

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: ITC0215-Z0129151229

Truss Fabricator: W.B. Howland
Job Identification: 4995-/BROOKS /North Florida Framers -- , FL
Truss Count: 4
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.38.
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: A11030EE-GBLLETIN-A11015EE-

#	Ref	Description	Drawing#	Date
1	45198--A1		07302004	10/29/07
2	45199--A2		07302001	10/29/07
3	45200--A3		07302002	10/29/07
4	45201--A4		07302003	10/29/07



Seal Date: 10/29/2007

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



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

110 mph wind, 19.32 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. $lw=1.00 \text{ GCpi}(+/)=0.18$

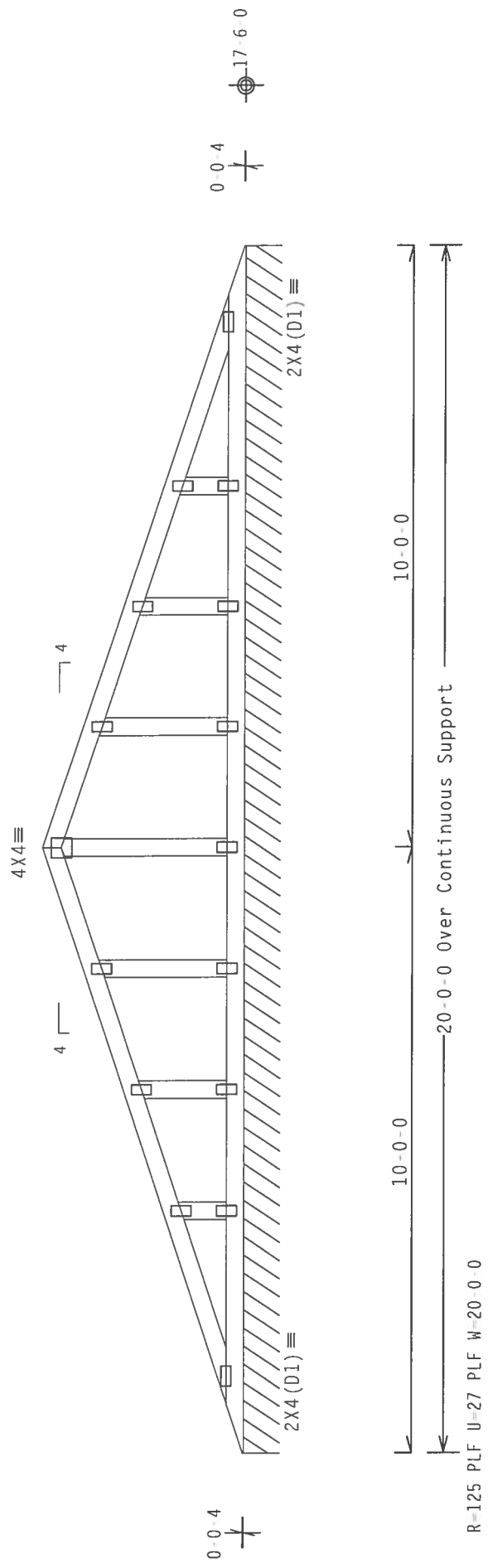
Truss spaced at 24.0" OC designed to support 2-0-0 top chord
outlookers. Cladding load shall not exceed 0.00 PSF. Top chord
must not be cut or notched.

Wind reactions based on MWFRS pressures.

See DWGS A11030EE0207 & GBULLETIN0207 for more requirements.

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

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 2X4 Except As Shown.

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

PLT TYP. Wave

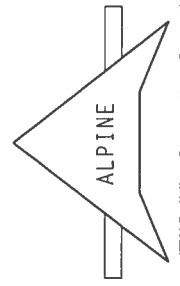
0810-2000-0000 QTY:2 FL/-/5/-/-/R/-

Scale = .375"/Ft.

****WARNING**** RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THIS DESIGN, ANY FAILURE, ANY DAMAGE TO BUILDING TRUSS IN COMPLIANCE WITH DESIGN REQUIREMENTS AND ALL APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.), BY AFAPA) AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.), BY AFAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF 2018/16GA (M/55K2) ASTM A653 GRADE 40/60 (M, K/M-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER-A3 OF TPI-1-2002 SEC.3. A SEAL ON THIS CONNECTION SHALL BE REQUIRED TO PREVENT CORROSION OF THE TRUSS MEMBER UNDER THE SEAL. THE CONTRACTOR SHALL MAINTAIN THE SUFFICIENCY AND USE OF THIS COMPONENT FOR THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

Oct 29 '07

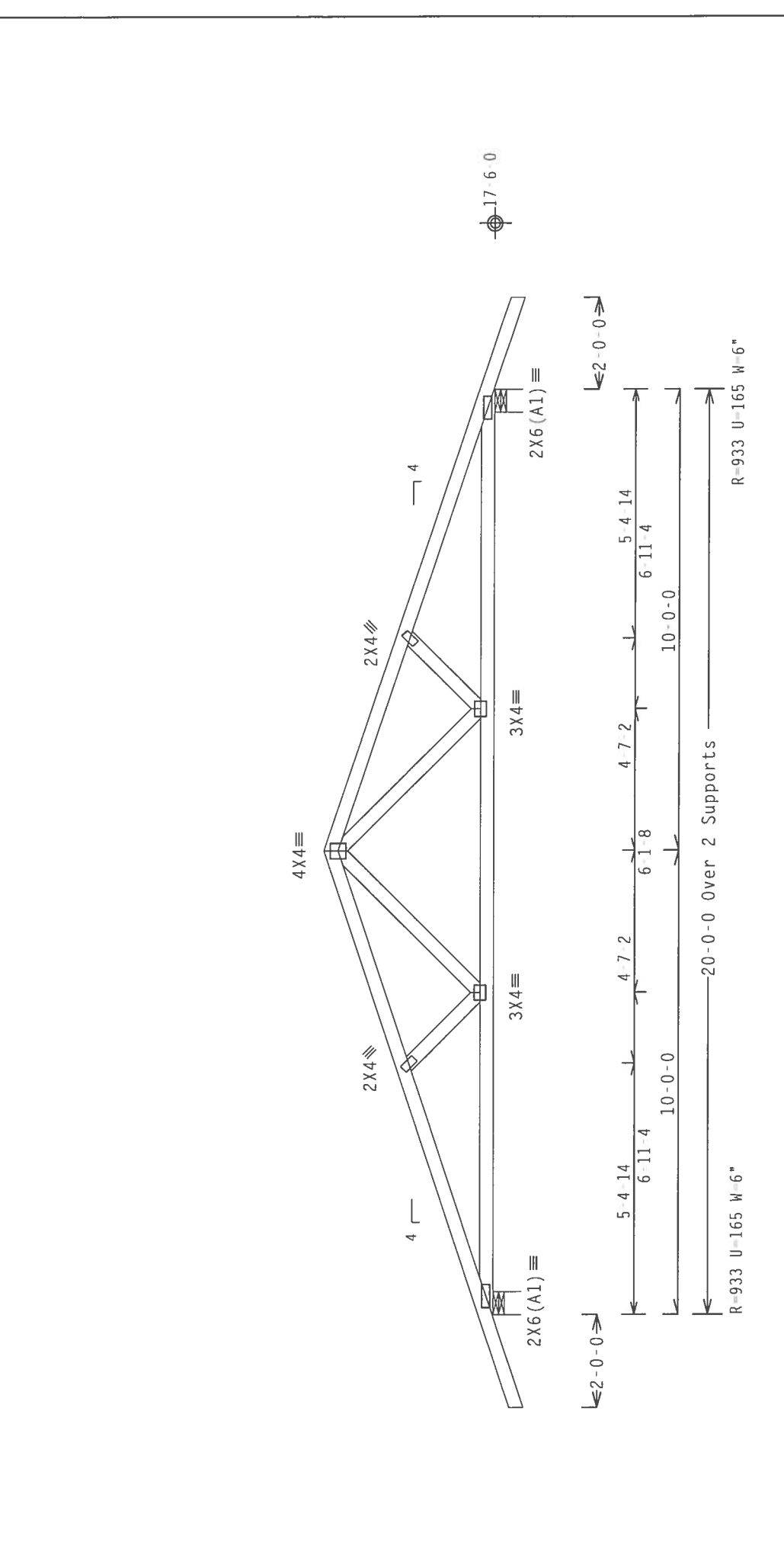
SPACING	SEE ABOVE	JREF- 1TC0215_Z01
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Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 19.16 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

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

The overall height of this truss excluding overhang is 3'-7 1/2".



PLT TYP. Wave

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

QTY:14 FL/-/5/-/-/R/-

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R215--	45199
TC DL	10.0 PSF	DATE	10/29/07	
BC DL	10.0 PSF	DRW	HCUSR215	07302001
BC LL	0.0 PSF	HC-ENG	SSB/AP	*
TOT.LD.	40.0 PSF	SEQN-	204271	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TC0215_Z01	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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James F. Collins, P.E.
Professional Engineer
State of Florida
No. 52212
Oct 29, 07

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 ALPINE DRIVE, HAINES CITY, FL 33844) FOR ALL TRUSS FABRICATORS AND INSTALLERS. THESE TRUSSES ARE DESIGNED FOR USE IN RESIDENTIAL APPLICATIONS. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE TRUSS IS BEING USED IN THE MANNER INTENDED. THE USER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CONNECTOR PLATES ARE MADE OF 70/18/16GA (N-11/55/1) ASTM A653 GRADE 40/60 (N, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. A SEAL ON THIS DESIGN SIGNIFIES THE CONTRACTOR'S RESPONSIBILITY AND ACCEPTANCE OF THIS COMPONENT FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(4995 / BROOKS / North Florida Framers -- , FL - A3)

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

Truss spaced at 24.0" OC designed to support 2.0-0 top chord
outlookers. Cladding load shall not exceed 0.00 PSF. Top chord
must not be cut or notched.

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

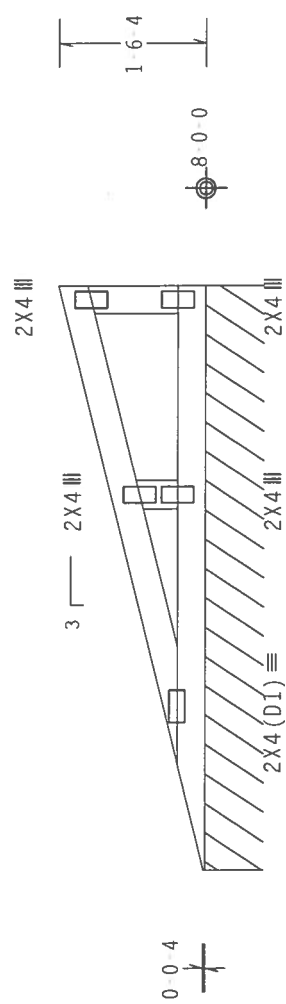
The building designer is responsible for the design of the
roof and ceiling diaphragms, gable end shear walls, and
supporting shear walls. Shear walls must provide continuous
lateral restraint to the Gable end. All connections to be
designed by the building designer.

110 mph wind, 15.00 ft mean 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. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

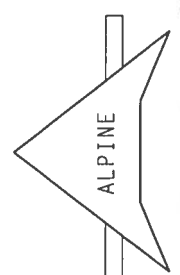
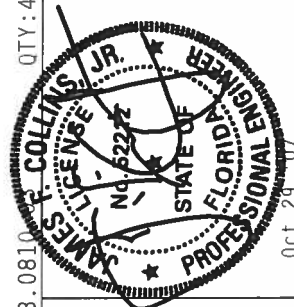
The overall height of this truss excluding overhang is 1-6-4.



6-0-0 Over Continuous Support

R-117 PLF U=95 PLF W=6-0-0

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

PLT TYP. Wave	QTY: 4	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
 ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	TC LL	20.0 PSF	REF R215 - - 45200
	TC DL	10.0 PSF	DATE 10/29/07
	BC DL	10.0 PSF	DRW HCUSR215 07302002
	BC LL	0.0 PSF	HC-ENG SSB/AP *
	TOT.LD.	40.0 PSF	SEQN- 204265
	DUR.FAC.	1.25	FROM CDM
	SPACING	SEE ABOVE	JREF- 1TC0215_Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 W. 10TH AVE., SUITE 100, ALBUQUERQUE, NM 87102) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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Oct 29 07

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3	STUD
STANDARD	STANDARD
#3	STUD

GROUP B:

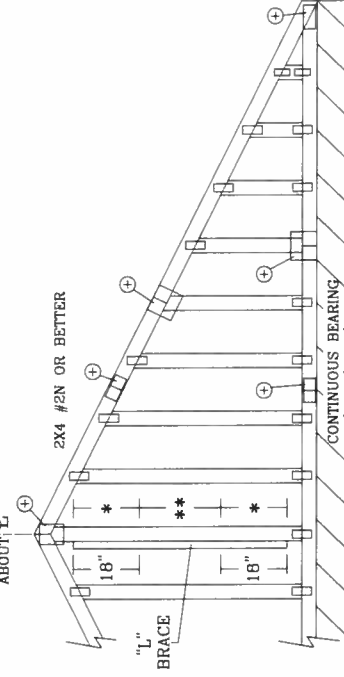
HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
#1	#2

GABLE TRUSS DETAIL NOTES:

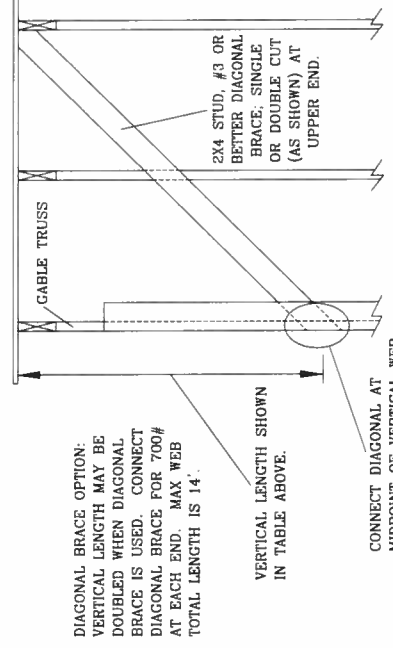
- LIVE LOAD DEFLECTION CRITERIA IS $L/240$.
- PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).
- GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
- ATTACH EACH "L" BRACE WITH 10d NAILS.
- * FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
- ** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6' O.C. BETWEEN ZONES.
- "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

CABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

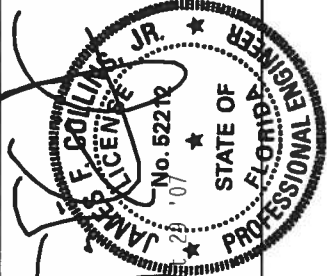


REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



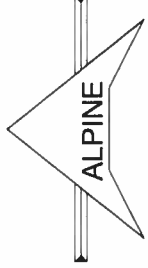
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLAN INSTITUTE, 218 NORTH LEE ST., SUITE 312, ALEXANDRIA, VA 22314, AND WTC (WOOD TRUSS COUNCIL) FUNCTIONS, 6300 ENTERPRISE LN, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING TRUSS PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV, BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITV, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/X) ASTM A653 GRADE 40/60 (W/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THE DESIGN, POSITION PER BRACKETS ISOKRAT SEAL ON THIS DRAWING INDICATES LOCATION OF PROTECTIVE BRACKETS. ITV, BCG, INC. SHALL BE RESPONSIBLE 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.



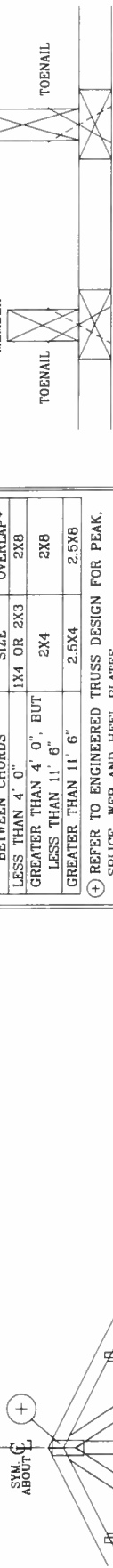
REF	ASCE7-02-CAB1030
DATE	2/23/07
DRWG	A11030EE0207
-ENG	

MAX. TOT. LD.	60 PSF
MAX. SPACING	24' 0"



ITV BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

GABLE DETAIL FOR LET-IN VERTICALS



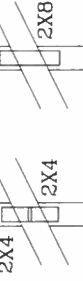
GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X6
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, SPICE, WEB AND HEEL PLATES.

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

EXAMPLE:



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

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	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"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207,

A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A09015EC0207,

A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A09030EC0207

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A09015EE0207,

A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A09030EE0207

ASCE 7-05 GABLE DETAIL DRAWINGS

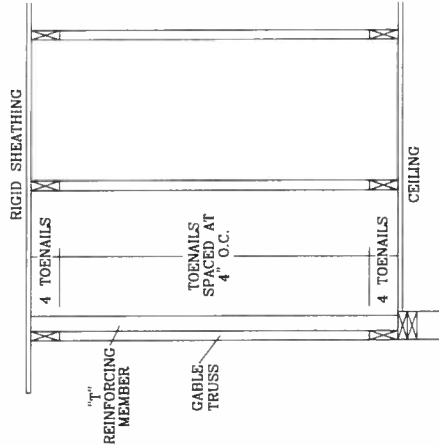
A13015E50207, A12015E50207, A11015E50207, A10015E50207, A09015E50207,

A13030E50207, A12030E50207, A11030E50207, A10030E50207, A09030E50207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

VERTICAL LENGTH.



THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

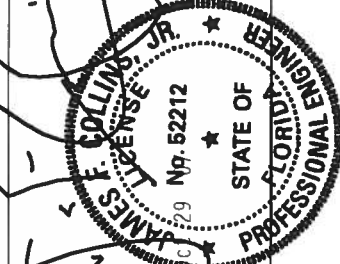
REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLETTN0207
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE ALPINE TRUSS DESIGN SPECIFICATION, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND VICA (VIRGINIA COMMONWEALTH) AMERICA, 6300 ENTERPRISE LN., MADISON, VI 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR LOSS OF TRUSSES OR BRACING. ITV BEG. INC. SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA&P) AND AIA&P GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF PERMANENTLY APPLIED SEAL. IN THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL DESIGNER'S RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSII/TPI 1 SEC. 2.

ALPINE

ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA



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

BRACING GROUP SPECIES AND GRADES:

GROUP A:	
SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	STUD
STANDARD	STANDARD

DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:	
HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
	#2

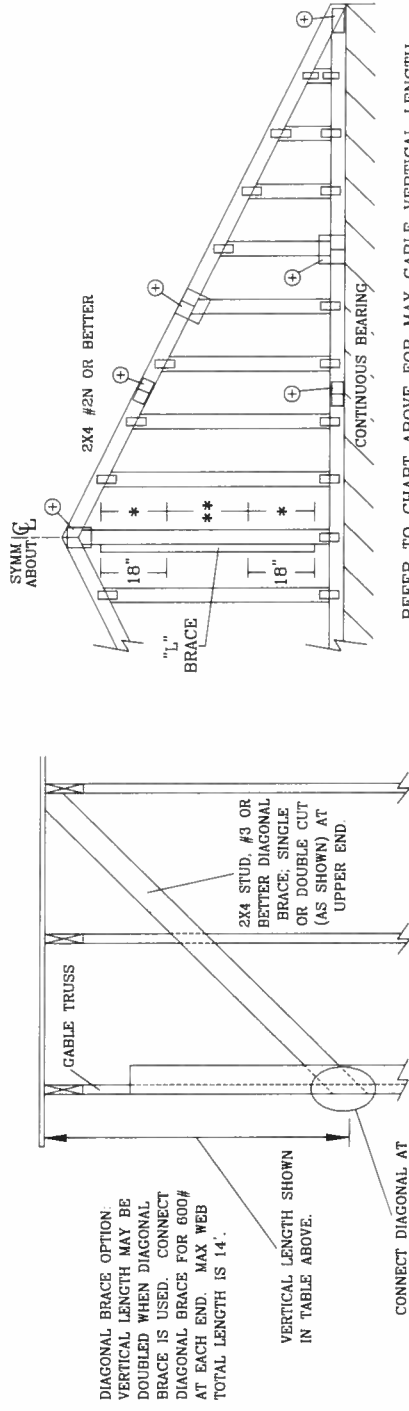
SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2

GABLE TRUSS DETAIL NOTES:

- LIVE LOAD DEFLECTION CRITERIA IS L/240.
- PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).
- GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
- ATTACH EACH "L" BRACE WITH 10d NAILS.
- * FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
- ** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6' O.C. BETWEEN ZONES.
- "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

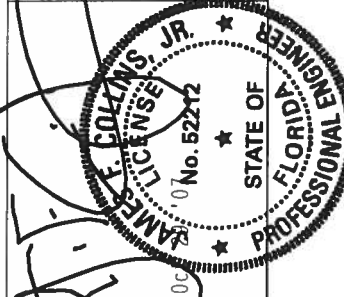


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCS, 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. ITV, BCS CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/SS/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, GALV. STEEL. IN PEELING BACK, IDENTIFY THE FOLLOWING BY CD. SHALL BE PER ANNEAL 43 OF TPI GROUP SPEC. SEAL ON THIS BRACING. NOT BE USED FOR ANY OTHER PURPOSES. 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 ANSII/TPI 1 SEC. 2.

REF	ASCE7-02-CABI1015
DATE	2/23/07
DRWG	A11015EE0207
-ENG	

MAX. TOT. LD. 60 PSF	MAX. SPACING 24.0"
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ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA