

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: ITBH215-Z0210163144

Truss Fabricator: W.B. Howland
Job Identification: 4965-/RYAN & TAMMY GAINES /GARY THOMPSON -- , **
Truss Count: 2
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-

#	Ref	Description	Drawing#	Date
1	48794--A1		07283001	10/10/07
2	48795--1		07283002	10/10/07



Seal Date: 10/10/2007

-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, 20.20 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf $I_w=1.00$ GCr1(+/-)=0.18

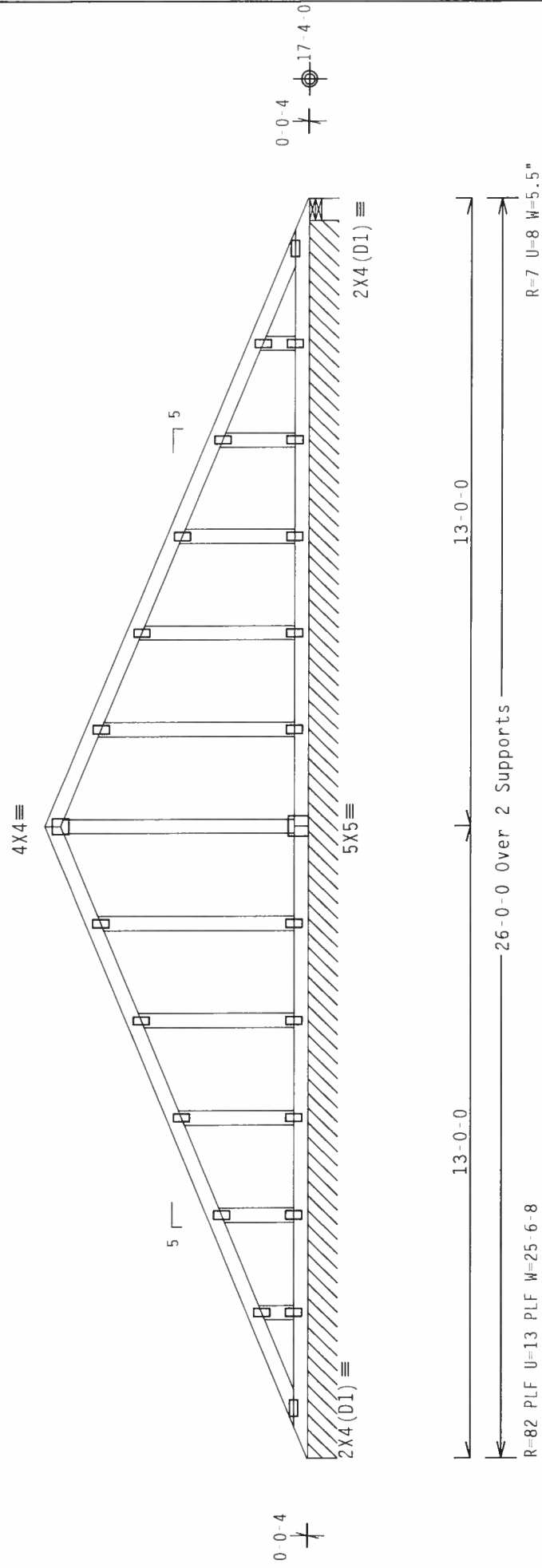
Gable end supports 8" max rake overhang.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

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

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

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.



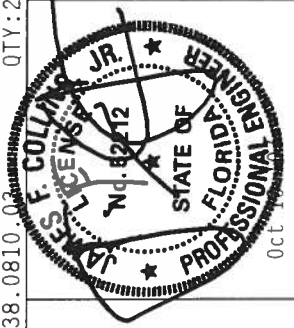
Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

OTY:2 EI / - / 5 / - / - / R / - / - / Scale = 3125" / Ft

TC LL	20.0 PSF	REF	R215 - -	48795
TC DL	10.0 PSF	DATE	10/10/07	
BC DL	10.0 PSF	DRW	HCUSR215	07283002
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEQN-	78107	
DUR.FAC.	1.25	FROM	LRB	
SPACING	24.0"	JREF-	1TBH215	Z02



MAX CABLE VERTICAL LENGTH													
2x4 GABLE VERTICAL SPACING SPECIES	BRACE GRADE	NO BRACES	(1) 1x4 "L" BRACE •		(1) 2x4 "L" BRACE •		(2) 2x4 "L" BRACE •		(1) 2x6 "L" BRACE •		(2) 2x6 "L" BRACE •		
			GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	
O.C.	SPF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
		STUD	3' 7"	5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
	HF	STANDARD	3' 7"	4' 8"	4' 8"	6' 1"	6' 1"	8' 3"	8' 3"	9' 6"	9' 6"	12' 11"	12' 11"
		#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
24" O.C.	SP	#3	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"
		STUD	3' 9"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	14' 0"
	DFL	#1 / #2	4' 2"	7' 3"	7' 5"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
		#3	4' 1"	6' 8"	6' 8"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
		STUD	4' 1"	6' 0"	6' 0"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
16" O.C.	SP	STANDARD	4' 1"	5' 8"	5' 8"	7' 6"	7' 6"	10' 1"	10' 1"	11' 8"	11' 8"	14' 0"	14' 0"
		#1	4' 7"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"
		#2	4' 6"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"
	DFL	#3	4' 4"	6' 10"	6' 10"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	6' 9"	6' 9"	8' 7"	8' 11"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	11' 11"	14' 0"	14' 0"
O.C.	SPF	#1 / #2	4' 7"	8' 0"	8' 2"	9' 5"	9' 8"	11' 3"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STANDARD	4' 6"	6' 7"	6' 7"	8' 8"	8' 8"	11' 3"	11' 3"	13' 6"	13' 6"	14' 0"	14' 0"
		#1	5' 1"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 11"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
SP	#3	4' 9"	7' 11"	7' 11"	9' 11"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"	
	STUD	4' 9"	7' 9"	7' 9"	9' 5"	9' 5"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"	
	STANDARD	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	13' 10"	14' 0"	14' 0"	

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 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.

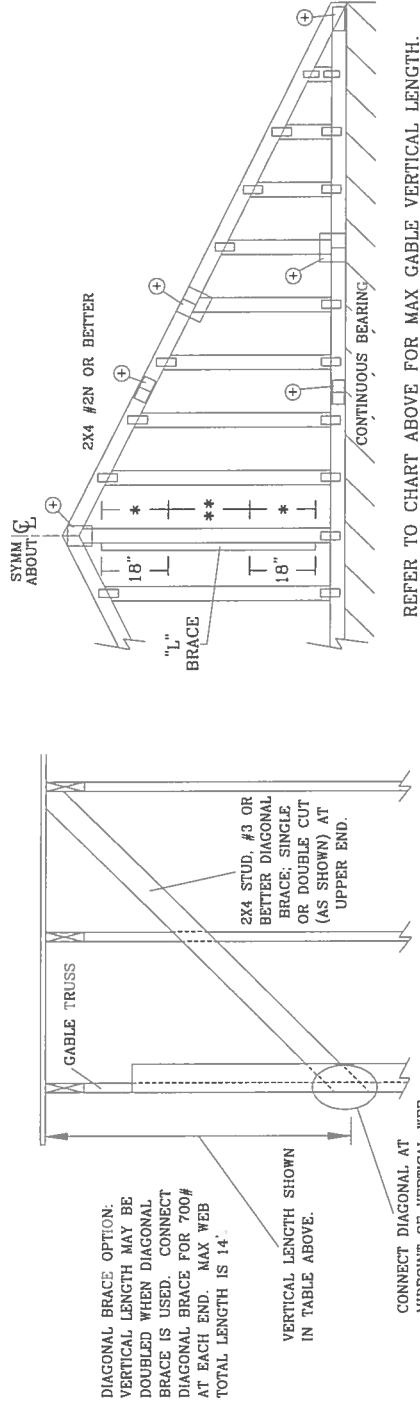
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

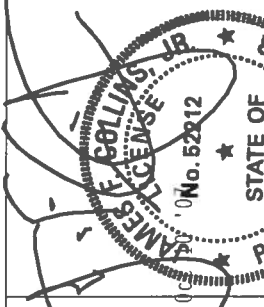
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

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

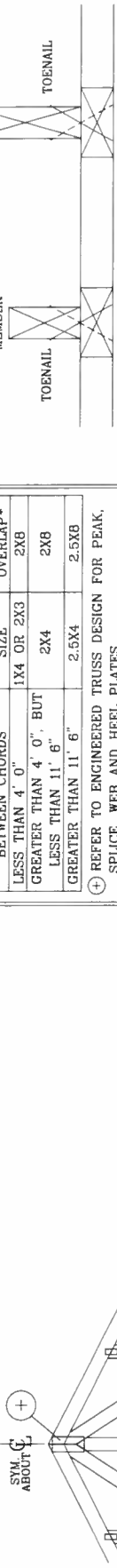
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

 ALPINE BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA	***WARNING*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND VTCA (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 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 CONFLICTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITV, BCG CONTRACTOR PLATES ARE MADE OF 20/18/76GA (W/H/SS/X) ASTM A653 GRADE 40/60 (W/A/HH/SS) STEEL. APPROVED PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DRAWING, INSTALLATION PER SECTION 1.6.0202 SEC. 3. 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 E. COLLINS, P.E. No. 52012 STATE OF FLORIDA	<table><tr><td>REF</td><td>ASCE7-02-CABI1030</td></tr><tr><td>DATE</td><td>2/23/07</td></tr><tr><td>DRWG</td><td>A11030EEE0207</td></tr><tr><td colspan="2">-ENG</td></tr></table>	REF	ASCE7-02-CABI1030	DATE	2/23/07	DRWG	A11030EEE0207	-ENG	
	REF	ASCE7-02-CABI1030									
DATE	2/23/07										
DRWG	A11030EEE0207										
-ENG											
	<table><tr><td>MAX.</td><td>TOT. LD. 60 PSF</td></tr><tr><td>MAX.</td><td>SPACING 24.0"</td></tr></table>	MAX.	TOT. LD. 60 PSF	MAX.	SPACING 24.0"						
MAX.	TOT. LD. 60 PSF										
MAX.	SPACING 24.0"										

GABLE DETAIL FOR LET-IN VERTICALS

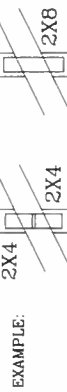


GABLE VERTICAL PLATE SIZES

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, SPLICE, WEB AND HEEL PLATES.

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



EXAMPLE:



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

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH 15 FT	2x4	10 %	10 %
110 MPH 30 FT	2x6	40 %	50 %
110 MPH 60 FT	2x4	10 %	10 %
100 MPH 15 FT	2x6	50 %	50 %
100 MPH 30 FT	2x4	10 %	10 %
100 MPH 60 FT	2x6	30 %	50 %
90 MPH 15 FT	2x4	10 %	10 %
90 MPH 30 FT	2x6	40 %	40 %
90 MPH 60 FT	2x4	20 %	10 %
80 MPH 15 FT	2x6	20 %	40 %
80 MPH 30 FT	2x4	10 %	10 %
80 MPH 60 FT	2x6	30 %	50 %
70 MPH 15 FT	2x4	10 %	20 %
70 MPH 30 FT	2x6	10 %	30 %
70 MPH 60 FT	2x4	20 %	10 %
60 MPH 15 FT	2x6	20 %	40 %
60 MPH 30 FT	2x4	0 %	20 %
60 MPH 60 FT	2x6	0 %	20 %
50 MPH 15 FT	2x4	10 %	20 %
50 MPH 30 FT	2x6	10 %	30 %
50 MPH 60 FT	2x4	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS

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

GUN DRIVEN NAILS:

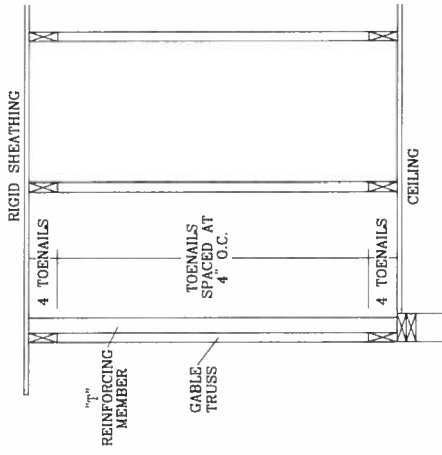
8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

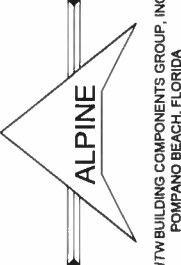
- ASCE 7-93 GABLE DETAIL DRAWINGS
 - A1015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
- ASCE 7-98 GABLE DETAIL DRAWINGS
 - A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08015EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08030EC0207
- ASCE 7-02 GABLE DETAIL DRAWINGS
 - A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08015EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08030EE0207
- ASCE 7-05 GABLE DETAIL DRAWING^c
 - A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08015E50207, A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08030E50207

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS ASSOCIATION OF AMERICA, 1600 ENTERPRISE DR., HADISON, VI 22719, 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR ALPINE TRUSSES. ITV, BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4/H/SS/K) ASTM A653 GRADE 40/60 (4/K/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK 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/TPI 1 SEC. 2.



ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLETTIN0207
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

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: ITB11215-Z0110163136

Truss Fabricator: W.B. Howland
Job Identification: 4965F-/RYAN & TAMMY GAINEY /GARY THOMPSON -- , **
Truss Count: 14
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 - N/A
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind

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: -



Seal Date: 10/10/2007

-Truss Design Engineer-
James F. Collins Jr.

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

#	Ref	Description	Drawing#	Date
1	48780--F-1		07283014	10/10/07
2	48781--F-2		07283003	10/10/07
3	48782--F-3		07283004	10/10/07
4	48783--F-4		07283005	10/10/07
5	48784--F-5		07283006	10/10/07
6	48785--F-6		07283007	10/10/07
7	48786--F-7		07283008	10/10/07
8	48787--F-8		07283009	10/10/07
9	48788--F-9		07283010	10/10/07
10	48789--F-10		07283015	10/10/07
11	48790--F-11		07283011	10/10/07
12	48791--F-12		07283012	10/10/07
13	48792--F-13		07283016	10/10/07
14	48793--F-14		07283013	10/10/07

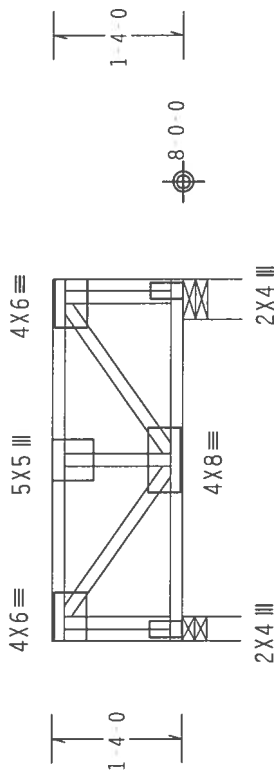


Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

SPECIAL LOADS
--- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 100 PLF at 0.00 to 100 PLF at 3.71
BC - From 10 PLF at 0.00 to 10 PLF at 3.71
TC - 1454 LB Conc. Load at 1.85

Deflection meets L/360 live and L/240 total load.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 14'-0".

18.5" Typ.



3-8-8 Over 2 Supports
R-931 W=3" R-931 W=5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.10(1.25)/0(0)

PLT TYP. Wave	QTY:1	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
	TC LL	40.0 PSF	REF R215 - - 48780
	TC DL	10.0 PSF	DATE 10/10/07
	BC DL	5.0 PSF	DRW HCUSR215 07283014
	BC LL	0.0 PSF	HC-ENG EC/WHK
	TOT.LD.	55.0 PSF	SEQN - 78191
	DUR.FAC.	1.00	FROM LRB
	SPACING	24.0"	JREF - 1TBH215.Z01

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON ROAD, JACKSON, MS 39219) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT UNLESS 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 AND BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (M, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

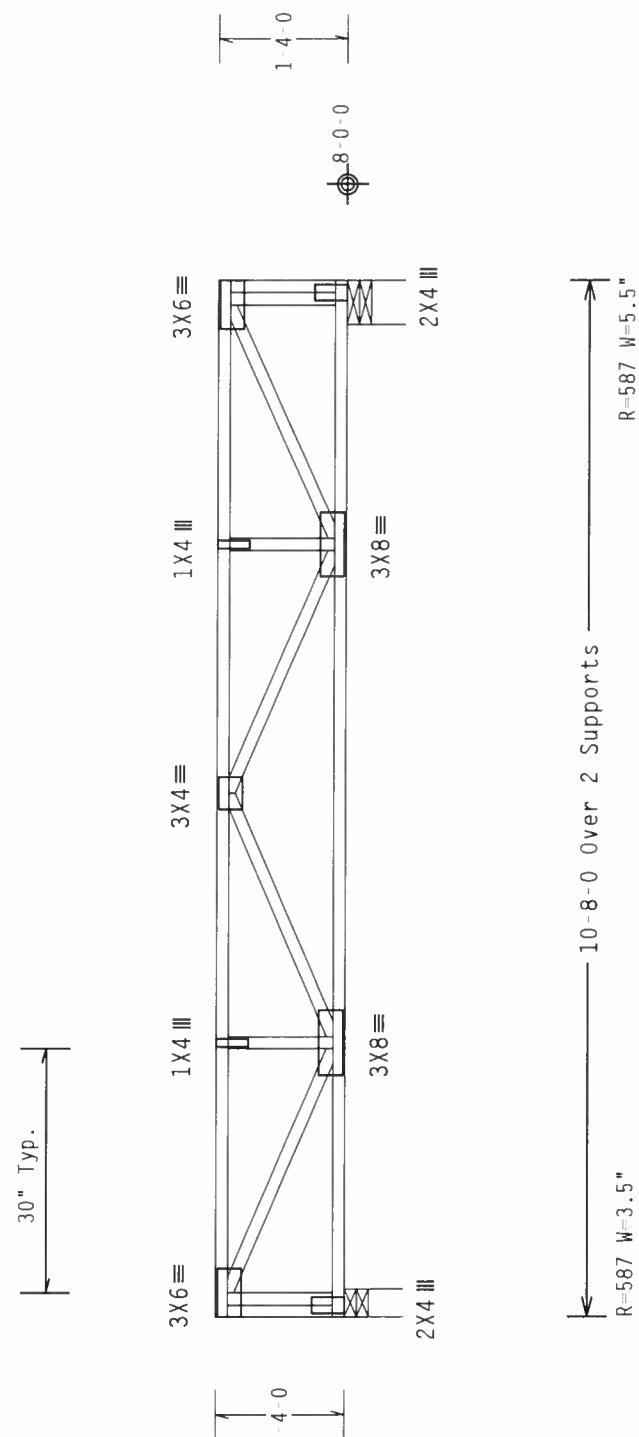
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

See ANSI/TPI 1-02 Sect 7.5 for additional bracing requirements.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 14'-0".

Truss must be installed as shown with top chord up.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

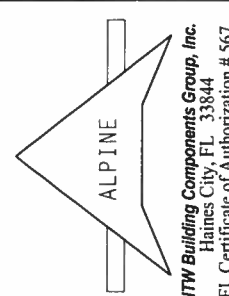
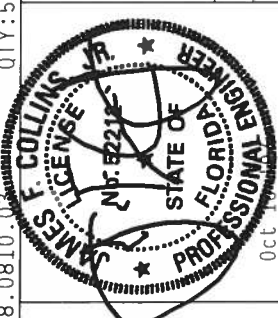
Scale = .5"/Ft.

PLT TYP. Wave	QTY: 5	FL / - / 5 / - / R / -	REF R215 - - 48781
		TC LL 40.0 PSF	DATE 10/10/07
		TC DL 10.0 PSF	DRW HCUSR215 07283003
		BC DL 5.0 PSF	HC-ENG EC/WHK
		BC LL 0.0 PSF	SEQN - 78170
		TOT.LD. 55.0 PSF	FROM LRB
		DUR.FAC. 1.00	JREF - 1TBH215_Z01
		SPACING 24.0"	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 WHEAT STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND WICA (WOOD INSTITUTE, COUNCIL OF AMERICA, 6300 WILSON AVENUE, SUITE 100, WILSON, NJ 07094) FOR ADDITIONAL INFORMATION. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH 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.

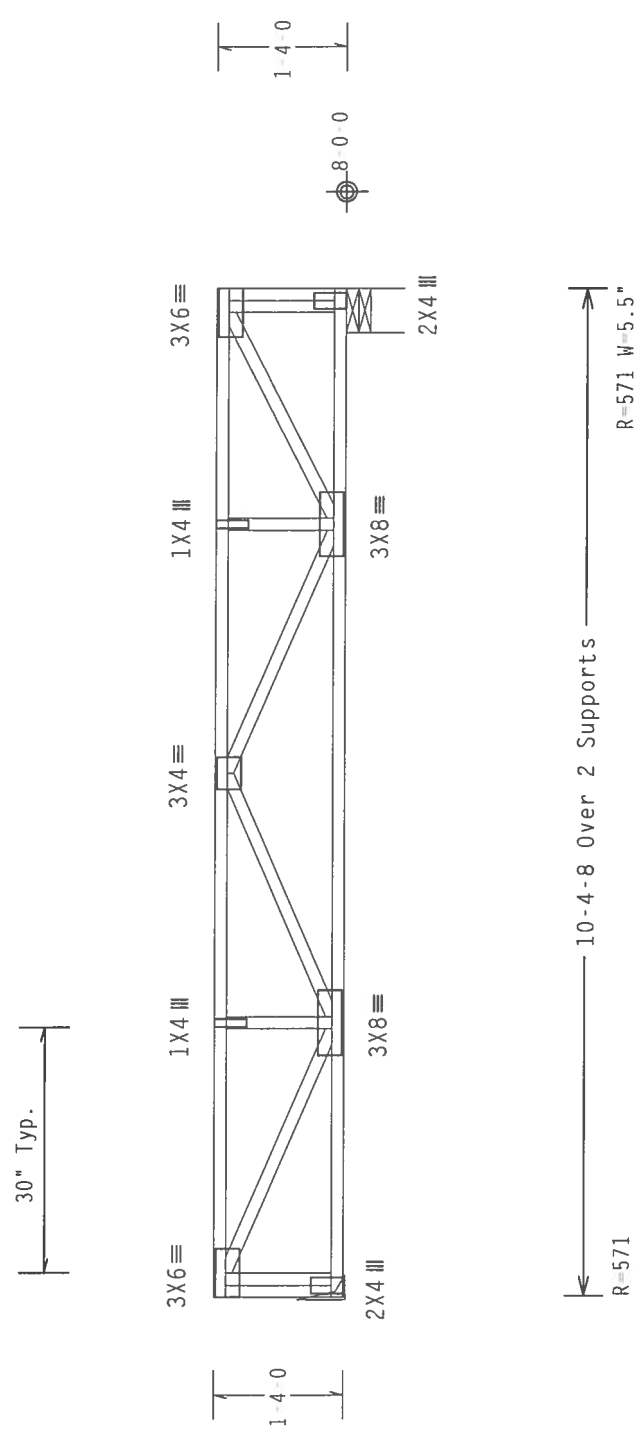
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/55/K) ASTM A653 GRADE 40/60 (M, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 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 4x2 SP #2 N
 Bot chord 4x2 SP #2 N
 Webs 4x2 SP #2 N

Truss must be installed as shown with top chord up.

See ANSI/TPI 1-02 Sect 7.5 for additional bracing requirements.
 Deflection meets L/360 live and L/240 total load.
 The overall height of this truss excluding overhang is 14'-0".



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

7.38.0810.03

QTY: 2

FL / -5 / - / R / -

Scale = .5" / Ft.

REF	R215 - -	48782
DATE	10/10/07	
DRW	HCSR215	07283004
HC - ENG	EC / WHK	
SEQN -	78214	
FROM	LRB	
JREF -	1TBH215	Z01

Design Crit: TPI-2002(STD)/FBC

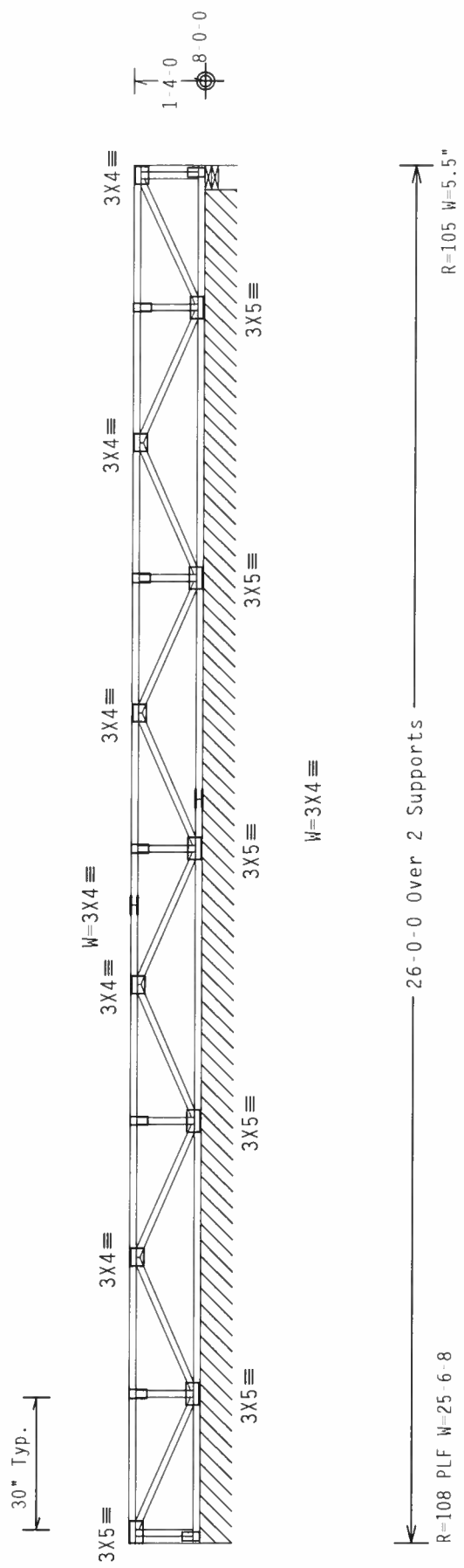
Cq/RT=1.10(1.25)/0(0)

7.38.0810

Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

See ANSI/TPI 1-02 Sect 7.5 for additional bracing requirements.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 1-4-0.

Truss must be installed as shown with top chord up.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.10(1.25)/0(0)

QTY:1

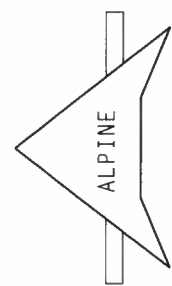
FL/-/5/-/R/-

Scale = .3125"/Ft.

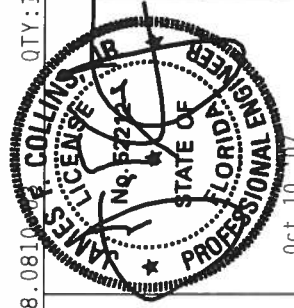
PLT TYP. Wave

****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 STEEL STREET, ALEXANDRIA, VA, 22304) AND AFCA (AMERICAN FABRICATORS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., HADISON, NJ, 07610) FOR TRUSS FABRICATING AND BRACING REQUIREMENTS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION 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 AFPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W. K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS 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 # 567



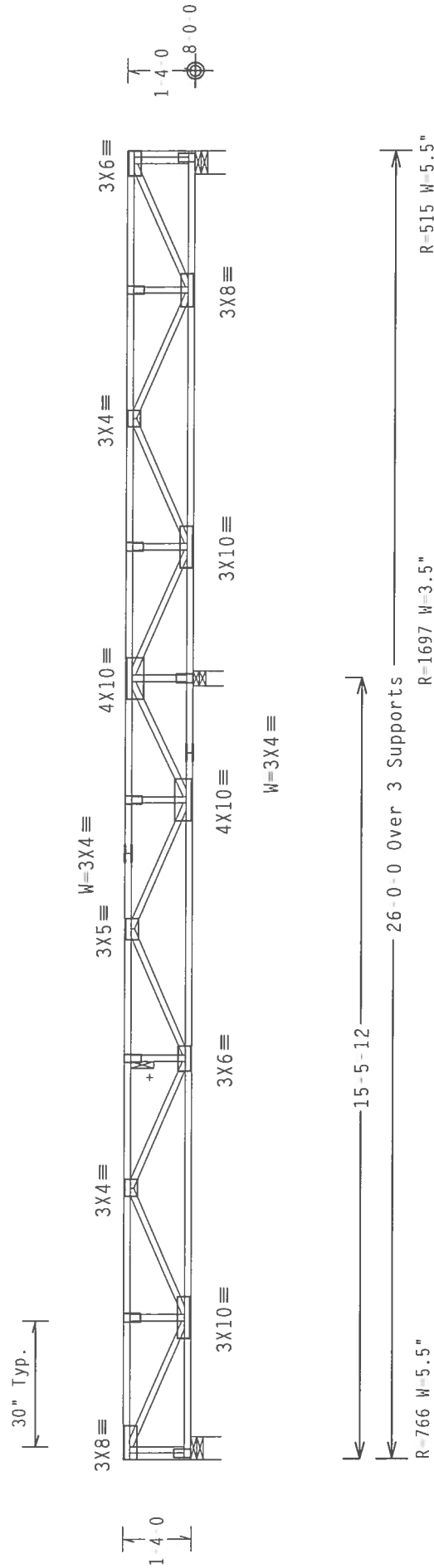
TC LL	40.0 PSF	REF	R215--	48783
TC DL	10.0 PSF	DATE	10/10/07	
BC DL	5.0 PSF	DRW	HCUSR215	07283005
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	55.0 PSF	SEQN-	78167	
DUR.FAC.	1.00	FROM	LRB	
SPACING	24.0"	JREF-	1TBH215_Z01	

+ 2x6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

Deflection meets L/360 live and L/240 total load.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 14.0.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

ITEM	QTY	UNIT	PRICE	TOTAL	DESCRIPTION
1.00	1.00	EA	1.00	1.00	1.00
2.00	1.00	EA	1.00	1.00	2.00
3.00	1.00	EA	1.00	1.00	3.00
4.00	1.00	EA	1.00	1.00	4.00
5.00	1.00	EA	1.00	1.00	5.00
6.00	1.00	EA	1.00	1.00	6.00
7.00	1.00	EA	1.00	1.00	7.00
8.00	1.00	EA	1.00	1.00	8.00
9.00	1.00	EA	1.00	1.00	9.00
10.00	1.00	EA	1.00	1.00	10.00
11.00	1.00	EA	1.00	1.00	11.00
12.00	1.00	EA	1.00	1.00	12.00
13.00	1.00	EA	1.00	1.00	13.00
14.00	1.00	EA	1.00	1.00	14.00
15.00	1.00	EA	1.00	1.00	15.00
16.00	1.00	EA	1.00	1.00	16.00
17.00	1.00	EA	1.00	1.00	17.00
18.00	1.00	EA	1.00	1.00	18.00
19.00	1.00	EA	1.00	1.00	19.00
20.00	1.00	EA	1.00	1.00	20.00
21.00	1.00	EA	1.00	1.00	21.00
22.00	1.00	EA	1.00	1.00	22.00
23.00	1.00	EA	1.00	1.00	23.00
24.00	1.00	EA	1.00	1.00	24.00
25.00	1.00	EA	1.00	1.00	25.00
26.00	1.00	EA	1.00	1.00	26.00
27.00	1.00	EA	1.00	1.00	27.00
28.00	1.00	EA	1.00	1.00	28.00
29.00	1.00	EA	1.00	1.00	29.00
30.00	1.00	EA	1.00	1.00	30.00
31.00	1.00	EA	1.00	1.00	31.00
32.00	1.00	EA	1.00	1.00	32.00
33.00	1.00	EA	1.00	1.00	33.00
34.00	1.00	EA	1.00	1.00	34.00
35.00	1.00	EA	1.00	1.00	35.00
36.00	1.00	EA	1.00	1.00	36.00
37.00	1.00	EA	1.00	1.00	37.00
38.00	1.00	EA	1.00	1.00	38.00
39.00	1.00	EA	1.00	1.00	39.00
40.00	1.00	EA	1.00	1.00	40.00
41.00	1.00	EA	1.00	1.00	41.00
42.00	1.00	EA	1.00	1.00	42.00
43.00	1.00	EA	1.00	1.00	43.00
44.00	1.00	EA	1.00	1.00	44.00
45.00	1.00	EA	1.00	1.00	45.00
46.00	1.00	EA	1.00	1.00	46.00
47.00	1.00	EA	1.00	1.00	47.00
48.00	1.00	EA	1.00	1.00	48.00
49.00	1.00	EA	1.00	1.00	49.00
50.00	1.00	EA	1.00	1.00	50.00
51.00	1.00	EA	1.00	1.00	51.00
52.00	1.00	EA	1.00	1.00	52.00
53.00	1.00	EA	1.00	1.00	53.00
54.00	1.00	EA	1.00	1.00	54.00
55.00	1.00	EA	1.00	1.00	55.00
56.00	1.00	EA	1.00	1.00	56.00
57.00	1.00	EA	1.00	1.00	57.00
58.00	1.00	EA	1.00	1.00	58.00
59.00	1.00	EA	1.00	1.00	59.00
60.00	1.00	EA	1.00	1.00	60.00
61.00	1.00	EA	1.00	1.00	61.00
62.00	1.00				

REF KZ15 - 48/84

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
BY THE DATE SHOWN ON THE DRAWING.
NO 62012 BC DL

ALPINE

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FOLLOWING SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, MAINTENANCE, AND REMOVAL OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER HANDLING, SHIPPING, AND BRACING OF THE TRUSS.

HC-ENG EC/WHK

BC LL 0.0 PSF

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/A), AND TPI:
CONNECTOR PLATES ARE MADE OF 20/18/16GA (40/60 (M, F/H, SS) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS J604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMHX A3 OF TP11-2002 SEC.3. A SEAL ON THIS

EDOM	1	00
EDOM	EAC	
EDOM	1	00
EDOM	EAC	

[illegible]

FL Certificate of Authorization # 567

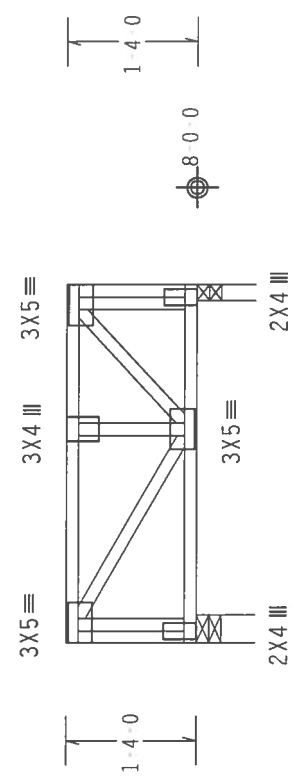
Top chord 4x2 SP #2 Dense
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 100 PLF at 0.00 to 100 PLF at 3.67
BC - From 10 PLF at 0.00 to 10 PLF at 3.67
TC - 571 LB Conc. Load at 0.56, 2.56

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

Deflection meets L/360 live and L/240 total load.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.

22.5" Typ.



3-8-0 Over 2 Supports
R-888 W=3.5" R=658 W=2"

PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.10(1.25)/0(0)

7.38.0810

Scale = .5" / Ft.

TC LL	40.0 PSF	REF R215--	48785
TC DL	10.0 PSF	DATE	10/10/07
BC DL	5.0 PSF	DRW	HCUSR215 07283007
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	55.0 PSF	SEQN-	78251
DUR.FAC.	1.00	FROM	LRB
SPACING	24.0"	JREF-	1TBH215_Z01

QTY:1

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

Oct 10 '07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER OF THIS TRUSS SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL FOLLOW THE INSTRUCTIONS AND BRACING REQUIREMENTS OF THE TRUSS MANUFACTURER. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL FOLLOW THE INSTRUCTIONS AND BRACING REQUIREMENTS OF THE TRUSS MANUFACTURER.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

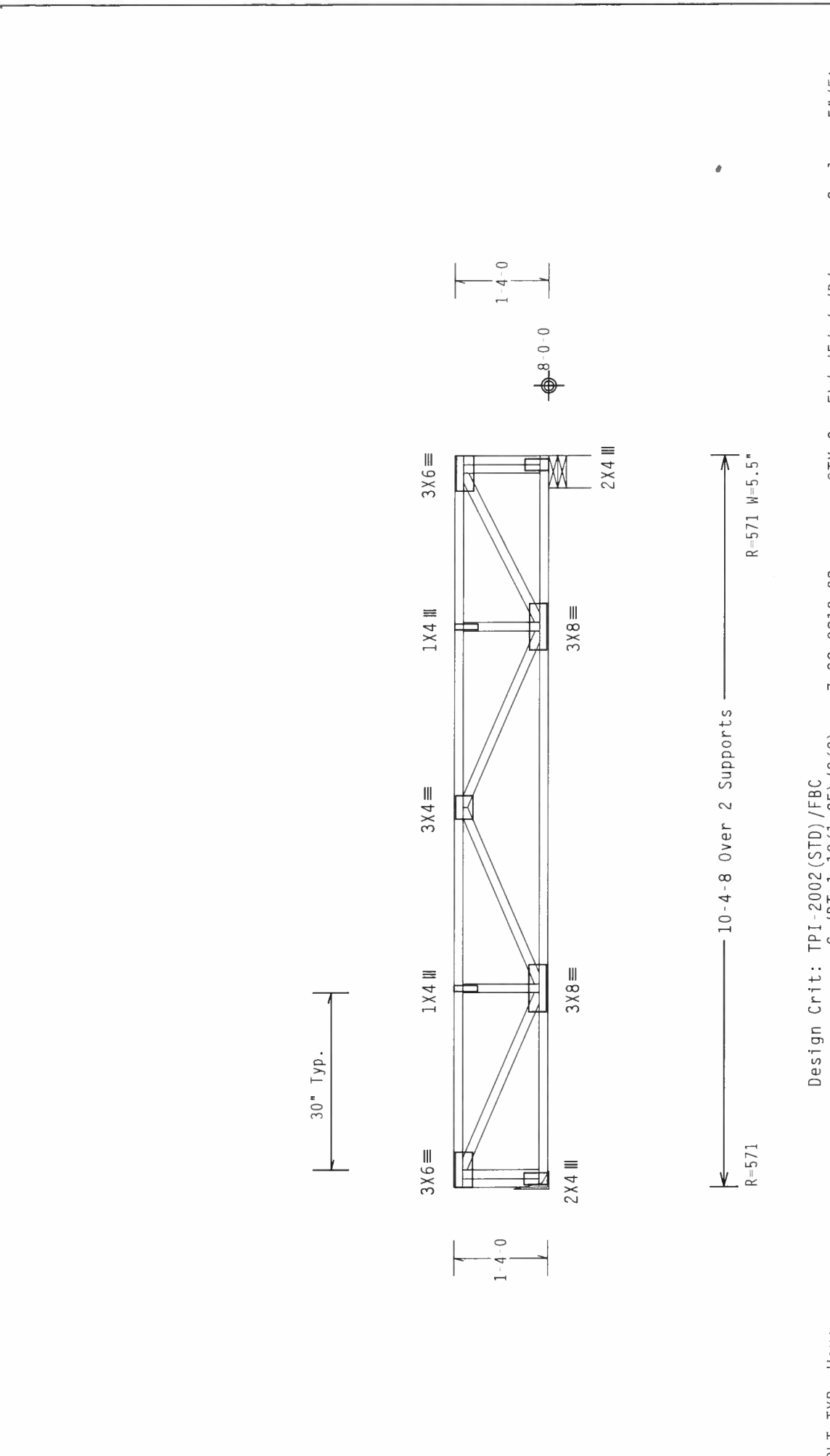
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 70/10/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. 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 MANUFACTURED BY THE BCG, INC. AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS
LICENSE
No. 82212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

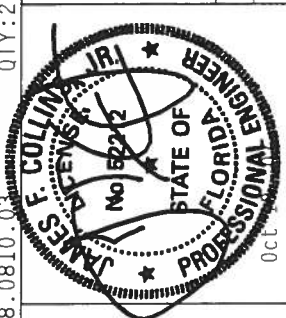
Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

See ANSI/TPI 1-02 Sect 7.5 for additional bracing requirements.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 1-4-0.

Truss must be installed as shown with top chord up.



PLT TYP. Wave	QTY: 2	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
REF R215 - - 48786	TC LL	40.0 PSF	
DATE 10/10/07	TC DL	10.0 PSF	
DRW HCUSR215 07283008	BC DL	5.0 PSF	
HC-ENG EC/WHK	BC LL	0.0 PSF	
SEQN - 78196	TOT.LD.	55.0 PSF	
FROM LRB	DUR.FAC.	1.00	
JREF - 1TBH215_Z01	SPACING	24.0"	



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 HILLCREST LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

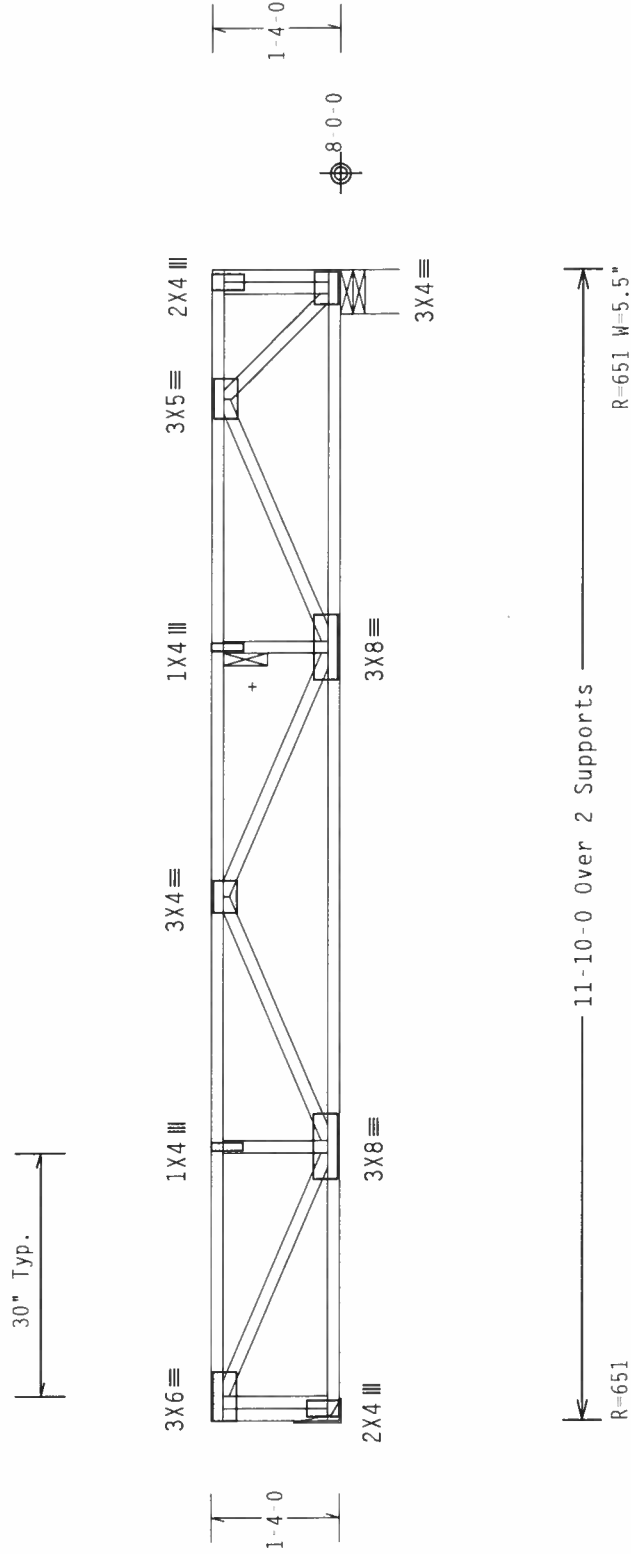
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CORRELATOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (M, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-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.

+ 2x6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

Deflection meets L/360 live and L/240 total load.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



Design Crit: TPI-2002(STD)/FBC

QTY:2 FL/-/5/-/-/R/-/-
Scale =.5"/Ft.

7 38 0810-6811-25

 $C_d/RT=1-10(1-25)/0(0)$

PIT TYPE Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, 5300 OLD FARM ROAD, HANNOVER, MI 48031) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

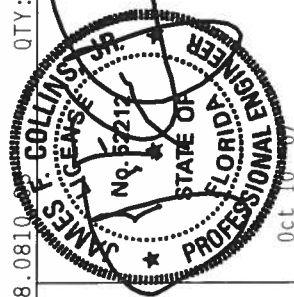
****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR FOR THE TRUSS INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTIONS WITH ANCHORAGE AND MOVEMENT OF JOISTS (NATIONAL SPECIFICATION) DESIGN TO BE BY ACPA AND TPI. THE BCG SHALL PROVIDE ALL NECESSARY INFORMATION TO THE DESIGNER REGARDING THE DESIGN OF THE CONNECTIONS.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING'S LEGEND 2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN A3 OF TPI 2002 SECTION 3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSSES COMPONENTS OF THE BUILDING. THE DESIGNER SHALL BE RESPONSIBLE FOR THE ENTIRE PROJECT AND THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERICAN A3 OF TPI 2002 SECTION 2.

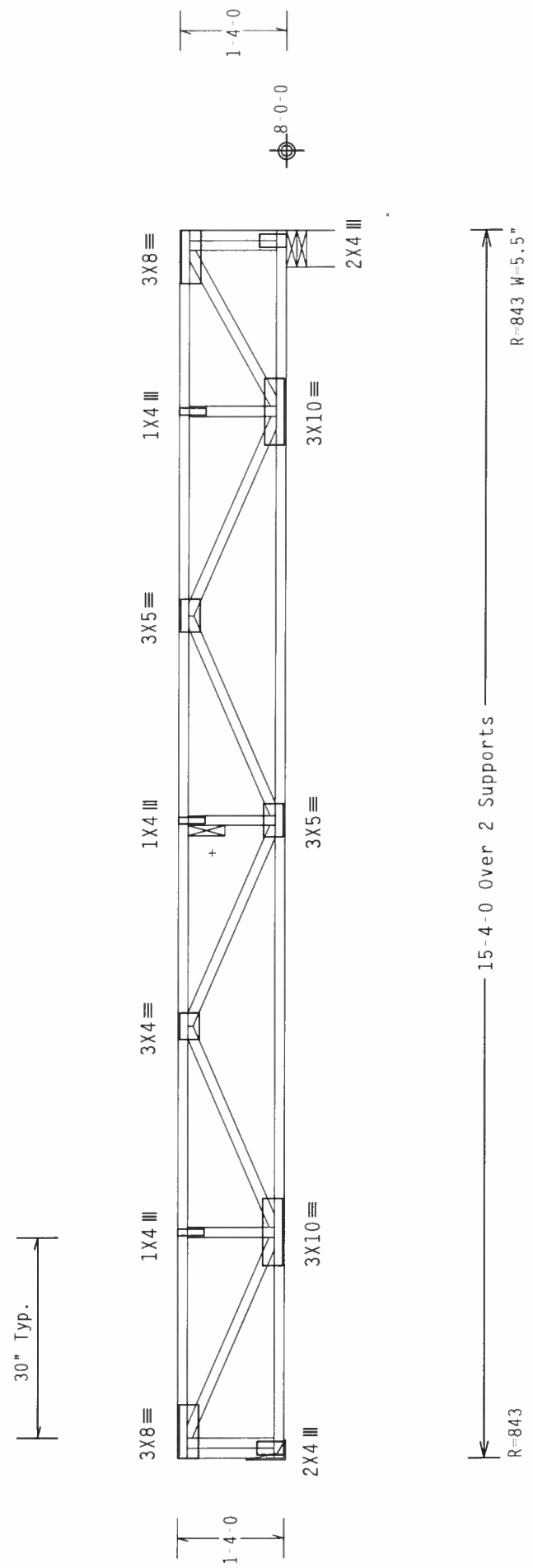


TC LL	40.0 PSF	REF	R215 - 48787
TC DL	10.0 PSF	DATE	10/10/07
BC DL	5.0 PSF	DRW	HCUSR215 07283009
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	55.0 PSF	SEQN-	78219
DUR.FAC.	1.00	FROM	LRB
SPACING	24.0"	JREF-	1TBH215 Z01

Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

Truss must be installed as shown with top chord up.

+ 2x6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 1'-4".

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Cq}/\text{RT}=1.10(1.25)/0$

PLT TYP. Wave



ALPINE

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

FL Certificate of Authorization # 567

design crit. IPI-2002(SID)/FBC

Cq/RT=1.10(1.25)/0(0) **7.38.0810** **QTY:2** **FL/-/5/-/-R/-** **Scale =.5"/Ft.**

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES 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. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY OVERSIGHTS OR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI REQUIREMENTS. FURNISH THE FOLLOWING INFORMATION TO THE INSTALLATION CONTRACTOR:

1. TRUSS MANUFACTURING SHIPMENT AND DELIVERY INFORMATION

2. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. (BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/155/PA) ASTM A653 GRADE 40/60 (W. K/10/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE ANNOTED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHER A3 OF IPI1-2002 SEC.3. **1TH BCG**

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 ANS1/TPI 1 SEC. 2.

JAMES F. COLLINS JR.
STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 82247
Oct 10/2007

TC LL	40.0 PSF	REF	R215 --	48788
TC DL	10.0 PSF	DATE	10/10/07	
BC DL	5.0 PSF	DRW	HCUSR215	07283010
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	55.0 PSF	SEQN-	78201	
DUR.FAC.	1.00	FROM	LRB	
SPACING	24.0"	JREF-	1TBH215	Z01

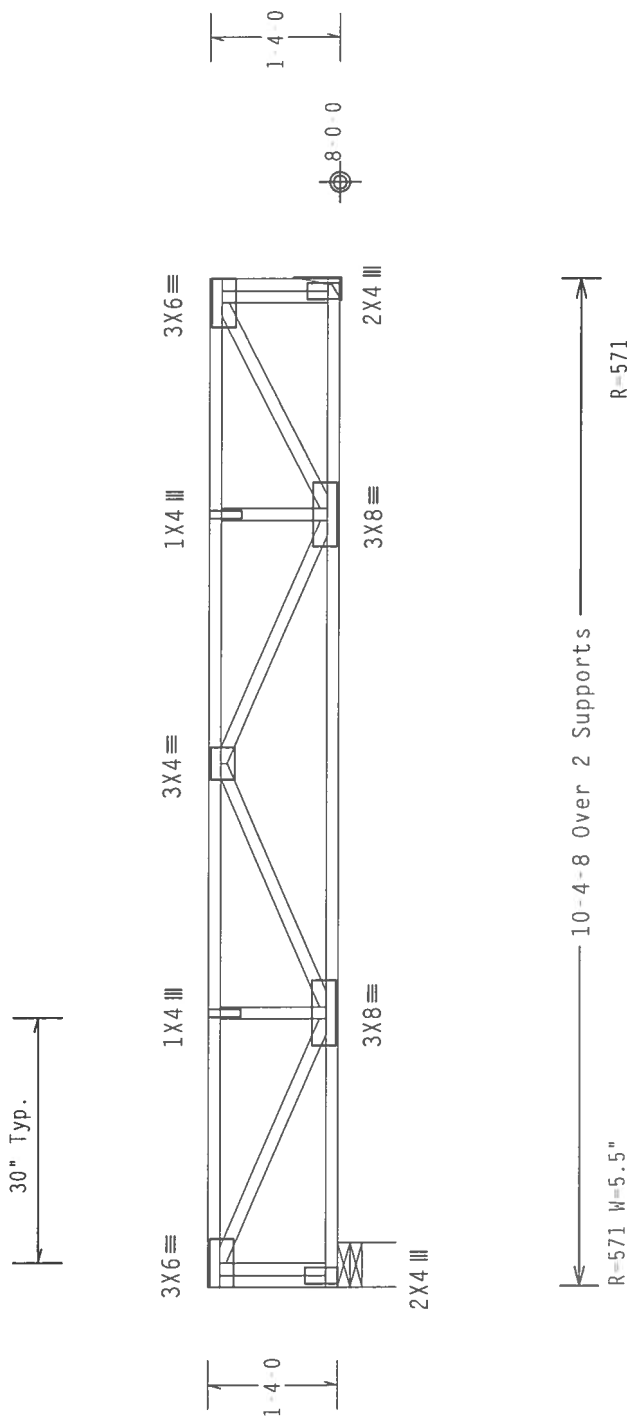
Top chord 4x2 SP #2 N
Bot chord 4x2 SP #2 N
Webs 4x2 SP #2 N

See ANSI/TPI 1-02 Sect 7.5 for additional bracing requirements.

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 14'0".

Truss must be installed as shown with top chord up.



PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

Cg/RT=1.10(1.25)/0(0) 7.38.0810

QTY: 1

FL / - / 5 / - / R / -

Scale = .5" / Ft.

TC LL	40.0 PSF	REF	R215 -	48790
TC DL	10.0 PSF	DATE	10/10/07	
BC DL	5.0 PSF	DRW	HCUSR215	07283011
BC LL	0.0 PSF	HC	ENG EC / WHK	
TOT. LD.	55.0 PSF	SEQN	78176	
DUR. FAC.	1.00	FROM	LRB	
SPACING	24.0"	JREF	1TBH215_Z01	

ALPINE

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

FL Certificate of Authorization # 567

JAMES F. COLLINS
FLORIDA PROFESSIONAL ENGINEER
No. 52272
Oct 10 2007

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WOODHURST DRIVE, SUITE 100, WOODHURST, CA 94598) FOR PRACTICES FOR PENETRATING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/55/K) 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.

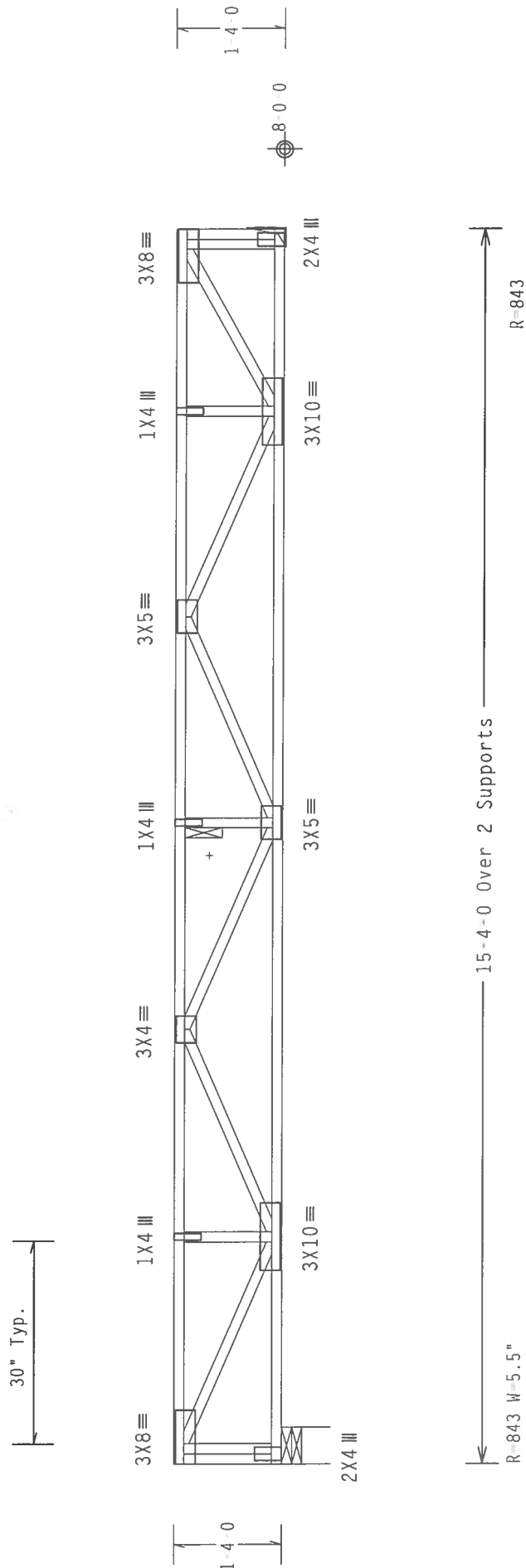
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

+ 2x6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

Deflection meets L/360 live and L/240 total load.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 14.0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Ca/RT=1.10(1.25)/0(0)	7.38.0810
1.1002(310)/1.00	

QTY:1 FL/-15/-1-1R/-

Scale = 5" / Ft.

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THUSSES MUST BE PROPERLY SUPPORTED AND BRACED TO PREVENT BUCKLING. CONTACT THE THUSS PLATE INSTITUTE, 240 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VICTOR THUSS COMPANY, 10001 WILSON AVENUE, ENTERPRISE LAKE, 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 RIGID CEILING.

TC LL	40.0	PSF	REF R215 - - 48791
TC DL	10.0	PSF	DATE 10/10/07
BC DL	5.0	PSF	DRW HCUSR215 07283012
BC LL	0.0	PSF	HC-ENG EC/WHK
TOT.LD.	55.0	PSF	SEQN- 78174
DUR.FAC.	1.00		FROM LRB
SPACING	24.0"		JREF- 1TBH215 Z01

Oct 10 '07

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top	chord	4x2	SP	#2	N
Bot	chord	4x2	SP	#2	N
	webs	4x2	SP	#2	N

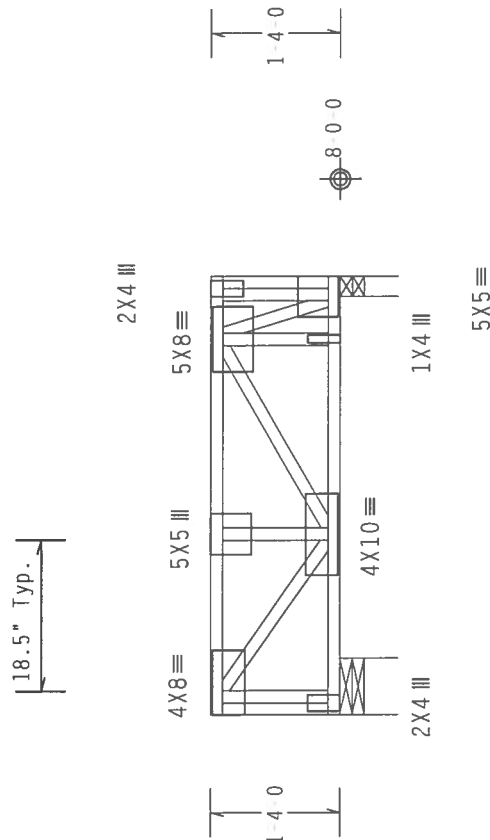
Deflection meets L/360 live and L/240 total load.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 14.0.

SPECIAL LOADS

	(LUMBER	DUR.FAC.	1.00	/	PLATE	DUR.FAC.	1.00)
8C	From	100 PLF at	0.00	to	100 PLF at	4.50	
8C	From	10 PLF at	0.00	to	10 PLF at	4.50	
8C	1454 LB Conc.	Load at	1.85,		3.85,		



← 4-6-0 Over 2 Supports →

R=1284 W=7" R=2119 W=25"

Design Crit: TPI-2002(STD)/FBC

PLOT TYPE - Wave

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

QTY:1

03

7.

$$Cq/RT = 1.10(1.25)/0(0)$$

5
-
5
= 7
-
7
5
5

ve

yp.

PLT

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. ALLER TO BECS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IFC (IRONS PLATE INSTITUTE), 210 NORTH LEE STREET, LITTLE ROCK, AR 72203, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), INC., 530 NORTH LEE STREET, LITTLE ROCK, AR 72203, FOR TRUSSING PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

Top chord 4x2 SP SS
Bot chord 4x2 SP SS
Webs 4x2 SP #2 N

+ 2x6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

Deflection meets L/360 live and L/240 total load.

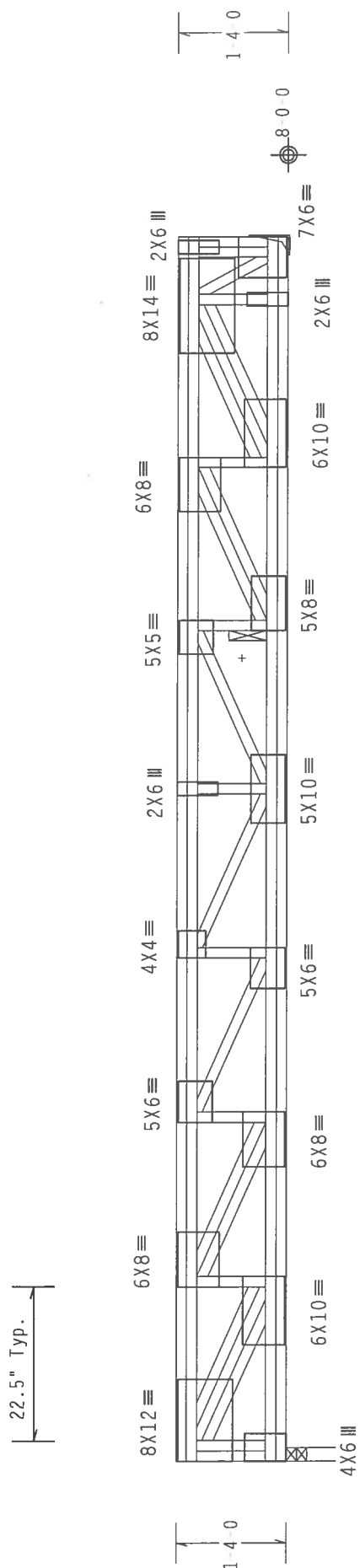
Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 14'0".

SPECIAL LOADS

(LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 100 PLF at 0.00 to 100 PLF at 14.96
BC - From 10 PLF at 0.00 to 10 PLF at 14.96
TC - 651 LB Conc. Load at 1.52, 3.52, 5.52, 7.52, 9.52
11.52, 13.52

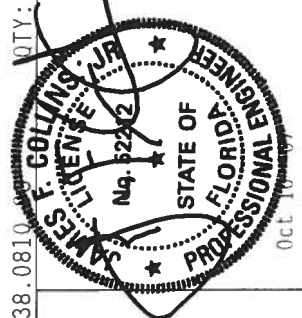
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.



14-11-8 Over 2 Supports
R=3070 W=2"
R=3132

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.10(1.25)/0(0) 7.38.0810

QTY: 1	FL: -5/-1-R/	Scale = .5"/Ft.
TC LL	40.0 PSF	REF R215 - 48793
TC DL	10.0 PSF	DATE 10/10/07
BC DL	5.0 PSF	DRW HCUSR215 07283013
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	55.0 PSF	SEQN - 78227
DUR.FAC.	1.00	FROM LRB
SPACING	24.0"	JREF - 1TBH215_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSEI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD INSTITUTE, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD, ALL MEMBERS 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING DUE TO THE TRUSS BEING USED IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W-11/55/K) ASTM A653 GRADE 40/60 (M, K/H-55) 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 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

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

FL Certificate of Authorization # 567



**NICHOLAS
PAUL
GEISLER
ARCHITECT**
N.C.A.R.B. Certified

■ 1758 NW Brown Road
■ Lake City, FL 32055
■ 386/755-9021

24 OCTOBER 2001

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: GYNN RESIDENCE
PERMIT Nr.: _____

DEAR SIR:

PLEASE BE ADVISED OF THE FOLLOWING CLARIFICATIONS TO THE
CONSTRUCTION DOCUMENTS FOR THE ABOVE REFERENCED PROJECT:

1. THE CENTER GIRDER AT THE FLOOR FRAMING SHALL BE A MINIMUM OF 5
2X12 MEMBERS, LAMINATED TOGETHER W/ 20d NAILS AT 26" O.C.
STAGGERED TOP AND BOTTOM OF BEAM, EACH PLY. STAGGER BUTT
JOINTS A MINIMUM OF 36" ONE PLY TO ANOTHER.
2. HANGERS FOR FLOOR JOISTS AT RIM JOIST AND CENTER GIRDER SHALL
BE "SIMPSON" LUS210.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR
ASSISTANCE.

YOURS TRULY
NICHOLAS PAUL GEISLER, ARCHITECT AR0001005