HCUSR215	05308127
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	45.0	PSF	SEQN-	90140	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SRV215_Z07	



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization #567

FL Certificate of Authorization # S67



(2898-Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - B7 6'7"13 Common)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.
Plates sized for a minimum of 3.00 sq.in./piece.

150 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 4-5-3.

PLT TYP. Wave

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0) 7.20.0918 2010 QTY:1

Scale = .375" /Ft.

TC LL	20.0 PSF
TC DL	15.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	45.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF R215-- 85271
DATE 11/04/05
DRW HCUSR215 05308128
HC-ENG RA/WHK
SEQN- 90152
FROM CDM
JREF- 1SRV215_Z07

Nov 04 03

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 62217
J. COLTINS JR.
LICENSED

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

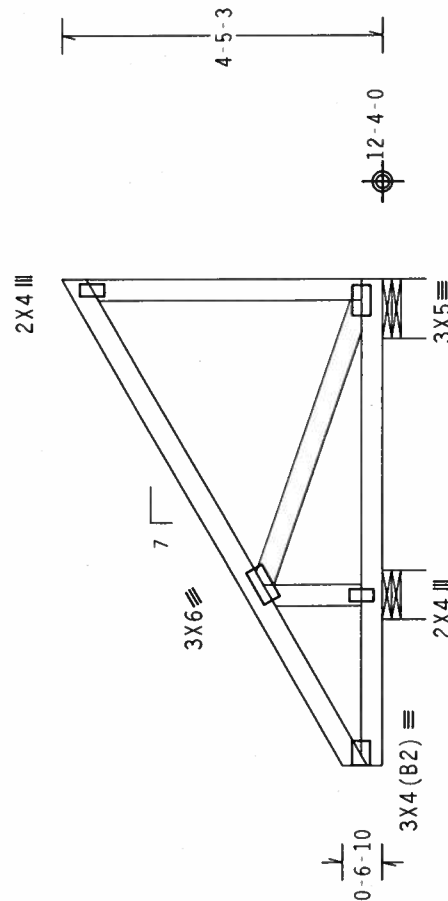
150 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

Right end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-5-3.



R=145 U=180 W=9.814" (1.5" min.)

7-0-0-2-0

← 6-7-13 Over 2 Supports →
R=485 U=180 W=8" (1.5" min.)

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Cq}/\text{RT}=1.00(1.25)/$

PLT TYP. Wave

$$Cq/RT=1.00(1.25)/10(0) \quad 7.$$

QTY:1 FL/-/5/-/-/R/-/-

Scale = .375"/Ft.

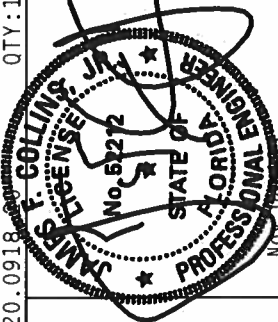
[illegible]

*PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY TPI1 SHALL BE PER ANNEX A OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS CONSTRUCTION. THE USE OF THIS CONSENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A OF TPI1-2002 SEC.2.



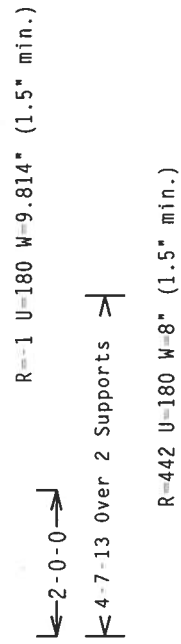
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF R215 - - 85272
TC DL	15.0 PSF	DATE 11/04/05
BC DL	10.0 PSF	DRW HCUSR215 05308129
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	45.0 PSF	SEQN- 90143
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SRV215_Z07

Deflection meets L/240 live and L/180 total load.
Plates sized for a minimum of 3.00 sq.in./piece.



QTY:1	FL/-5/-/-R/-	Scale =.375"/Ft.
FC LL	20.0 PSF	REF R215-- 85273
TC DL	15.0 PSF	DATE 11/04/05
BC DL	10.0 PSF	DRW HCUSR215 05308130
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	45.0 PSF	SEQN- 90149
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SRV215_Z07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 E. D'ONOFIO DR., SUITE 200, MADISON, WI 53719, AND NITCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&A) AND TPI: ALPINE TRUSS PLATE INSTITUTE 10/87 (TRUSS MANUFACTURING AND INSTALLATION) AND TPI: TRUSS MANUFACTURING AND INSTALLATION PLATES TO EACH FACE OF TRUSS AND JOINTS. DIMENSIONS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER ANNEX A3 OF TPI-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.

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

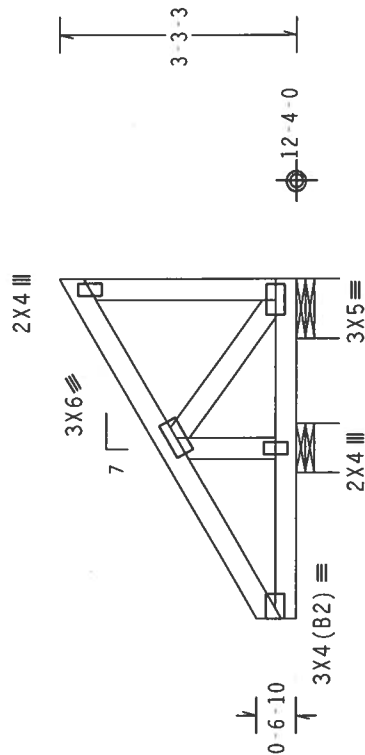
1150 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

Right end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 3-3-3.



R-1 U=180 W=9.814" (1.5" min.)

2-0-0-7

~~<4-7-13~~ Over 2 Supports Δ

R=442 U=180 W=8" (1.5" min.)

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$Ca/RT = 1.00(1.25)/10(0) \quad 7.20.0918.20$$

Scale = .375" / Ft.

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. FOLLOW THESE INSTRUCTIONS TO PREVENT DAMAGE TO THE CROSS PLATE INSTITUTE 363
OF MEMPHIS DR., SUITE 300, MADISON, WI 53719.
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. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI's PROVISIONS FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR CONNECTOR PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED IN THIS DESIGN SPEC. (A) AND THE ALPINE DRAWING SHALL BE VOID. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, APPROVALS, PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A-3 OF TPII-2009 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.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

FL Certificate of Authorization # 567
Haines City, FL 33844



NOV 1964

SPACING	24.0"	JREF- 1SRV215 Z07
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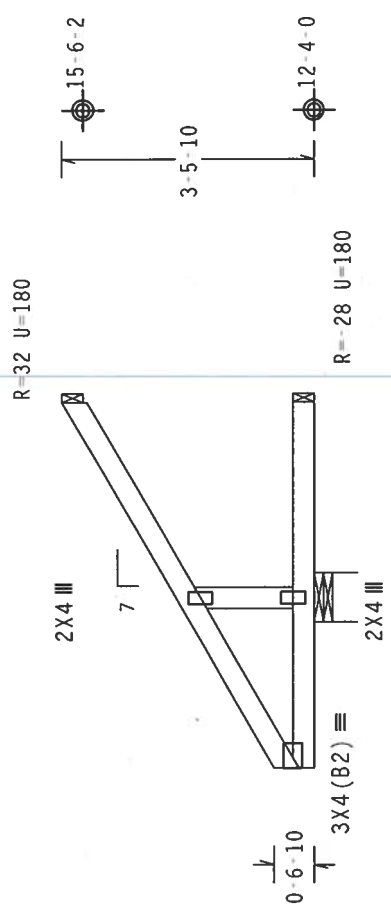
(2898 -) Watertown Congregational / CONTRACTOR - LAKE CITY, FL - J3 5' Jack)

	Top	Bot		#2	N
	chord	chord	SP	SP	N
	chord	chord	SP	SP	N
	Webs		SP	SP	N

150 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-5-10.



$\overbrace{\quad}^{2'-0''}$
 $\overbrace{\quad}^{5'-0''}$ Over 3 Supports $\overbrace{\quad}^{R=470 \text{ U}=180 \text{ W}=8'' (1.5'' \text{ min.})}$

PLT TYP.	Wave	Design Crit:	TPI-2002 (STD) / FBC
			Cq/RT=1.00 (1.25) /

Scale = .375"/Ft.

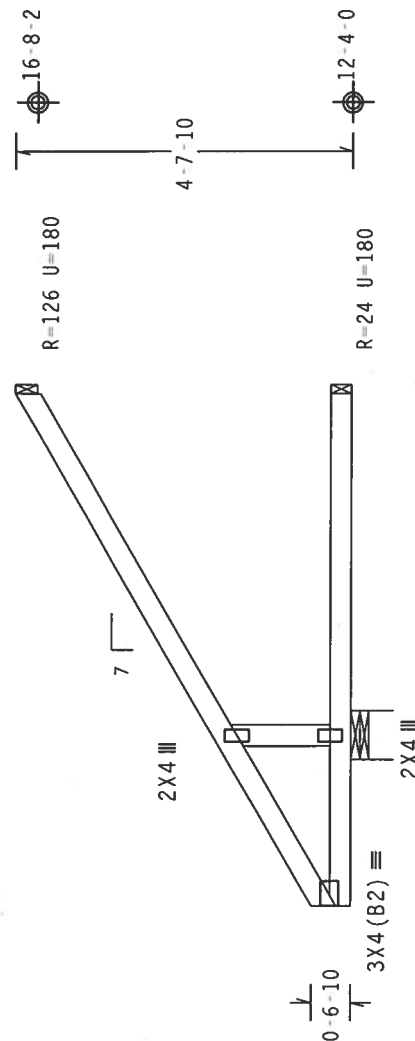
[illegible]

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1150 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

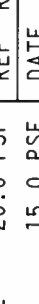
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4'-7"-10".



PLT TYP. Wave

Scale = .375"/Ft.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

REF R215--	85277	TC LL	20.0 PSF
DATE	11/04/05	TC DL	15.0 PSF
DRW HCURS215	05308134	BC DL	10.0 PSF
HC-ENG RA/WHK		BC LL	0.0 PSF
SEQN-	90201	TOT.LD.	45.0 PSF
FROM	CDM	DUR.FAC.	1.25
JREF-	1SRV215_Z07	SPACING	24.0"

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFIO DR., SUITE 200, MADISON, MI 53719), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ASEP) AND TPI SPEC. THE CONNECTOR PLATES ARE MADE OF 20/18/16GA (IN W/S/K) ASTM A563 GRADE 40/60 (IN W/H S) GALV STEEL. APPLIES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-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 3 SEC. 2.

ALPINE

FLORIDA PROFESSIONAL ENGINEER

STATE OF FLORIDA

No. 52272

J. GULLING, JR.

Nov 04 05

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

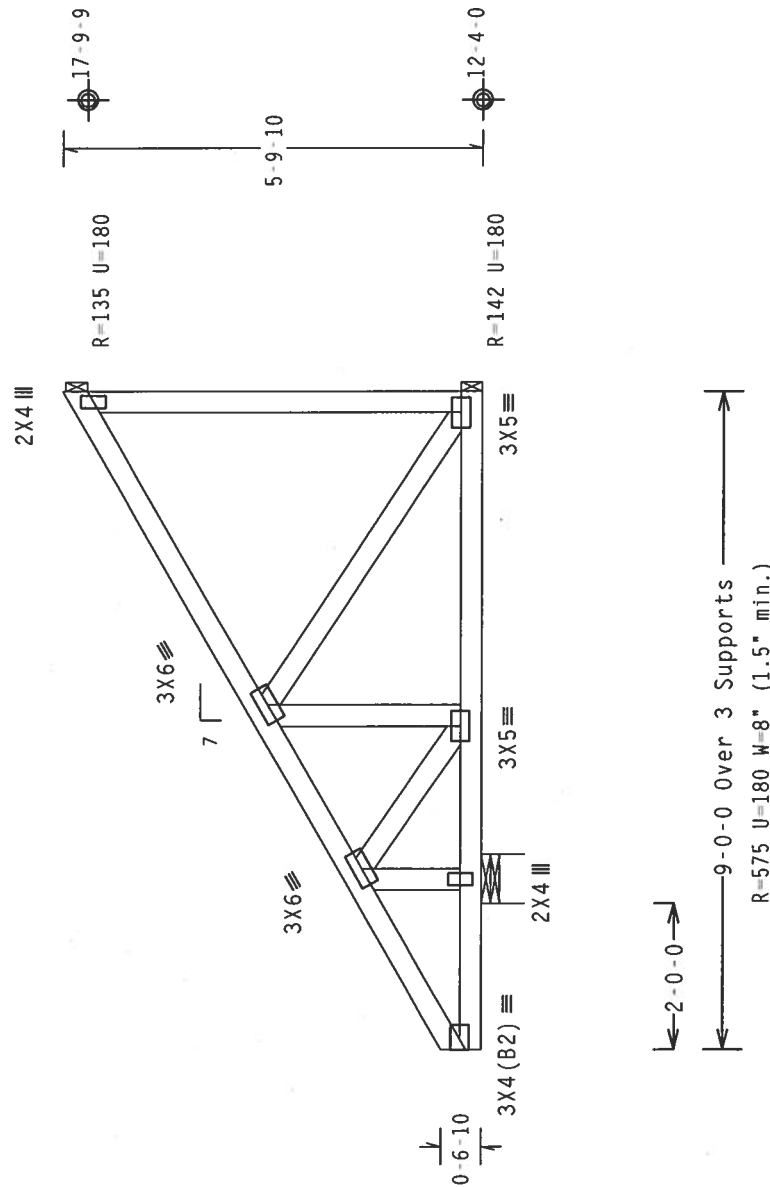
150 mph wind, 15.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

Right end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5-9-10.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

 $Cq/RT=1.00(1.25)/10(0)$ 7.20.0918

Scale = .375"/Ft.

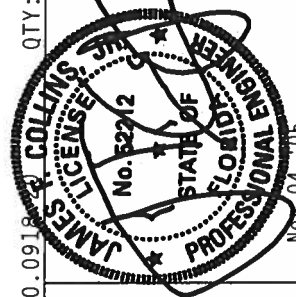
WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCSP 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 193 W. 62ND ST. DR., SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD GIRD.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS & PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL) AND ALPINE. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11-2009-SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A OF TP11-2009-SEC-2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

FL Certificate of Authorization # 567
Haines City, FL 33844



Nov 04 '05

TC LL	20.0 PSF	REF	R215-- 85278
TC DL	15.0 PSF	DATE	11/04/05
BC DL	10.0 PSF	DRW	HCUSR215 05308135
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	45.0 PSF	SEGN-	90197
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SRV215_Z07

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

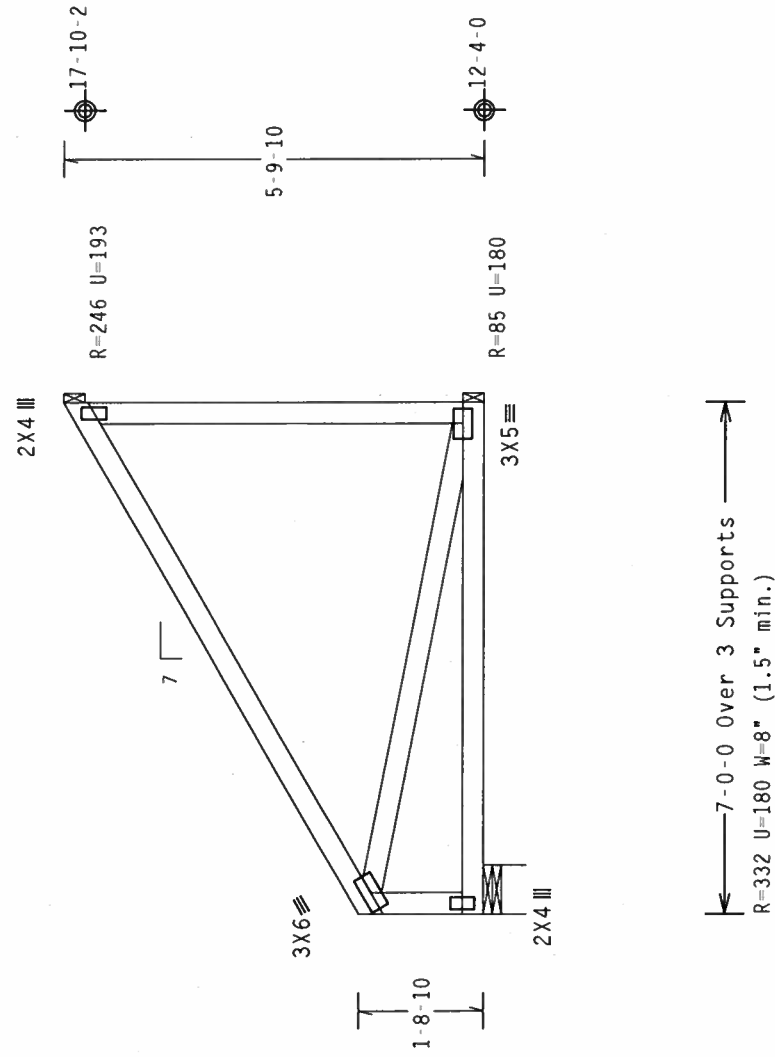
150 mph wind, 16.09 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

Right end vertical not exposed to wind pressure.

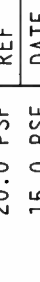
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5-9-10.



PLT TYP.	Wave	Design Crit:	TPI-2002(STD)/FBC
			Cq/RT=1.00(1.25)/

Scale = .375"/Ft.



Alpine Engineered Products, Inc.
 1950 Marley Drive
 Gaines City, FL 33844
 FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 MAIN ST., SUITE 100, ANDOVER, MA 01810), AND MECA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53717) FOR INFORMATION ON THE PROPER METHODS 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. FOR STEEL TRUSSES AND THE CONNECTOR PLATES ARE MADE OF 70/187166A (A-H/US/ST) ASTM A463 GRADE 40/66 (A-H/US/ST) AND TOP STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER HANDBOOK 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-1-002 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.



James Collins, Jr.
 No. 82212
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

TC LL	20.0	PSF	REF	R215 --	85279
TC DL	15.0	PSF	DATE	11/04/05	
BC DL	10.0	PSF	DRW	HCUSR215	05308136
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	45.0	PSF	SEQN-	90192	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SRV215	Z07

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

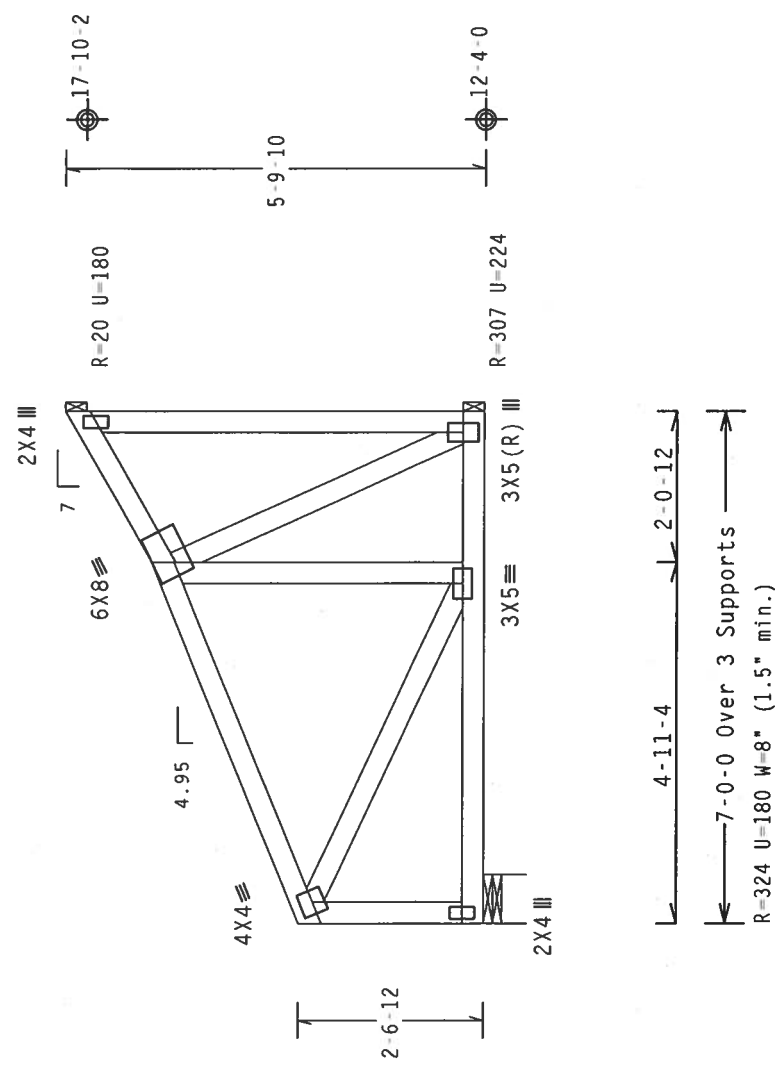
150 mph wind, 16.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

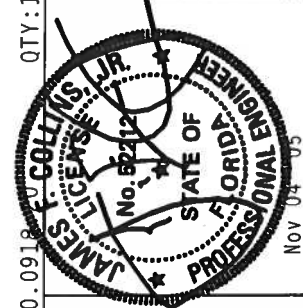
The overall height of this truss excluding overhang is 5-9-10.



PLT TYP.	Wave	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/1
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Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R215 --	85280
TC DL	15.0	PSF	DATE	11/04/05	
BC DL	10.0	PSF	DRW	HCUSR215	05308137
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	45.0	PSF	SEQN-	90189	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SRV215_Z07	



ALPINE

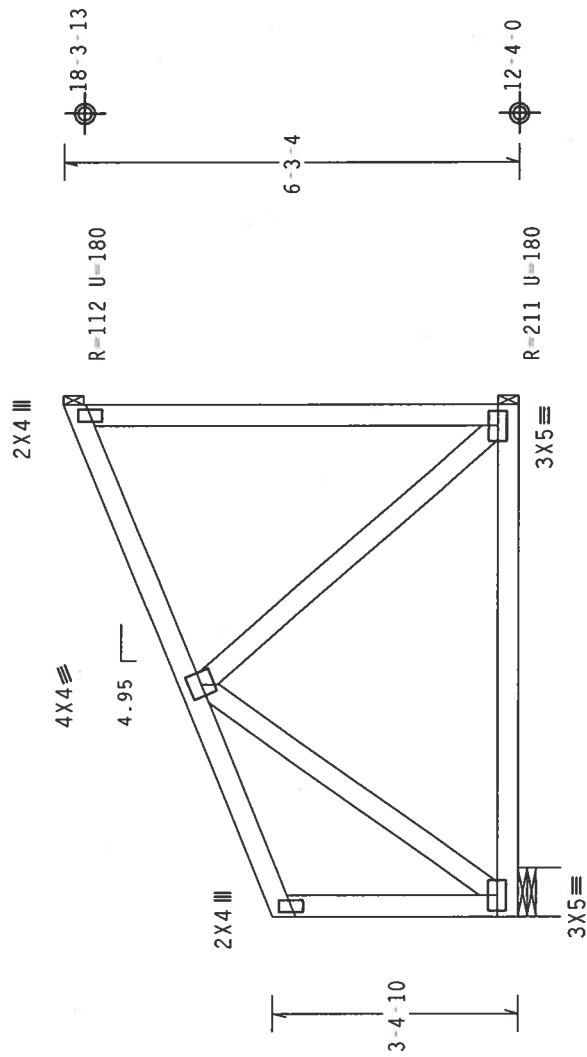
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 567

150 mph wind, 17.16 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

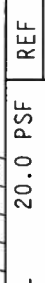
Plates sized for a minimum of 3.00 sq.in./piece.



7-0-0 Over 3 Supports

PLT TYP. Wave

PLT TYP. Wave



ALPINE

Alpine Engineered Products, Inc.
 1950 Market Street
 Haines City, FL 33844

FL Certificate of Authorization # 567

Cq/RT=1.00(1.25)/10(0) **7.20.0918** **QTY:1**

Scale = .375"/Ft.

Nov 09

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'NEOFRIO DR., SUITE 200, MADISON, MI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 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.

ALPINE ENGINEERED PRODUCTS, 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. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/M) ASTM A653 GRADE 40/60 (W. K/H-S) 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 TPI-2002 SEC.3. A SEAL ON THE 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.

TC LL	20.0	PSF	FL/-/5/-/-/R/-	QTY:1	7.20.0918	JAMES F. COLLINS REGISTERED PROFESSIONAL ENGINEER STATE OF FLORIDA No 52212
TC DL	15.0	PSF				
BC DL	10.0	PSF				
BC LL	0.0	PSF				
TOT.LD.	45.0	PSF				
DUR.FAC.	1.25					
SPACING	24.0"					

REF R215-- 85281

DATE 11/04/05

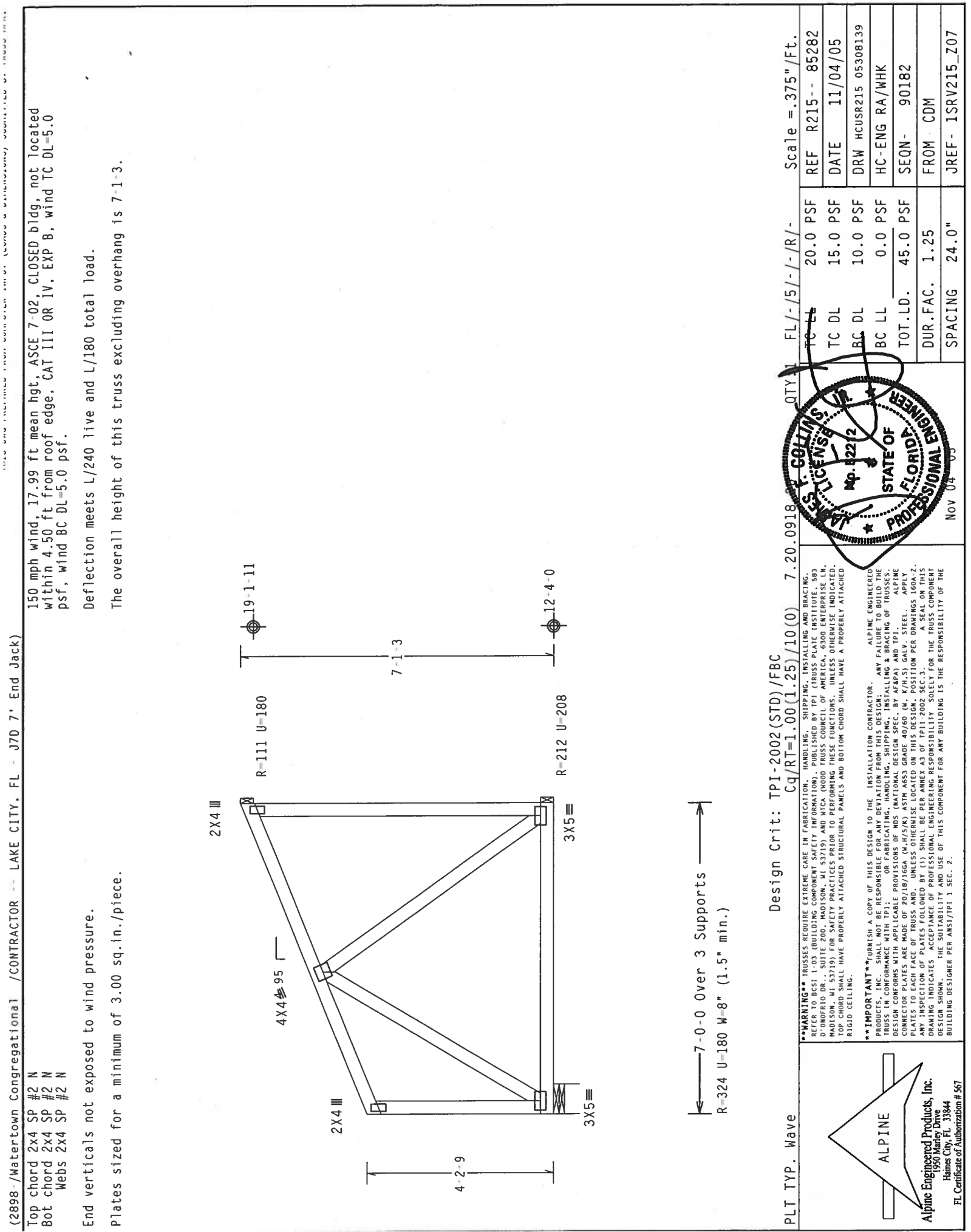
DRW HCUSR215 05308138

HC-ENG RA/WHK

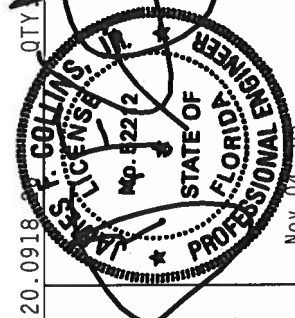
SEQN- 90185

FROM CDM

JREF- 1SRV215_207

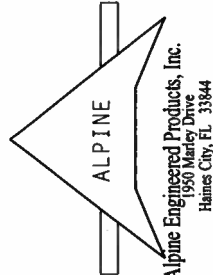


(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - J7D 7' End Jack)		PLT TYP. Wave		Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)		7.20.0918		QTY		FL/-/5/-/-/R/-		Scale = .375"/Ft.	
Top chord 2x4 SP #2 N		2X4		R=111 U=180		7-1-3		19-1-11		20.0 PSF		REF R215-- 85282	
Bot chord 2x4 SP #2 N		3X5		R=212 U=208		12-4-0		12-4-0		15.0 PSF		DATE 11/04/05	
Webs 2x4 SP #2 N		2X4		4X4 #95		7-1-3		12-4-0		10.0 PSF		DRW HCUSR215 05308139	
End verticals not exposed to wind pressure.		3X5		4X4 #95		7-1-3		12-4-0		0.0 PSF		HC-ENG RA/WHK	
Plates sized for a minimum of 3.00 sq.in./piece.		3X5		4X4 #95		7-1-3		12-4-0		45.0 PSF		SEQN- 90182	
		3X5		4X4 #95		7-1-3		12-4-0		1.25		FROM CDM	
		3X5		4X4 #95		7-1-3		12-4-0		24.0"		JREF- 1SRV215_Z07	



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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 AIA/AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/100K (44/1/1/1) STEEL. STEEL SHALL BE GALV. STEEL. APPLY GALV. TO ALL EXPOSED SURFACES. GALV. SHALL BE PER ANNEAL 3.2 OF TPI-2002 SEC. 3.2. ANY INSPECTION OF PLATES FOLLOWED BY (S) SHALL BE PER ANNEAL 3.2 OF TPI-2002 SEC. 3.2. 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 ANS/TP1 1 SEC. 2.



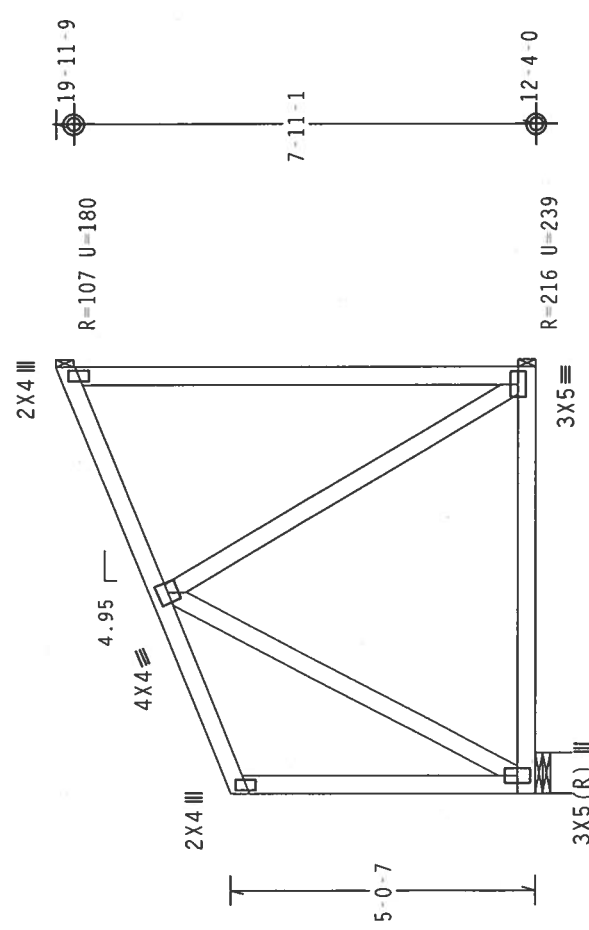
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

End verticals not exposed to wind pressure.
Plates sized for a minimum of 3.00 sq.in./piece.

150 mph wind, 18.81 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 7-11-1.



7-0-0 Over 3 Supports
R-324 U=180 W-8" (1.5" min.)

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

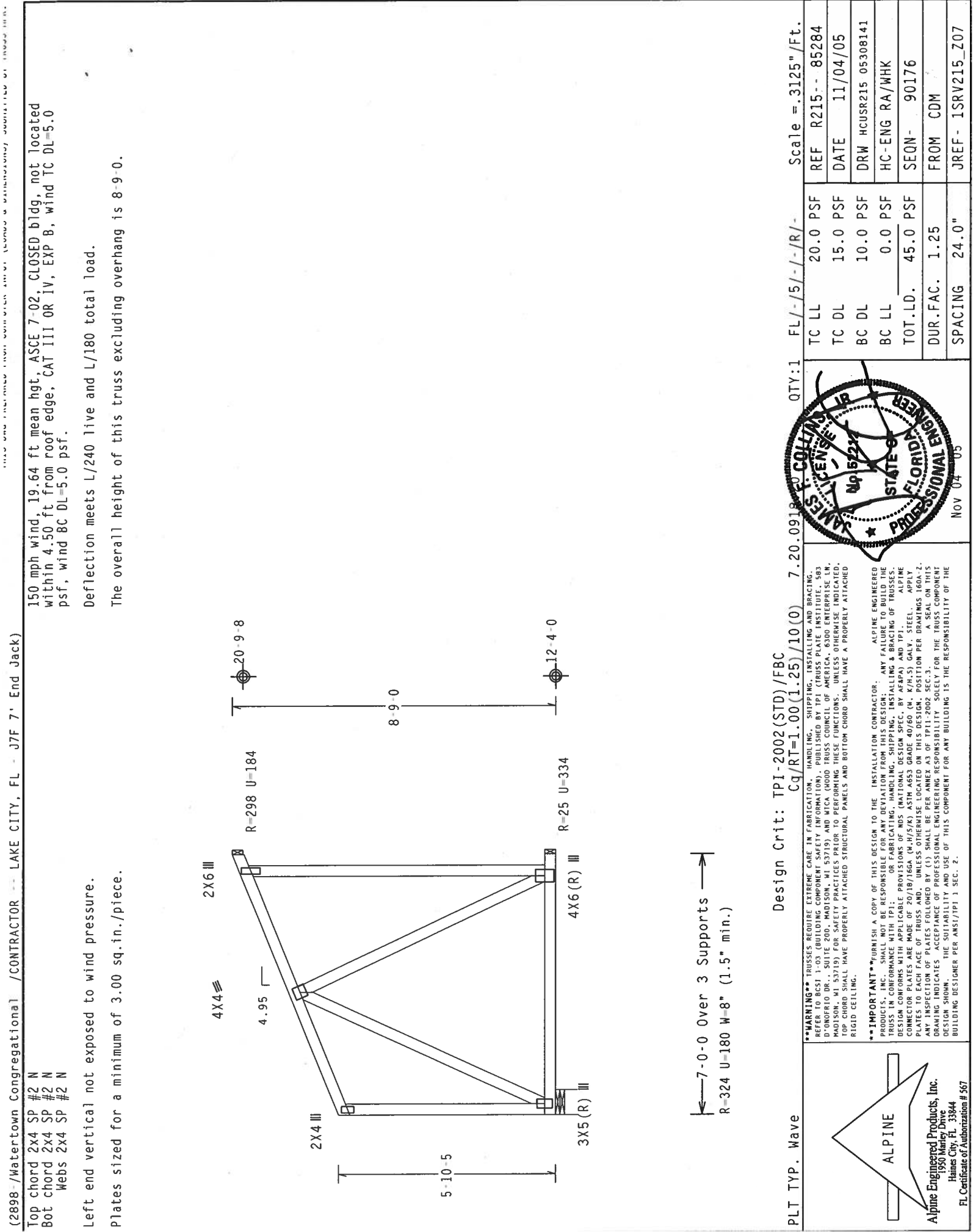
PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	Scale =.3125"/Ft.
REF R215--	20.0 PSF	TC LL	85283
DATE	15.0 PSF	TC DL	11/04/05
DRW HCUSR215	10.0 PSF	BC DL	05308140
HC-ENG RA/WHK	0.0 PSF	BC LL	
SEON-	45.0 PSF	TOT.LD.	90179
FROM CDM	1.25	DUR.FAC.	
JREF- 1SRV215_207	24.0"	SPACING	



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/76GA (W/H/S/K) ASTM A653 GRADE 40/60 (M. K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS DESIGN. THIS DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - J7F 7' End Jack)

150 mph wind, 19.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-9-0.

Left end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq.in./piece.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.20.0918

Scale = .3125"/Ft.

PLT TYP. Wave

REF R215-- 85284

DATE 11/04/05

DRW HCUSR215 05308141

HC-ENG RA/WHK

SEQN- 90176

FROM CDM

JREF- 1SRV215_Z07

7-0-0 Over 3 Supports

R=324 U=180 W=8" (1.5" min.)

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

Nov 04 05

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO 5724

JAMES F. COLLINS JR

LICENSE

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES EACH SIDE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. 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.

150 mph wind, 19.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

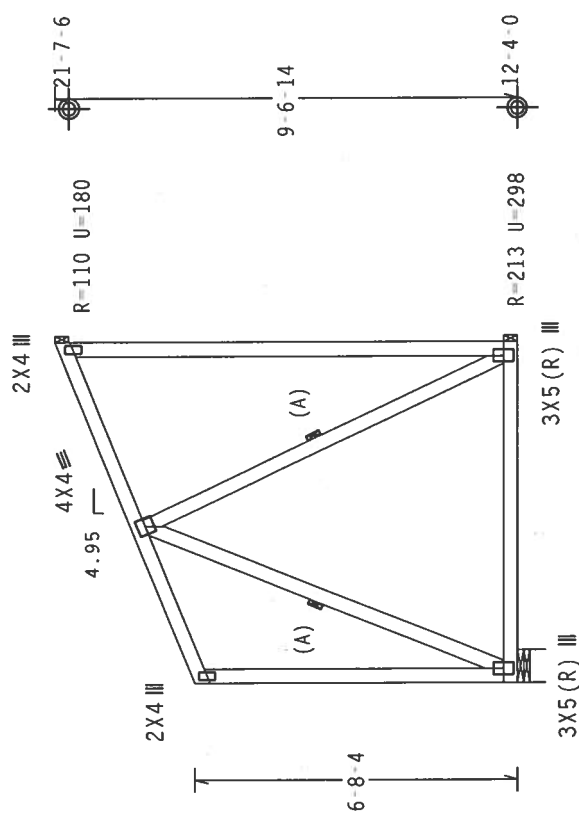
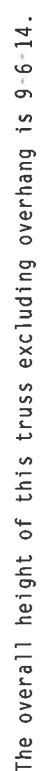
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-9-0.

150 mph wind, 20.46 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.

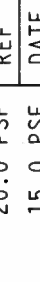


7-0-0 Over 3 Supports

R-324 U-180 W-8" (1.5" min.)

Design Crit: TPI-2002(STD)/FBC

Scale = .25" / Ft.



ALPINE
Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 583 D'AMORIO DR., SUITE 200, MADISON, WI 53719), AND WIGA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. THE CONTRACTOR 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL) AND TP1 (TRUSS PLATE INSTITUTE) AND WIGA (WOOD TRUSS COUNCIL OF AMERICA) REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EACH FACE OF TRUSS AND BOTTOM CHORD UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER PARAGRAPHS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DRAWING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



NOV 04 2003

TC LL	20.0 PSF	REF	R215 -- 83285
TC DL	15.0 PSF	DATE	11/04/05
BC DL	10.0 PSF	DRW	HCUSR215 05308142
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	45.0 PSF	SEQN-	90173
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SRV215.Z07

(2898 - Watertown Congregational) / CONTRACTOR -- LAKE CITY, FL - J7H 6'2" End Jack)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

150 mph wind, 21.46 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

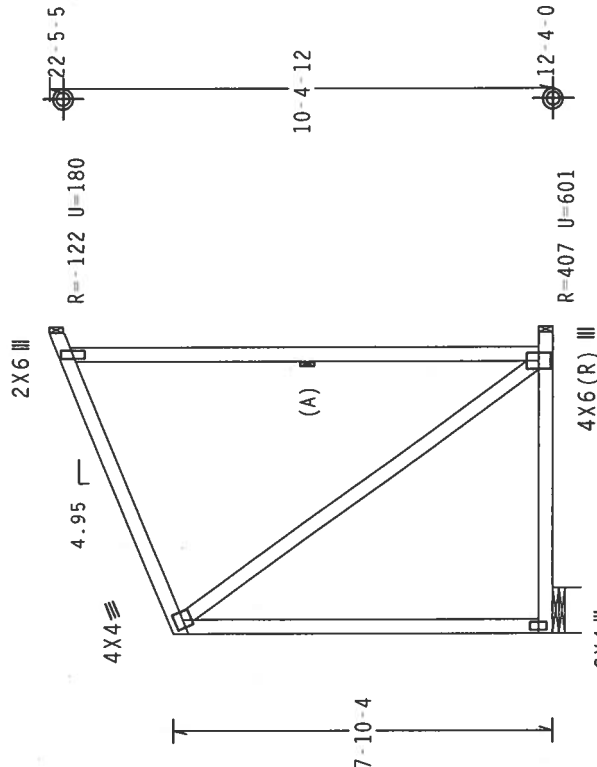
Left end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10-4-13.

(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.



16'-2" Over 3 Supports
R-285 U=180 W=11.314" (1.5" min.)

Design Crit: TPI-2002 (STD) / FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0)

7.20.0918.20

QTY: 1

Scale = .25"/Ft.

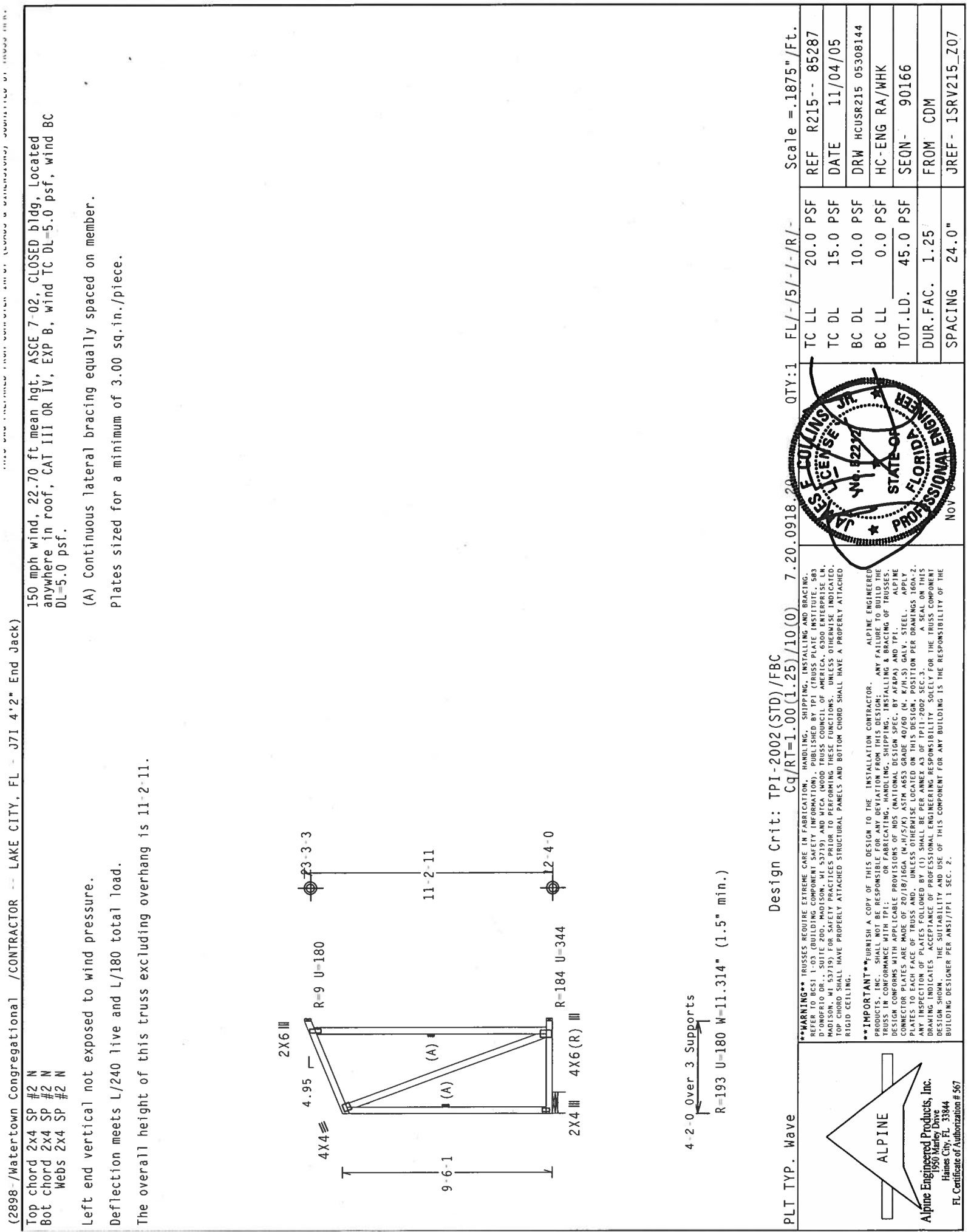
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, 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. ALPINE CONNECTIONS ARE MADE IN ACCORDANCE WITH 2018/1876GA (W-1/2/X) WITH A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. 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.

ALPINE
Alpine Engineering Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

E. COLLINS
RES. ENGINEER
No 5212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
NOV 2018

TC LL	20.0 PSF	REF R215-- 85286
TC DL	15.0 PSF	DATE 11/04/05
BC DL	10.0 PSF	DRW HCUSR215 05308143
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	45.0 PSF	SEQN- 90169
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SRV215_Z07



(2898-/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - J71 4'2" End Jack)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Left end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 11'-2-11.

150 mph wind, 22.70 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.
Plates sized for a minimum of 3.00 sq.in./piece.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

Scale = .1875"/Ft.

PLT TYP. Wave

4-2-0 Over 3 Supports
R=193 U=180 W=11.314" (1.5" min.)

2X6 III
4X4 III
2X4 III 4X6(R) III

9-6-1
4.95
R=9 U=180
R=184 U=344
11-2-11
12-4-0

ALPINE
Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Nov 6
Professional Engineer
State of Florida
License No. 82272
F. COLLINS JR.

Nov 6
Professional Engineer
State of Florida
License No. 82272
F. COLLINS JR.

150 mph wind, 23.93 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member. Plates sized for a minimum of 3.00 sq.in./piece.

Design Crit: $\text{TPI-2002(STD) / FBC}$

REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

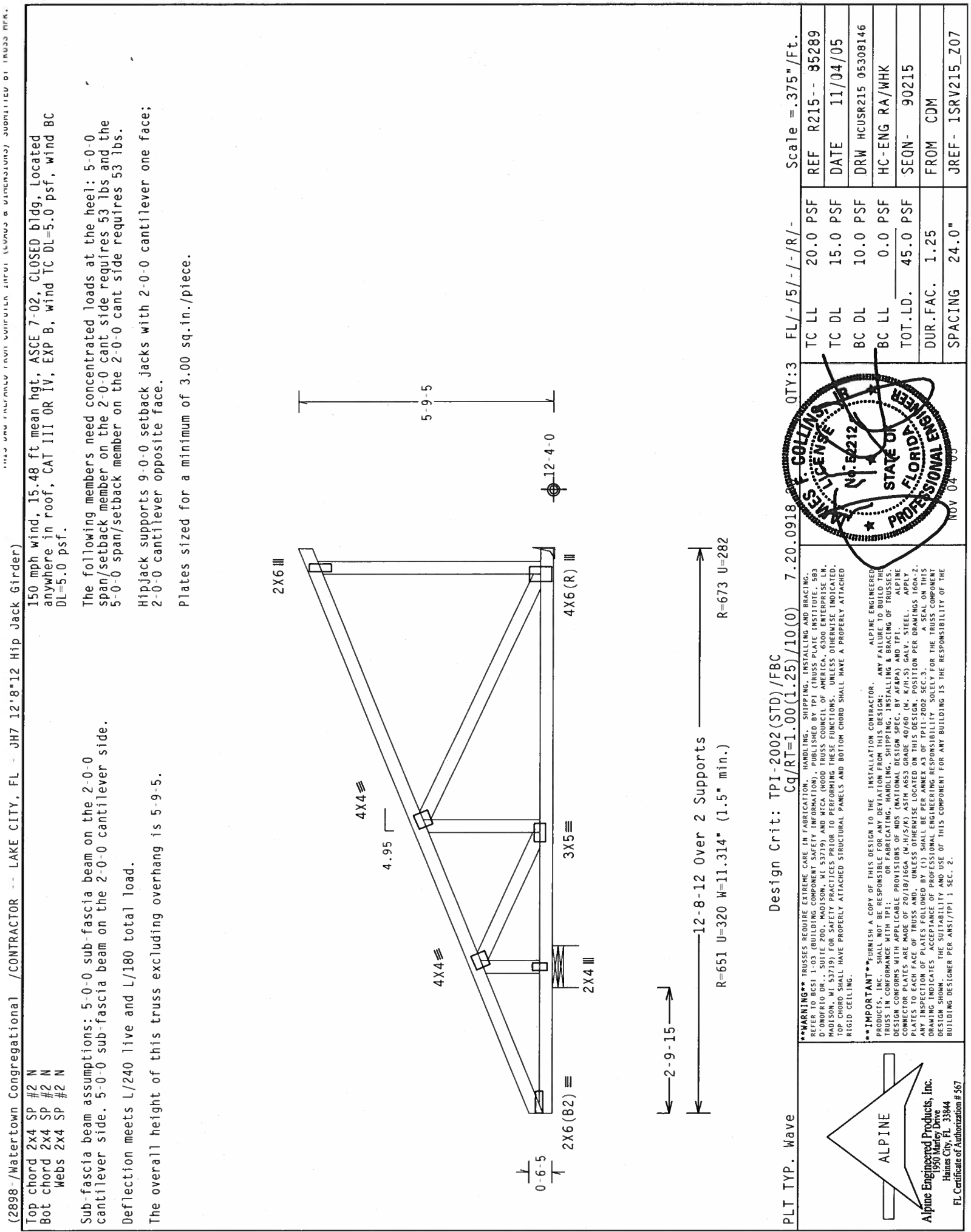
SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, SAFELY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
ALPINE
APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI.

SEAL OF THE BOARD OF PROFESSIONAL ENGINEERING REGISTRATION, STATE OF FLORIDA

PROPERTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
SI/TPI 1 SEC. 2.



(2898-Watertown Congregational /CONTRACTOR -- LAKE CITY, FL -- JH7 12'8"12 Hip Jack Girder)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Sub-fascia beam assumptions: 5-0-0 sub-fascia beam on the 2-0-0 cantilever side.
cantilever side. 5-0-0 sub-fascia beam on the 2-0-0 cantilever side.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5-9-5.

Plates sized for a minimum of 3.00 sq.in./piece.

150 mph wind, 15.48 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The following members need concentrated loads at the heel: 5-0-0 span/setback member on the 2-0-0 cant side requires 53 lbs and the 5-0-0 span/setback member on the 2-0-0 cant side requires 53 lbs.

Hipjack supports 9-0-0 setback jacks with 2-0-0 cantilever one face; 2-0-0 cantilever opposite face.

Plates sized for a minimum of 3.00 sq.in./piece.

Scale = .375"/Ft.

QTY:3 FL/-/5/-/-/R/-

REF R215-- 85289

DATE 11/04/05

DRW HCUSR215 05308146

HC-ENG RA/WHK

SEQN- 90215

FROM CDM

JREF- 1SRV215_Z07

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 45.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 15.0 PSF

TC LL 20.0 PSF

FL/-/5/-/-/R/-

7.20.0918

Cq/RT=1.00(1.25)/10(0)

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

R=651 U=320 W=11.314" (1.5" min.)

R=673 U=282

12-8-12 Over 2 Supports

2-9-15

4X4

4X4

3X5

2X6 (B2)

2X4 III

4X6 (R) III

2X6 III

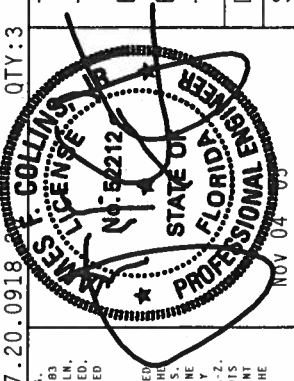
5-9-5

12-4-0

0-6-5

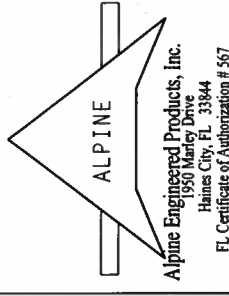
2-9-15

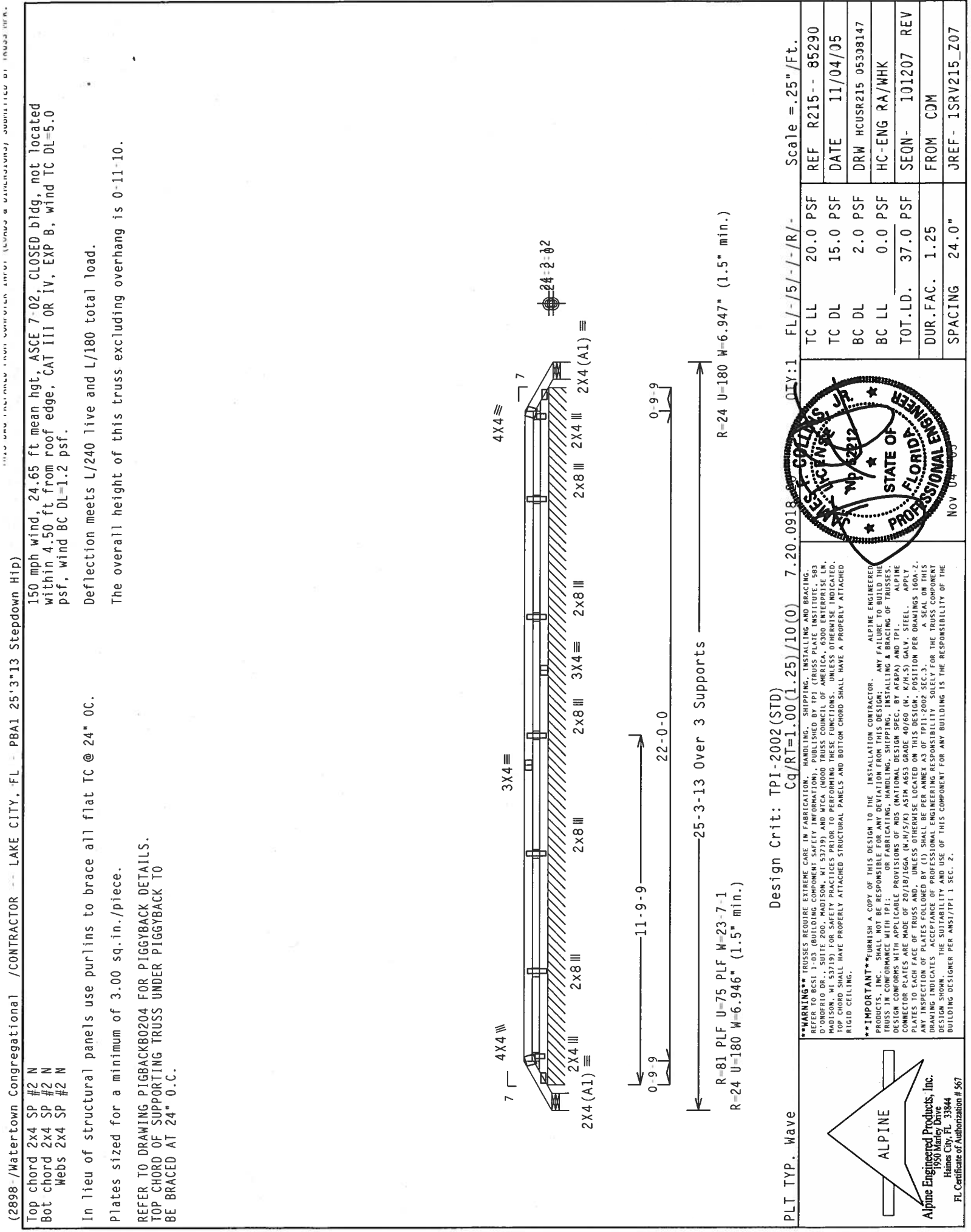
4X4



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SX) ASH A853 GRADE 40/60 (IN. K/H-S) GALV. STEEL. APPLY AN INTERSECTION OF ALL TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.





(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - PBA1 25'-3'-13" Steppedown Hip)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

150 mph wind, 24.65 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL-5.0 psf, wind BC DL-1.2 psf.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 0-11-10.

Design Crit: TPI-2002 (STD)
Cq/RT=1.00(1.25)/10(0) 7.20.0918

PLT TYP. Wave

R-81 PLF U-75 PLF W-23.7-1
R-24 U-180 W-6.946" (1.5" min.)

Scale = .25" / Ft.

REF R215-- 85290
DATE 11/04/05
DRW HCUSR215 05308147
HC-ENG RA/WHK
SEQN- 101207 REV
FROM CDM
JREF- 1SRV215_Z07

TC LL 20.0 PSF
TC DL 15.0 PSF
BC DL 2.0 PSF
BC LL 0.0 PSF
TOT.LD. 37.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

FL / - / 5 / - / R / -

Nov 04 03

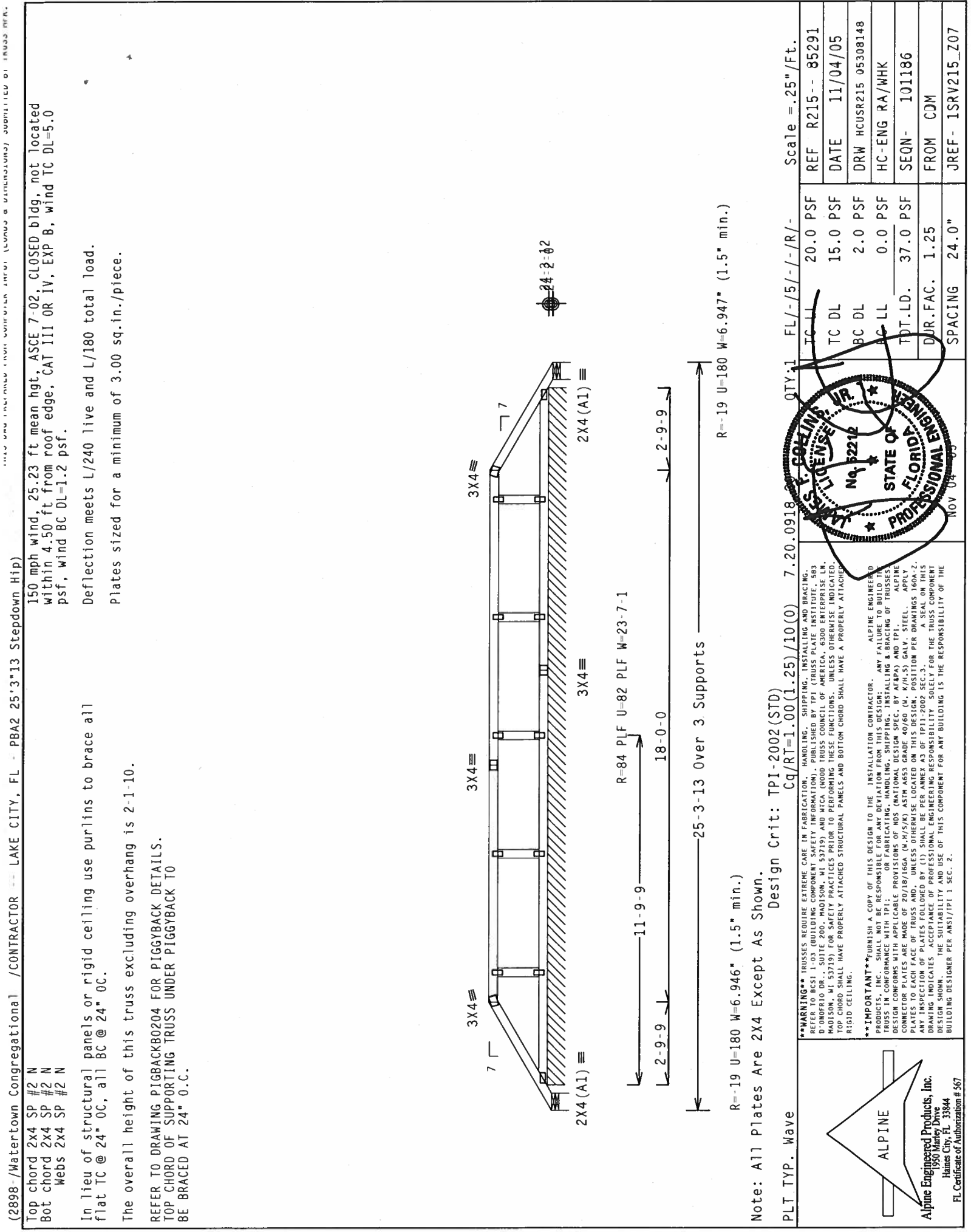
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Haines City, FL 33844
FL Certificate of Authorization # 567

ALPINE ENGINEERED PRODUCTS, INC.
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FL CERTIFICATE OF AUTHORIZATION # 567

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HAINES CITY, FL 33844
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(2898-Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - PBA2 25'3"13 Stepdown Hip)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.
The overall height of this truss excluding overhang is 2-1-10.

REFER TO DRAWING PIGBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

150 mph wind, 25.23 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

Deflection meets L/240 live and L/180 total load.
Plates sized for a minimum of 3.00 sq.in./piece.

Design Crit: TPI-2002(STD)
Cq/RT=1.00(1.25)/10(0) 7.20.0918

PLT TYP. Wave

Note: All Plates Are 2x4 Except As Shown.

Scale = .25"/Ft.

REF R215-- 85291
DATE 11/04/05
DRW HCUSR215 05308148
HC-ENG RA/WHK
SEQN- 101186
FROM CDM
JREF- 1SRV215_Z07

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Nov 04 03
STATE OF FLORIDA
PROFESSIONAL ENGINEER
N9 82212

ALPINE ENGINEERED PRODUCTS, 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE ENGINEERED PRODUCTS, 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1150 mph wind, 25.82 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

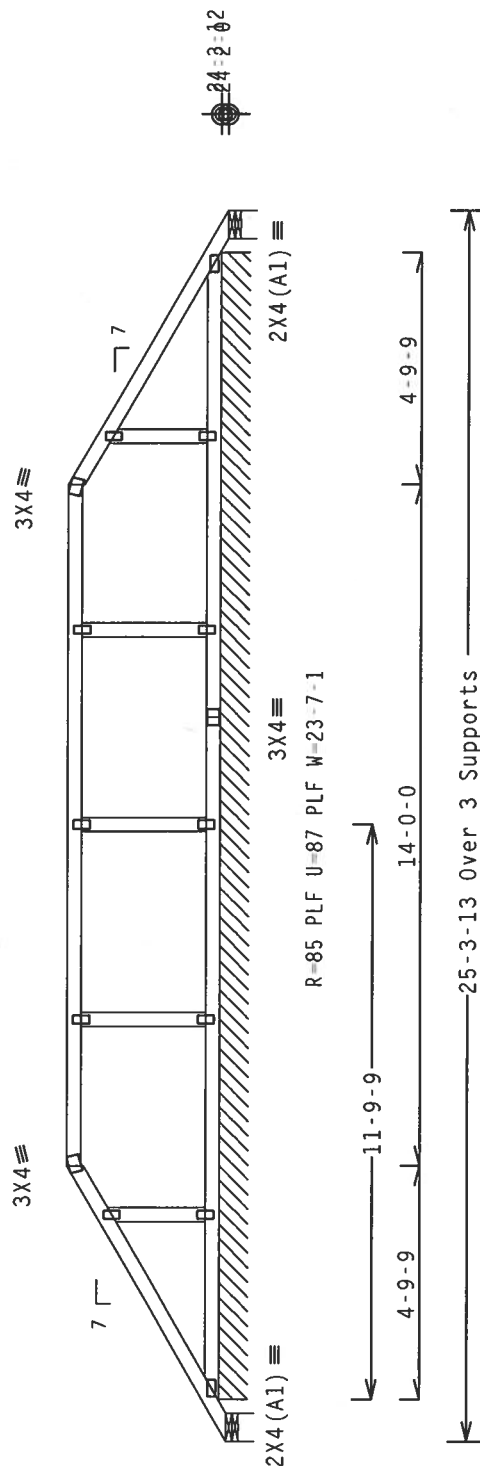
Plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 3-3-10.

PREFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.

TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO

BE BRACED AT 24" O.C.



R=32 U=180 W=6.946" (1.5" min.)

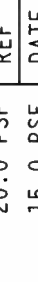
Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)

PLT TYP. Wave

$$Ca/RT=1.00(1.25)/10(0) \quad 7.20.0918.20$$

Scale = .25"/Ft.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

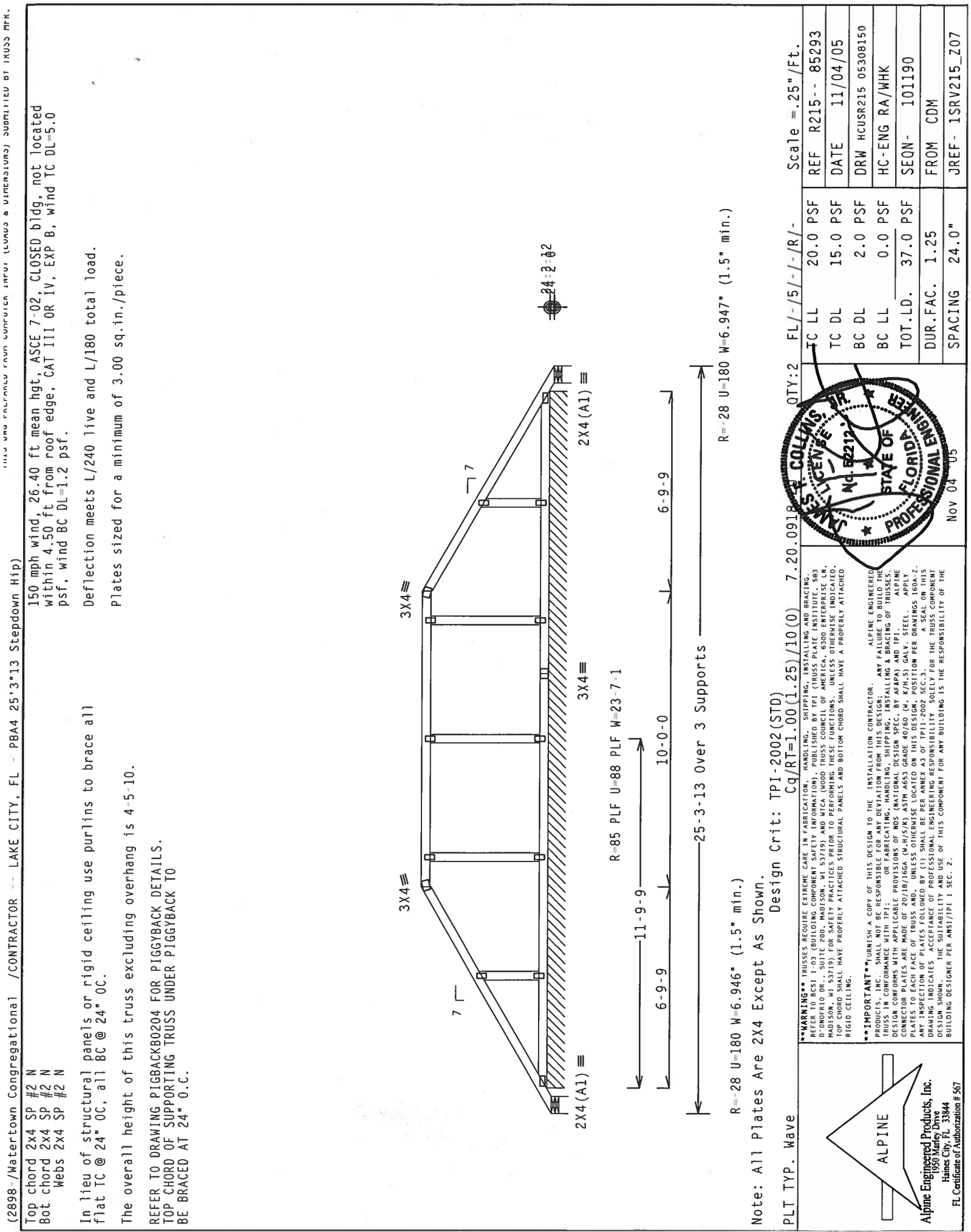
FL Certificate of Authorization # 567

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING SAFETY INFORMATION: PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 CONOVER DR., SUITE 200, MADISON, MI 48061, (313) 531-2000. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES. 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE INSTALLING BRACING SPEC. OR ANY OTHER DESIGN SPEC. OR ANY OTHER DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. IN AFRICA) AND THE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/X) ASTM A563 GRADE 40/60 (W/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANS1 A3 OF TP11-2002 SEC.3. A SEAL OR 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 ANS1/TP1 1 SEC. 2.



TC LL	20.0	PSF	REF	R215 -- 85292
TC DL	15.0	PSF	DATE	11/04/05
BC DL	2.0	PSF	DRW	HCSR215 05308149
BC LL	0.0	PSF	HC-ENG	RA/WHK
TOT.LD.	37.0	PSF	SEQN-	101188
DUR. FAC.	1.25		FROM	CDM
SPACING	24.0"		JREF-	1SRV215_207



(2898-Watertown Congregational /CONTRACTOR -- LAKE CITY, FL -- PBA4 25'3"13 Stepdown Hip)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.
The overall height of this truss excluding overhang is 4-5-10.

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

150 mph wind, 26.40 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

Deflection meets L/240 live and L/180 total load.
Plates sized for a minimum of 3.00 sq.in./piece.

R=85 PLF U=88 PLF W=23-7-1
R=28 U=180 W=6.946" (1.5" min.)

25-3-13 Over 3 Supports

Design Crit: TPI-2002(STD)
Cq/RT=1.00(1.25)/10(0) 7.20.0918

PLT TYP. Wave

Note: All Plates Are 2X4 Except As Shown.

Scale = .25"/Ft.

REF R215-- 85293
DATE 11/04/05
DRW HCUSR215 05308150
HC-ENG RA/WHK
SEQN- 101190
FROM CDM
JREF- 1SRV215_Z07

ALPINE
Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Nov 04 '05
Professional Engineer
State of Florida
No. 82212
J. COLLINS, P.E.
Nov 04 '05

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

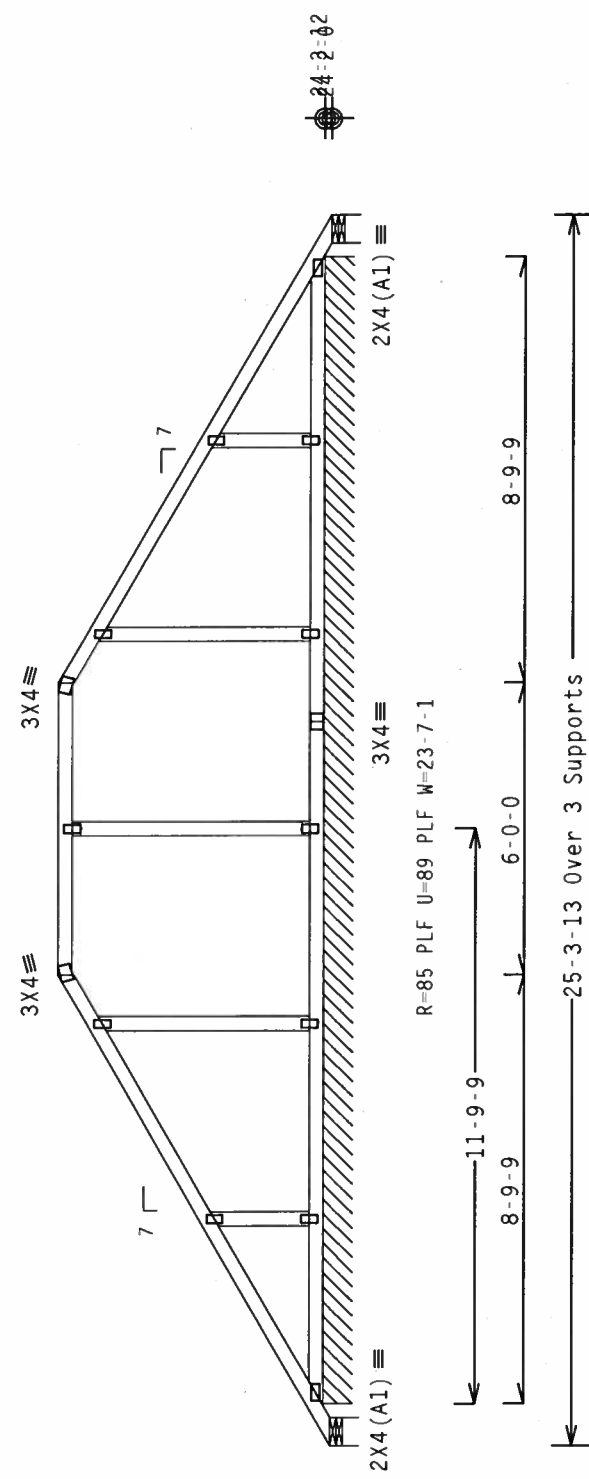
The overall height of this truss excluding overhang is 5-7-10.

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

150 mph wind, 26.98 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.



R = 24 U=180 W=6.946" (1.5" min.)

R = -23 U=180 W=6.947" (1.5" min.)

Note: All Plates Are 2X4 Except As Shown.

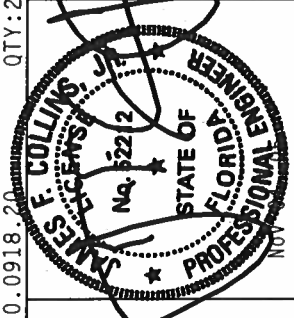
Design Crit: TPI-2002 (STD)

Cq/RT=1.00(1.25)/10(0) 7-20.0918.20

Scale = .25"/Ft.

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		QTY:2	FL/-/5/-/R/-/TC LL	20.0 PSF	REF R215-- 85294
			TC DL	15.0 PSF	DATE 11/04/05
			BC DL	2.0 PSF	DRW HCUSR215 05308151
			BC LL	0.0 PSF	HC-ENG RA/WHK
			TOT.LD.	37.0 PSF	SEQN- 101177
			DUR.FAC.	1.25	FROM CDM
			SPACING	24.0"	JREF- 1SRV215_Z07



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	Top	chord	2x4	SP	#2	N
	Bot	chord	2x4	SP	#2	N
		webs	2x4	SP	#2	N

150 mph wind, 27.57 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

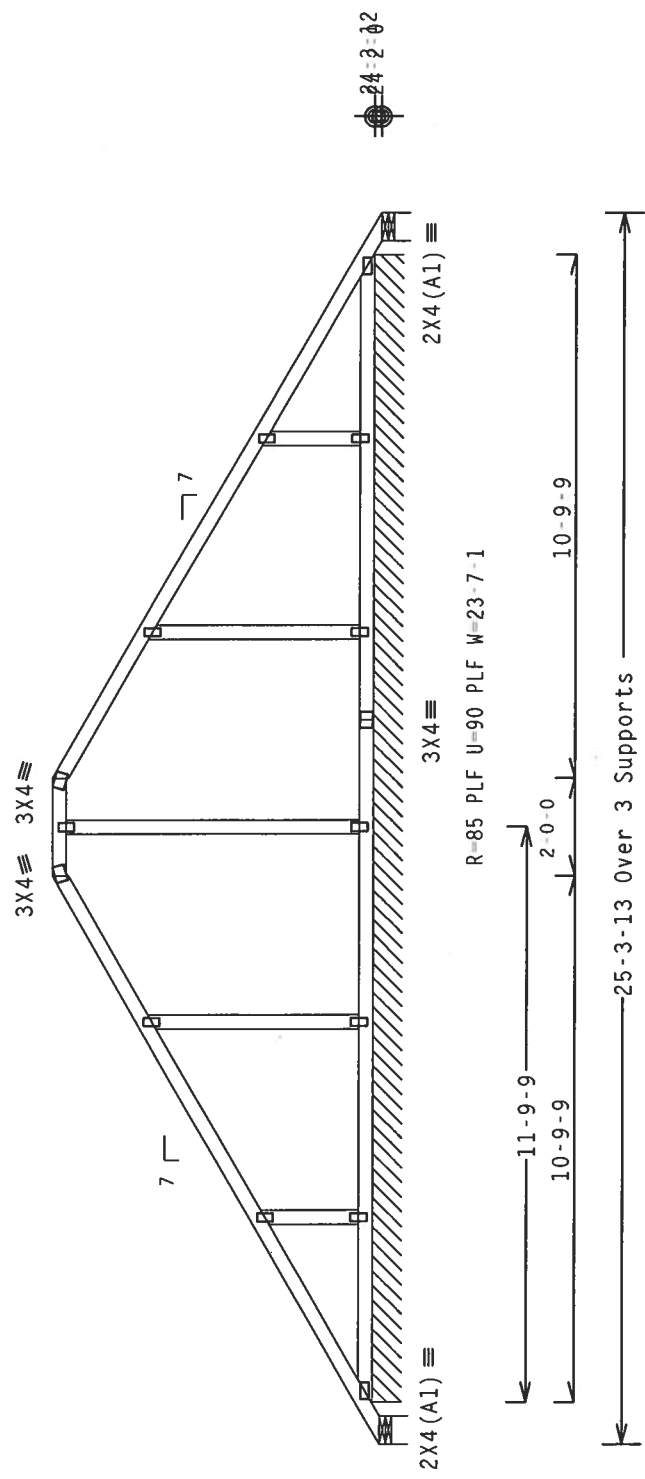
Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 6-9-10.

PREFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.

TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO
BE BRACED AT 24" O.C.



R-23 U=204 W=6.946" (1.5" min.)

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)

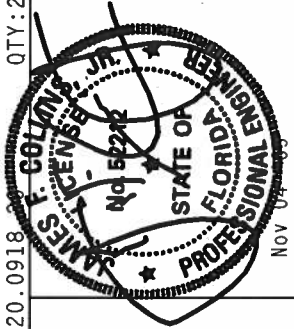
PLT TYP. Wave

0918

QTY:2 FL/-/5/-/-/R/-/

Scale = .25"/Ft.

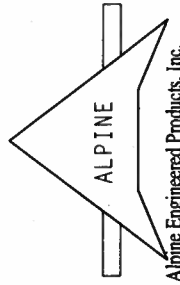
TC LL	20.0 PSF	REF	R215-- 85295
TC DL	15.0 PSF	DATE	11/04/05
BC DL	2.0 PSF	DRW	HCUSR215 05308152
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT.LD.	37.0 PSF	SEQN-	101181
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SRV215_Z07



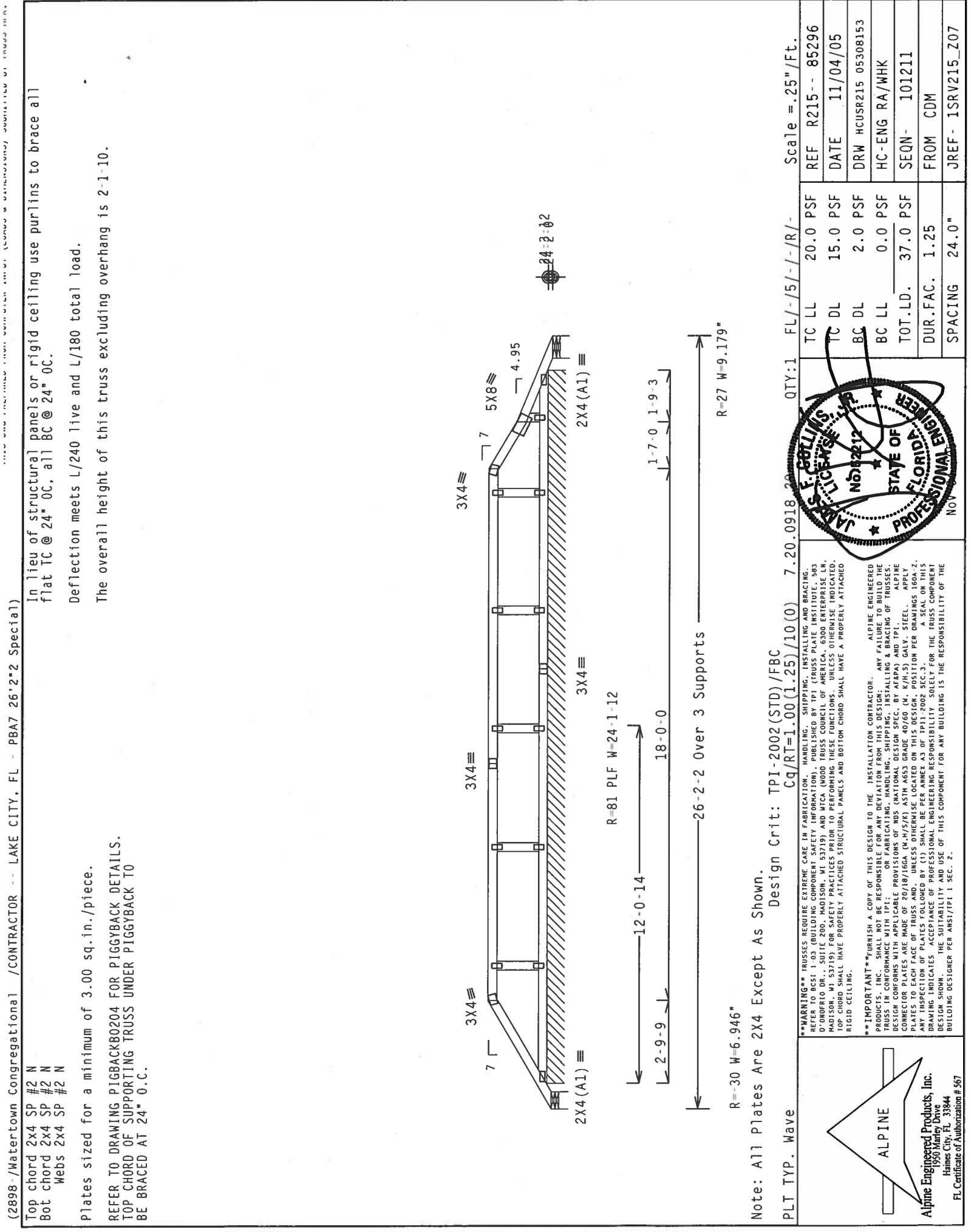
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 - 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'DONOFIO RD., SUITE 200, MADISON, WI 53719) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ALPINE ENGINEERS 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 TROUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/TIGER (W./T/SIZE) ASTM A653 GRADE 40/60 (W./T/S) GALV. STEEL. ALPINE PLATES TO FACE EACH SIDE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND NOT FOR THE SUBSTITUTION OF ANY PART OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEA/TPI-1 SEC.2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



(2898 - Watertown Congregational / CONTRACTOR -- LAKE CITY, FL - PBA7 26'2"2 Special)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Plates sized for a minimum of 3.00 sq.in./piece.
REFER TO DRAWING PIGBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 2'-1-10.

PLT TYP. Wave

Note: All Plates Are 2X4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918 20

Scale = .25"/Ft.

REF R215 - 85296
DATE 11/04/05
DRW HCUSR215 05308153
HC-ENG RA/WHK
SEQN- 101211
FROM CDM
JREF- 1SRV215_207

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

ALPINE
ENGINEER
STATE OF FLORIDA
PROFESSIONAL
JAMES F. COLLINS
LICENSE NO. 82212
NOV 2008

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JAMES F. COLLINS
LICENSE NO. 82212
NOV 2008

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NOV 2008

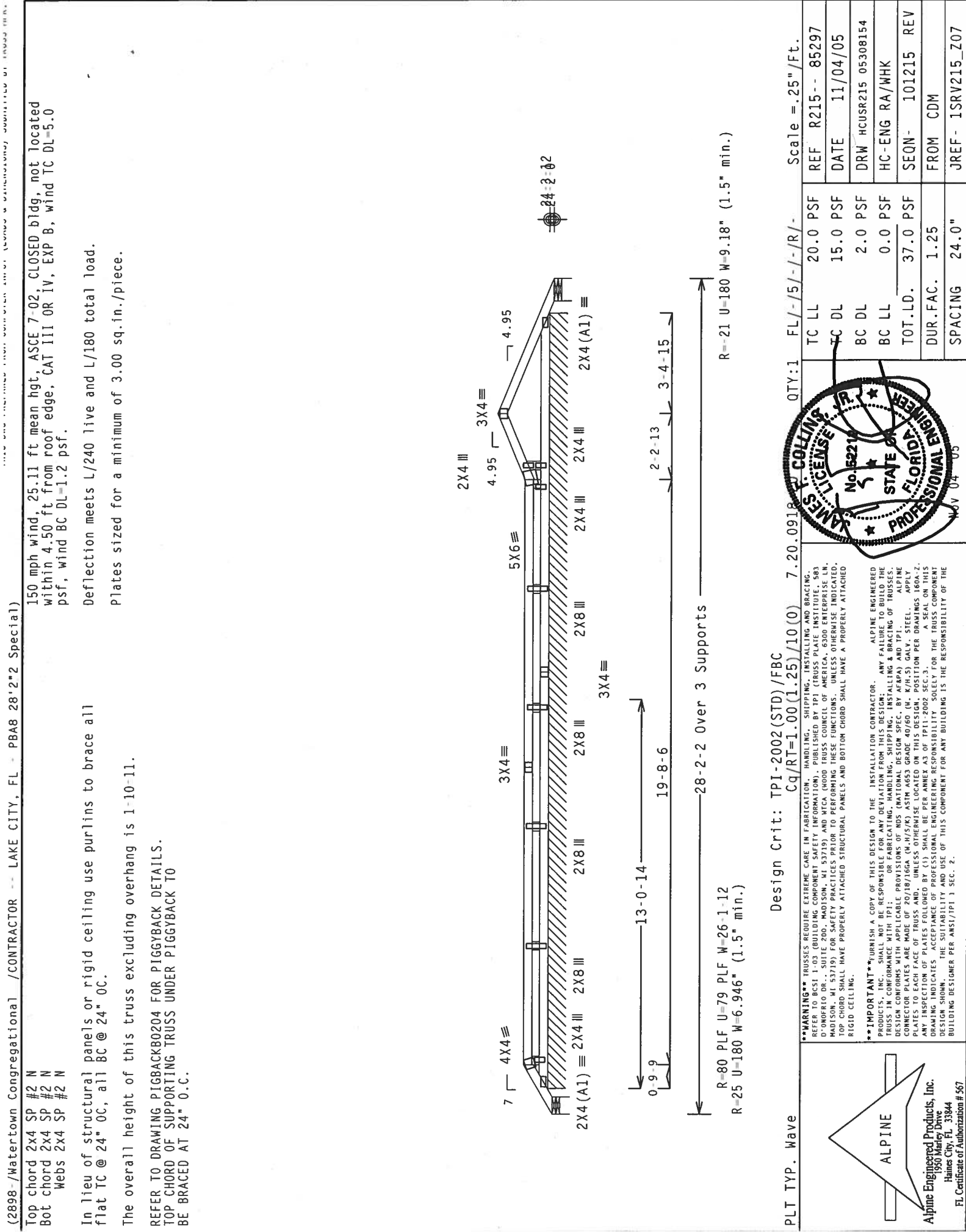
ALPINE
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PROFESSIONAL
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NOV 2008

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LICENSE NO. 82212
NOV 2008



(2898-/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - PBA8 28'2"2 Special)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

The overall height of this truss excluding overhang is 1'-10"-11".

REFER TO DRAWING PIGBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

150 mph wind, 25.11 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

Scale = .25"/Ft.

REF R215-- 85297

DATE 11/04/05

DRW HCUSR215 05308154

HC-ENG RA/WHK

SEQN- 101215 REV

FROM CDM

JREF- 1SRV215_Z07

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.20.0918

FL/-/5/-/-/R/-

TC LL 20.0 PSF

TC DL 15.0 PSF

BC DL 2.0 PSF

BC LL 0.0 PSF

TOT.LD. 37.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

R-80 PLF U-79 PLF W-26-1-12

R-25 U-180 W-6.946" (1.5" min.)

28-2-2 Over 3 Supports

(2898-/Watertown Congregational /CONTRACTOR -- LAKE CITY, FL - PBA9 9'2" Common)

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N

Plates sized for a minimum of 3.00 sq.in./piece.

REFER TO DRAWING PIGBACK0204 FOR PIGGYBACK DETAILS.

TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

In lieu of rigid ceiling use purlins to brace 8C @ 24" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 1-10-11.

4x4

4.95

2x4(A1)

2x4

2x4(A1)

3-4-15

3-4-15

9-2-0 Over 3 Supports

R=3 W=9.179

24-2-62

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.20.0913

QTY:4

FL/-/5/-/-/R/-

Scale =.375"/Ft.

ALPINE
Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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 A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, PERMANENTLY APPLIED PER A SEAL ON THIS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3.3. APPLY TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, PERMANENTLY APPLIED PER 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.

TC LL	20.0 PSF
TC DL	15.0 PSF
BC DL	2.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF R215-- 85298

DATE 11/04/05

DRW HCUSR215 05308155

HC-ENG RA/WHK

SEQN- 101218

FROM CDM

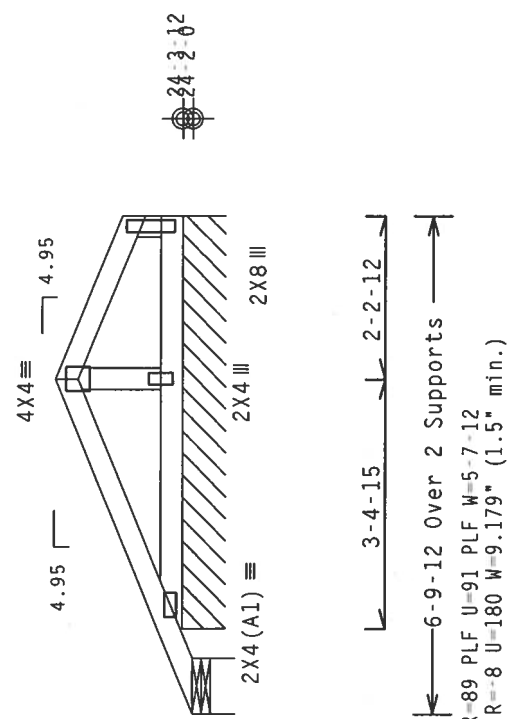
JREF- 1SRV215_Z07

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

150 mph wind, 25.11 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT III OR IV, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.

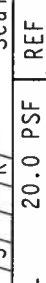
REFER TO DRAWING PIGBACK80204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO
BE BRACED AT 24" O.C.



R=89 PLF U=91 PLF W=5-7-12
R=8 U=180 W=9.179" (1.5" min.)

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

PLT TYP. Wave



ALPINE

Alpine Engineered Products, Inc.
 1650 Marley Drive
 Gaines City, FL 33844

FL Certificate of Authorization # 567

Design Crit: IPT-2002(SIU)/FBC

Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

Scale = .375" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 WEST 14TH AVENUE, SUITE 200, DENVER, CO 80202, TEL 303-733-1100, FAX 303-733-1101, WWW.TPI-TRUSSES.COM). ALL TRUSSES SHALL BE MANUFACTURED BY TPI OR ITS AFFILIATES. NO FIELD WELDING OR FIELD BOLTING SHALL BE PERMITTED. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W, K/H-S) 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 AMEX A3 OF TPI-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.

QTY: 1	FL / - 5 / - / R / -	TC LL	20.0 PSF	Scale = .375" / Ft.
		TC DL	15.0 PSF	REF R215 -- 85299
		BC DL	2.0 PSF	DATE 11/04/05
		BC LL	0.0 PSF	DRW HCURSR215 05308156
		TOT.LD.	37.0 PSF	HC-ENG RA/WHK
		DUR.FAC.	1.25	SEQN- 101225 REV
		SPACING	24.0"	FROM CDM
				JREF- 1SRV215_Z07

Nov 06

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.

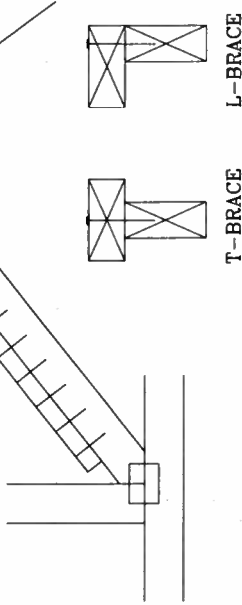
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

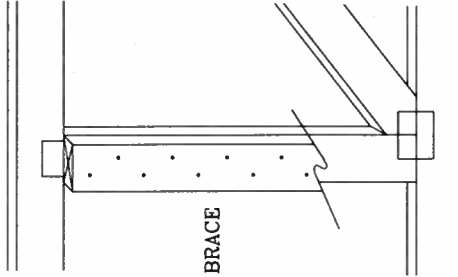
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB
NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB
MEMBER LENGTH



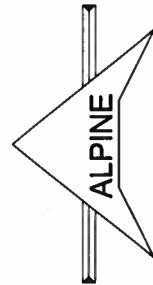
SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN
NAILS AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



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IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BRACE TRUSSES CORRECTLY MAY BE CONSIDERED A VIOLATION OF THE DESIGN SPEC. BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) 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 TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE 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.



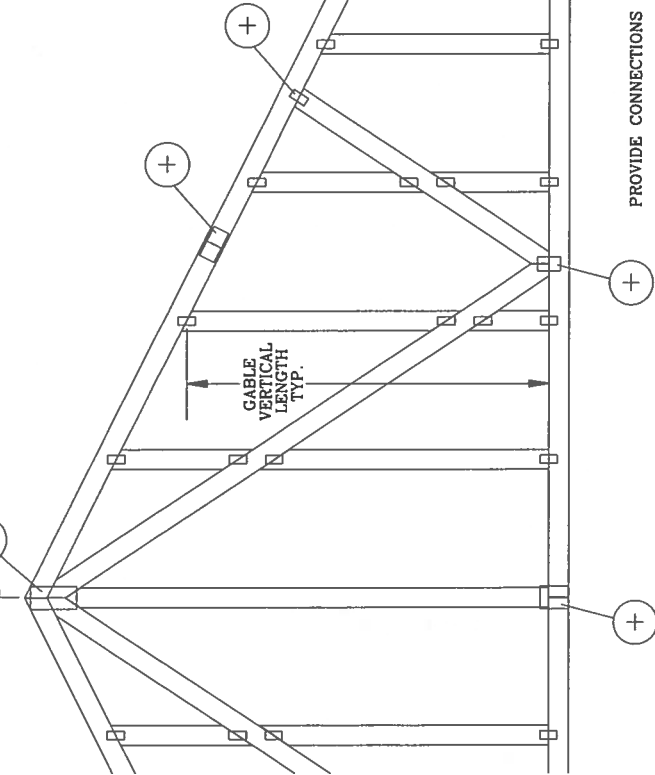
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579,640

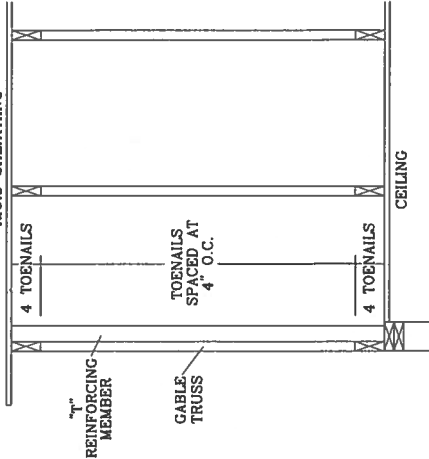
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BC	LL	PSF	-ENG	MLH/KAR	
TOT.	LD.	PSF			
DUR.	FAC.				
SPACING					

GABLE DETAIL FOR LET-IN VERTICALS

SYM. C
ABOUT C



RIGID SHEATHING



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: 2X4 2X8

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS - 0.131" X 3":

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

A10015ENI103, A10015ENI103, A09015ENI103, A08015ENI103, A07015ENI103, A11030ENI103, A10030ENI103, A09030ENI103, A08030ENI103, A07030ENI103

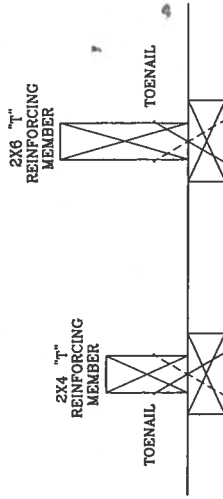
ASCE 7-98 GABLE DETAIL DRAWINGS

A13015ECI103, A12015ECI103, A11015ECI103, A10015ECI103, A08015ECI103, A13030ECI103, A12030ECI103, A11030ECI103, A10030ECI103, A08030ECI103

SBCCI GABLE DETAIL DRAWINGS

S11015ENI103, S10015ENI103, S09015ENI103, S08015ENI103, S07015ENI103, S11030ENI103, S10030ENI103, S09030ENI103, S08030ENI103, S07030ENI103

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



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 %	50 %
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

"L" 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"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035



ALPINE
ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS. INSTALLATION TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/28/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REF LET-IN VERT

DATE 01/16/04

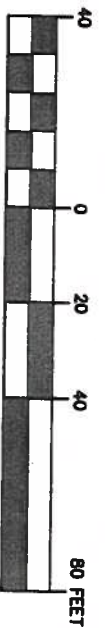
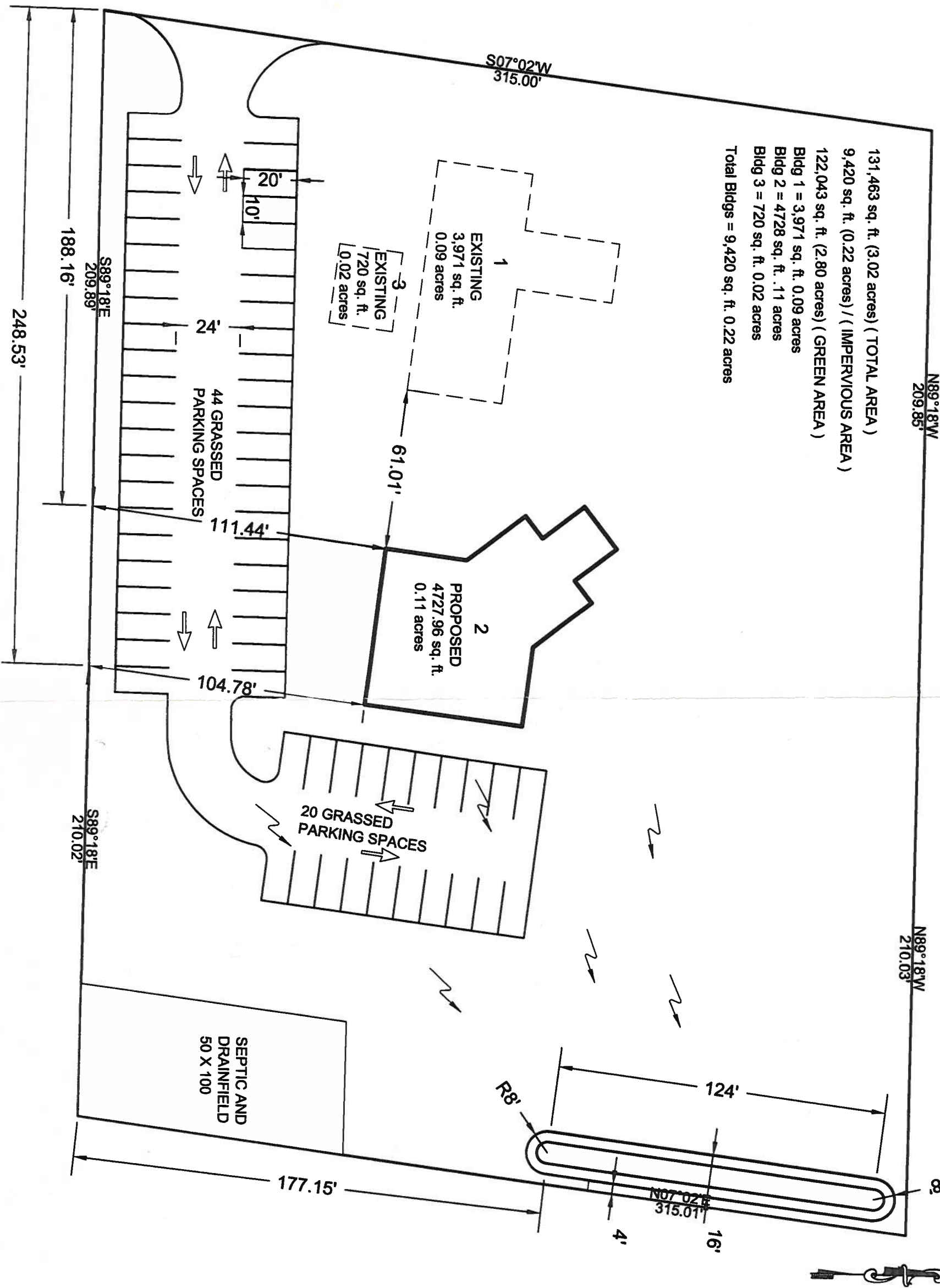
DRWG GBLLETIN1103

-ENG DLJ/KAR

MAX TOT. LD. 60 PSF

SUR. FAC. ANY

MAX SPACING 24.0"



JOB NUMBER:
SIGNATURE & SEAL
10/28/05
SHEET NO. 1

REVISIONS:

WATERTOWN METHODIST CHURCH SITE PLAN



Bailey Bishop & Lane, Inc.

P.O. Box 3717
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250 SEALS

