

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:1TOY215-Z0327062900

Truss Fabricator: W.B. Howland
Job Identification: 3865-/FOTI HANGER /CONTRACTOR -- , **
Truss Count: 28
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.25, 7.26.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: BRCLBSUB-CNBRGBLK-



Seal Date: 09/27/2006

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	93485--	AG-1	06269024	09/26/06
2	93486--	H9A	06269025	09/26/06
3	93487--	H11A	06269026	09/26/06
4	93488--	H12A	06269009	09/26/06
5	93489--	H13A	06269010	09/26/06
6	93490--	H14A	06269011	09/26/06
7	93491--	H15A	06269012	09/26/06
8	93492--	H16A	06269013	09/26/06
9	93493--	H17A	06269014	09/26/06
10	93494--	H18A	06269015	09/26/06
11	93495--	H19A	06269016	09/26/06
12	93496--	H20A	06269017	09/26/06
13	93497--	H21A	06269018	09/26/06
14	93498--	HG7A	06269027	09/26/06
15	93499--	HG10A	06269028	09/26/06
16	93500--	JC1	06269029	09/26/06
17	93501--	JC3	06269030	09/26/06
18	93502--	JC4	06269031	09/26/06
19	93503--	JC5	06269019	09/26/06
20	93504--	JC6	06269032	09/26/06
21	93505--	JC8	06269033	09/26/06
22	93506--	JC3A	06269020	09/26/06
23	93507--	JC5A	06269021	09/26/06
24	93508--	JE7	06269022	09/26/06
25	93509--	JE7A	06269023	09/26/06
26	93510--	JH9	06269034	09/26/06
27	93511--	JH9A	06269035	09/26/06
28	93512--	JH10	06269036	09/26/06



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Page 1 of 1 Document ID:1T0Y215-Z0327062900

Truss Fabricator: W.B. Howland
Job Identification: 3865-/FOTI HANGER /CONTRACTOR -- , **
Truss Count: 5
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.25, 7.26.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 09/27/2006

-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	93485--AG-1		06269024	09/26/06
2	93500--JC1		06269029	09/26/06
3	93501--JC3		06269030	09/26/06
4	93502--JC4		06269031	09/26/06
5	93504--JC6		06269032	09/26/06



110 mph wind; 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

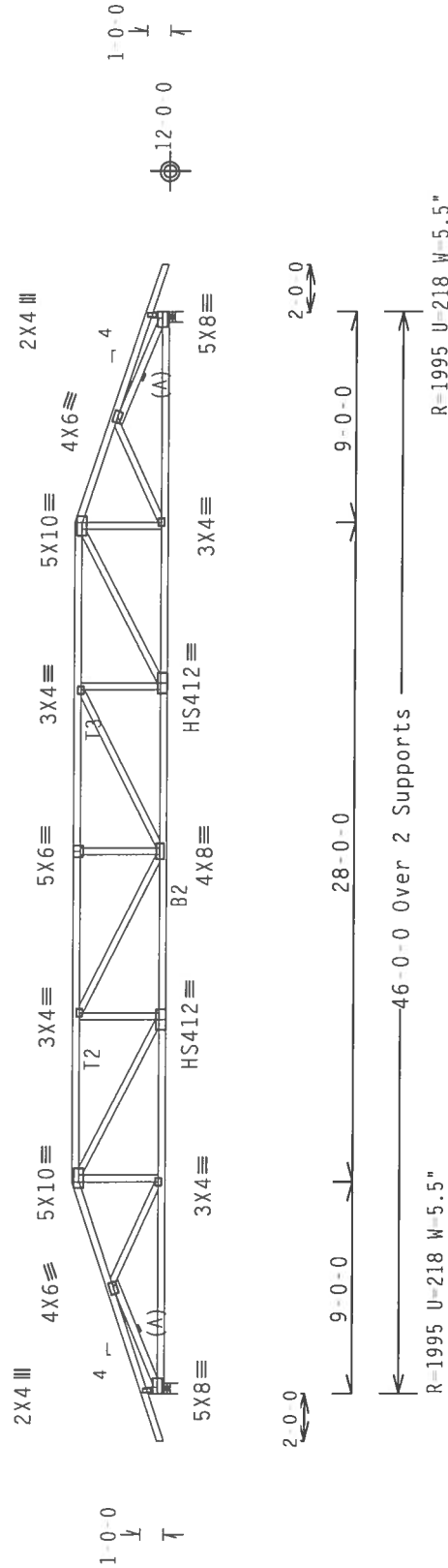
Calculated vertical deflection is 0.57" due to live load and 0.57" due to dead load at X = 23'-0".

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

Calculated horizontal deflection is 0.14" due to live load and 0.14" due to dead load.

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.



Design Crit: TPI-2002(STD)/FBC

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

503

0TY.1 FI / - / 5 / - / - / R / -

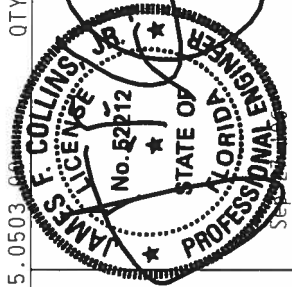
Scale = 125"/ft

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 583 MADISON AVE., SUITE 100, ST. LOUIS, MO 63102) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 1801 LEXINGTON AVE., NEW YORK, NY 10017) FOR SAFETY PRACTICES. THE FOLLOWING INFORMATION IS FOR THE USER'S INFORMATION. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SHELLING.

****INSTALLER**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALDINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TP-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND ALPINE
TRUSS COMPANY'S TRUSS MANUFACTURING PRACTICES. ALL TRUSSES ARE TO BE INSTALLED IN ACCORDANCE
WITH THE FOLLOWING REQUIREMENTS:
1. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z
APPLY TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z
1. PLACEMENT OF PLATES FOLLOWED BY (1) SHALL BE PER APPENDIX A3 OF TP-1 2002 SEC. 3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
OF THIS DESIGN. THE USE OF THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER APPENDIX 1, SEC.



Haines City, FL 33844
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TC LL	20.0 PSF	REF	R215-- 93486
TC DL	10.0 PSF	DATE	09/26/06
BC DL	10.0 PSF	DRW	HCUSR215 06269025
BC LL	0.0 PSF	HC-ENG	JK/AP
TOT.LD.	40.0 PSF	SEQN-	48709
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T0V215 Z03

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

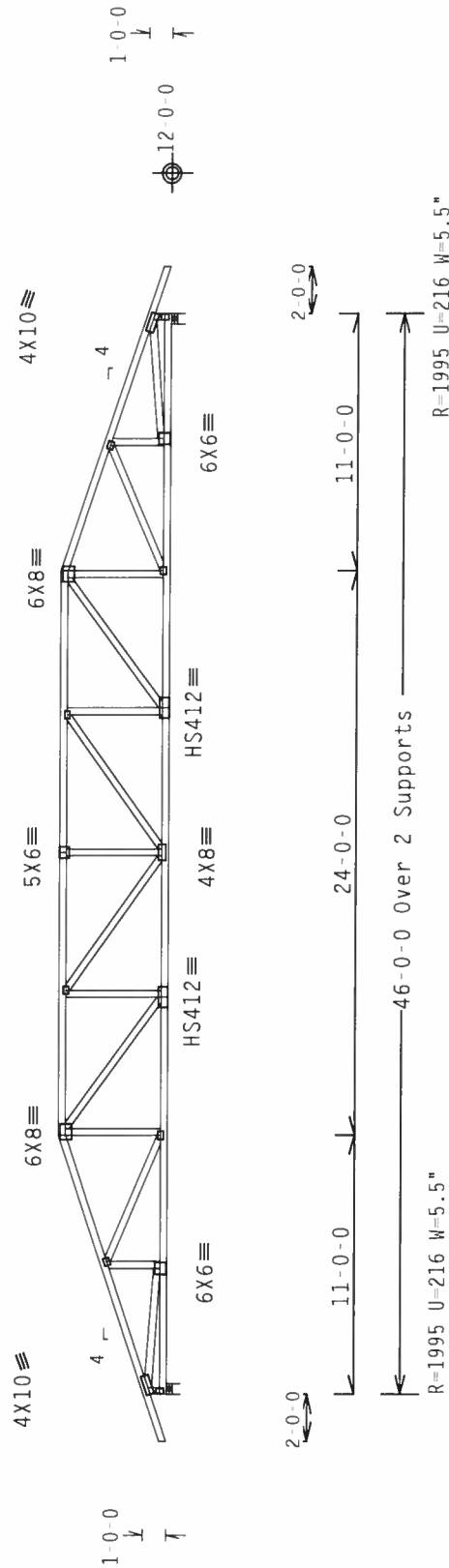
Deflection meets L/240 live and L/180 total load.

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.

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

Calculated vertical deflection is 0.52" due to live load and 0.52" due to dead load at $X = 23-0-0$.

The overall height of this truss excluding overhang is 4-8-0.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

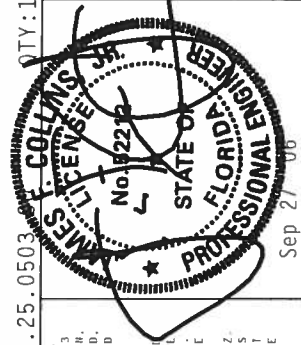
PLT TYP. 20 Gauge HS, Wave

 $Cq/RT=1.00(1.25)/10(0) \quad 7.25.0503$

QTY:1 E11-151-1-1R/-

Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R215--	93487
TC DL	10.0	PSF	DATE	09/26/06	
BC DL	10.0	PSF	DRW	HCUSR215	06269026
BC LL	0.0	PSF	HC-ENG	JK/WHK	
TOT.LD.	40.0	PSF	SEQN-	48707	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1T0V215	703



Sep 27 '96



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

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Top chord 2x4 SP #2 N :T2, T3 2x4 SP SS:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

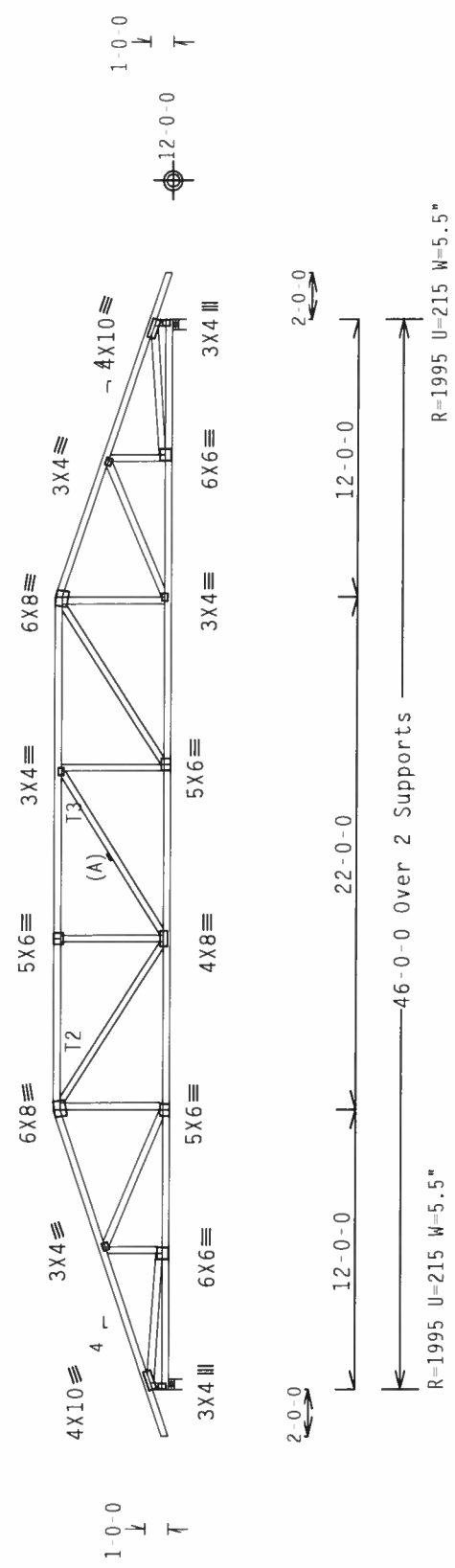
The overall height of this truss excluding overhang is 5'-0".

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(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.



PLT TYP. Wave

ALPINE

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1950 Marley Drive
Haines City, FL 33844
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Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25-.0503

Scale = .125"/Ft.

REF	R215--	93488
DATE	09/26/06	
DRW	HCUSR215	06269009
HC-ENG	JK/AP	*
SEON-	48696	
FROM	LRB	
JREF-	1T0Y215_Z03	

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

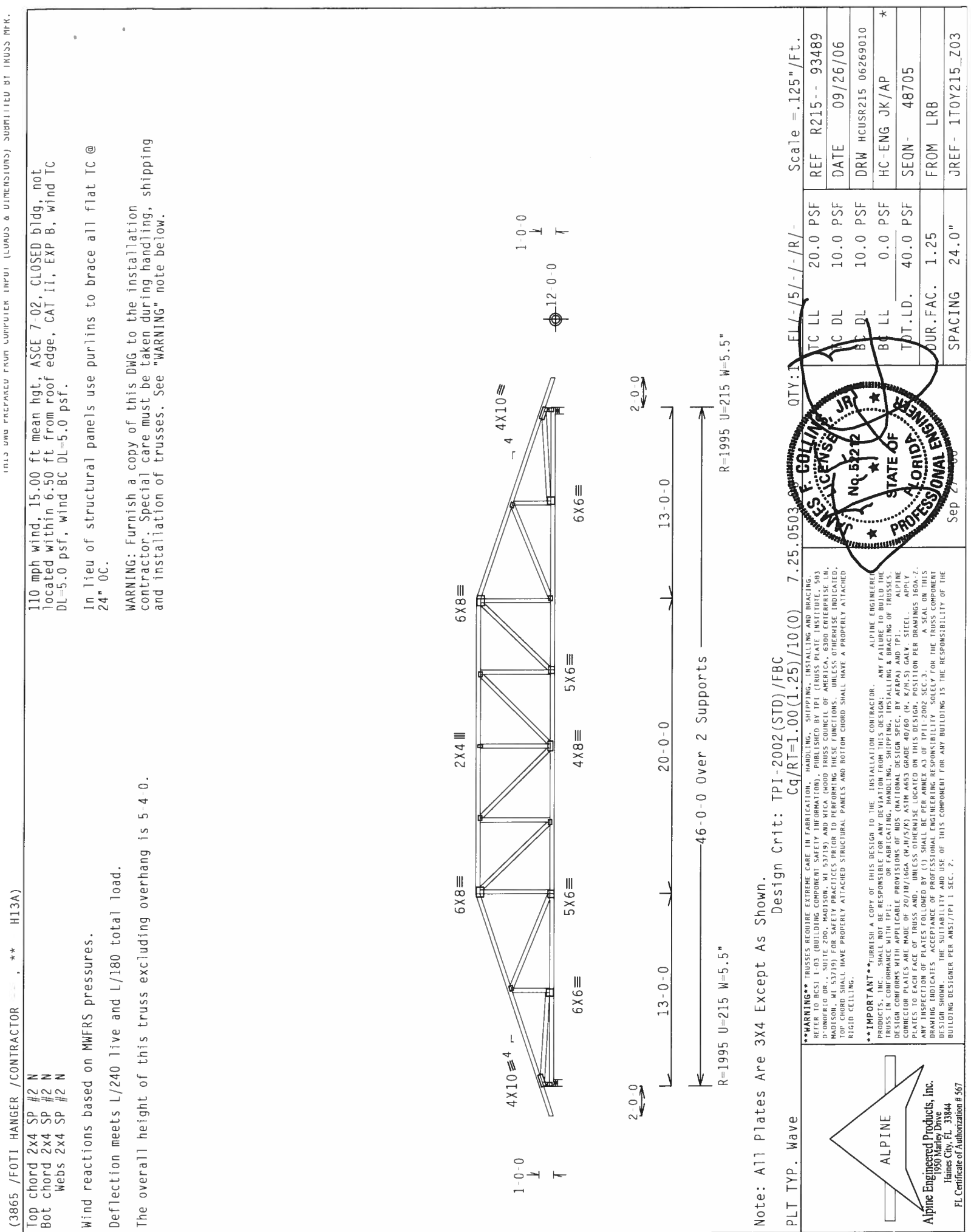
Deflection meets L/240 live and L/180 total load.

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.

PLT TYP. Wave

ALPINE

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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



(3865 /FOTI HANGER /CONTRACTOR --, ** H13A)

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

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, 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. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Scale = .125"/Ft.

QTY: 1

REF R215-- 93489

DATE 09/26/06

DRW HCUSR215 06269010

HC-ENG JK/AP

SEQN 48705

FROM LRB

JREF- 1T0Y215_Z03

ALPINE

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

James F. Collins, JRP
Professional Engineer
State of Florida
No. 57272
Sep 27, 2006

	Top	chord	2x4	SP	SS	:T2	2x4	SP	#2	N:
Bot	chord	2x4	SP	#2	N					
	webs	2x4	SP	#2	N					

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

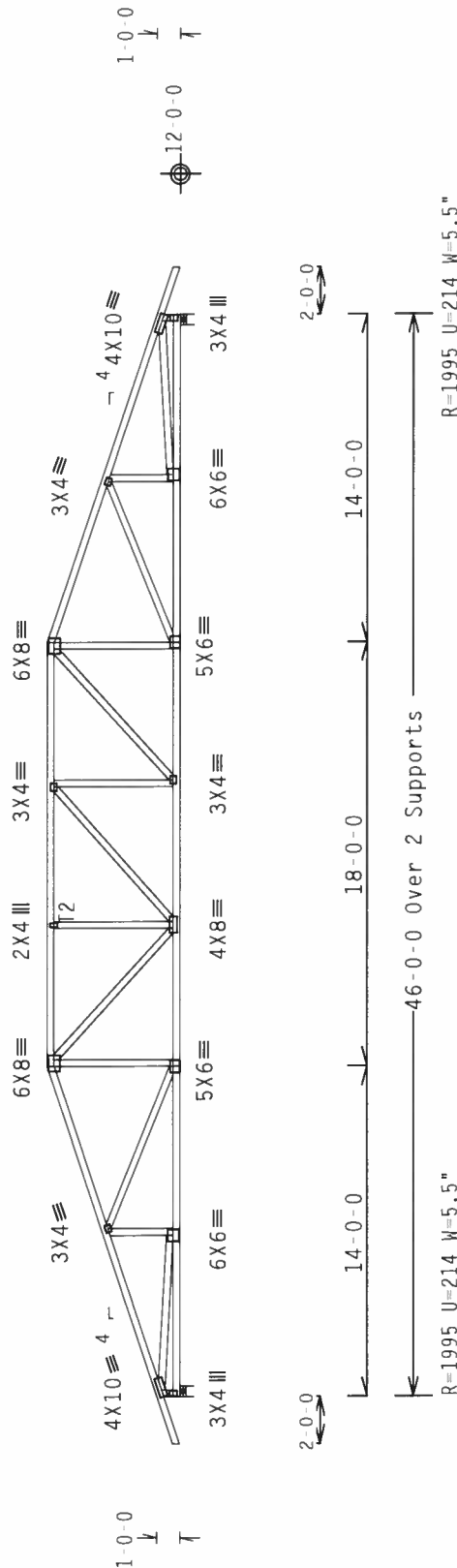
Wind reactions based on MWFRS pressures.

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

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

The overall height of this truss excluding overhang is 5-8-0.

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)/FBC

[illegible]

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSJ 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFIO 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 DESIGN CONFORMS WITH APPLICABLE MATERIAL SPEC. (NATIONAL DESIGN SPEC., BY A/RMS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010/T18GGA (H/N/25) ASTM A563 GRADE 40/60 (H, K/M/S) GALV. STEEL APPLIED TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10A-10D. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DURING CONSTRUCTION OF PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE DRAWING. SHOW THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASCE/TPI 1 SEC. 2.

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

TC LL	20.0	PSF	REF R215- - 93490
TC DL	10.0	PSF	DATE 09/26/06
BC DL	10.0	PSF	DRW HCUR215 06269011
BC LL	0.0	PSF	HC-ENG JK/AP *
TOT.LD.	40.0	PSF	SEQN- 48694
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF- 1TOY215 Z03

Sep 27/2000

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

1110 mph wind, 15.17 ft mean ht, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MwFRS pressures.

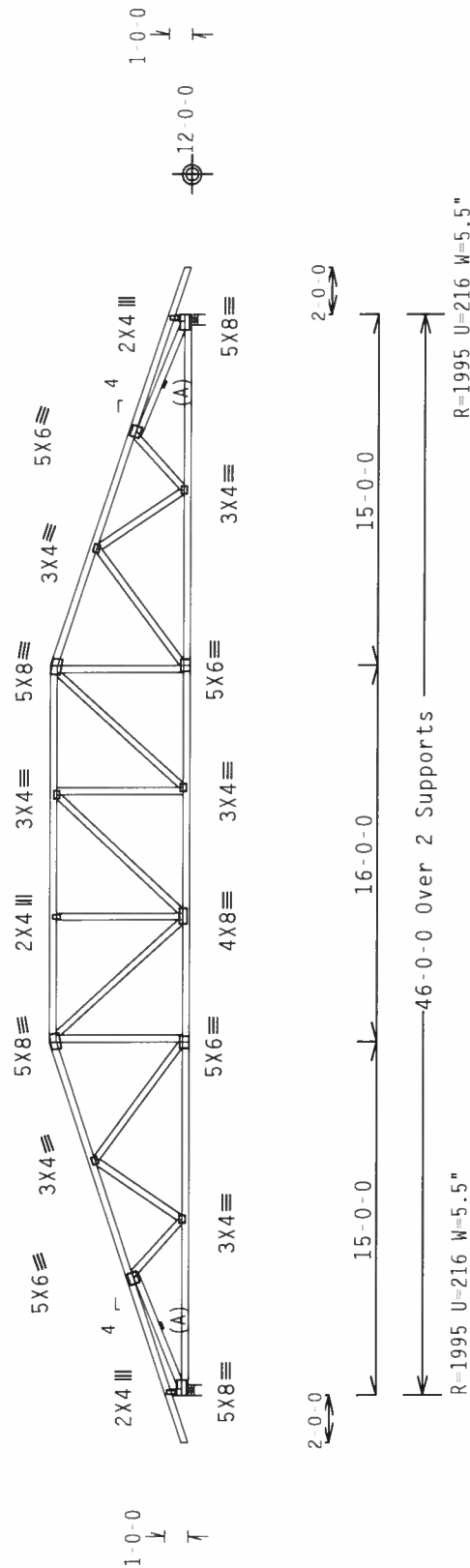
Calculated horizontal deflection is 0.13" due to live load and 0.13" due to dead load.

(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.

The overall height of this truss excluding overhang is 6-0-0.



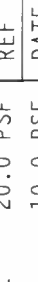
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

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

Scale = .125"/Ft.



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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 TRUSSES IN ACCORDANCE WITH THE SPECIFICATIONS, HANDLING, SHIPPING, DESIGN, FABRICATION, ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL BUILDING CODES (IBC) AND THE ALPINE CONNECTOR PLATES ARE MADE OF 2010/1060 (IN 415/20) ASTM A453 STEEL (IN 415/20) AND TPI STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1600-1. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMET A3 OF TPI-1-2002 SEC 3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY 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 AMET/TP1 1 SEC. 2.

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.L.D. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R215 -- 93491

DATE 09/26/06

DRW HCUSR215 06269012

HC-ENG JK/AP *

SECON - 48703

FROM LRB

JREF - 1TOY215_Z03

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

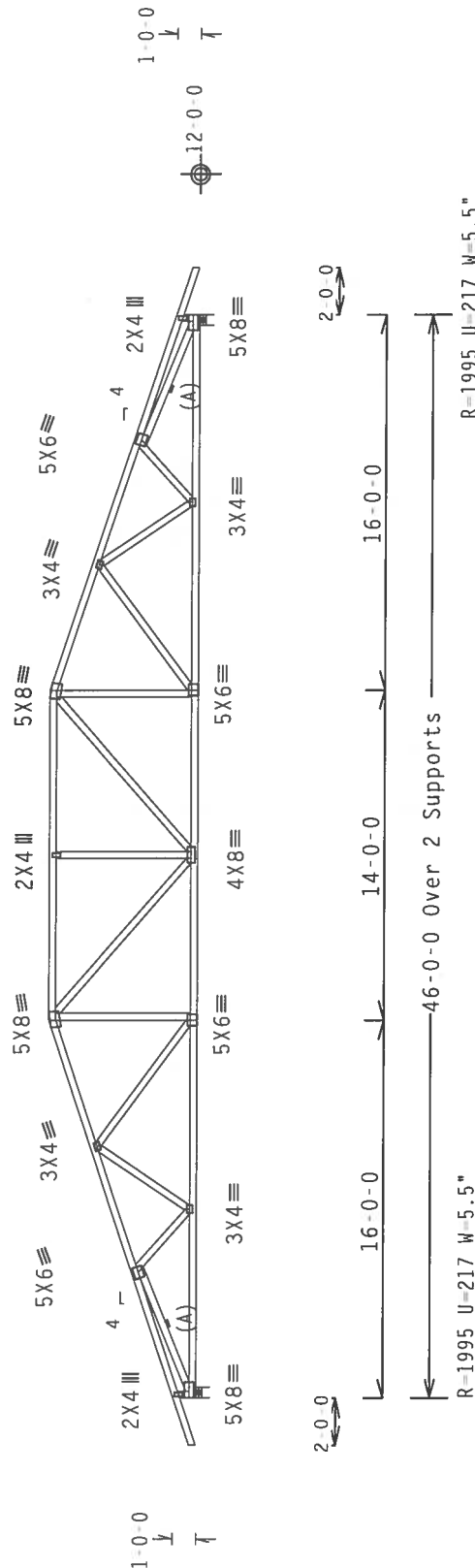
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.33 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, 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 0.13" due to dead load.

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

The overall height of this truss excluding overhang is 6'-4"-0."



Design Crit: TPI-2002(STD)/FBC

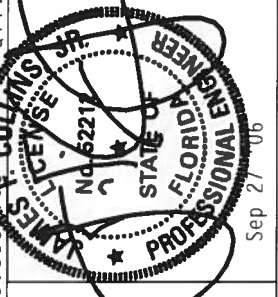
Cq/RT=1.00(1.25)/10(0)

7.25.0503

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

Scale = .125"/Ft.

REF	R215--	93492
DATE	09/26/06	
DRW	HCUSR215	06269013
HC-ENG	JK/AP	*
SEQN	48692	
FROM	LRB	
JREF	1T0Y215_Z03	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSD 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE 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 ENGINEERING 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 AFPA) AND TPI. APPLY CONNECTION PLATES ARE MADE OF 2018/186A (N.H/57A) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY ANY INSPECTION OF THE TRUSS AND BY THE TRUSS DESIGNER. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS 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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PLT TYP. Wave

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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

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

24" OC.
 If used structural panels use paralls to brace all flat joists.

The overall height of this truss excluding overhang is 6-8-0.



Scale = .125"/Ft.



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1950 Marley Drive
Haines City, FL 33844
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Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

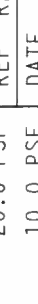
24" OC.

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



Design Crit: TPI-2002(STD)/FBC

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



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

FL Certificate of Authorization # 567

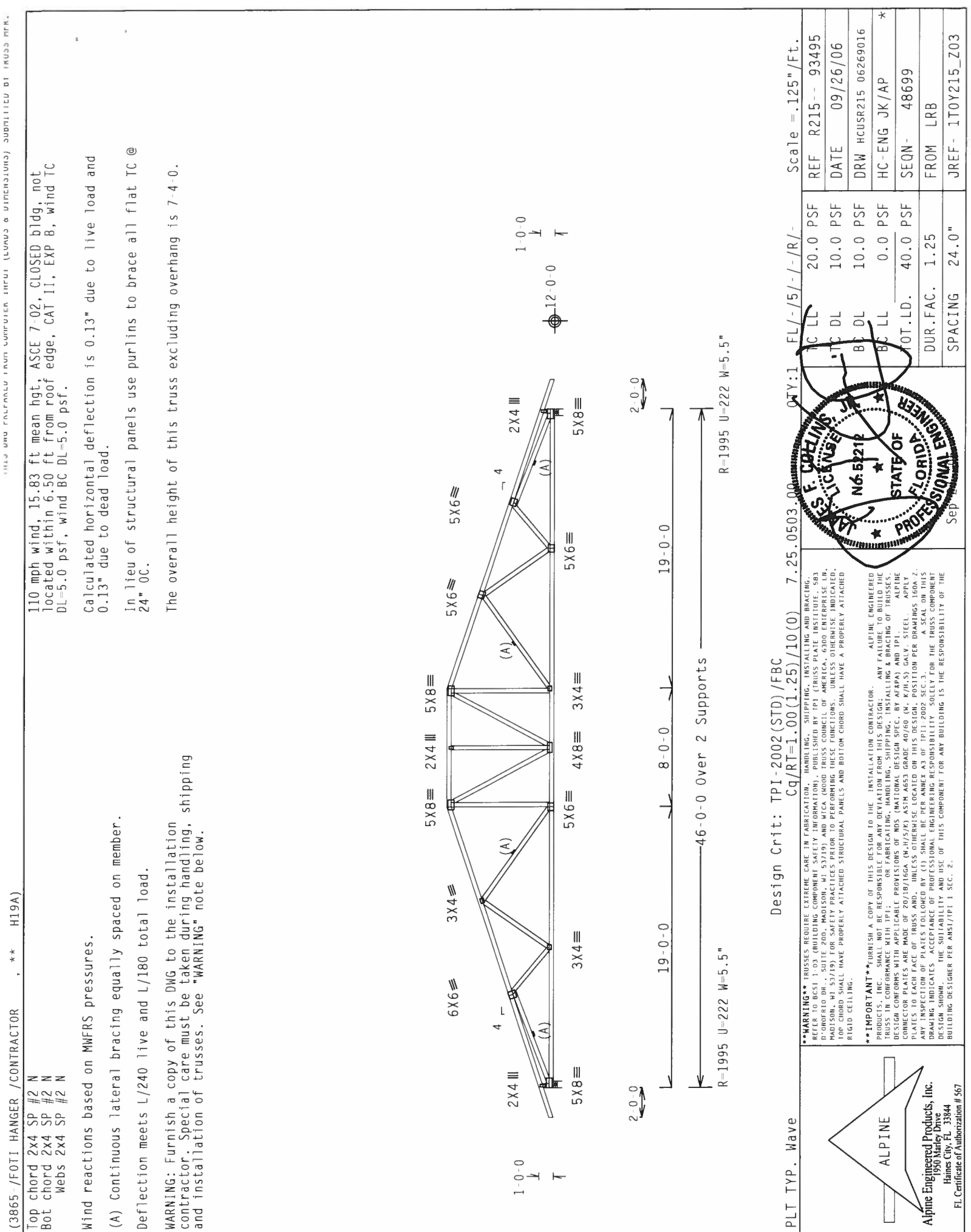
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHUE DR., SUITE 200, MADISON, MI 53719), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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 CONNECTION PLATES ARE MADE OF 2018/T16GA (W-J/S/K) ASTM A653 GRADE 40/60 (W, K/W/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 ANNEX A3 OF TPI1-2002 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.

ALPINE

SEP 27 2024

TC LL	20.0	PSF	REF	R215--	93494
TC DL	10.0	PSF	DATE	09/26/06	
BC DL	10.0	PSF	DRW	HCUSR215	06269015
BC LL	0.0	PSF	HC-ENG	JK/AP	*
TOT.LD.	40.0	PSF	SEQN-	48690	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1T0Y215_Z03	



(3865 - /FOTI HANGER /CONTRACTOR , ** H19A)

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

Wind reactions based on MWFRS pressures.

(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.

110 mph wind, 15.83 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, 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 0.13" due to dead load.

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

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

Scale = .125" / Ft.

REF R215 - 93495

DATE 09/26/06

DRW HCUSR215 06269016

HC-ENG JK/AP

SEON - 48699

FROM LRB

JREF - 1T0Y215_Z03

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503.00

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

20.0 PSF

10.0 PSF

10.0 PSF

0.0 PSF

40.0 PSF

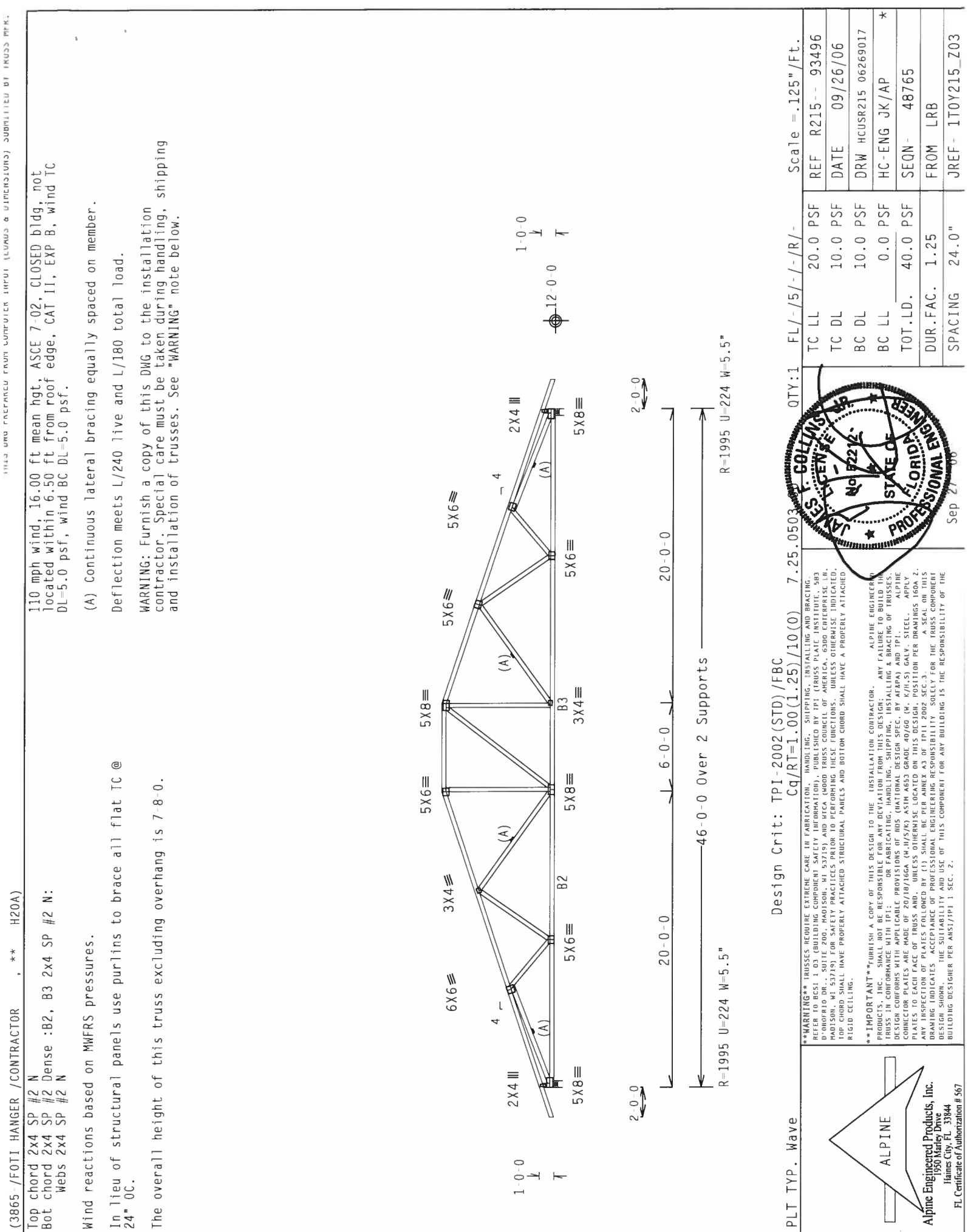
1.25

24.0"

ALPINE

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

Professional Engineer
State of Florida
No. 65212
Exp. 12/31/2008



(3865 /FOTI HANGER /CONTRACTOR , ** H20A)
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 Dense :B2, B3 2x4 SP #2 N:
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
The overall height of this truss excluding overhang is 7-8-0.

110 mph wind, 16.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
(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.

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503
Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215 - 93496
TC DL	10.0 PSF	DATE	09/26/06
BC DL	10.0 PSF	DRW	HCUSR215 06269017
BC LL	0.0 PSF	HC-ENG	JK/AP
TOT.LD.	40.0 PSF	SEON	48765
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF	1T0Y215_Z03

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503
Scale = .125"/Ft.

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503
Scale = .125"/Ft.

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503
Scale = .125"/Ft.

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503
Scale = .125"/Ft.

Top chord 2x6 SP #2 N :I1, T5 2x4 SP #2 N:
Bot chord 2x6 SP #2 N :B2, B3 2x6 SP SS:

Webs 2x4 SP #2 N

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, 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.

Calculated vertical deflection is 0.72" due to live load and 0.74" due to dead load at X = 19'-9"-10".

The overall height of this truss excluding overhang is 3-4-0.

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" 0.c.

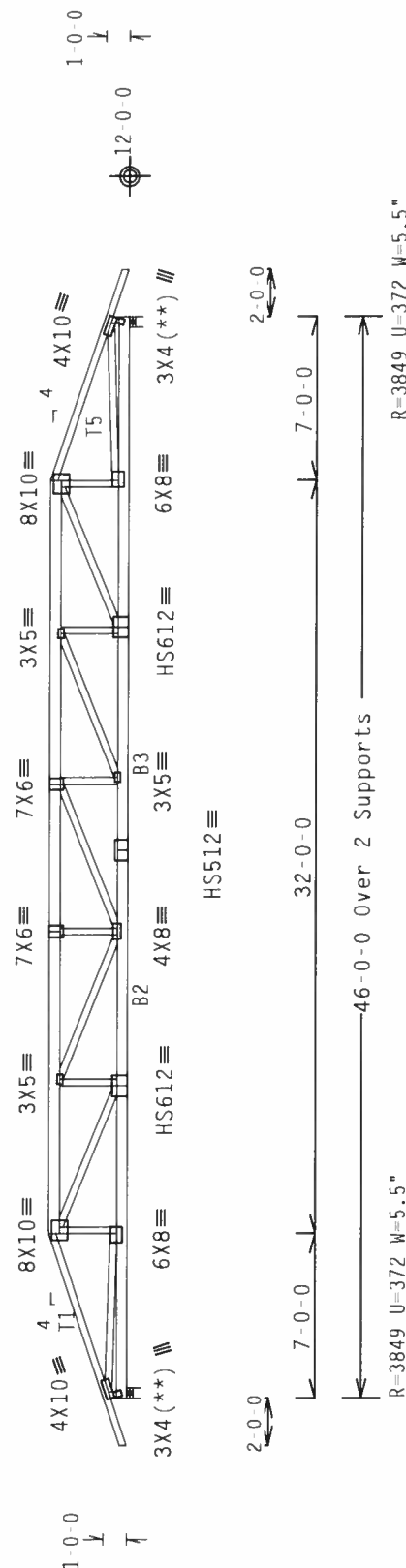
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Wind reactions based on MwFRS pressures.

#1 hip supports 7-0-0 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.



$R=3849 \quad ||=372 \quad W=55^{\circ}$

Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS.Wave

7.25.0503

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

$$\text{Scale} = 125''/\text{Ft}$$

WARNING: BUSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1, BUILDING COMPLIANT SAFETY INFORMATION, BUSES BY PLASTIC PANELS, 363 00001010, 00, SUFFLE 200, MADISON, MI 52719, AND VEGWOOD, BUSES BY PLASTIC PANELS, 363 00001010, 00, SUFFLE 200, MADISON, MI 52719, AND VEGWOOD, BUSES BY PLASTIC PANELS, 363 00001010, 00, SUFFLE 200, MADISON, MI 52719, 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 CELLING.

****IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.**

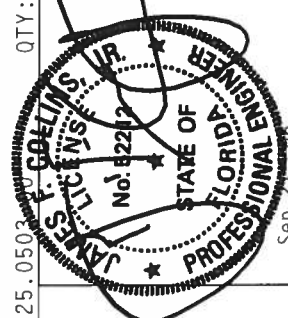
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. (BY AFAPE) AND ALPLY CONNECTOR PLATES ARE MADE OF 2010/16GA. (W/1/2" MIN. A563 GRADE 40/60 (F. & M-S) GALV. STEEL. PLATING TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS SPECIFICATION, POSITION PER DRAWINGS 160A.2. OPERATING IN EACH CASE, ACCEPTANCE OF PROPOSED ENGINEER RESPONSIBILITY FOR THE DESIGN OF A LOCAL JOINT OR THE BUILDING SHOWN THE SUBMITTAL 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
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FL Certificate of Authorization # 567



Sen

2A 0"

JDFEE- 1T0V21E 703

Top chord 2x4 SP #2 N : T2, T3 2x6 SP #2 N :
 Bot chord 2x6 SP #2 N : B2, B4 2x6 SP #2 Dense :
 : B3 2x6 SP SS :
 Webs 2x4 SP #2 N

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

110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, 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.

Calculated vertical deflection is 0.62" due to live load and 0.64" due to dead load at X = 23-0-0.

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

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.

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.12" due to live load and 0.13" due to dead load.

#1 hip supports 10-0-0 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.

