## ITW Building Components Group, 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:1TAK487-Z0311145557

Truss Fabricator: Anderson Truss Company
Jeb Identification: 7-244R-Gary Sandlin

Truss Count: 6

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Version 7.24.

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 - 32.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

## Notes:

 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: HCUSR487

Details: A11015EE-GBLLETIN-140PB-

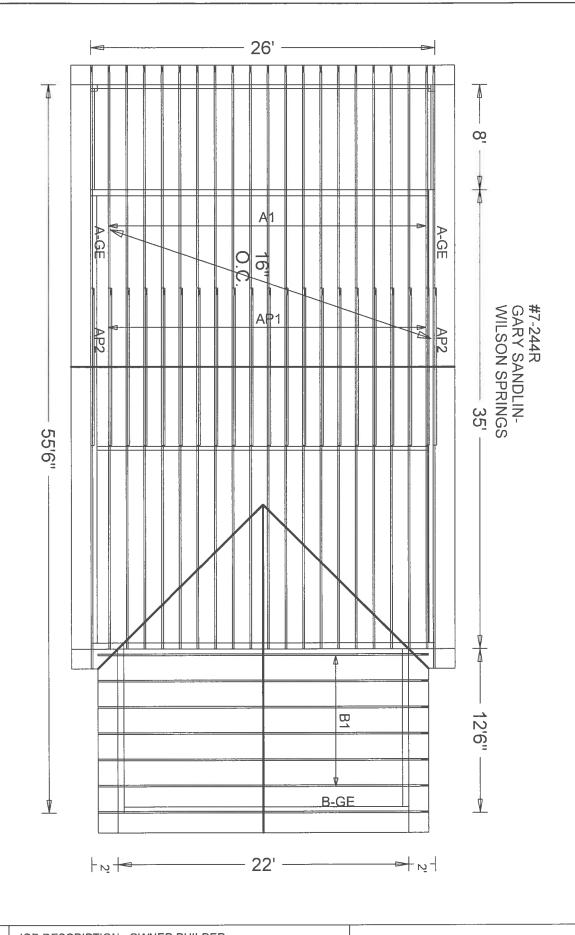
#	Ref Description	Drawing#	Date
1	40690A1	07250011	09/07/07
2	40691 A-GE	07250012	09/07/07
3	40692B1	07250013	09/07/07
4	40693B-GE	07250014	09/07/07
5	40694AP2	07250015	09/07/07
6	40695AP1	07250016	09/07/07

J.F.

Seal Date: 09/11/2007

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





JOB NO: 7-244R PAGE NO: 1 OF 1 JOB DESCRIPTION:: OWNER BUILDER /: Gary Sandlin-Wilson Sprin

(7 244R Gary Sandlin 21)

l op Bot chord 2x4 SP #2 Dense :T2, T4 2x6 SP #2: chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W4, W31 2x4 SP #2 Dense:

Trusses to be spaced at 16.0" OC maximum

Collar tie braced with continuous lateral bracing at 24  $\!\!\!^{\rm m}$  rigid ceiling.

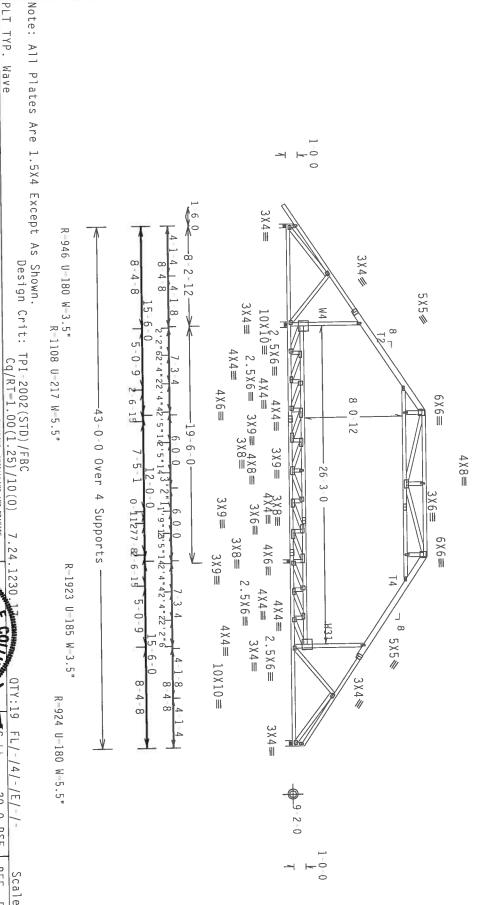
9

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is  $1.50\,\mathrm{.}$ 

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

Wind reactions based on MWFRS pressures

BC attic room floor loading: LL = 40.00 psf; 8-4-8 to 34-7-8. DL t 10.00 psf; from



PLT TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 FI Confificate of Authorization 4 567

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FROM JRFF-

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HC-ENG

CC/AP

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1TAK487

203

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TC DL BC DL

10.0 PSF

10.0 PSF 0.0 PSF

DRW HCUSR487 07250011

09/07/07

**T**C [[

20.0 PSF

REF DATE

40690

Scale =.125"/Ft. R487--

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARMICATION. HANDLING, SHIPPING, DISTALLING AND BRACING, RETER TO BEST (BUILDING COMPORIED SAFETY INFORMATION). PUBLISHED BY IPI (THUSS PAIR INSTITUTE, 280 MORELS, SHIPPING, AMERICA, 18311UIE, 280 MORELS, SHIPPING, AMERICA, 18312UIE, 281 MORELS, ALEXANDRIA, VA, 27314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 18312 MORELS, AMERICA, 18312UIE, SHIPPING, AMERICA, 18312UIE, SHIPPING, AMERICA, 18312UIE, SHIPPING, SHIPPING, AMERICA, 18312UIE, SHIPPING, AMERICA, AMERICA, 18312UIE, SHIPPING, MORELS, AMERICA, AME

OTY:19

FL/-/4/-/E/-/-

ALPINE

Top chord 2x4 SP #2 Dense :T3, T5 2x6 SP #2:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W33 2x4 SP #2 Dense:
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Trusses to be spaced at 16.0" OC maximum

Collar tie braced with continuous lateral bracing at 24" OC. rigid ceiling.

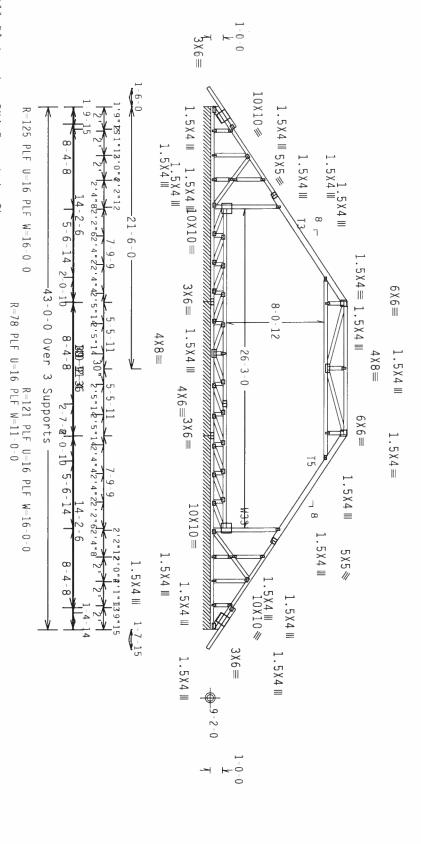
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures

BC attic room floor loading: LL = 40.00 psf; DL 8-4-8 to 34-7-8. 10.00 psf;

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



Note: All Plates Are 3X4 Except As Shown.

PLT TYP.

Wave

\*\*WARNING\*\* HUNSES REDUINE EXPREME EARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, MILE TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 218 HORIN LEE SIRLE, SUIL 312 ALEXANDRIA, VA, ZZ314) AND HICA (MODD TRUSS COUNCIL OF ANERGA. 6300 TRUSPENSE LAWE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNILESS OTHERWISE LINE, ALDISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNILESS OTHERWISE LINE, CALLED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGHD CELLING. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0)

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BLERS FORWARD IN THE ARMY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE BRUSS IN COMPORAMICE MITH IPL OR FARBLICK, AND THE BLUE OF THIS DESIGN. CONTRACTION, AND THE BLUE OF THIS DESIGN. CONTROL OF THE BLUE OF THIS DESIGN. CONTROL OF THE BLUE OF THE

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ITW Building Components Group, Inc.
Haines City, FL 33844

[7] Cartificate of Authorization # 667]

ALPINE



PSF

SEQN-

42150

REV

HC-ENG

CC/AP

FROM

JRFF-

1TAK4R7

Z03

QTY:2

FL/-/4/-/E/-/-

REF

R487-- 40691

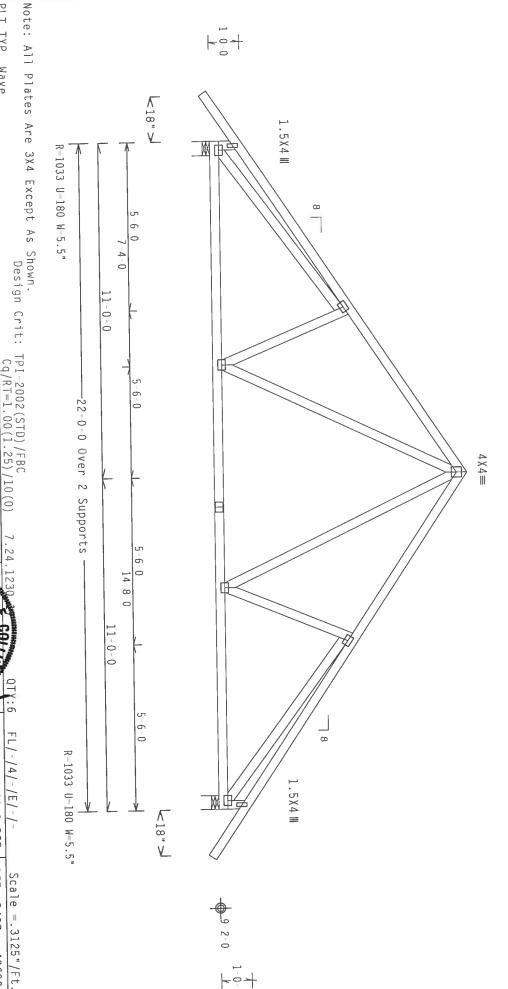
09/07/07

Scale =.125"/Ft.

DR W DATE

HCUSR487 07250012

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP (7-244R Gary Sandlin #2 Dense #2 Dense #3  $4 \times 4 =$ 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. Iw-1.00 GCpi(+/-)-0.18 Wind reactions based on MWFRS pressures.



Haines City, FL 33844
FI Conditions of Ambarization a cert ALPINE

PLT TYP. Wave

\*\*WARNING\*\* IRUSSIS BEQUIRE EXTREME CARE IN FARRICATION. HANDLING. SUPPING, INSTALLING AND BRACING RELER TO BECT (DUILDING COMPORED SAFETY INFORMATION). PUBLISHED BY FPT (TRUSS PLATE INSTITUTE, 218 1000 TRUSS COUNCIL OF AMERICA. 6300 1000 TRUSS COUNCIL OF AMERICA. 6300 1000 TRUSS COUNCIL OF AMERICA. 6300 1000 TRUSS PROFEST ANTI-NATION. 911 53719) FOR SAFETY PRACTICES PRIOR TO PEROMHING HESS FRACTIONS. 911 53719 TOR SAFETY PRACTICES PRIOR TO PEROMHING HESS FRACTIONS. 911 1000 TRUSS COUNCIL ORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL PARELS AND BOTTOM CHORD SHALL PARELS AND BOTTOM CHORD SHALL PARELS AND PARELS AND PARELS A

\*\* IMPORTANT\*\* "HUMISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE REG. HEC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HISS DESIGN. ANY FAILURE TO BUILD HE 1803S HE CONFORMACE WITH THE TO READER THAT ALL THE THE THE THE THE THISTAL SHALL HOLD, THISTALLING A BRACHEN OF TRUSSES.

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20.0 PSF

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R487-- 40692

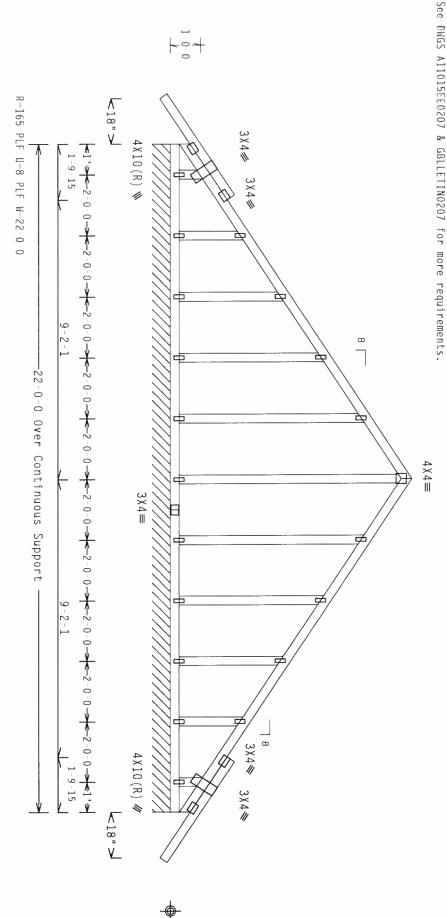
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is  $1.50.\,$ 

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Fasten rated sheathing to one face of this frame



1-0-0

Note: All Plates Are 1.5X4 Except As Shown.

TYP.

Wave

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

FL/-/4/-/E/-/

10.0 20.0

DATE

09/07/07

REF

40693

Scale =.3125"/Ft. R487--

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DRW HCUSR487 07250014

\*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMADELING, SHIPPING, INSTALLING AND BRACING, RECTER TO BEST. (BRISS PLATE INSTITUTE, 210 HURL) TO BEST. (BRISS PLATE INSTITUTE, 210 HURL) THE STREET, SUITE 312. ACEKANBAN, VA, 22314) AND MICA (MODO IRUSS COUNCE OF AMERICA, 6300 ENTERCANDES LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HURSE CUNCTIONS. UNLESS OFFERNISE INDICATED FOR CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS.

\*\* IMPORTANT \*\* THRUSH A COPY OF THIS DESCRIPTION IN INSTALLING CONTRACTOR. THE RECE, THE, SHALL HOLD BE RESPONSIBLE TORM ANY DEVIATION FROM HIS DESCRIPT, ANY FALLING OBUILD IN IT BRUSS IN COMPORMANCE WITH PIP: OR FARBICALING, UNDELLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

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DESIGN SHOWN. 1 ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO SOLELY FOR THE TRUSS COMPONENT RESPONSIBILITY OF

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Conficate of Ambrization 4 547

BUILDING DESIGNER PER ANSI/TPI 1 SCC. 2.

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SEQN-

42104

HC-ENG

CC/AP

FROM JRFF-

24.0" 1.25

1TAK487

203

(7-244R-Gary Sandlin - AP2)

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

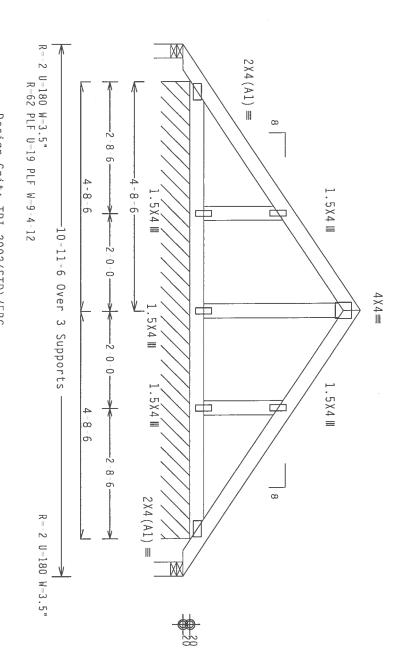
Trusses to be spaced at 16.0" OC maximum

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is  $1.50\,.$ 

110 mph wind, 22.32 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. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

See DRW HCUSROO1 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise.



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

TYP.

Wave

\*\*WARNING\*\* RHISSES REQUERE LYBERE CARE IN FARBICATION, JUANULUG, SHIPPING, HEXALI HOCAND BRACHEG, RETER TO BEST (BUILDING COMPONEN SATETY HIFORMATION), PURLISHED BY PIE (TRUSS PIALE INSTITUTE, 210 HORTH LEE SIREET, SUITE 312. ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, HADISON, HI 53210) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE HOTHCATED HOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARIELS AND BOTTOM CHORD SWALL HAVE A PROPERLY ATTACHED REGION SHALL HAVE A PROPERLY ATTACHED THE CHORD SWALL HAVE

ALPINE

Haines City, FL 33844
Fit Carificate of Ambarization # 667 \*\*IMPORTANT\*\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, TRC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BRILLD THE RUSS IN COMPORMANCE WITH FD: OR FABBLICATION. MANDLING, SHIPPIG. HISTALLING A BRACTHE OF RUSSES.

DESIGN CONTRONS HILL APPLICANTE PROVISIONS OF DDS (MATOMAL DISIGN SPEC, BY ATRPA) AND FPI. THE BCG CONNECTOR PLATES ARE HADE OF ZO/TH/166A (H.H/55/R) ASIM A653 GRADE 40/60 (H. K/M.SS) GALV. SITEL. APPLY PLATES TO TACH ACC. OF TRUSS AND. UNICES OTHER BING LOCALED BY HIS DESIGN, POSITION FER BRAWHRGS 100A Z. ANY INSPECTION OF PARTS FOLLOWED BY (I) SHALL BE PER ANNEX A SOT FPIT-ZOOZ SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SULTABLICED OF PROFESSIONAL ENGINEER BING RESPONSIBILITY OR THE RUSS COMPONENT BRAINES HOLD THE SOURCE STORM THE TRUSS COMPONENT BY THE SOURCE SOURCE STORM THE SOURCE SOURCE SOURCE SOURCE SOURCE.

BUILDING DESIGNER PER ANSI/IPI 1 SEC.



JREF-

1TAK487

Z03

FROM

SEQN-

166556

HC-ENG CC/AP

DRW HCUSR487 07250015

DATE REF

09/07/07

Scal

le =.5"/Ft. R487-- 40694

(7 244R Gary Sandlin AP1)

#2 Dense #2 Dense #3

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP

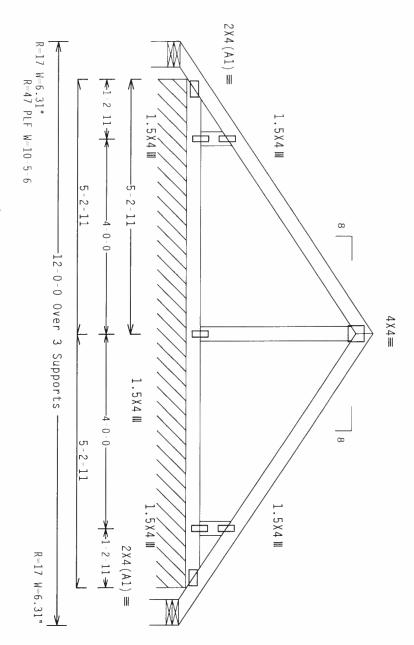
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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Trusses to be spaced at 16.0" OC maximum.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is  $1.50\,.$ 

See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at  $24^{\prime\prime}$  oc, unless specified otherwise.



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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUERE EXTREME FARE IN FABRICATION, HANDLING, SHEPFING, INSTALLING AND BRACING REFER TO HEST (BUILDING COMPONENT SAFLEY INFORMATION), PUBLISHED BY PT (FRINS PLATE INSTITUTE, 218 MOBIN LET STREET, SUIT 317, ALEXANDRIA, VA, 723/14) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANG, MADISON, M. 53719) FOR SAFLEY PRACITICES PRIOR TO PERFORMING HEST FUNCTIONS UNLESS OFFICER OF THE MADISON OF THE SAFLEY PROFILES AND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CETTING

\*\*IMPORTANT\*\*THRRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BIGG, THIC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE BRUSS IN CHAPHORMANCE HITH THIS OF FAREACHING, MANDING HIG. SHIPPING, HINALCHING A BRACHING OF TRUSSES, AND FIRST LINE OF SAME APPLICABLE PROVISIONS OF HIS CALLING AND FALL REPROVISIONS OF HIS CONTROL SHEET, APPLY OF THIS DESIGN AND THE APPLY AND THE AREA OF THE APPLY AND THE APPLY AND

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ITW Building Components Group, Inc.
Haines City, FL 33844
Ft Cartificate of Authorization # 647

ALPINE

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0.0 2.0 PSF

HC-ENG CC/AP

DRW HCUSR487 07250016

PSF PSF

SEQN-

41237

10.0 PSF

DATE REF

09/07/07 40695

PSF

Scale =.5"/Ft. R487--

SPACING 16.0"	DUR.FAC. 1.25
0"   JREF	5 FROM
- 1TAK487	1 AH
203	

## ASCE 7 - 02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED ||1.00, EXPOSURE $\bigcirc$

RACING GROUP SPECIES AND GRADES:

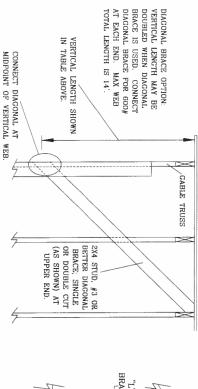
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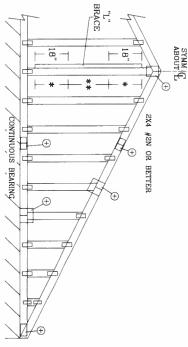
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	4' 11"	5, 0,	٠ ا	"	5.4	4' 9"	4' 9"	4, 9,	4' 11"	4' 5"	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"	4' 4"	4' 4"	4 5	3' 10"	4' 0"	4' 0"	4' 2"	4. 3"	3′ 9″	3′ 9″	3' 9"	3' 10"	BRACES	N O
	7' 5"	8, 2,	8, 5,"	8' 5"	8, 5,	7' 3"	8, 5,	8. 5.	8,5	6' 5"	7' 6"	7' 7"	7' 8"		6' 4"	7' 4"	7' 4"	7' 8"	5, 3,	6'1"	6, 5,,	6' 8"	6' 8"	5' 2"	6'0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
	7, 5,	8' 7"	8, 5,	9' 1"	9' 1"	7' 3"	8, 2,	8, 2,		6, 5,	7' 6"	7' 7"	8' 3"		1	7' 4"	7' 4"	7' 10"	5' 3"	1	6, 5,	7' 2"	7' 2"	5, 5,	6' 0"	6' 0"	6' 10"	GROUP B	" BRACE .
	9' 10"	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	1 -	10' 0"	10' 0"	8' 6"	9' 1"	9' 1"	9' 1"	9' 1"	8' 4"	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7'11"	7' 11"	7' 11"	6'9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "L"
	9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9′ 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8'0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	" BRACE *
	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9' 5"	9' 5"	9' 1"	9' 5"	9'5"	9' 5"	GROUP A	(2) 2X4 "L"
	12' 3"	12' 6"	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"		11' 1"	9' 4"	9' 11"	9' 11"		10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	" BRACE **
	14' 0"	14' 0"	14' 0"	14'0"	14' 0"	14'0"	14' 0"	14'0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14′0"	14' 0"	14' 0"			12' 5"		12' 5"	"	12' 3"	12' 4"	12′5″	GROUP A	(1) 2X6 "L"
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14'0"	14' 0"	14' 0"	14' 0"	13′ 3″	14' 0"	14'0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 6"	12' 8"	13′ 5″	13' 5"	10' 7"	12' 3"	12' 4"	12' 9"	GROUP B	BRACE *
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14'0"	14' 0"	14' 0"	14' 0"	14' 0"	14'0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14′0"	14' 0"	14' 0"	14' 0"	B GROUP A	(2) 2X6 "L" BRACE
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14'0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	GROUP B	BRACE **
CABLE END SUPPORTS LOA		CONTINUOUS BEARING (5	DROVIDE HELIET CONNECTION	LIVE LOAD DEFLECTION CRI	CAULT INCOME	CABIE TRIES			***	#1	SOUTHERN PINE		#1 8	HEM-I		LIDAD			STANDARD	#3	DOUGLAS FIR-LARCH		- 1	#1 / #2 STANDARD	SBBLICE BINE FIR	IIOan	BRACING GROUP SPE		





ALE.
TRUSS
DETAIL
NOTES:

DOUGLAS FIR-LARCH

#2

GROUP B: HEM-FIR #1 & BTR #1

SOUTHERN PINE STUD

BLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" VIDE UPLIFT CONNECTIONS FOR 80 PLF OVER ONTINUOUS BEARING (5 PSF TC DEAD LOAD). LOAD DEFLECTION CRITERIA IS L/240.

ATTACH EACH "L" BRACE WITH 10d NAILS. PLYWOOD OVERHANG.

\* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
\*\* FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES. MEMBER LENGTH. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
SS DESIGN FOR . PLATES.	2.5X4	T 2X4	1X4 OR 2X3	NO SPLICE	ATE SIZES

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	=	DES	SS		ĀΑ	0	PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING	m	RAC	5		HAN	
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	USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI I SEC. 2.	ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONA ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY A	DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE	DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFRPA) AND	NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSS	**IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC.	Š	UNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTORAL	AMERICA, 6300 ENTERPRISE LN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING	INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) ÁND WTCA (WOOD TRUSS COUNCI	F2	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AN	
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	R	ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY ANI	PE4	Ž	Z	A L		RAL	Ä	Ē	BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLA	AND	
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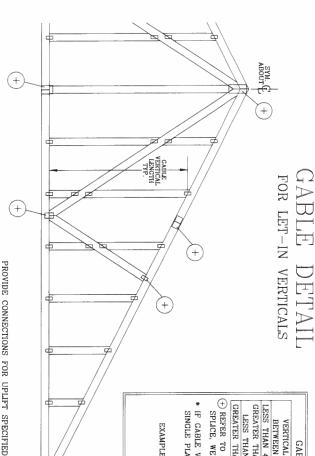
VERTICAL LENGTH.

\*\*\*MAPDEN'ANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONFRACTOR ITTY NOT BE RESPONSIBLE COP AND TEXTALING FRANCE VITY APPLIANCE VALUE OF THE BUILD FOR FURNISHING SHOPPING, METALLING BANCHUNG LODRIGUNANCE VALUE AND THE SHORT OF THE S

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

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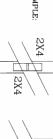


GREATER THAN 11' 6"	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	BETWEEN CHORDS	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
2.5X4	2X4	1X4 OR 2X3	SIZE	PLATE	L PLATE SI
2.5XB	2X8	2X8	OVERLAP*	IF PLATES	ZES

(+) 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



ATTACH EACH "T" REINFORCING MEMBER WITH PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN

HAND DRIVEN NAILS:

10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PL (4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP PLUS OP AND BOTTOM CHORD

GUN DRIVEN NAILS:

Bd COMMON (0.131"X 2.5", MIN) TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

"T" REINFORCING MEMBER

4 TOENAILS

RIGID SHEATHING

GABLE TRUSS

TOENAILS SPACED AT 4 O.C.

ASCE 7-93 GABLE DETAIL DRAWINGS A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207 A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207

ASCE 7-02 GABLE DETAIL DRAWINGS ASCE 7-98 GABLE DETAIL DRAWINGS A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207 A08530EC0207

ASCE 7-05 GABLE DETAIL DRAWINGS A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207 A08530EE0207

A13030E50207, A12030E50207, A11030E50207, A10030E50207, A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207 A08530E50207

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

4 TOENAILS

CEILING

ITW BUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA ALPINE

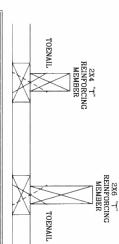
\*\*\*MAKARUNG\*\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING GORPHENENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22340 AND WICA (VOIDD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, HANDISON, WI 53719) FOR SAFETY PRACTICES PRICE TO PERFORMING THESE FUNCTIONS. UNEESS DIHERVISE INDICATED, TOP CORROR SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANGLS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PANGLS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL

WHENDER WHEN E FLEWISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. IT Y BCG, INC., SY ON THE RESPONSIBLE COR ANY DEVIATION FOR THIS DESIGN ANY FAILURE TO BILLO THE TRUSS I CONFIDENCIAL THE THE PER PARTICULAR OF PROPERTY OF THIS DESIGN ANY FAILURE TO BILLO THE TRUSS. DESIGN CONFIDENCIAL THE PER PARTY OF THIS CONFIDENCIAL DESIGN ASSECT BY AREAD AND THY, BCG COUNCETOR PLATES ARE MADE OF 20/18/16/64 WHYSSYM SET PROLUCED BY AREAD AND THY BCS COMPONENT DESIGN ASSECT BY AREAD AND THY BCS COMPONENT BY CONTRACT BY THE STORY OF THE STORY ED ON THIS
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SBCCI WIND LOAD. TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE VERTICAL SPECIES, GRADE AND SPACING) FOR (1)

WEB LENGTH INCREASE W/ "T" BRACE

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14 FROM TOP TO BOTTOM CHORD.

30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	AND MRH	MIND CERED
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2x6	2x4	2 <b>x</b> 6	2x4	2 <b>x</b> 6	2x4	2 <b>x</b> 6	2 <b>x</b> 4	2 <b>x</b> 6	2x4	2x6	2x4	2 <b>x</b> 6	2x4	2x6	2x4	2 <b>x</b> 6	2x4	2x6	2 <b>x</b> 4	MBR. SIZE	"T" DEINE
10 %	10 %	% 0	0 %	20 %	20 %	2 01	2 01	30 %	10 %	20 %	20 %	40 %	10 %	30 %	10 %	50 %	10 %	40 %	10 %	SBCCI	
30 %	20 %	20 %	20 %	40 %	2 01	30 %	20 %	50 %	10 %	40 %	10 %	40 %	10 %	50 %	10 %	50 %	10 %	50 %	10 %	ASCE	

EXAMPLE:

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

LACES DRAWINGS GAB98117 876,719 80 HC26294035

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XAM	DUR.	MAX		+		4.000
MAX SPACING 24.0"	DUR. FAC.	MAX TOT. LD. 60 PSF				
ING		LD.				
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1.0"		PSF				
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TOP CHORD BOT CHORD WEBS ‡ т \* \* NOTE: PIGGYBACK VERTICALS TO BE SPACED AT 4'0" O.C. MAXIMUM Alpine Engineered Products, Inc. (PIGGYBACK PIGGYBACY BOTTOM CHORD MAY BE ONITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH W1.5X3 ALPINE. MAXIMUM SIZE 4X6 ALPINE, (4) 0.131"X1.375" SCOTCH NAILS OR EQUAL IN EACH TO BE APPLIED TO EACH FACE AT 2'0" O.C. MAXIMUM 142 FOR TRULOX INFORMATION. PLATES ON THE FRONT OFFSET FROM THE PLATES ON THE BACK FACE AS LONG 4'0" OC. MAX. 3X8 TRULOX PLATE OR ALPINE PIGGYBACK SPECIAL PLATE (SEE DRWG. 847,847) Ilaines City, FL 12 TYP. 2 × × 4 2 × 4 ALPINE 444 High Strength, Wave TPI-95 MAX 33844 m # 567 3X6 TRULOX AT 2'0" OC. MAX. OF 2X12, #2 HEM-FIR OR BETTER. 2 ## Y #2N #2N ~ 0 \*\*\*IMPORTANT\*\*\*UNRIESH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANTHE PROBUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DETAIL OF FOOD HAS DESIGN: AMY FAILURE IT ROBUCTS, INC. SHAPPING, INSTALLING & BRACKING THIS DESIGN THE SHALL PROBUCTS IN EXPERIMENT APPLICABLE PROPESSORS OF THIS (MAISTONIA DESIGN SPEC, DY AFANA) AND IPLICABLE FOR THE PROPESSORS OF THIS (MAISTONIA DESIGN SPEC, DY AFANA) AND IPLICABLE SAN FANDE OF THIS SHALL PROPESSORS OF THE SHALL SHALL PROBUCT OF THE PROPESSORS OF THE SHALL SHALL PROPESSORS OF THE SHALL SHALL PROPESSORS OF THE SHALL SHALL SHALL PROPESSORS OF THE 0 BUILDING DESIGNER PER ANSI/IPI 1 SEC. RIGID CEILING. (TYP) SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF 42 -0-0 MAXIMUM PIGGYBACK SPAN  $\subseteq$ MEMBER. TRULOX PLATE SPACING REFER TO DRAWING FACE OF TRUSS MAY BE AS PLATES ARE SPACED ŢγP æ LOCATED ON THIS DESIGN, POSITION PER DRAWINGS Design Criteria: 9 SPLICE THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR TPI (STD NOTE: NOTE: 140 40 MPH WIND. JOINT TYPE 1X4 CÖNTINUOUS LATERAL BRACING AT 24" OC. MAX. SPACING. ATTACH TO BOTTOM SIDE OF SUPPORTED TRUSS TOP CHORD WITH 2-16D NAILS IN EACH TRUSS. BOTTOM CHORD OF PIGGYBACK SHOULD REST DIRECTLY ON THE TOP CHORD OF THE SUPPORTED TRUSS. 2X4 CONTINUOUS LATERAL BRACING AT OF SUPPORTED TRUSS TOP CHORD WITH NOTE: BRACING MATERIAL IS TO BE ATTACHED TO A SUITABLE SUPPORT AT EACH END AND MUST BE #3 HEM-FIR OR BETTER. 3111 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-02, PART. ENC.BLDG, THIS DETAIL MAY ALSO BE USED FOR A MONO OR HIP-MONO PIGGYBACK USING A TYPE-C PLATE AT THE HIGH END. AND END VERTICAL WHICH IS GREATER THAN 6-0-0 IN LENGTH AND EXPOSED TO WIND MUST BE VERIFIED BY ALPINE ENGINEERED PRODUCTS. TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER. 30.0" W2X4 W5X4 W1X3 W5X4 SPANS 34'0" W2X5 W5X5 W1X3 PER THIS DETAIL DESIGNED TO BE USED FOR THE FOLLOWING: 30.0 FT MEAN HGT, ASCE 7-98, PART. ENC.BLDG, CAT II, EXP R1: RE UP TO 38'0" W3X4 W5X5 W1.5X3 ORIOP VISED FOR ENGINEE 09/30 42.0° W3X5 W5X5 W1.5X3  $\triangleright$ > > ₿ 24" OC. MAX SPACING. ATTACH TO TOP SIDE 2-16D NAILS IN EACH TRUSS. BC DL -02 SPACING DUR.FAC. 8 C TC12'3" TOT.LD. BCDL 7 · 9 \* TCDL TCLL TIOIL ALTERNATE HIJ=/1/=/=/R/-P WEB BRACING

PT 7'9"
TO 7'9"
TO 12'3"-1X4 "T" BRACI, SAME GRADE
AND LENGTH AS WEB, ATTACH WITH 8D

NAILS AT 6" OC.
NAILS AT 6" OC.
NAUD LENGTH AS WEB, ATTACH WITH 16D

NAILS AT 6" OC. 50 OR 15 PSF 10 PSF 55 PSF 47. 30.0 PSF 24.0" 1.33 10.0 PSF LOADING: 7.0 0.0 PSF 1.33 0 30 PSF PSF PSF CAT II, EXP JRFF-SEQN DATE REF DRW HC-ENG DETAIL: 140PB HCUSR001 02086006 R001--C. С. 1807001 24938 DLJ/DLJ 03/27/02 0 R38

## 16" DEEP LVL BEAMS П П <u>하</u> U 16" DEEP LVL BEAMS DEEP LVL BEAMS Z S BEAMS S 16" DEEP LVL BEAMS 16" DEEP LVL BEAMS 16" DEEP LVL BEAMS 16" DEEP LVL BEAMS S 16" DEEP LVL BEAMS

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JOB DESCRIPTION:: Fill in later /: GARY SANDLIN

**GARY SANDLIN FLOOR 7-244**