

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:ITEC8228Z0323084302

26320

Truss Fabricator: Anderson Truss Company

Job Identification: REPAIR/7-140B

Truss Count: 5

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002(STD)/FBC;FBC2004

Engineering Software: Alpine Software, Versions 7.38, 7.40.

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: HCUSR8228

Details: BRCLBSUB-

Seal Date: 01/23/2008

-Truss Design Engineer-
Doug Fleming

Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	30793--C1		08022047	01/22/08
2	30793--C3		08022011	01/22/08
3	30793--C4		08022010	01/22/08
4	30793--B4		08022049	01/22/08
5	30793--B3		08022009	01/22/08

Repair Charge: \$123.75 per Customer Agreement.
Amount to be invoiced separately.



This truss is repaired to extend bottom chord 0-8-0 on the right end and stub truss 0-8-0 on left end as shown.

Refer to drawing HCUSR8228 07353141 (C1)

for plates and other data not given here.

Repair(s) must comply with Alpine designs & specifications

Shore Truss and any supported spans in proper position as repair is being made.

** Field applied spider jack,

(2) - 2X6X(6-4-0) SP #2 DENSE OR BETTER SCABS.

to each outer face of chord with 1-Row of

10d(0.148"X3.0") COMMON NAILS @ 4.0" O.C.

(2) - 2X4X(4-0-0) SP #2 OR BETTER SCABS.

ATTACH EACH SCAB TO FACE OF THE VERTICAL,

SNUG AND TIGHT AGAINST 2X4 SCAB WITH 1-R

10d(0.148"x3.0") COMMON NAILS @ 4.0" O.C.

(G2) 3/4" Gusset Plates are C-D EXT APA RATED 40/20

SHEATHING, (Plywood or OSB). Apply gusset to on top of (**) field scabs with evenly distributed

to on top of (***) field scabs with evenly distributed

6d_common_or_gun_(0.113"x2.0",_min.)_nails in 1-row @ 2 0"oc

++ USE A SHARP METAL CUTTING SAW BLADE TO CAREFULLY REMOVE MATERIAL FROM THE TRUSS AS SHOWN. REMAINING PORTIONS OF TRUSS AND ALPINE PLATES MUST BE FREE FROM DAMAGE AND FULLY EMBEDDED INTO TRUSS MEMBERS.

(G1) 3/4" Gusset Plates are C-D EXT APA RATED 40/20

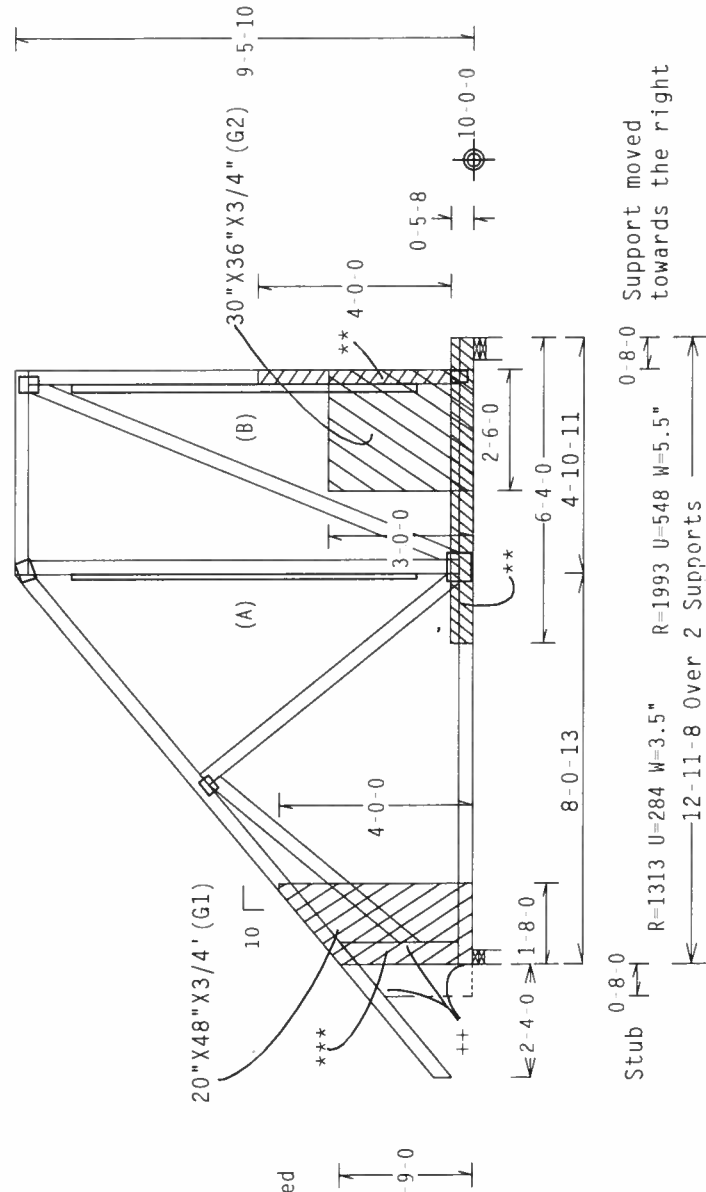
SHEATHING, (Plywood or OSB). Apply gusset to each face of truss and attach with evenly distributed 6d Common or Gun (0.13"x2.0", min.) nails in 1-row @ 2.0" oc throughout chords, webs and new field(**), (***) applied members.

*** (1) - 2X6X(SCRIBE TO CUT FOR TIGHT FIT) SP #2 OR

BETTER FIELD APPLIED MEMBER, in plane with

truss. Note: New (1)-One new 2x6 field applied

vertical web.



0.8-0 stubs

R=1313 U=284 W=3.5"

10 11 00

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

7.38.08

4.5.0

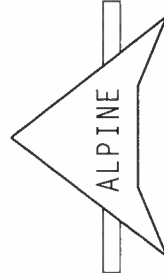
FL/-/4/-/-/R/F

Scale = .25"/Ft.

TRUSS REPAIR

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD TRUSS DAMAGE AND EXCESSIVE CONNECTION STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE, IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REPLACE.

REPAIR WORK SHOWN ON THIS DRAWING APPLIES ONLY TO THOSE SECTIONS OF THE TRUSS REPORTED BY THE TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. A QUALIFIED THIRD PARTY INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE, IF ANY, AND VERIFY THAT REPAIRS HAVE BEEN PERFORMED AS INDICATED ON THIS DRAWING.



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

FL Certificate of Authorization # 0 278

TC LL	20.0 PSF	REF	R8228- 30793
TC DL	10.0 PSF	DATE	01/22/08
BC DL	10.0 PSF	DRW	HCUR8228 08022047
BC LL	0.0 PSF	HC-ENG DAL/DF	
TOT.LD.	40.0 PSF	SEQN-	1023 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF- 1TEC8228Z03	

This truss is repaired for right support moving 0-8-0 towards the right and to stub truss 0-8-0 on left end as shown.

Refer to drawing HCUSR8228 07353178 (C3)

for plates and other data not given here.

Repair(s) must comply with Alpine designs & specifications

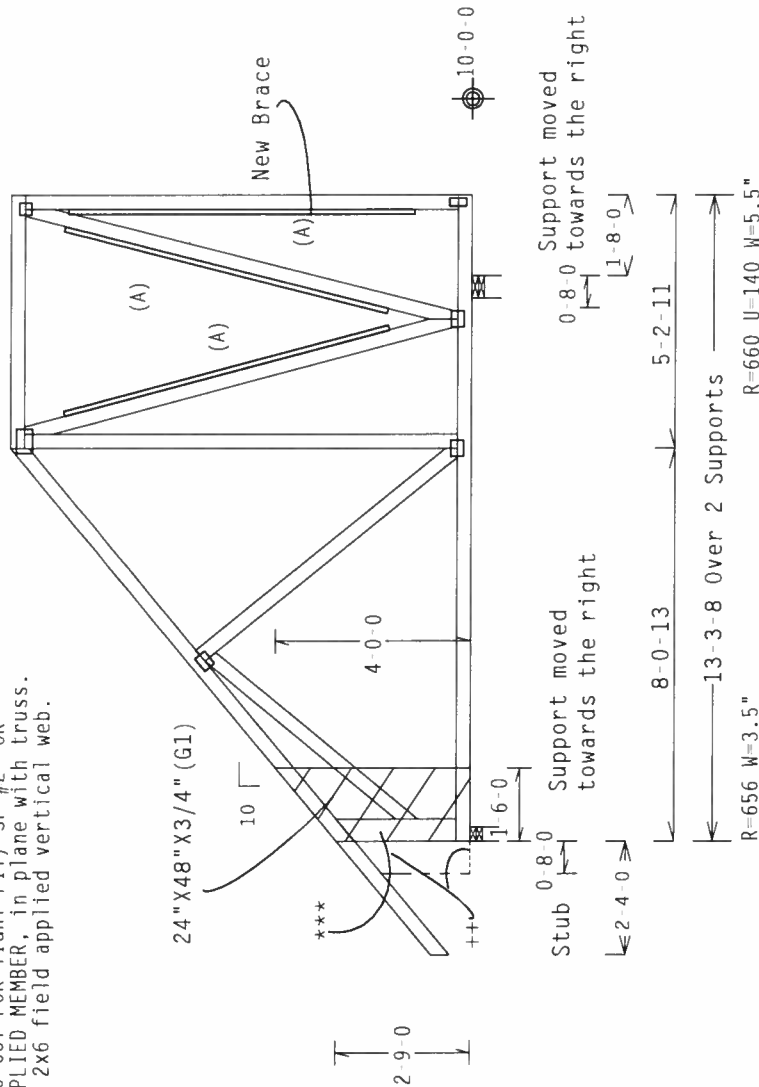
Shore Truss and any supported spans in proper position as repair is being made.

++ USE A SHARP METAL CUTTING SAW BLADE TO CAREFULLY REMOVE MATERIAL FROM THE TRUSS AS SHOWN. REMAINING PORTIONS OF TRUSS AND ALPINE PLATES MUST BE FREE FROM DAMAGE AND FULLY EMBEDDED INTO TRUSS MEMBERS.

*** (1) - 2X6X (SCRIBE TO CUT FOR TIGHT FIT) SP #2 OR BETTER FIELD APPLIED MEMBER, in plane with truss.
Note: New (1) - One new 2x6 field applied vertical web.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

(G1) 3/4" Gusset Plates are C-D EXT APA RATED 40/20 SHEATHING, (Plywood or OSB). Apply gusset to each face of truss and attach with evenly distributed 6d Common or Gun (0.113"x2.0", min.) nails in 1-row @ 2.0" OC throughout chords, webs and new field (***) applied members.



Design Crit: TPI-2002(STD)/FBC

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

7.38.08

QTY: 1

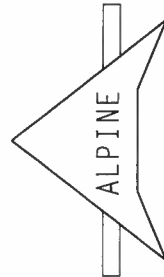
FL/-4/-/-R/F

Scale = .25"/Ft.

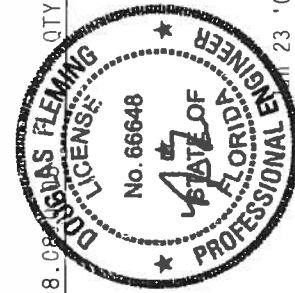
TRUSS REPAIR

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PROPER SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE, IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD.

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FL Certificate of Authorization # 0278



7.38.08

QTY: 1

FL/-4/-/-R/F

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R9228- 30793
TC DL	10.0 PSF	DATE	01/22/08
BC DL	10.0 PSF	DRW	HCUSR8228 08022011
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	1032 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1TEC8228Z03

This truss is repaired to extend bottom chord 0-8-0 on the right end and stub truss 0-8-0 on left end as shown.

Refer to drawing	HCUSR8228	07353173	(C4)
drawing	HCUSR8228	07353177	(C2)

for plates and other data not given here.

Repair(s) must comply with Alpine designs & specifications

Shore Truss and any supported spans in proper position as repair is being made.

*** (1) 2X6X(SCRIBE TO CUT FOR TIGHT FIT) SP #2 OR

BETTER FIELD APPLIED MEMBER, in plane with truss.
Note: New (1) - One new 2x6 field applied vertical web.

++ USE A SHARP METAL CUTTING SAW BLADE TO CAREFULLY REMOVE MATERIAL FROM THE TRUSS AS SHOWN. REMAINING PORTIONS OF TRUSS AND ALPINE PLATES MUST BE FREE FROM DAMAGE AND FULLY EMBEDDED INTO TRUSS MEMBERS.

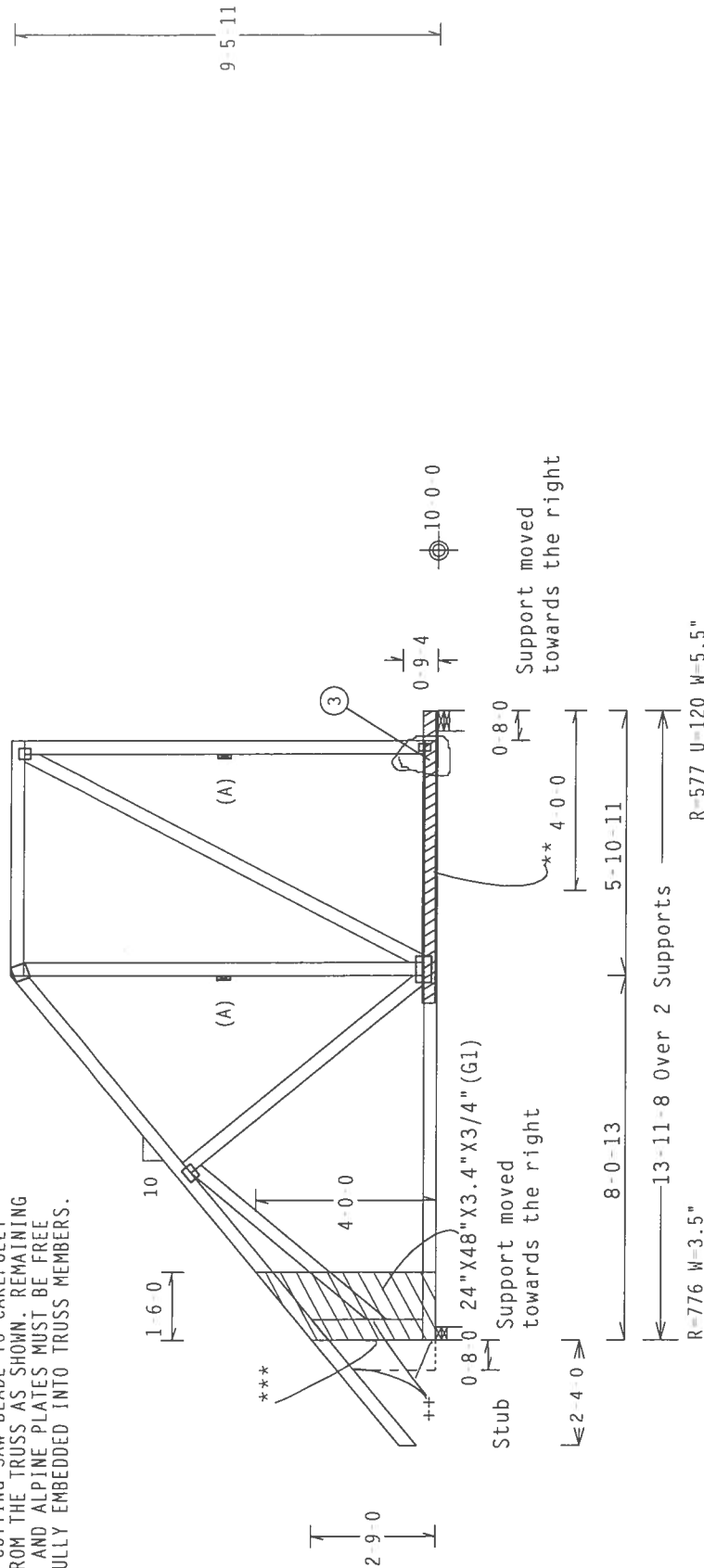
(A) Continuous lateral bracing equally spaced on member.

(G1) 3/4" Gusset Plates are C-D EXT APA RATED 40/20

SHEATHING, (Plywood or OSB). Apply gusset to each face of truss and attach with evenly distributed 6d Common or Gun (0.113"x2.0", min.) nails in 1 row @3.0"oc throughout chords, webs and new field (***) applied members.

** (2) - 2X4X(6-6-0) SP #2 OR BETTER SCABS.

ATTACH EACH SCAB TO FACE OF THE BOTTOM CHORD, WITH 1-ROW OF 10d(0.128"x3.0") COMMON NAILS @ 4.0" O.C. offset row from opposing faces to prevent splits. In addition, (3) each 10d Box (0.128"x3.0", min.) nails near right as shown circled.



Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0) \quad 7.38.0810$

Scale = .25"/ft.

FL/-/4/-/-/R/F

TRUSS REPAIR

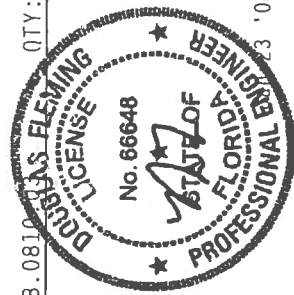
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JREF- 1TEC8228Z03

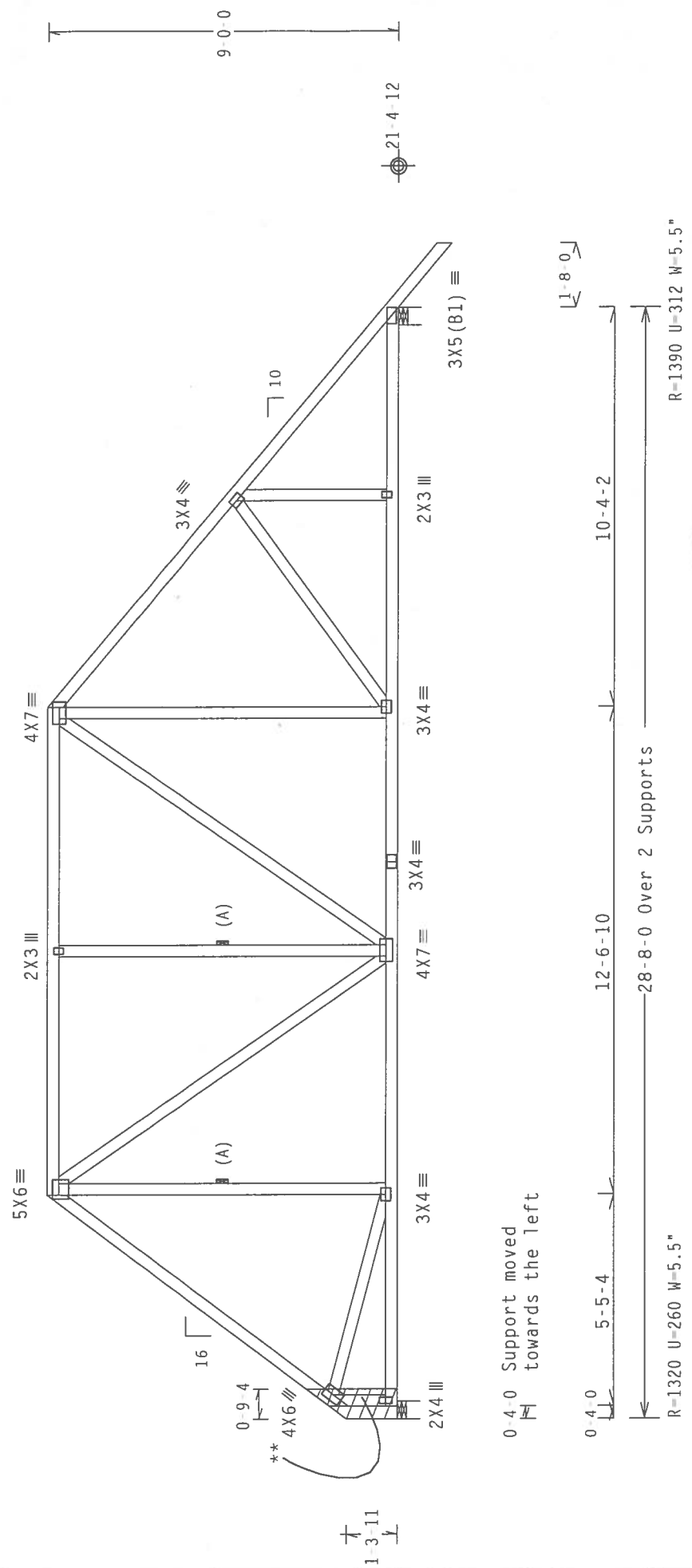
This truss is repaired for left support moving 0-4-0 towards the left as shown.
Refer to drawing HCUSR8228 07353103 for plates and other data not given here.

Repair(s) must comply with Alpine designs & specifications

Shore Truss and any supported spans in proper position as repair is being made.

(A) Continuous lateral bracing equally spaced on member.

** (2) 2X10X (Profile cut to fit tight) SP #2 OR BETTER SCABS. ATTACH EACH SCAB TO FACE OF THE VERTICAL AND TOP AND BOTTOM CHORD, SNUG AND TIGHT AGAINST SUPPORT WITH 1-ROW OF 10d (0.128"x3.0") COMMON NAILS @ 2.5" O.C.



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



TRUSS REPAIR

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE, IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD.

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PLT TYP. Wave	Scale = .25" / Ft.
QTY: 1	FL / - / 4 / - / - / R / F
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R8228- 30793
DATE	01/22/08
DRW	HCUSR8228 08022049
HC-ENG	DAL/DF
SEQN-	1049
REV	
JREF-	1TEC8228Z03

This truss is repaired for extend bottom chord 0-4-0 on the left end of truss as shown.

Refer to drawing HCUSR8228 07353093 (B3)

for plates and other data not given here.

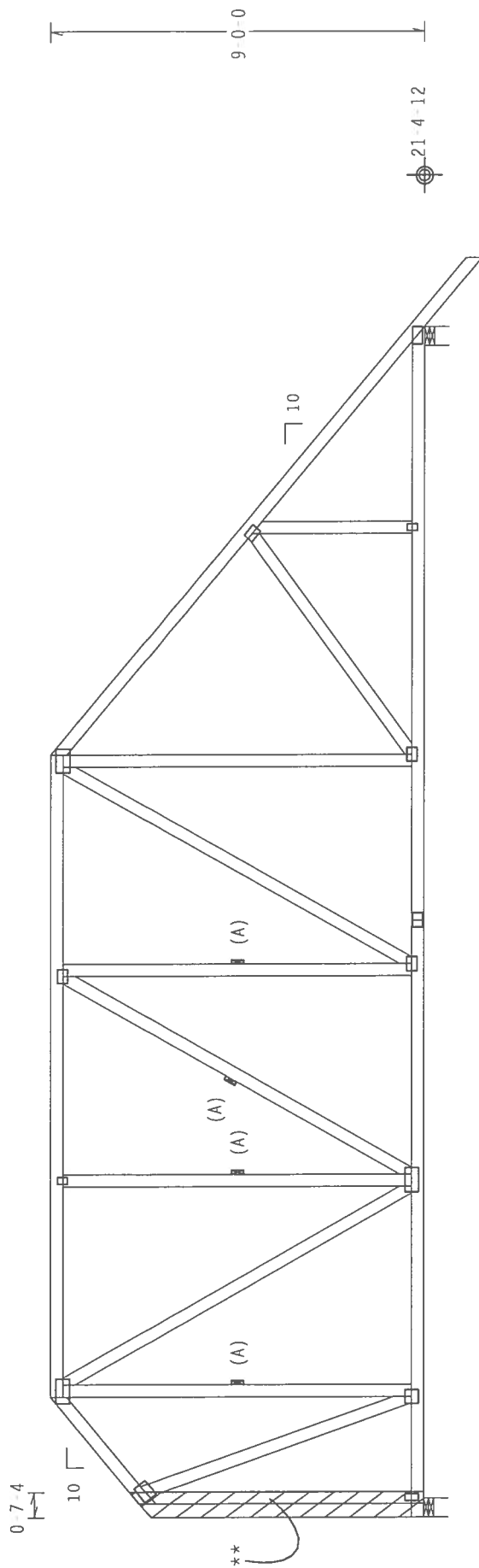
Repair(s) must comply with Alpine designs & specifications

Shore Truss and any supported spans in proper position as repair is being made.

(A) Continuous lateral bracing equally spaced on member.

2X8X(Profile cut to fit tight) SP #2 OR BETTER SCABS.

ATTACH EACH SCAB TO FACE OF THE VERTICAL
BOTTOM CHORD, SNUG AND TIGHT AGAINST SUPPORT WITH 1-ROW OF
10d(0.148"x3.0") COMMON NAILS @ 4.0" O.C.



0-4-0 N Support moved towards the left

15-5-2

10-4-2

180

-28-8-0 Over 2 Supports

R=1235 U=311 W=5.5"

RL=154/ 278

R-1348 U-289 W-5.5"

Design Crit: FBC2004

 $Cq/RT=1.00(1.25)/10(0)$ 7.40.112

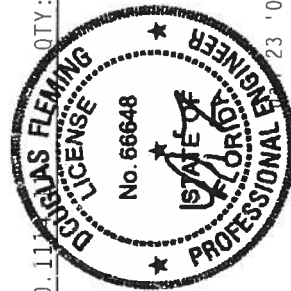
FL/-/4/-/-/R/F

Scale = .25"/Ft.

TRUSS REPAIR

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SPACING 24.0"

REF - 1TEC8228Z03

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

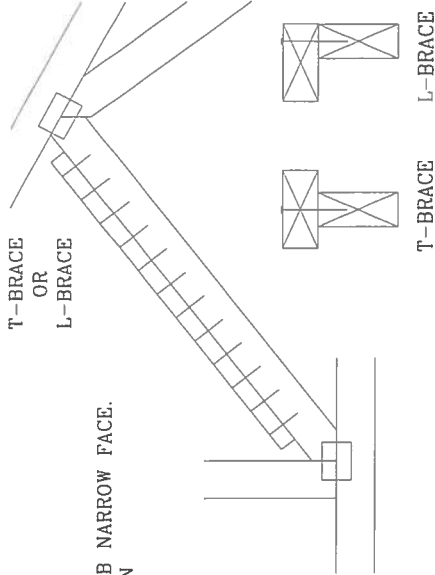
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

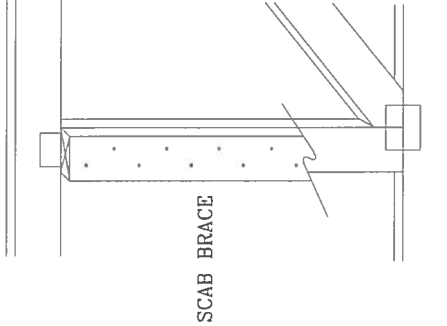
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3", MIN) NAILS.
AT 6" O.C. BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH

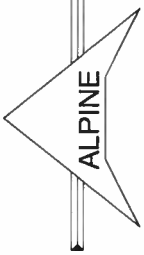


SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3", MIN) NAILS.
AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579.640



ALPINE

IT/ BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

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 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 TRUSSES 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 2018/16GA (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 DRAWING, PER EACH FACE OF TRUSS. 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.

THIS DRAWING REPLACES DRAWING 579.640

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCILBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

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: ITEE8228Z0223131213

26320

Truss Fabricator: Anderson Truss Company
Job Identification: 7-140B--Isaac Construction Jeremy Cady -- , **
Truss Count: 3
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
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: HCUSR8228

Details: -

#	Ref	Description	Drawing#	Date
1	42556--A11X		08023011	01/23/08
2	42557--A12X		08023012	01/23/08
3	42558--A13X		08023013	01/23/08

Seal Date: 01/23/2008

-Truss Design Engineer-
Doug Fleming

Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844



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

110 mph wind, 17.47 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpl(1/-)=0.18

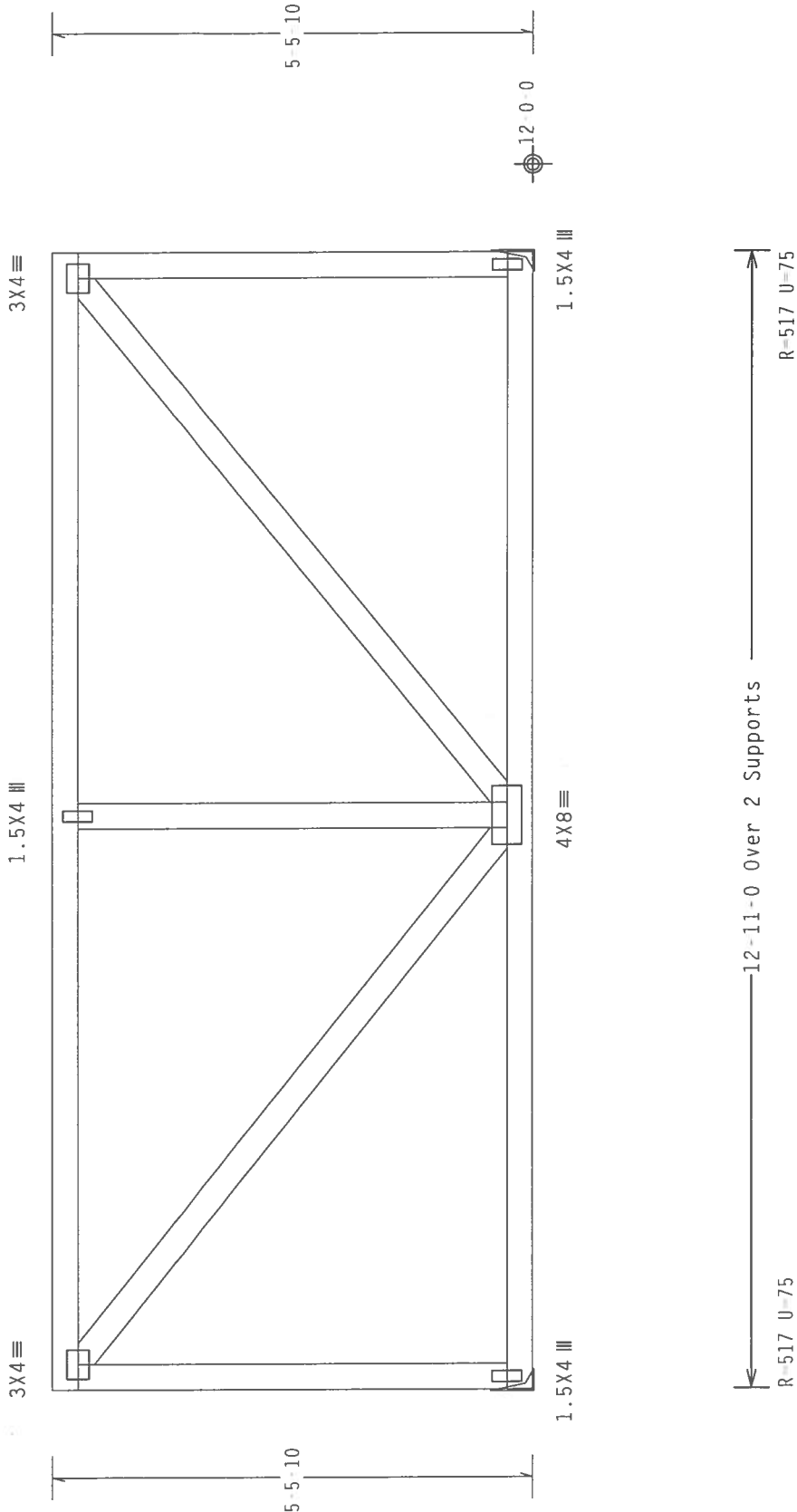
End verticals not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.042

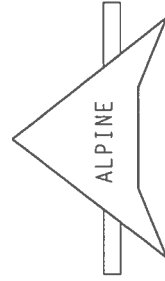
Scale = .5"/Ft.



****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 HORN LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, RADJON, MI 48775) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** PROVIDE 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 TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-H/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 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.

PLT TYP. Wave



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

QTY: 1	FL / - / 5 / - / R / -	TC LL	20.0 PSF	REF	R8228- 42556
		TC DL	10.0 PSF	DATE	01/23/08
		BC DL	10.0 PSF	DRW	HCUSR8228 08023011
		BC LL	0.0 PSF	HC-ENG	DAL/DF
		TOT.LD.	40.0 PSF	SEQN	28105
		DUR.FAC.	1.25		
		SPACING	24.0"	JREF	1TEE8228Z02

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

End verticals not exposed to wind pressure.

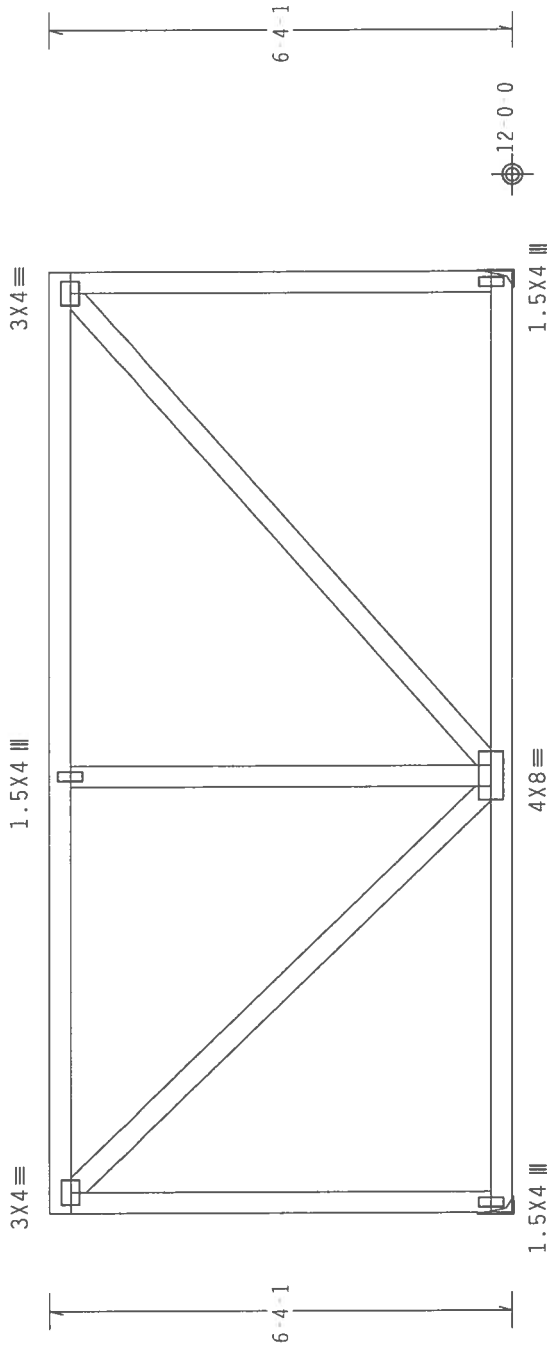
Bottom chord checked for 20.00 psf non concurrent live load.

Truss must be installed as shown with top chord up.

110 mph wind, 18.34 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



12-11-0 Over 2 Supports

R-517 U-82

R-517 U-82

Design Crit: TPI-2002(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, PAULSON, MI 49775) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, CHORDS 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, THE 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/AS) AND TPI. 1TH BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (N/A/55/2) ASTM A653 GRADE 40/60 (M, K/A-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A & 160B. 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.

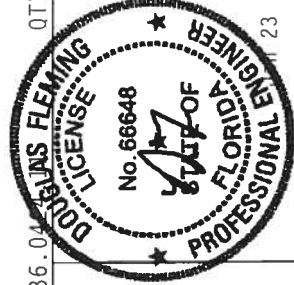
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.04

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

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R8228-42557
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023012
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN	28125
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1TEE8228Z02



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

