

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: ITC18228Z0416162008

Truss Fabricator: Anderson Truss Company
Job Identification: 7-329--Sparks Construction Cochenour -- Lot 6 Pinemount Meadows Subdvn , **
Truss Count: 76
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

DZ

Notes:

Seal Date: 11/16/2007

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

-Truss Design Engineer-
Doug Fleming

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

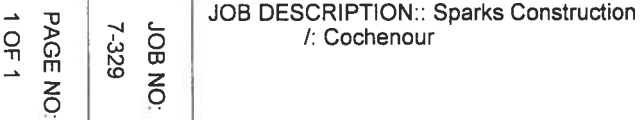
Details: PIGBACKB-TCFILLER-BCFILLER-BRCLBSUB-A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	58620--H7A		07320084	11/16/07
2	58621--A2		07320018	11/16/07
3	58622--A1		07320043	11/16/07
4	58623--H9A		07320013	11/16/07
5	58624--H11A		07320014	11/16/07
6	58625--H13A		07320015	11/16/07
7	58626--H15A		07320016	11/16/07
8	58627--H7B		07320085	11/16/07
9	58628--H9B		07320034	11/16/07
10	58629--H11B		07320035	11/16/07
11	58630--H13B		07320036	11/16/07
12	58631--H15B		07320037	11/16/07
13	58632--B1		07320038	11/16/07
14	58633--B2		07320048	11/16/07
15	58634--B3		07320062	11/16/07
16	58635--B4		07320042	11/16/07
17	58636--B5		07320022	11/16/07
18	58637--C-GE		07320070	11/16/07
19	58638--D1		07320002	11/16/07
20	58639--D2		07320003	11/16/07
21	58640--D3		07320004	11/16/07
22	58641--D-GE		07320071	11/16/07
23	58642--E-GE		07320005	11/16/07
24	58643--E1		07320006	11/16/07
25	58644--F7-GDR		07320086	11/16/07
26	58645--F1		07320055	11/16/07
27	58646--F8		07320058	11/16/07
28	58647--F-GE		07320053	11/16/07
29	58648--F2		07320054	11/16/07
30	58649--F6		07320028	11/16/07
31	58650--F5		07320057	11/16/07
32	58651--F4		07320064	11/16/07
33	58652--F3		07320065	11/16/07
34	58653--H5G		07320007	11/16/07
35	58654--H6G		07320087	11/16/07
36	58655--I1-GDR		07320001	11/16/07
37	58656--EJ1		07320039	11/16/07
38	58657--J1A		07320031	11/16/07

#	Ref	Description	Drawing#	Date
39	58658--HJ1		07320020	11/16/07
40	58659--J1B		07320061	11/16/07
41	58660--J1C		07320050	11/16/07
42	58661--J1		07320010	11/16/07
43	58662--HJ5		07320008	11/16/07
44	58663--HJ7		07320025	11/16/07
45	58664--HJ4		07320044	11/16/07
46	58665--EJ7		07320032	11/16/07
47	58666--J5		07320029	11/16/07
48	58667--HJ5A		07320045	11/16/07
49	58668--J3		07320030	11/16/07
50	58669--J5A		07320026	11/16/07
51	58670--J3A		07320027	11/16/07
52	58671--EJ4		07320051	11/16/07
53	58672--J2		07320046	11/16/07
54	58673--EJ7C		07320047	11/16/07
55	58674--EJ5		07320012	11/16/07
56	58675--J3C		07320011	11/16/07
57	58676--J3B		07320009	11/16/07
58	58677--EJ7A		07320033	11/16/07
59	58678--EJ7B		07320017	11/16/07
60	58679--M1		07320063	11/16/07
61	58680--M2		07320019	11/16/07
62	58681--M3		07320052	11/16/07
63	58682--PB11		07320088	11/16/07
64	58683--PB6		07320060	11/16/07
65	58684--PB10		07320066	11/16/07
66	58685--PB9		07320059	11/16/07
67	58686--PB8		07320041	11/16/07
68	58687--PB7		07320056	11/16/07
69	58688--PB5		07320040	11/16/07
70	58689--PB4		07320021	11/16/07
71	58690--PB3		07320069	11/16/07
72	58691--PB2		07320068	11/16/07
73	58692--PB1		07320067	11/16/07
74	58693--PB12		07320049	11/16/07
75	58694--PB13		07320024	11/16/07
76	58695--PB14		07320023	11/16/07



Roof Plane Sheathing Area = 4328 sq ft
Gable Sheathing Area = 144 sq ft
Total Sheathing Area = 4472 sq ft
Fascia Material = 370 linear ft
Valley Flashing Material = 181 linear ft
Ridge Cap Material = 85 linear ft
Hip Ridge Material = 240 linear ft



22

13.1

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Webs 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.
 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located
 anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
 psf. $I_w=1.00$ GCPI (+/-)=0.18
 Wind reactions based on MMFRS pressures.
 End verticals not exposed to wind pressure.
 (A) #3 or better scab brace. Same size & 80% length of web member.
 Attach with 10d Box or Gun (0.128"x3", min.) nails @ 6" o.c.
 In lieu of structural panels use purllins to brace all flat TC @ 24"



Scale = .1875"/Ft.

DOUGLAS
LICENSE
No. 66648

5

NEW YORK

1

—

07

FROM AH
JURFF - 1TC18228Z04

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

110 mph wind, 15.00 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. $I_w=1.00$ Gcp(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.
In lieu of structural panels use purlins to brace all flat TC @ 24"

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

Laterally brace BC above filler @ 24" O.C.
Including a lateral brace at chord ends.

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

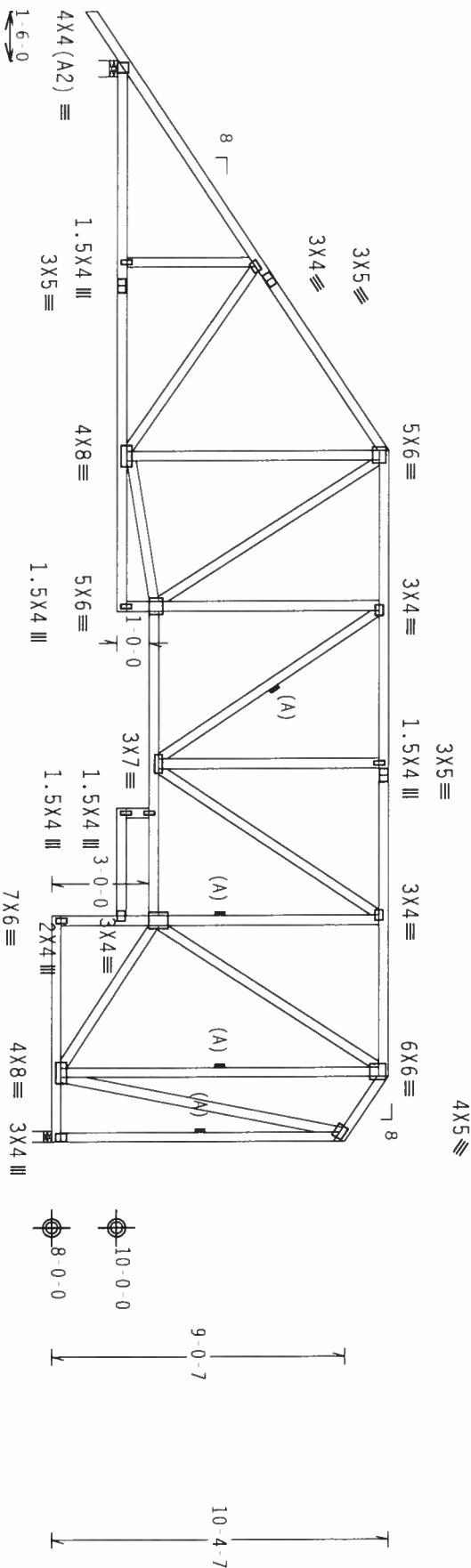


Diagram of a continuous beam with 5 spans and 6 supports. The beam is labeled R=1513 U=123 W=6" on the left and R=1392 U=147 W=4" on the right. Span lengths are: 6-2-7, 6-1-1, 4-5-12, 4-10-4, 3-4-0, 7-0-0, 6-2-7, 5-11-5, 4-9-4, 4-8-8, 4-10-4, 5-0-0, 4-6-12, 12-0-0, 16-11-0, 19-4-1, 9-5-0, 7-0-0, 2-0-0. There are also small dimension lines at the end of the beam: 2' and 1'12".

PLT TYP. Wave

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

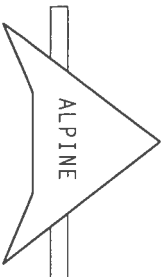
 $Cq/RT=1.00(1.25)/0(0)$

7.36.04

QTY:1

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

Scale = .1875"/ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 00700

WARNING FIBERS REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING REFER TO BCCI (BUILDING CODE CONFERENCE IN INTERNATIONAL), PUBLISHED BY IPT (STEEL PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICK (WOOD TRUSS COMPANY), 6000 INDUSTRIAL LANE, HANNOVER, NH, 03031 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 TRANSMIT 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 THE BCCI OR BFG, HANDLING, SHIPPING, INSTALLING, A BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND IPT. THE BCG SHALL APPLY TO EACH FACE OF TRUSS AND 20/18/16GA (W/H/S/X) ASH 6653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEND A OR IPT 2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS OF THE DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASD/PT 1 SEC. 2.



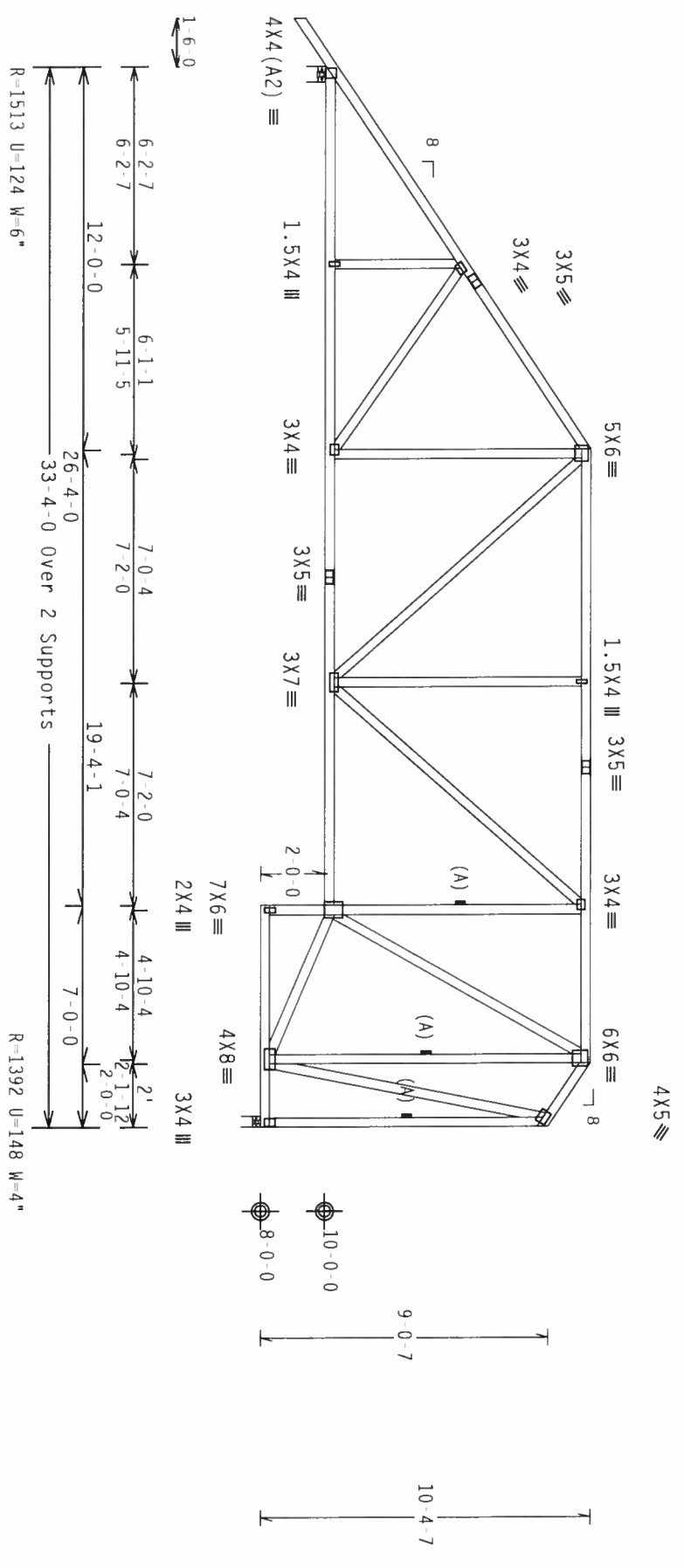
REF	R8228- 58621
DATE	11/16/07
DRW	HCSR8228 07320018
HC-ENG	DF/DF
SEQN-	61289
FROM	AH
SPACING	24.0"
DUR.FAC.	1.25
TOT.LD.	40.0 PSF
BC LL	0.0 PSF
BC DL	10.0 PSF
TC DL	10.0 PSF
TC LL	20.0 PSF

(7 329 Sparks Construction Cochenour Lot 6 Pinemount Meadows Subdvn , ** A1)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.00 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. Iw=1.00 Gcpi(+/-)=0.18
 Wind reactions based on MMFRS pressures.
 Right end vertical not exposed to wind pressure.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424 QTY:1 FL/-/4/-/E/-/-

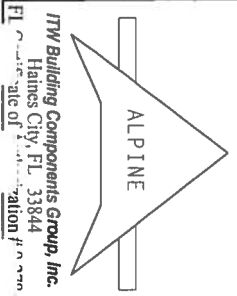
Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR GARD 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, 22304) AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA, 6500 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 A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH 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 COMPLIES WITH APPLICABLE PROVISIONS OF 2005 NATIONAL DESIGN SPEC. BY AIA/ASCE AND TPI. THE BCG CONNECTION PLATES ARE MADE OF 70/10/16GA (W/AS/AS) ASH 6053 GRADE 40/60 (W/ K2H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A 2.

INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE THE DUTY OF THE ENGINEER OR THE FACTORY ON THIS DRAWING. THE ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FACTORY SHALL BE RESPONSIBLE FOR THE FABRICATION AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TTW Building Components Group, Inc.
 Gaines City, FL 33844
 FL 33844



TC LL	20.0 PSF	REF	R8228- 58622
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320043
BC LL	0.0 PSF	HC-ENG DF/DF	*
TOT.LD.	40.0 PSF	SEON-	61331
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TCI8228204

(7 329 Sparks Construction Cochenour Lot 6 Pinemount Meadows Subdivn , ** H9A)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 110 mph wind, 15.00 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. Iw=1.00 Gcpi(+/-)=0.18

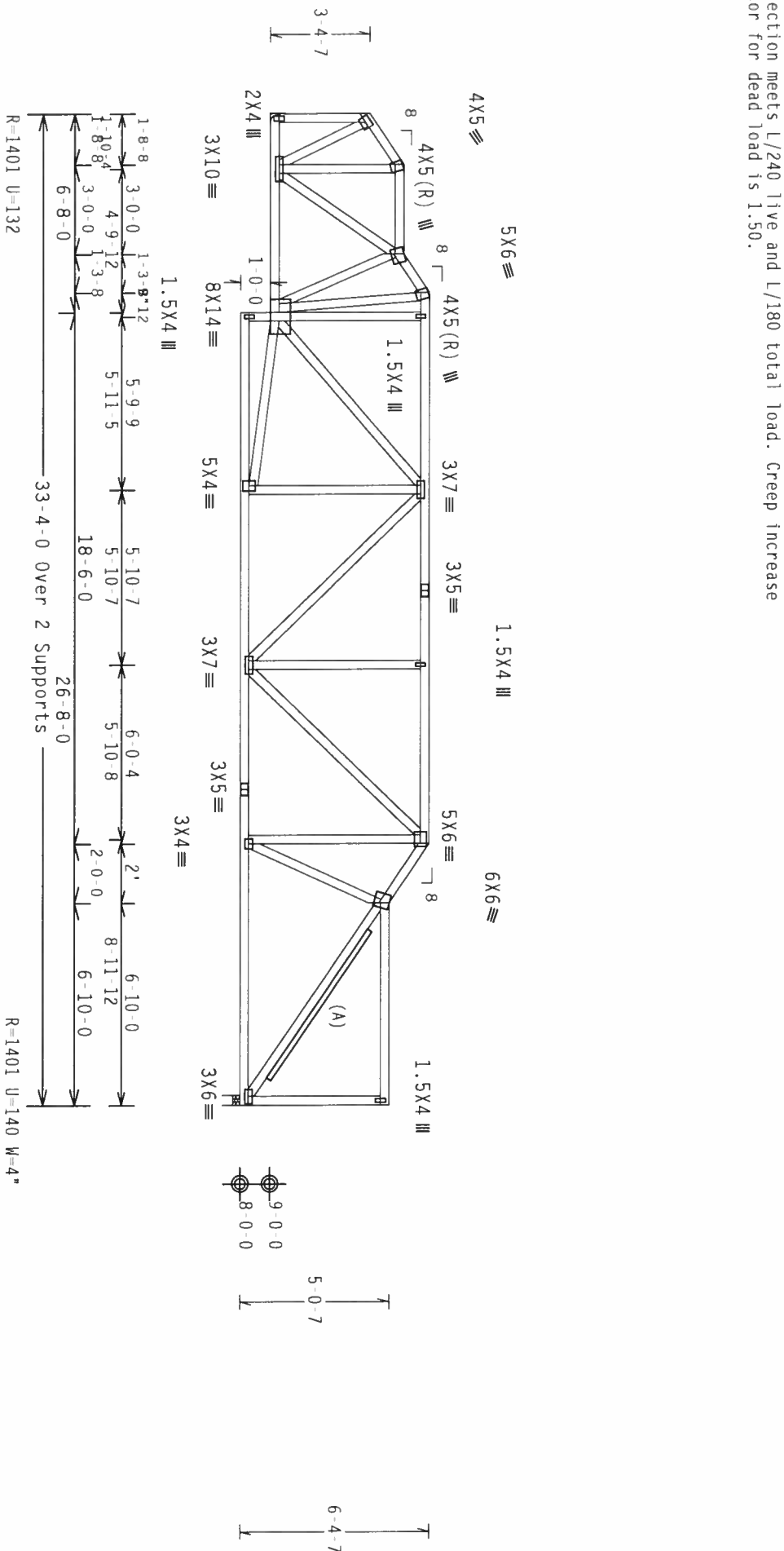
End verticals not exposed to wind pressure.

Wind reactions based on MMFRS pressures.

(A) 2x6 #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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



PLT TYP. Wave Design Crit: TP1-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 7.36.04

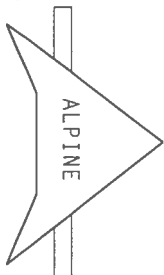
QTY:1 FL/-/4/-/E/-/-

Scale = .1875"/ft.

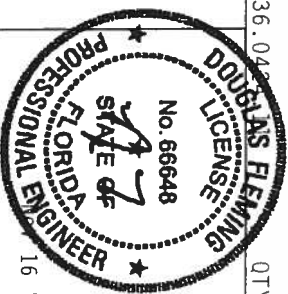
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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.

****IMPORTANT**** TURN IN 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 WDS (NATIONAL DESIGN SPEC. BY AIA/ASA AND TPI). ITW BCG CORP. TRUSS PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRACKETS 160A-Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENTS 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
 File # of 33844



TC LL	20.0 PSF	REF	R8228 - 58623
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCSR8228 07320013
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT.LD.	40.0 PSF	SEQN-	61357
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	1TC18228Z04

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

End verticals not exposed to wind pressure.

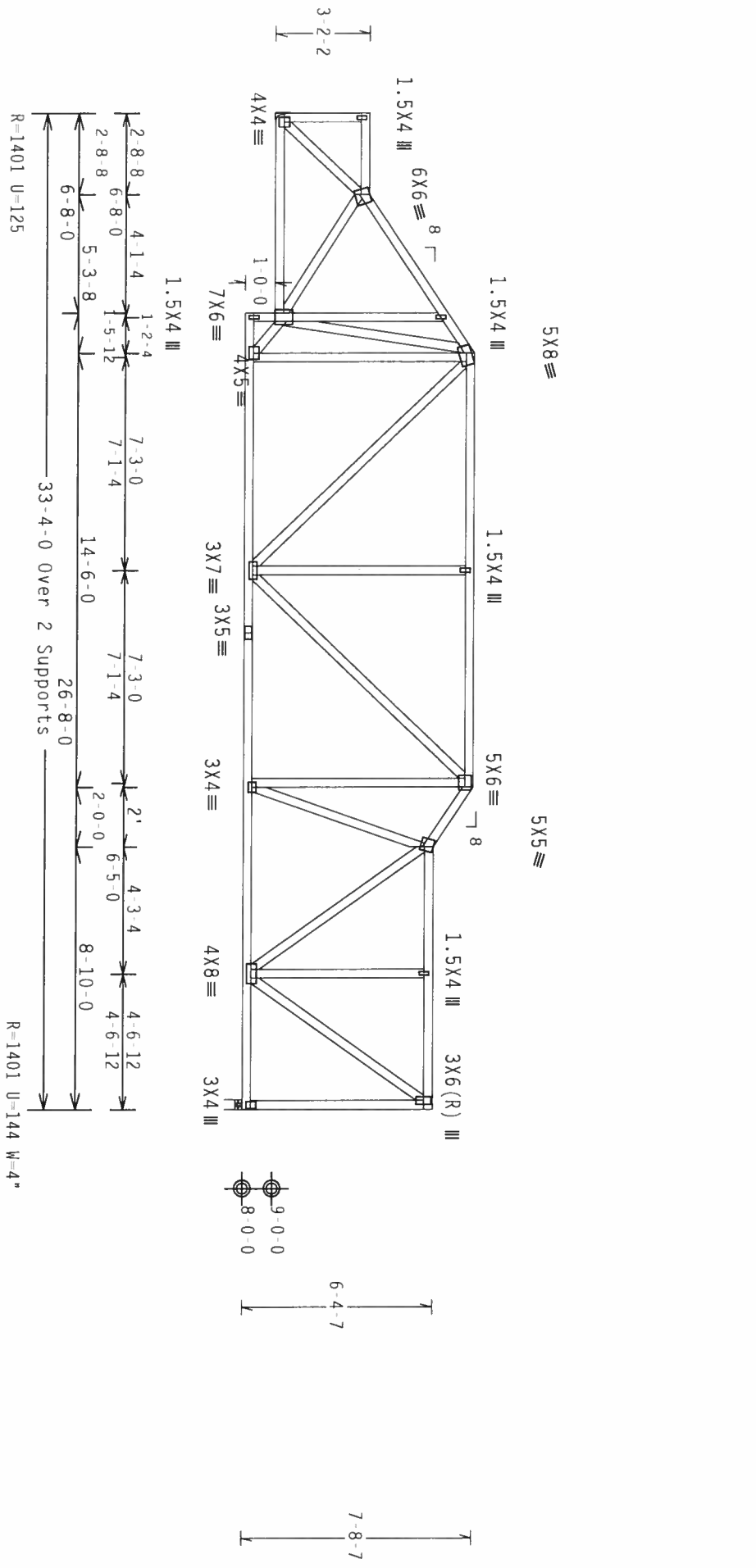
In lieu of structural panels use purlins to brace all flat TC @ 24"

Provide for complete drainage of roof.

110 mph wind, 15.00 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. $I_w=1.00$ $G C p_i(+/-)=0.18$

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.



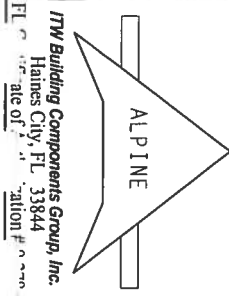
PLT TYP. Wave

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

7.36.042 QTY:1 FL/-/4/-/E/-/

Scale = .1875"/ft.

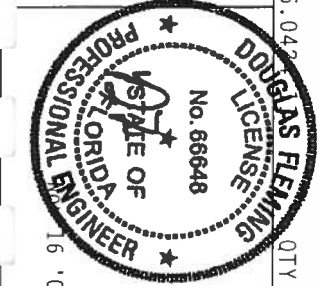
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TC DL		10.0 PSF	DATE	11/16/07
BC DL		10.0 PSF	DRW	HCSR8228 07320014
BC LL		0.0 PSF	HC-ENG	DF/DF
TOT. LD.		40.0 PSF	SEQN-	61364
DUR. FAC.		1.25	FROM	AH
SPACING		24.0"	JRFF-	1TC18228Z04



ITW Building Components Group, Inc.
Haines City, FL 33844
Attention # 0000

WARNING TRUSSES REQUIRE EXTERIOR CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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.

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 HUD (NATIONAL DESIGN SPEC. BY AFAP) AND TPI. CONNECTION PLATES ARE MADE OF 2018/1604 (40/45/75) ASTM A563 GRADE 40/60 (4, 4/11/55) GALV. STEEL. STEEL, APPLY ANY INSPECTION OF PLATEWORK AND BY THE TRUSS MANUFACTURER. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/APA 1 SEC. 2.



16	07
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Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

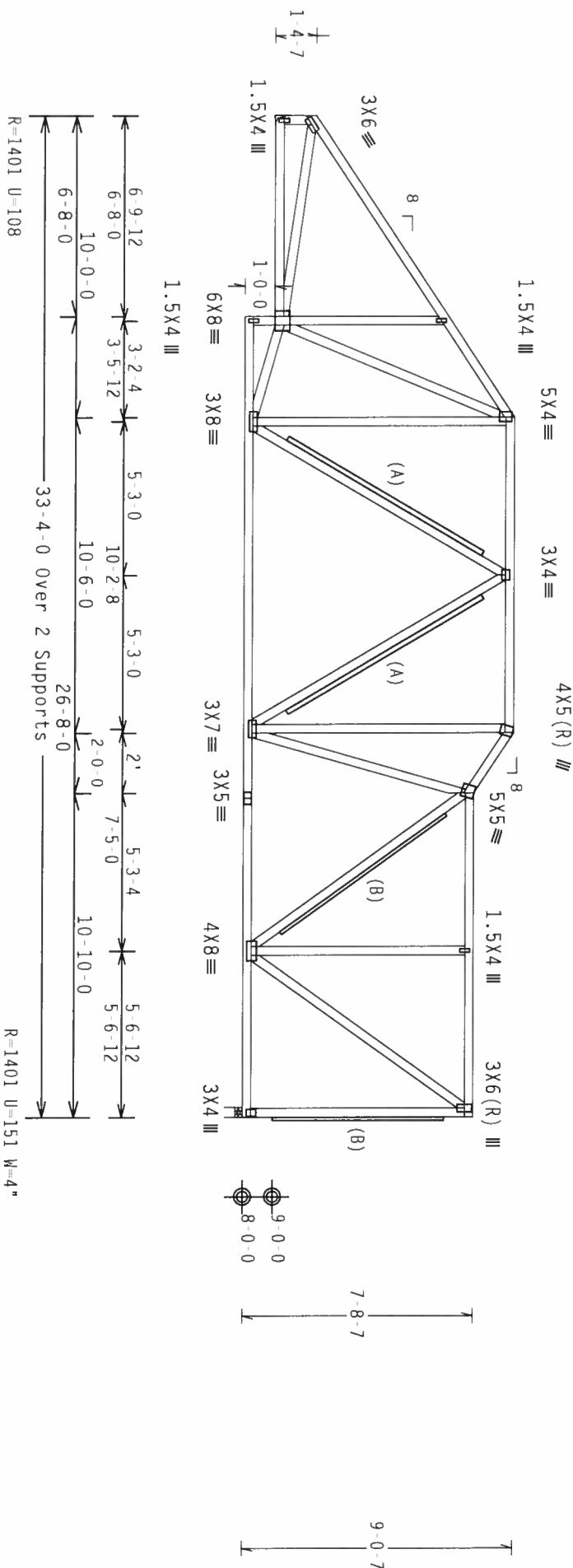
Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED pldg, 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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

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

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

7.36.042

QTY:1

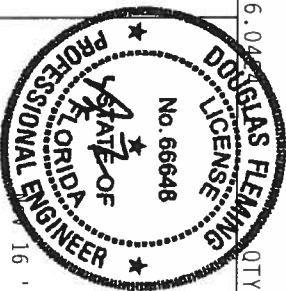
FL/-/4/-/E/-/-

Scale = .1875"/Ft.

WARNING ALL PAIRLS (BUILDING COMPONENTS, CASE IN FABRICATION), HANDLING, SHIPPING, INSTALLING AND PACKING REFER TO GC51 (BUILDING COMPONENTS CASE INFORMATION). PUBLISHED BY IPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK (WOOD TRUSS COMPANY) OF AMERICA, 63000 ENTERPRISE LANE, HUNTSVILLE, AL 35891 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TYPES OF ACTIVITIES. UNDESIGNED OR OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAIRLS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.

FL-017
ate of A...
ization # 0000

TC LL	20.0 PSF	REF	R8228 - 58625
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320015
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	61372
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TC18228Z04

(7 329 Sparks Construction Cochenour Lot 6 Pinemount Meadows Subdvn , ** H15A)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

End verticals not exposed to wind pressure.

(B) 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.

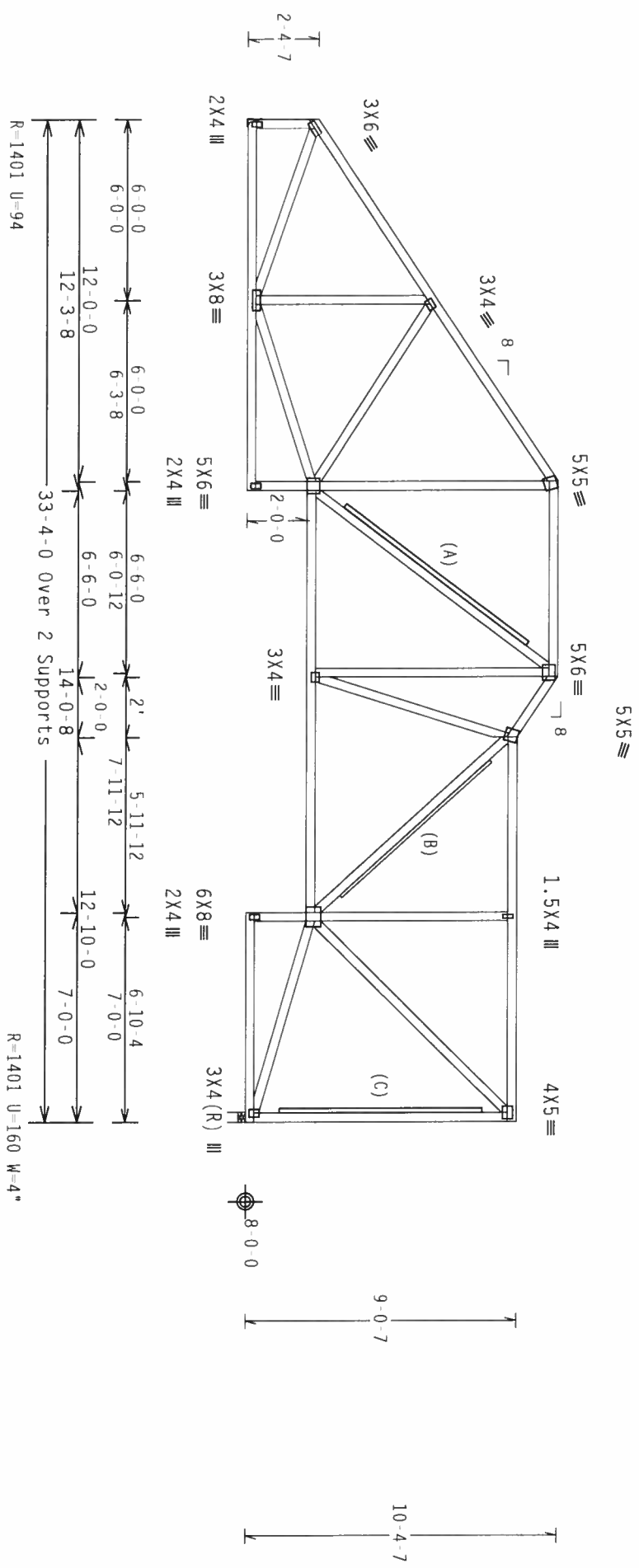
(C) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5".min.)nails @ 6" OC.

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

Wind reactions based on MMFRS pressures.

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5".min.)nails @ 6" OC.

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

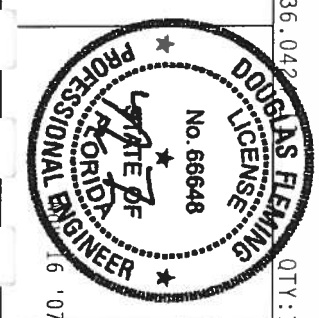


PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:1 FL/-/4/-/E/-/ - Scale = .1875"/ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 HORTON LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 1000 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO REPERFORMING THESE FUNCTIONS. 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. 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 CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS AND FOR THE PROPER ATTACHMENT OF THE TRUSS TO THE FOUNDATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER ATTACHMENT OF THE TRUSS TO THE FOUNDATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER ATTACHMENT OF THE TRUSS TO THE FOUNDATION.

ALPINE
 TFW Building Components Group, Inc.
 Gaines City, FL 33844
 FL 33844
 State of Florida
 License # 00000



TC LL	20.0 PSF	REF	R8228 - 58626
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCU8R8228 07320016
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN	61382
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	URFF	1TC18728Z04

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W10, W11 2x6 SP #2:

End verticals not exposed to wind pressure.

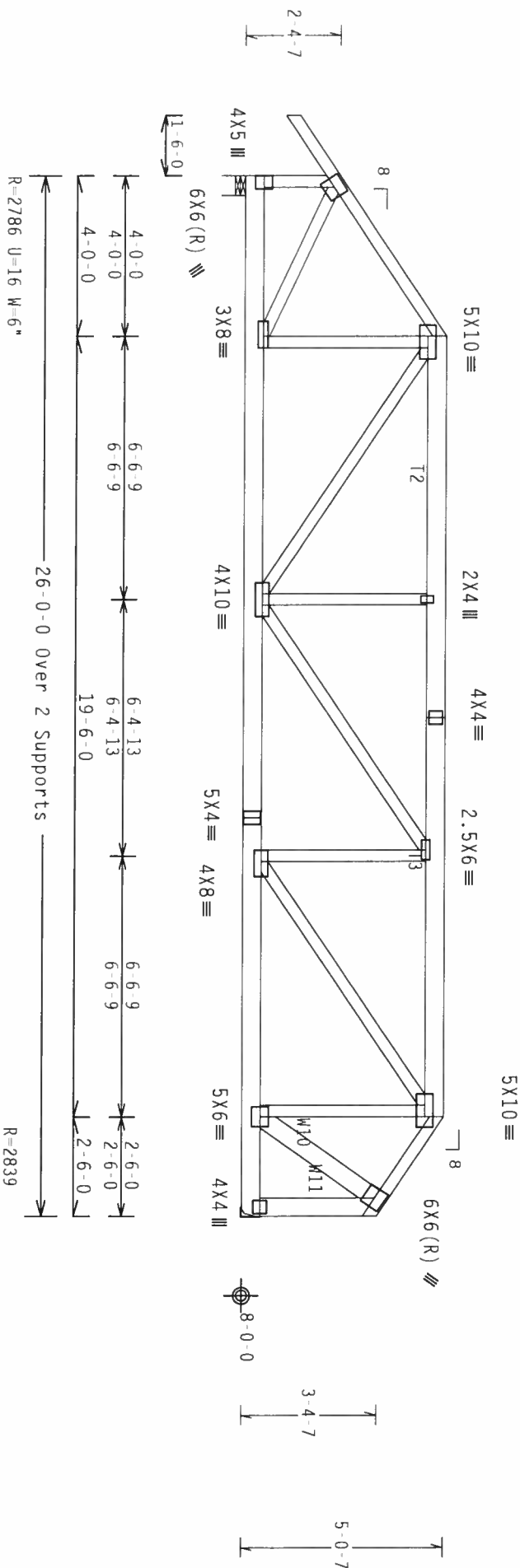
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Left side jacks have 4'-0" setback.
End jacks have 7'-0" setback.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

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

7.36.042

QTY:1

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

Scale = .25"/ft.

****WARNING**** THUSSES REQUIRE EXTERIOR GABLE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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.

****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 THUSSES.

ITW Building Components Group, Inc.
Haines City, FL 33844
Tel. 888-444-4444
Fax 888-444-4444



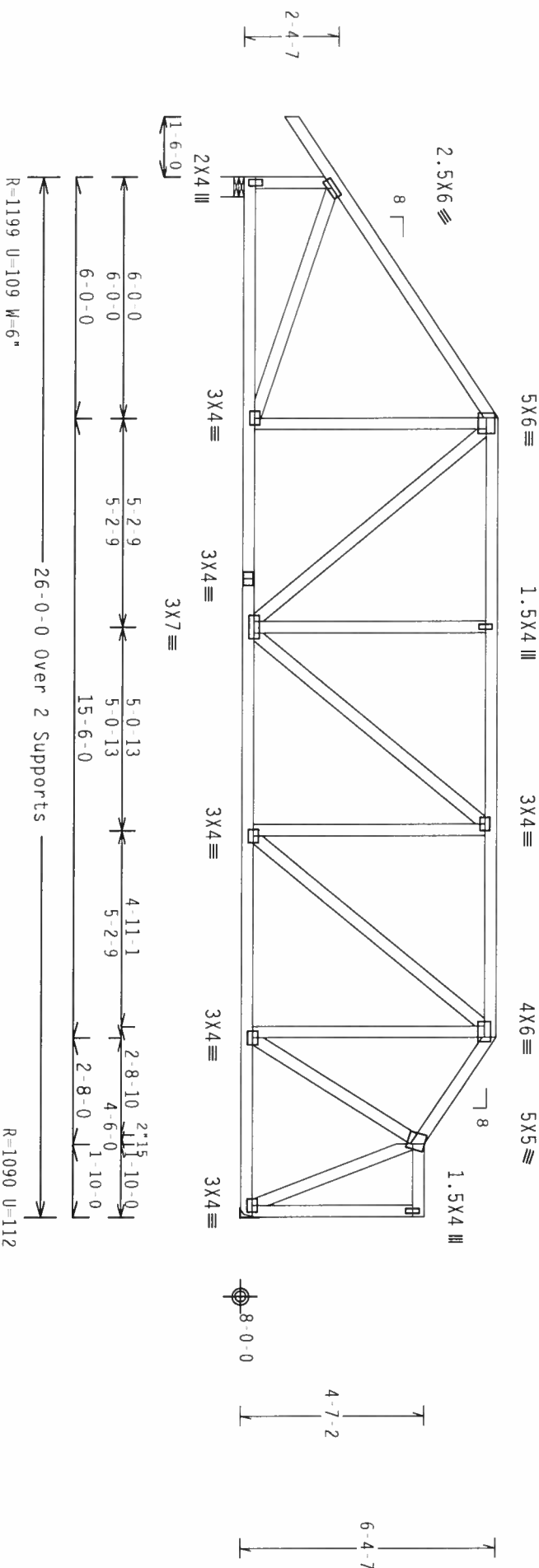
TC LL	20.0 PSF	REF	R8228- 58627
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCU8R8228 07320085
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	61631

DUR. FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF -	1TC18228204

10 mph wind, 15.00 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. $I_w=1.00$ GCF(+/-)=0.18

Wind reactions based on M/FRS pressures.

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



Scale = .25"/Ft.

DOUGLAS FLEMING
LICENSE
NO 86648

****IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT**

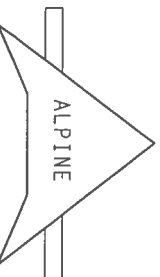
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

2000 1000 500 0

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Registration # 00000000



TC LL	20.0 PSF	REF	R8228 - 58628
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320034
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN -	61159
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TC18228204

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 450 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. [w=1.00 GCbi(+/-)=0.18

Wind reactions based on MIFRS pressures.

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



Scale = .25"/Ft.

DOV
LICENSE
No. 66648

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 1TH BCG, INC. SHALL NOT

TP1; FR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC, BY AIA/PFA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 304/316LSS IN WELDED AND BOLTED CONNECTIONS.

CONNECTION PLATE. MADE OF 20/18/16GA (H.M./SS/K) ASTM A653 GRADE 40/60 (H. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF THINGS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION FOR PROVIDING CONNECTION PLATE.

PLATES TO EACH PAIR OF IRONS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 1911 2002 SEC 3 A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND INSTRUCTION OF DETAILS FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1/11/2002 SEC.3. A SEAL ON THIS

DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

111

[illegible]

TC LL	20.0 PSF	REF	R8228- 58629
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCSUR8228 07320035
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN -	61166
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TC18228204

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

(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.

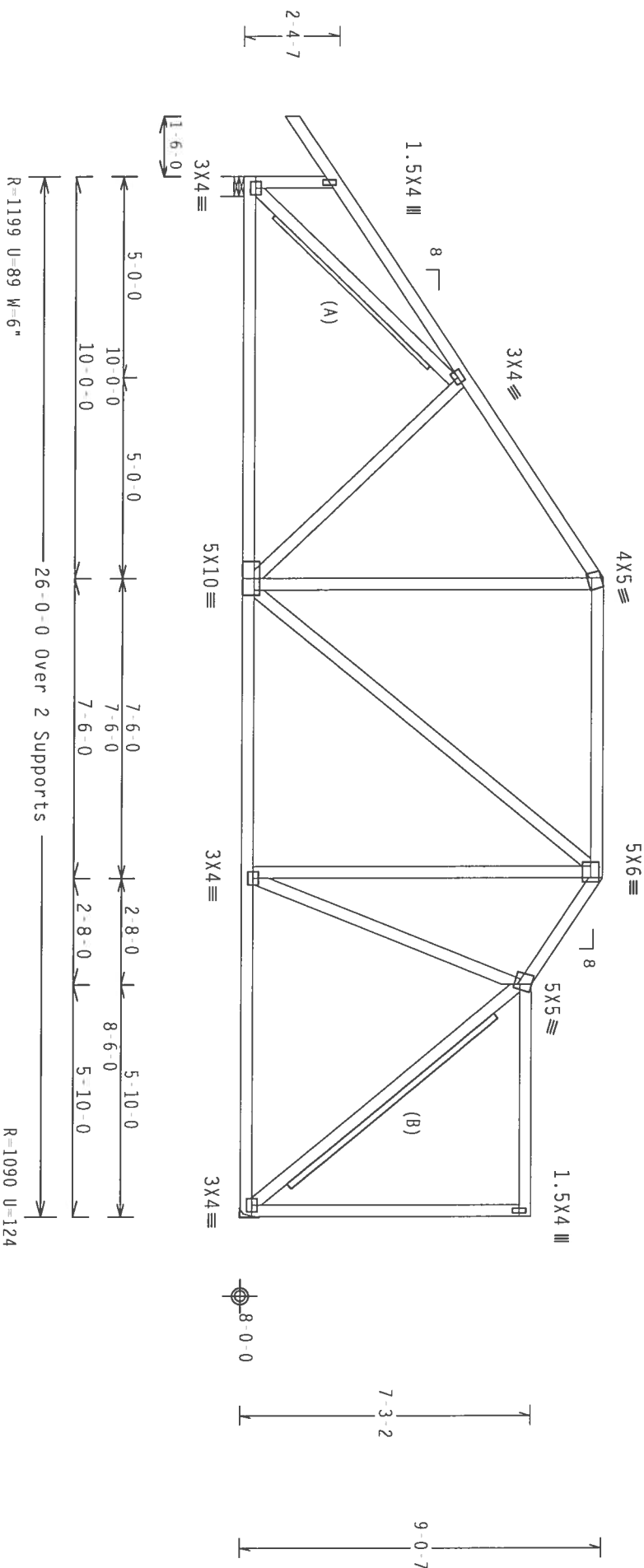
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, 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.

(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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



PLT TYP. wave

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

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

7.36.042

QTY:1

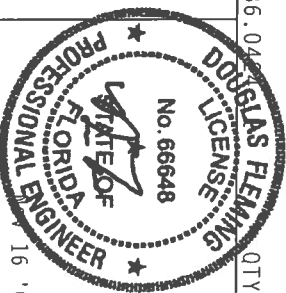
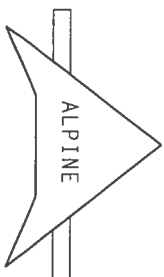
FL 14-1E1-1-

Scale = .25" / Ft.

*****WARNING***** FRANK'S RIGID EXTERIOR CASE IN FABRICATION. UNLOADING, SHIPPING, INSTALLING AND BRACING. REFER TO SPEC. BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL BUREAU OF STANDARDS. 630001. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND NICK GROSS, CHIEF, OFFICE OF AMERICA'S ENTERPRISE LAM, MADISON, MI, 48709 FOR SAFETY PRACTICES PRIOR TO REDEFINING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PELLETS, AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED RIGID PANELS.

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

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Accreditation # 00000000



TC LL	20.0 PSF	REF	R8228- 58630
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320036
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	61173
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TC18228Z04

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

End verticals not exposed to wind pressure.

(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.

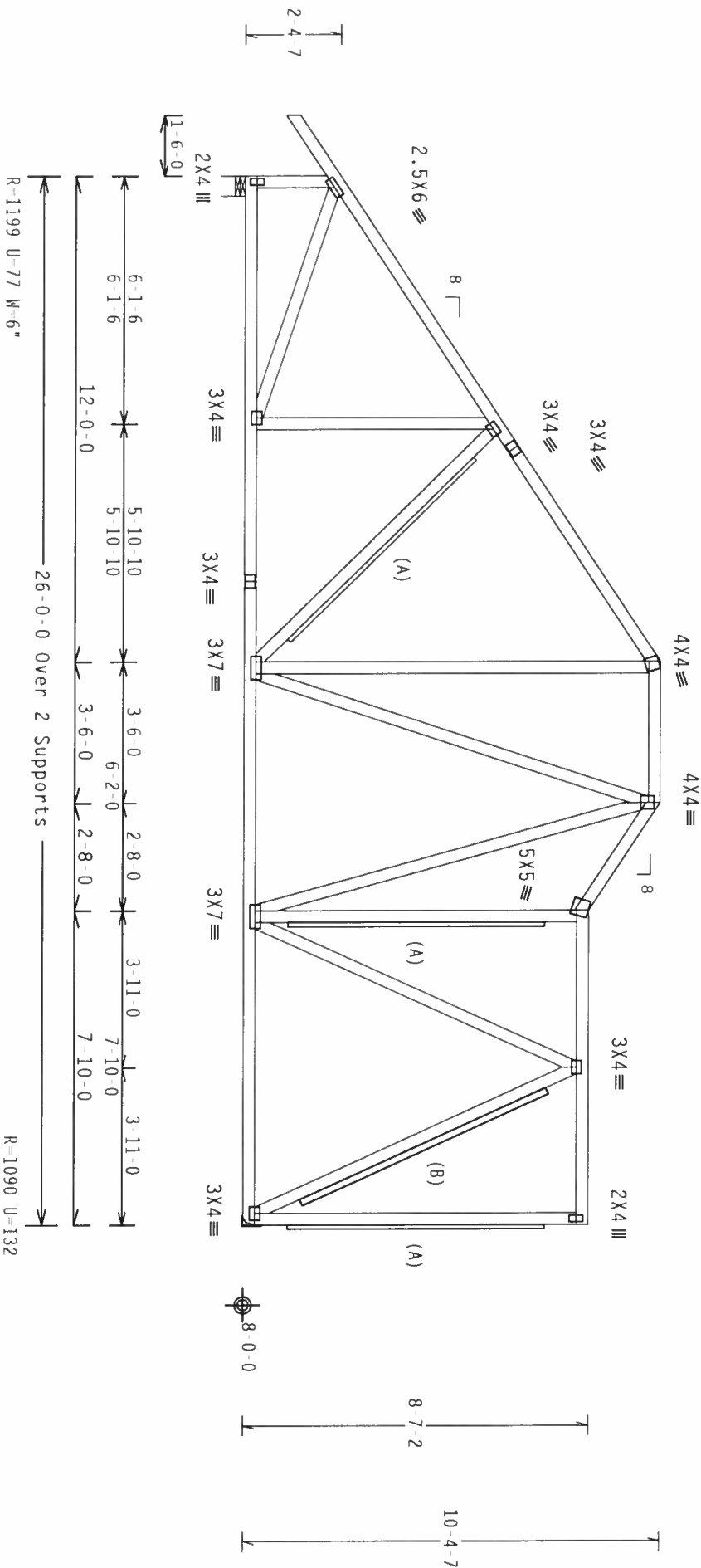
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 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. $I_w=1.00$ Gcpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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



PLT TYP. Wave

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

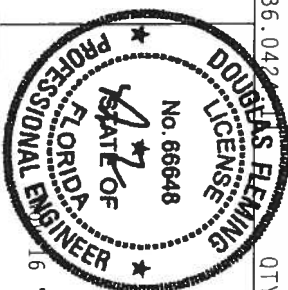
QTY: 1 FL-/4/-/E/-/-

Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 2700 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WEA (WOOD TRUSS CONNECT), 6300 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI 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 COMPLIANCE WITH APPLICABLE PROVISIONS OF 2001 NATIONAL DESIGN SPEC. BY AIA/PAI AND TPI. TPI BCG DESIGN CRITERIA ARE BASED ON 20/18/16GA (W/H/SS/VS) ASH/ABS GRADE 40/60 (W/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL BE FABRICATED AND ASSEMBLED IN ACCORDANCE WITH TPI-2002 SEC. 3. FOR THE TRUSS COMPONENTS, THE DESIGN INDICATES THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL 33844
Attention # 9 9 9 9

TC LL	20.0 PSF	REF	R8228- 58631
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCSR8228 07320037
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEON-	61183
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	URF-	1TCIR228Z04

End verticals not exposed to wind pressure.

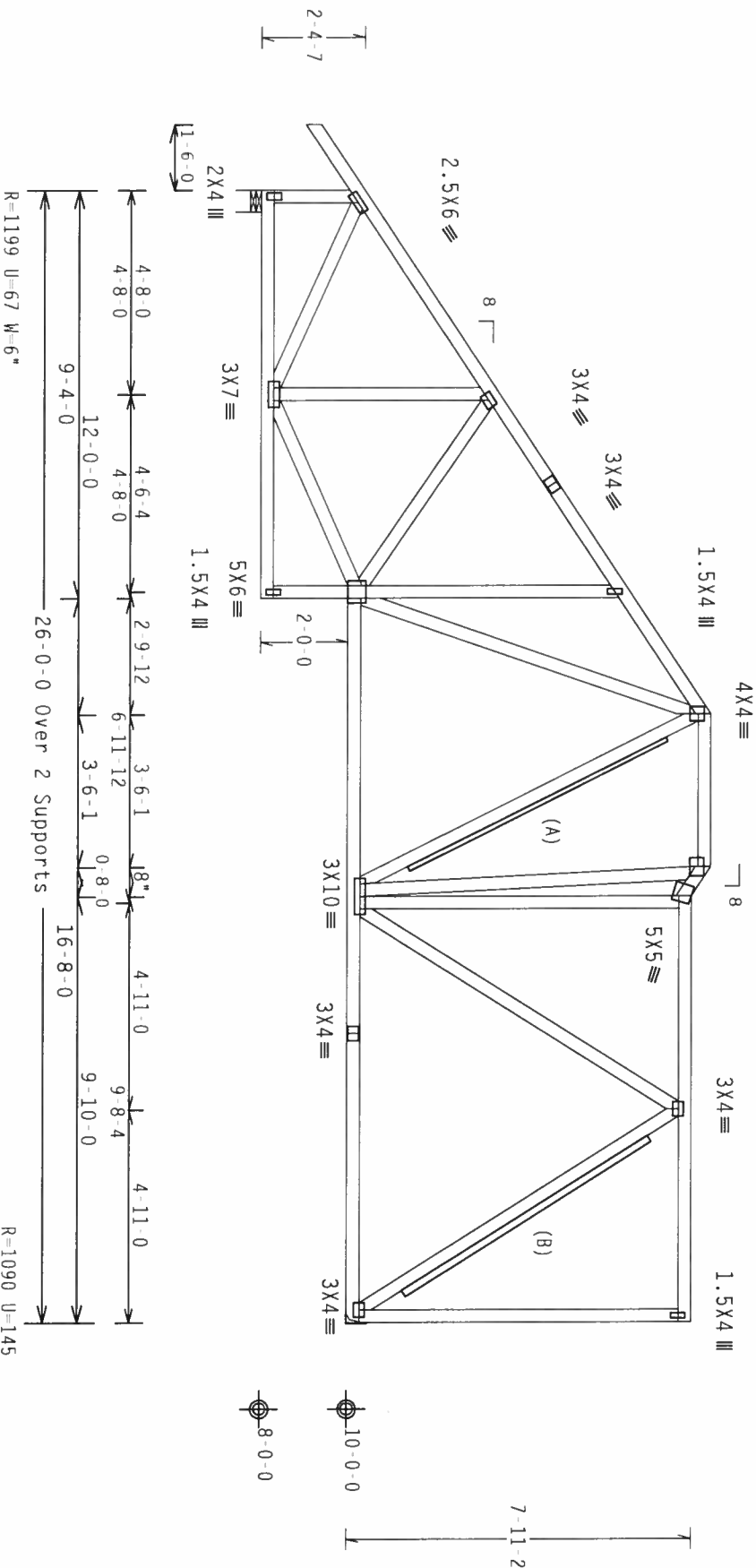
Wind reactions based on MWFRS pressures.

(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.

(B) 2x4 #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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



R=1199 U=67 W=6"

R=1090 U=145

PLT TYP. Wave

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

7.36.04

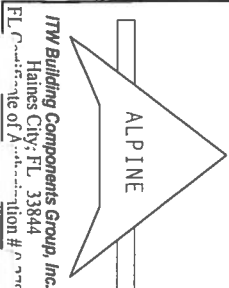
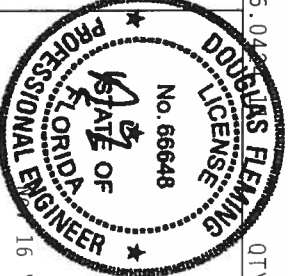
QTY:1

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

Scale = .25"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22319 AND WICKI GOOD TRUSS COMPANY, 6300 ENTERPRISE LANE, MADISON, MI 48050, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, TPI 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 CONDITIONS WITH APPLICABLE PROVISIONS OR MOD (NATIONAL DESIGN SPEC. BY AREA) AND TPI. 11W BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/TS) ASH A653 GRADE 40/60 (Q, K/H/SS) GALV. STEEL. APPLY THESE SPECIFICATIONS TO ALL TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A Z. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE DESIGNER SHALL BE RESPONSIBLE FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Code of Adoption # 9770

TC LL	20.0 PSF	REF	R8228- 58632
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320038
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEON-	61190
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TCI8228Z04

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL-5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ Gcpi (+/-)=0.18

Wind reactions based on MFRS pressures.

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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


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

QTY:1

Scale = .25"/ft.

ING
LICENSE
No. 66648

REF	R8228 - 58633
DATE	11/16/07

2

DIN 11301

2000

MC-ENG L

CONFIDENTIAL

SEON-

Stacy

EDOM AL

1

1055 11

1

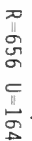
1

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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. Iw=1.00 GCPI(+/-)=0.55

Right end vertical not exposed to wind pressure.

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

Laterally brace BC above filler @ 24" O.C.
Including a lateral brace at chord ends.

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

7.36.042


QTY:1

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

Scale = .25"/Ft.

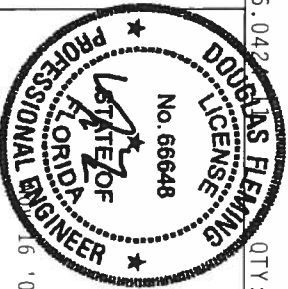
WARNING—FALLS DURING EXISTING CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO 6651 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PRACTICE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COMPANY OF AMERICA, 6300 ENTERPRISE LANE, MOBILE, AL 36619) 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 TOP CEILING.

****IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIM BCG, INC. SHALL NOT**



ITW Building Components Group, Inc.
Hickory, NC 28644

Haines City, FL 33844



SPACING 24.0"

JRFF - 1TCI8228Z04

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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. Iw=1.00 GCPI(+/-)=0.55

Wind reactions based on MIFRS pressures.

Right end vertical not exposed to wind pressure.

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


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

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

Scale = .25"/Ft.

DOUBLEDAY
LICENSE
No. 66648

REF	R8228 - 58635
DATE	11/16/07

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORM-
TANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR. THE FABRICATOR SHALL BE
RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORM-
TANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR.

916

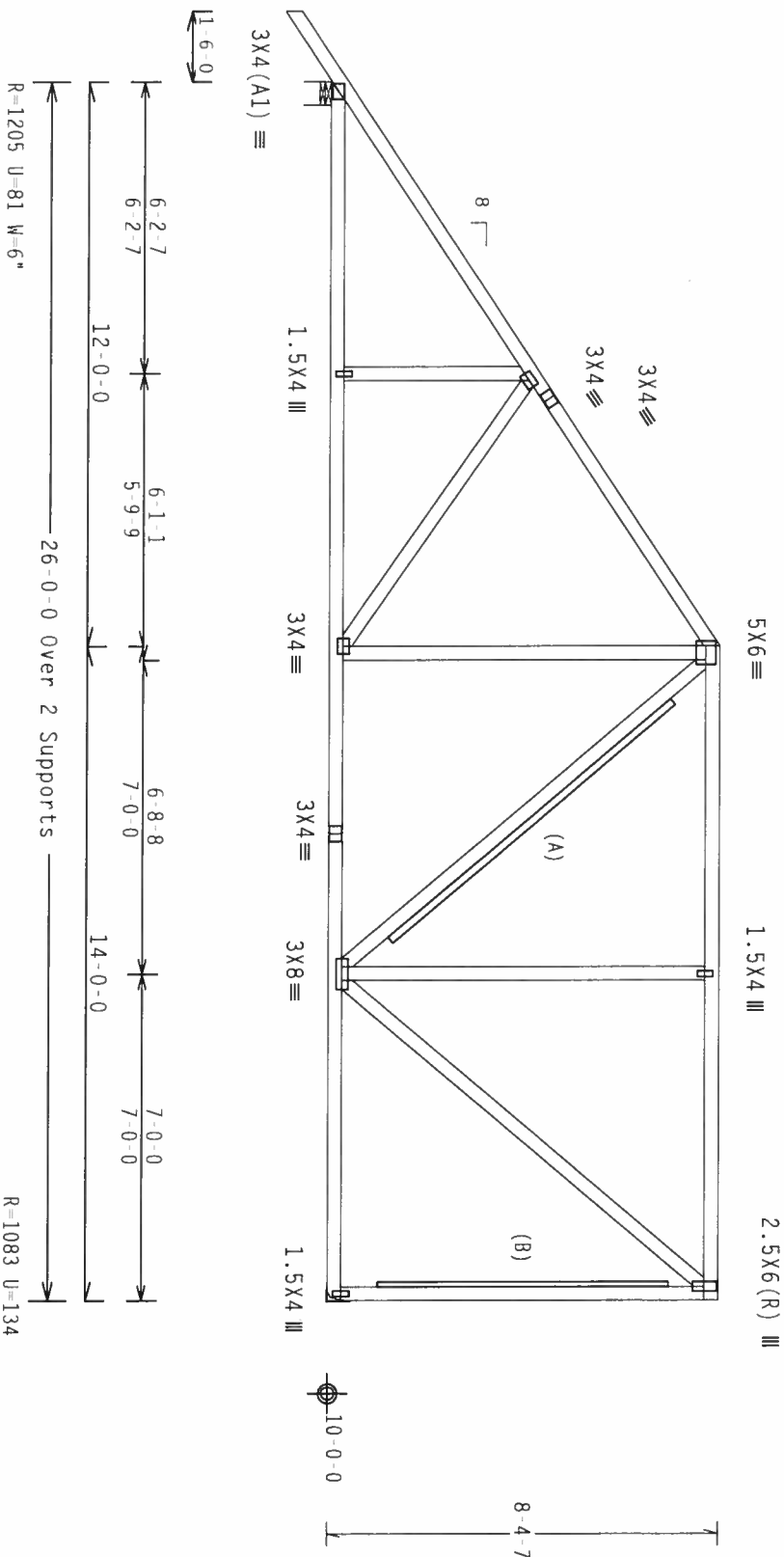
JREF - 1TC18228Z04

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

(B) 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.

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5".min.)nails @ 6" OC.

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



PLT TYP. Wave

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

7.36.00

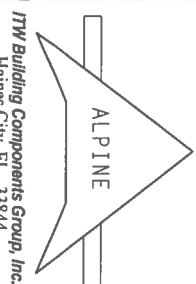
Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR CARL IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK (WOOD TRUSS) COUNCIL OF AMERICA, 6300 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.

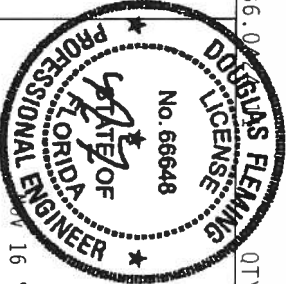
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/1604 (K/H/SS/VS) ASH AS33 GRADE 40/60 (K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604 Z.

INSTALLATION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OR TPI 1.2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TP1 1 SEC. 3.



ITW Building Components Group, Inc.
Haines City, FL 33844
Attention # 9 9 9 9 9



TC LL	20.0 PSF	REF	R8228- 58636
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320022
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEGN-	61271
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	URFF-	1TC18228Z04

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

Wind reactions based on MIFRS pressures.



Design Crit: TPI-2002(STD)

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

7.36.0424 GLAS FILE QTY:1

Scale = .5" / Ft.

DOUGLAS
LICENSE
No. 66648

STATE OF
NEW YORK



Professional Engineer



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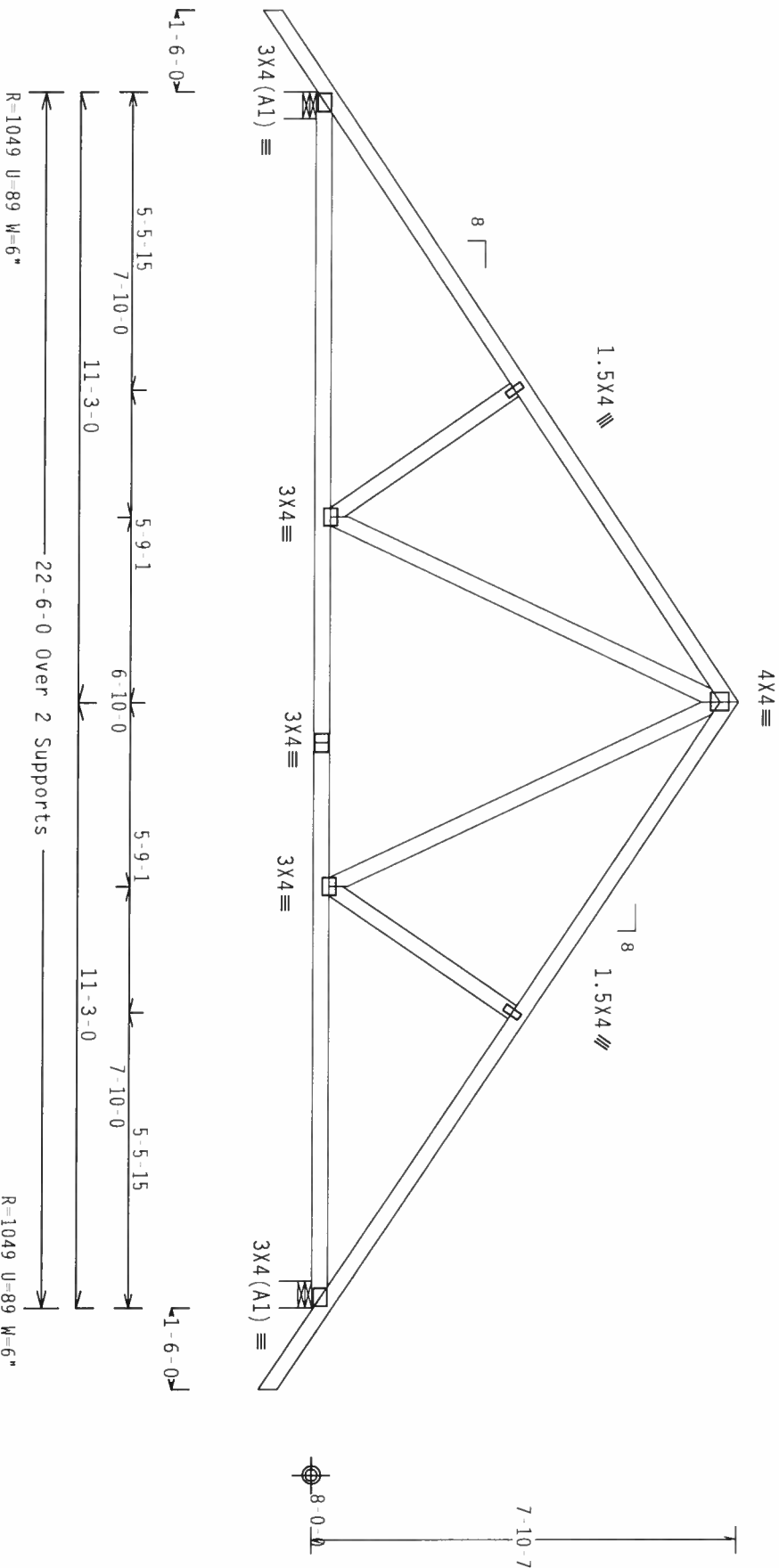
TC LL	20.0 PSF	REF	R8228- 58637
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320070
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	60923
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	UREF-	1TC18228Z04

(7 329 Sparks Construction Cochenour Lot 6 Pinemount Meadows Subdvn , ** 01)
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located
anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

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

Wind reactions based on MMFRS pressures.



PLT TYP. Wave

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

7.36.042

QTY:1

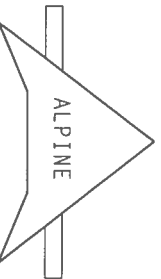
FL/-/4/-/E/-/-

Scale = .3125"/ft.

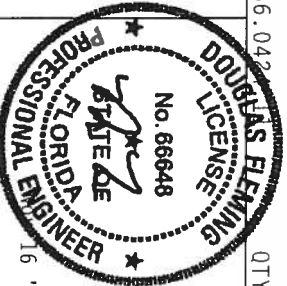
****WARNING**** TRUSSES REQUIRE EXTERIOR CARPENTRY, FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD PRES. COUNCIL OF AMERICA), 6300 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI 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 CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA AND TPI. TPI BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/V) ASH 6053 GRADE OR 40/60 (W, K/H, SS) GALV. STEEL. APPLY THE FOLLOWING TO ALL TRUSSES UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOR ONLY BY THE TPI-2002 SEC. 3 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 Approval # 01770



TC LL	20.0 PSF	REF	R8228 - 58638
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCU8R8228 07320002
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	60970
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF	1TC18228Z04

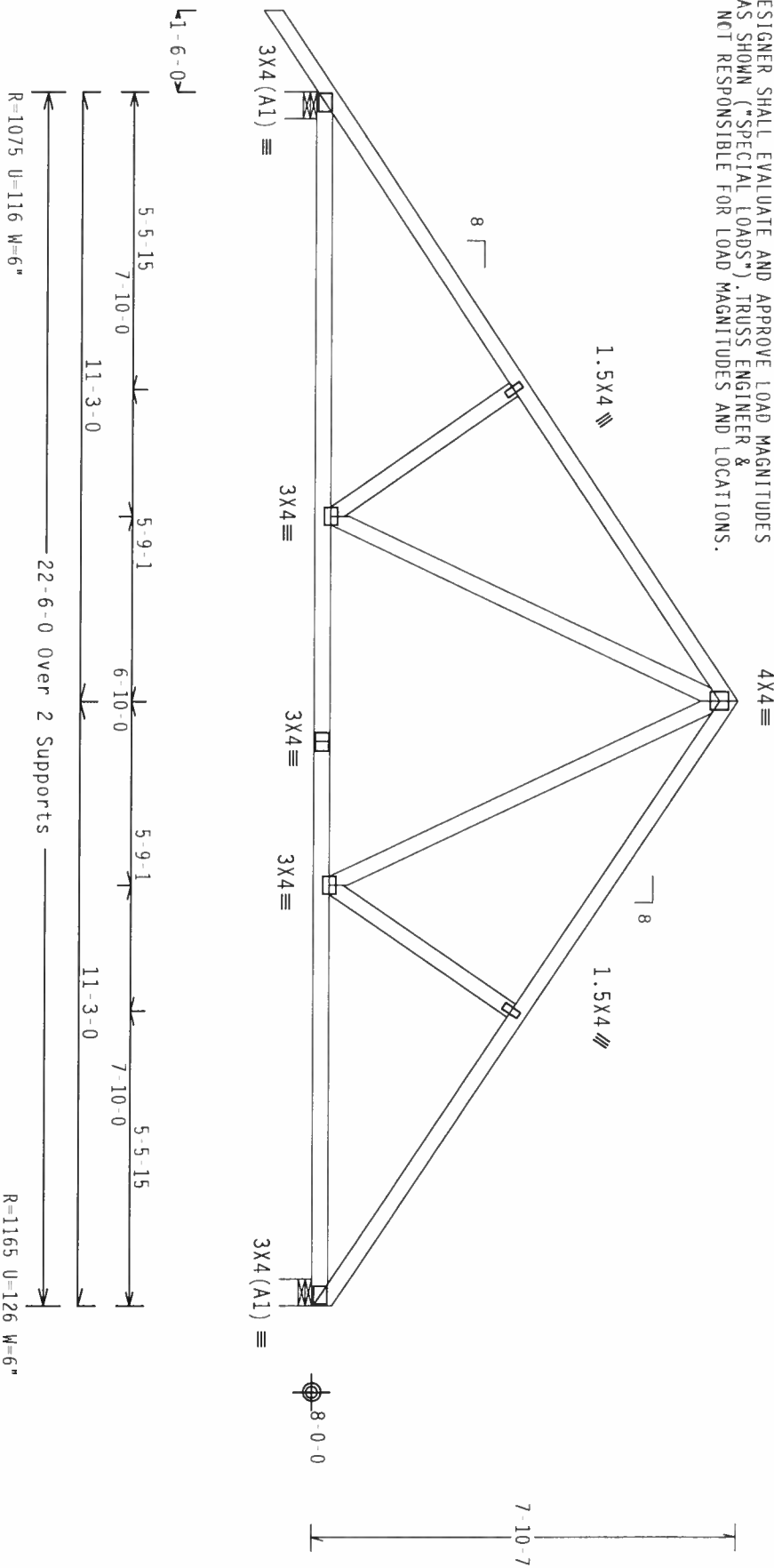
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	64 PLF at -1.50 to	64 PLF at 11.25
TC - From	64 PLF at 11.25 to	64 PLF at 22.50
BC - From	5 PLF at -1.50 to	5 PLF at 0.00
BC - From	20 PLF at 0.00 to	20 PLF at 12.00
TC - From	20 PLF at 12.00 to	20 PLF at 22.50
TC -	246 LB Conc. Load at 20.33	

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpl (+/-)=0.18
Wind reactions based on MMFRS pressures.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS.



PLT TYP. Wave

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

7.36.042

QTY:1

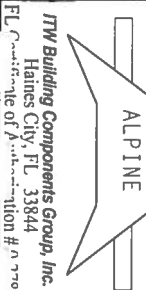
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Scale = .3125"/ft.

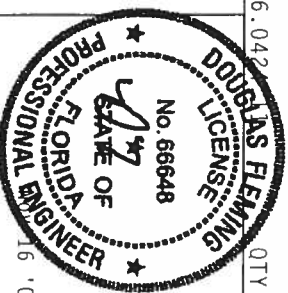
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK (WOOD TRUSS COUNCIL OF AMERICA), 6200 CHERRYBARK 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.

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 CORRECTIONS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. THE BCG SHALL 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.



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



TC LL	20.0 PSF	REF R8228- 58639
TC DL	10.0 PSF	DATE 11/16/07
BC DL	10.0 PSF	DRW HCUR8228 07320003
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEON- 61564
DUR.FAC.	1.25	FROM AH
SPACING	SEE ABOVE	JREF- 1TC18228204

D3)

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

THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS. PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.



Scale = 3125"/Ft+

DOUGLAS
LICENSE
No. 66648

TC LL	20.0 PSF	REF	R8228 - 58640
TC DL	10.0 PSF	DATE	11/16/07

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הוא נמצא וסלולרית (מאמצי) ויש להם מלאכה של 100 גרם)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCF (+/-)=0.18

Wind reactions based on MWFRS pressures.

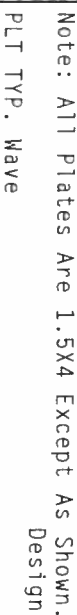
See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

Stacked top chord must NOT be notched or cut in area (N_{NL}). Dropped

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in noticable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in noticable area using 3x4 tie plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.

6X8(R) III


$$\text{TP1-2002(STD)}/\text{FBC}$$

$$\text{Cq}/\text{RT}=1.00(1.25)$$

7.36.04341AS FLE
QTY:1

QTY:1 FL/-/4/-/FL/-/-

Scale = .3125"/Ft.

BRACING,
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No. 66648

STATE OF

16 '07

DUR.FAC.	1.25
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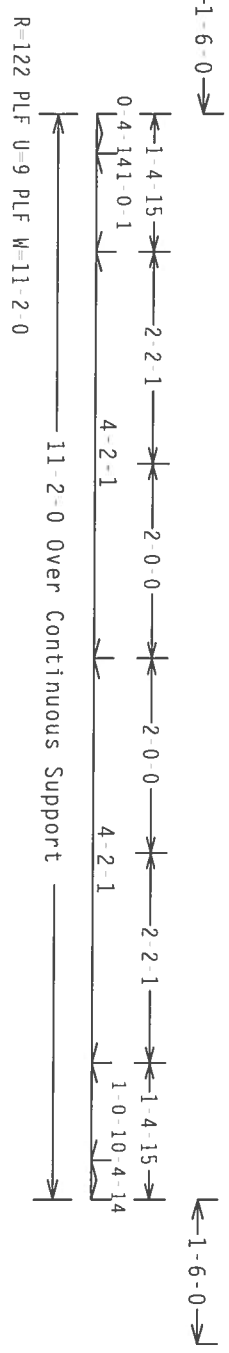
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110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT 11, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GcP1 (+/-) -0.18

Wind reactions based on MW-RS pressures.

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

CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.



Design Crit: TPI-2002(STD)/FBC

$$\underline{Cq/RT=1.00(1.25)/0(0)}$$

Scale = .5"/ft.

BRACING,
SUIT, 218
A. 6300
UNLESS
SIGNAL HAVE

DOUBLE
LICENSE

No. 66648

SHALL NOT

STATE OF
TR

FLORIDA
INVESTMENT
CORPORATION
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16 '07

100 OF 100

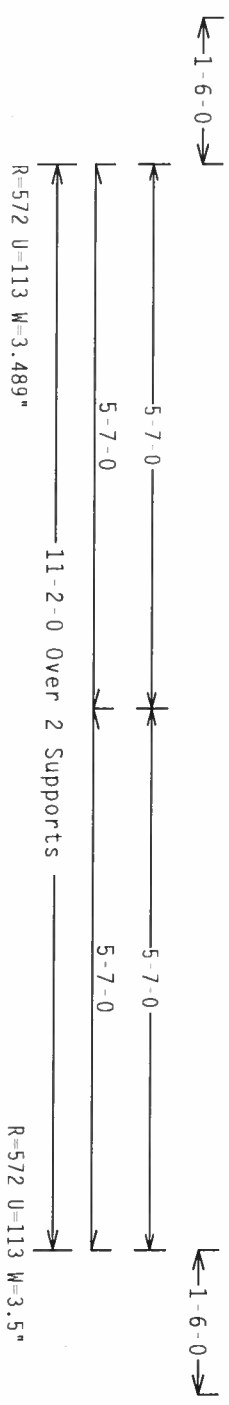
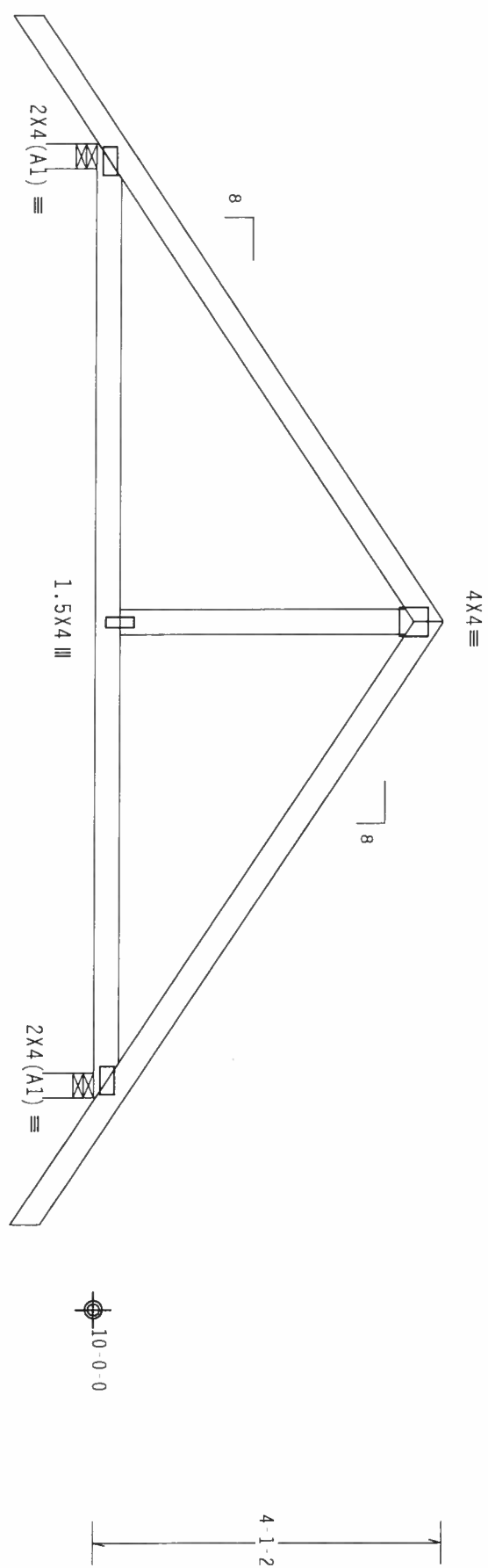
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(7 329 Sparks Construction Cochenour Lot 6 Pinemount Meadows Subdivn , ** E1)
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpl (+/-)=0.55
Wind reactions based on MMFRS pressures.

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

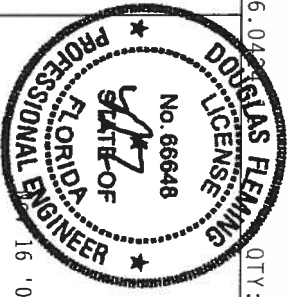
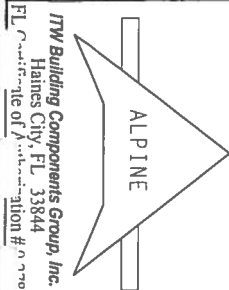


PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)
7.36.04
QTY:1
FL/-/4/-/E/-/-
Scale=.5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (NATIONAL 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.

****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 COMPLIES WITH APPLICABLE PROVISIONS OF 905 (NATIONAL DESIGN SPEC. BY AREA) AND TPI. 11W BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (W/H/S/S/R) ASH 6053 GRADE 40/60 (W. K/1.55) GALV. STEEL. APPLY TO ALL TRUSSES. ALL TRUSSES SHOWN LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES IS TO BE DONE BY THE ENGINEER. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS CONTRACTOR SHALL MAINTAIN THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TP1 SEC. 2.



TC LL	20.0 PSF	REF	R8228-58643
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCU8R8228 07320006
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	61016
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TC18228Z04

Top chord 2x4 SP #2 Dense :T4 2x6 SP #2:
Bot chord 2x8 SP SS

Weds 2x4 SP #3 :W2, W7, W14 2x4 SP #2 Dense:
W9 2x6 SP #2:

:Rt Slider 2x4 SP #3: BLOCK LENGTH = 3.906'

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 20.83
TC - From 64 PLF at 20.83 to 64 PLF at 32.21
TC - From 64 PLF at 32.21 to 64 PLF at 34.88
TC - From 64 PLF at 34.88 to 64 PLF at 40.50
BC - From 20 PLF at 0.00 to 20 PLF at 22.00
BC - From 20 PLF at 22.00 to 20 PLF at 39.00
BC - From 5 PLF at 39.00 to 5 PLF at 40.50
PLT - 241 LB Cenc. Load at (34.88,11.07)
BC - 1083 LB Cenc. Load at 1.06
BC - 2839 LB Cenc. Load at 31.94
BC - 1272 LB Cenc. Load at 33.40
PLB - 725 LB Cenc. Load at (3.06,10.04)
PLB - 657 LB Cenc. Load at (5.06,10.04), (7.06,10.04), (8.94,10.04), (9.94,10.04), (11.94,10.04), (13.94,10.04), (15.94,10.04), (17.94,10.04)
PLB - 1090 LB Cenc. Load at (19.94,10.04), (21.94,10.04), (23.94,10.04)
PLB - (25.94,8.04), (27.94,8.04), (29.94,8.04)
PLB - 88 LB Conc. Load at (34.88,8.04)

Left end vertical not exposed to wind pressure.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @4.00" o.c.
Webs : 1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 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. Iw=1.00 GCPI(+/-)-0.18

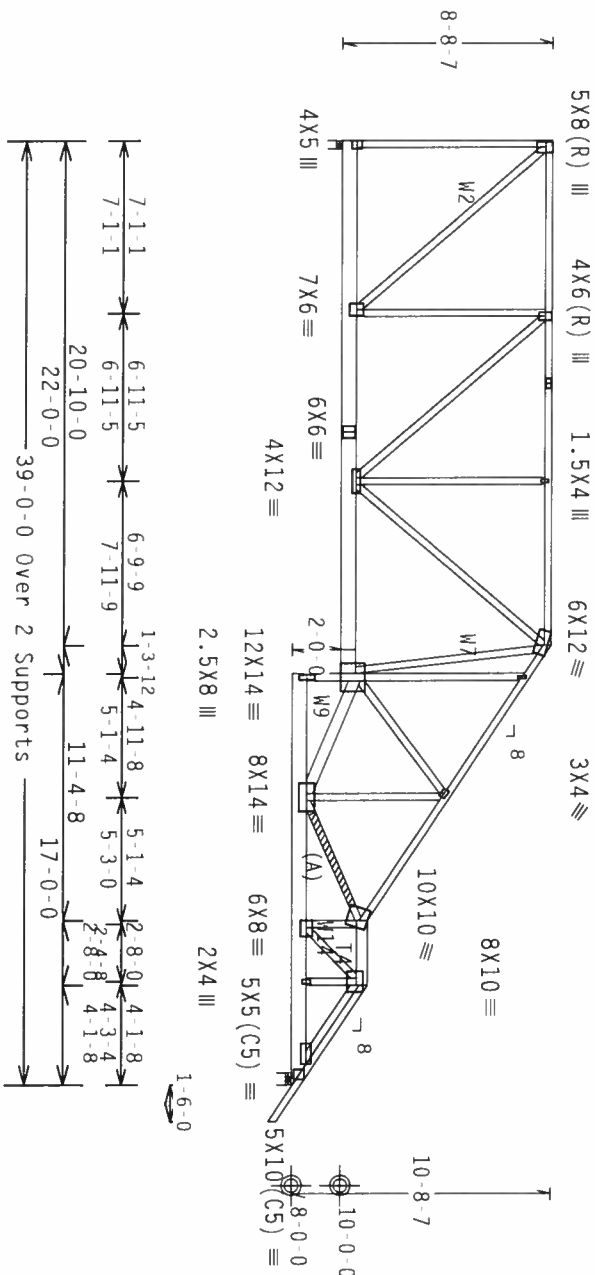
Wind reactions based on MMFRS pressures.

Max JT VERT DEFL: LL: 0.30" DL: 0.45" recommended camber 3/4"

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails@ 6" OC.

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

3X5 ≡ Deflection meets L/240 live and L/180 total load. Creep 1.5X4 ≡ increase factor for dead load is 1.50.



R=10089 U=1085 W=4"

R=11333 U=1291 W=6"

PLT TYP. Wave

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

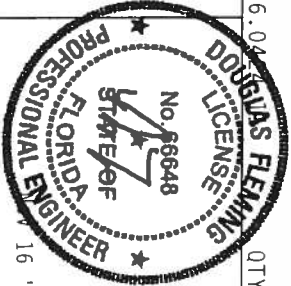
QTY:1 FL/-/4/-/E/-/-

Scale = .125"/ft.

WARNING TRUSSES IN THIS DESIGN ARE THE PROPERTY OF THE DESIGNER. THE DESIGNER SHALL 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 CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.

ALPINE

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



TC LL	20.0 PSF	REF	R8228- 58644
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320086
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	61644
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JRFF-	1TCIR8278204

F8)

110 mph wind, 15.00 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 MWRFS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



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

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

7.36.042

QTY:1

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

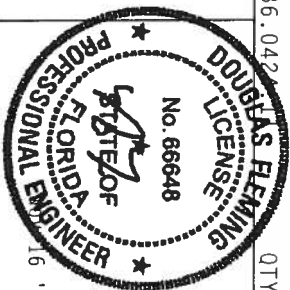
Scale = .25"/Ft.

* "WARNING" LABELS (BUILDING COMPONENT SAFETY INFORMATION), HANDED BY IP1 (FIRMS PRACTICE INSTITUTE), 218 NORTH 16 STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND AFCA (GOOD TREES COUNCIL OF AMERICA, 63000 CLEVELAND LANE, HADSPY, IN, 43139) FOR SAFETY PRACTICES PRIOR TO PURCHASING THESE PRODUCTS. UNDESIRABLE INDICATED FOR GROUND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GROUND SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844
FL 33844
FL 33844



TC LL	20.0 PSF	REF	R8228- 58646
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07320058
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	61138
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TC18228Z04

(7 329 Sparks Construction Cochenour Lot 6 Pinemount Meadows Subdvn , ** F GE)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x6 SP #2 :B2 2x4 SP #2 Dense:
 Webs 2x4 SP #3

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

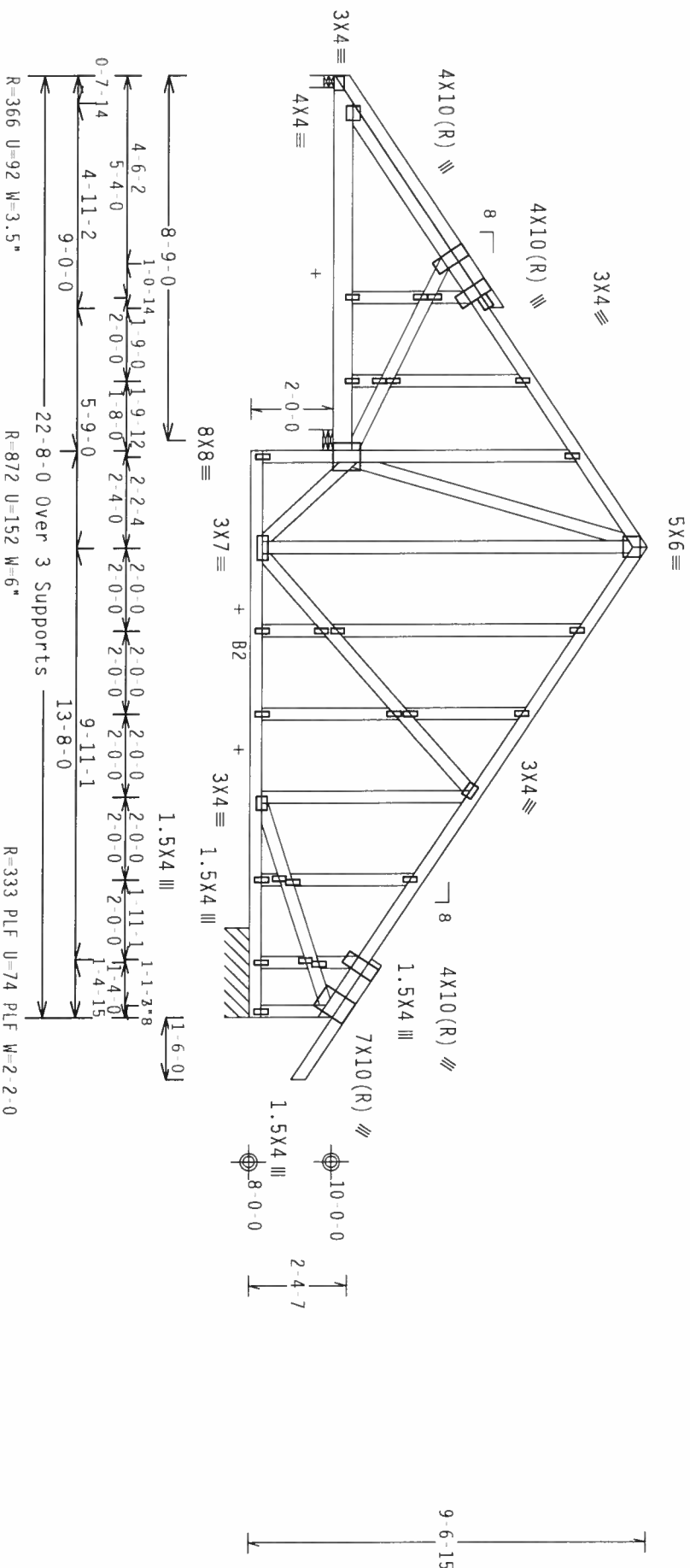
+ MEMBER TO BE Laterally Braced For Wind Loads Perpendicular To Truss. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. 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. 1w=1.00 Gcpl(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Note: All Plates Are 1.5x4 Except As Shown.

PLT TYP. Wave

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

7.36.04

QTY:1

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

Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER TO BESET (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICK (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.

****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 TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. BY ATRAP AND TPI. THE BCG DESIGN CONTRACTS WITH APPLICABLE PROVISIONS OF THE QUALITY DESIGN SPEC. FOR TRUSSES.

CONNECTIONS ARE MADE OF 20/18/16 GA. (E-1/55/5) ASH AREA GRADE 40/40 (E-1/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1600-2. ALL TRUSSES SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES THE SIGNATURE OF THE DESIGNER. THE SIGNATURE OF THE DESIGNER SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
 Gaines City, FL 33844
 PLT TYP. Wave



TC LL	20.0 PSF	REF R8228- 58647
TC DL	10.0 PSF	DATE 11/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07320053
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEON- 61130
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JRFF- 1TC18228204

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

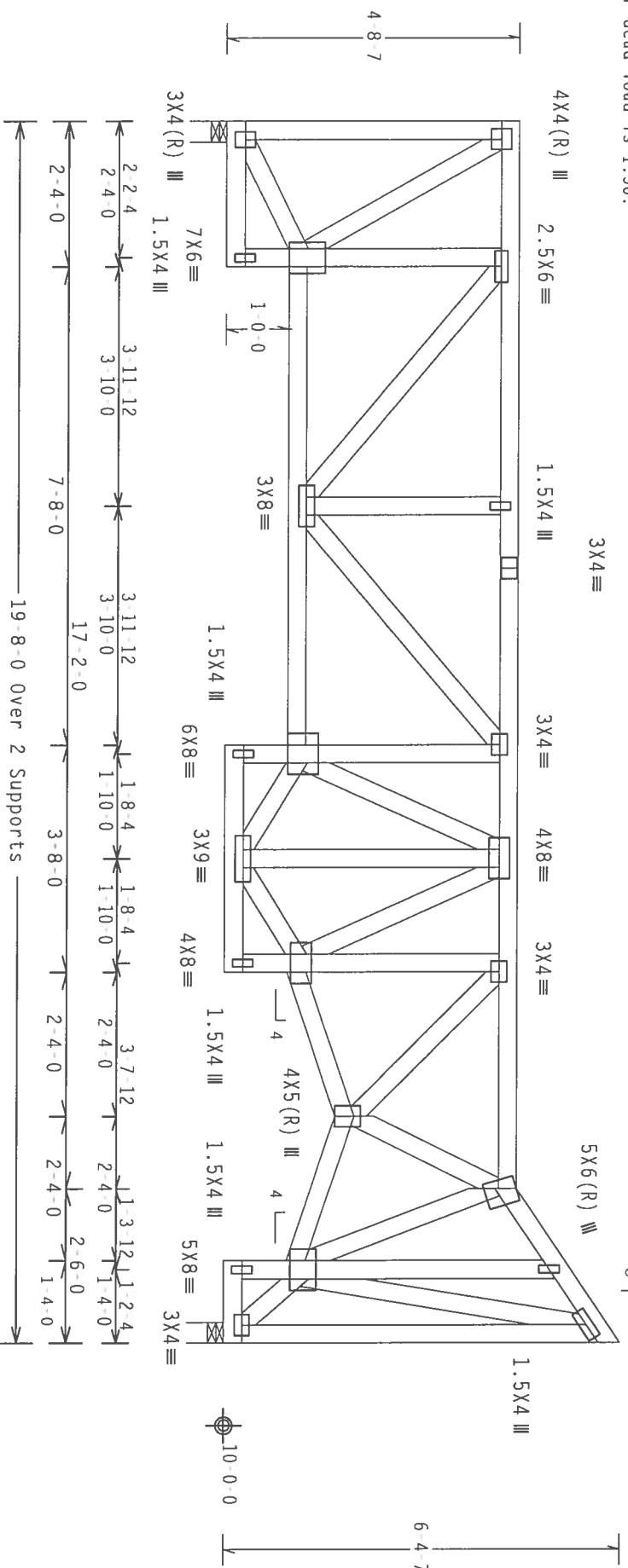
TC	From	60 PLF at 0.00 to 60 PLF at 7.17
TC	From	60 PLF at 7.17 to 60 PLF at 17.17
TC	From	64 PLF at 17.17 to 64 PLF at 19.67
BC	From	20 PLF at 0.00 to 20 PLF at 2.33
BC	From	20 PLF at 2.33 to 20 PLF at 10.00
BC	From	20 PLF at 10.00 to 20 PLF at 13.67
BC	From	21 PLF at 13.67 to 21 PLF at 16.00
BC	From	21 PLF at 16.00 to 21 PLF at 18.33
BC	From	20 PLF at 18.33 to 20 PLF at 19.67
TC	246 LB Conc. load at	1.83, 5.33, 8.83

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.

110 mph wind, 15.54 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, with BC DL=5.0 psf. lw=1.00 gcpl(+/-)=0.18
 End verticals not exposed to wind pressure.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

THE BUILDING DESIGNER SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS AS SHOWN ("SPECIAL LOADS"). TRUSS ENGINEER & FABRICATOR ARE NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS. PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.

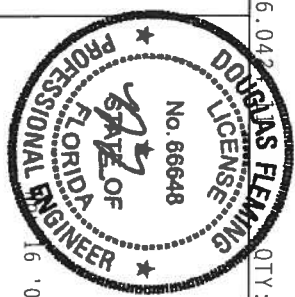


PLT TYP. Wave
 Design Cnt: TPI 2002(STD)/FBC
 Cq/RT=1.00(1.25)/0.00
 R=1326 U=154 W=4"
 R=1000 U=116 W=4"
 Scale = .375"/ft.

****WARNING**** TRUSSES ROUTED EXTERIOR GABLE TO FABRICATOR, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND MICA (WOOD TRUSS, COUNCIL OF AMERICA, 6300 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.

****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 TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. 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 & BRACING OF TRUSSES.

DESIGNER FOR PLATES ARE MADE OF 20/10/16 (W/J/S/S) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY FACTOR OF SAFETY OF 1.5 TO ALL LOADS. ALL TRUSSES SHALL BE DESIGNED TO MEET THE STATE OF THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. 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.



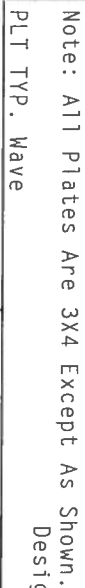
המחלקה לבריאות הציבור, משרד הבריאות, תל אביב, ישראל

110 mph wind, 15.00 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 MMFRS pressures.

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

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



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

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

QTY: 1

FL/141/E1-1-

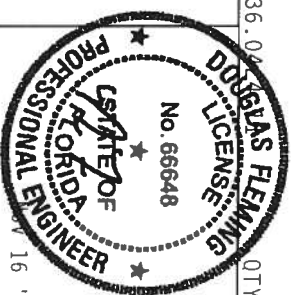
Scale = .1875"/Ft.

WARNING—FIBRES, FIBROUS EXTRINSIC CASE, IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND DRACING NEED TO BE SAFE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (STRESS PASTE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314), AND ALSO (WOOD TRUSS COUNCIL, OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES AND PRIOR TO PERFORMING THE UNLESS OTHERWISE INDICATED FOR 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. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DILATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TITLE OR FABRICATING, UNLOADING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC., BY AISC AND IP1. ALL CONNECTION PLATES ARE MADE OF 20/10/1604 (M.H./55/K) ASTM A653 GRADE 40/60 (M./K.H./55) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 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/FP 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0000

TC LL	20.0 PSF	REF	R8228- 58650
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	HCSR8228 07320057
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	61510
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TCIR228Z04

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

SPECIAL LOADS

TC	From	DUR.FAC. 1.25 / PLATE DUR.FAC. 1.25)	60 PLF at 0.00 to 60 PLF at 19.67
BC	From	20 PLF at 0.00 to 20 PLF at 2.33	
BC	From	20 PLF at 2.33 to 20 PLF at 10.00	
BC	From	20 PLF at 10.00 to 20 PLF at 13.67	
BC	From	21 PLF at 13.67 to 21 PLF at 16.00	
BC	From	21 PLF at 16.00 to 21 PLF at 18.33	
BC	From	20 PLF at 18.33 to 20 PLF at 19.67	
TC	246 LB Conc. Load at	1.83, 5.33, 8.83	

Wind reactions based on MWFRS pressures.

110 mph wind, 17.37 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 Gcpi(1/-)=0.18

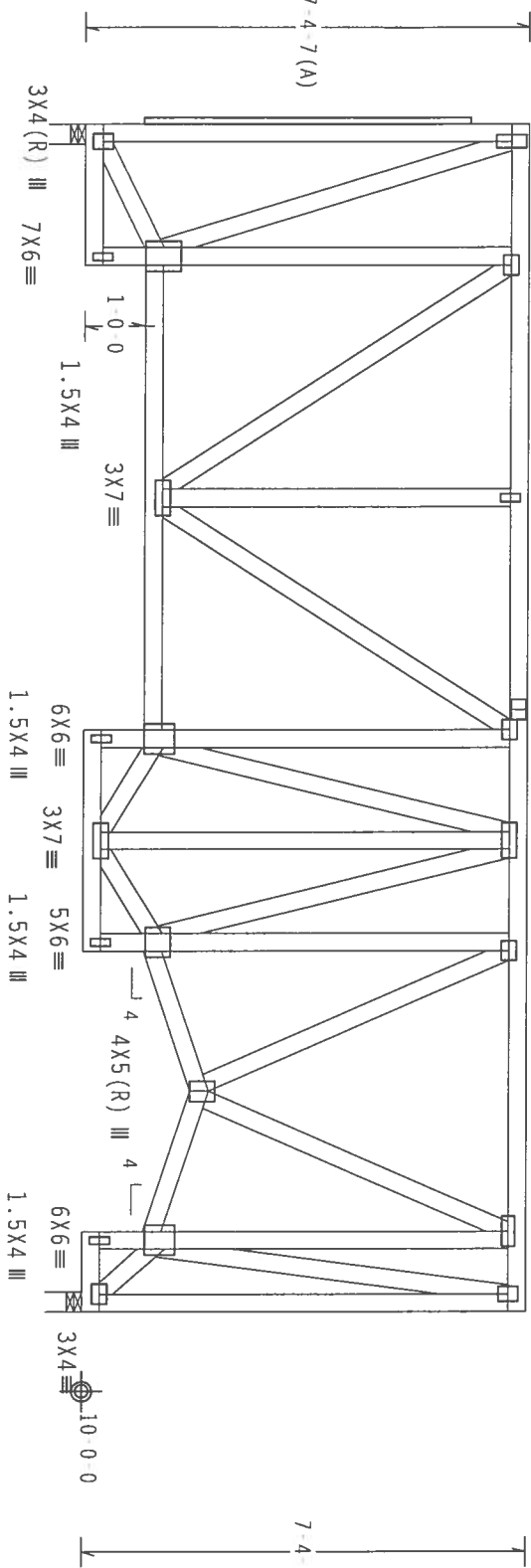
End verticals not exposed to wind pressure.

(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.

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

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

2.5X6(R) III 3X4 III 1.5X4 III 3X4 III 3X7 III 3X4 III 2.5X6 III 3X4(R) III



TC	From	60 PLF at 0.00 to	60 PLF at 19.67
BC	From	20 PLF at 0.00 to	20 PLF at 2.33
BC	From	20 PLF at 2.33 to	20 PLF at 10.00
BC	From	20 PLF at 10.00 to	20 PLF at 13.67
BC	From	21 PLF at 13.67 to	21 PLF at 16.00
BC	From	21 PLF at 16.00 to	21 PLF at 18.33
BC	From	20 PLF at 18.33 to	20 PLF at 19.67
TC	246 LB Conc.	Load at 1.83, 5.33, 8.83	

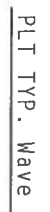
110 mph wind, 16.04 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

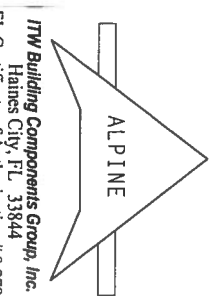
End verticals not exposed to wind pressure.

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

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



Scale = .3125"/ft.



4 COMPLETE TRUSSES REQUIRED
Nailing Schedule: (12d_Common_ (0.148"x3.25",

Nailing Schedule: (12d_common_(0.148"x3.25",_min_)_nails)

Webs : 1 Row @ 4" O.C.

In addition apply (1) 1/2" bolt at each bottom chord joint location.

plot details for special positioning requirements.

2010-11-10 10:10:10

Wind reactions based on MMFRS pressures.

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

5X5 \equiv

QTY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

043
DOUGLAS FLEMING
LICENSE
No. 66648
QTY

DOOR LICENSE
No. 66648

REF	R8228 - 58654
DATE	11/16/07



HC-ENG	DF/DF
SEQN -	61602
FROM	AH
JRFF -	1TC18228204

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x6	SP	#2	
	webs	2x4	SP	#3	

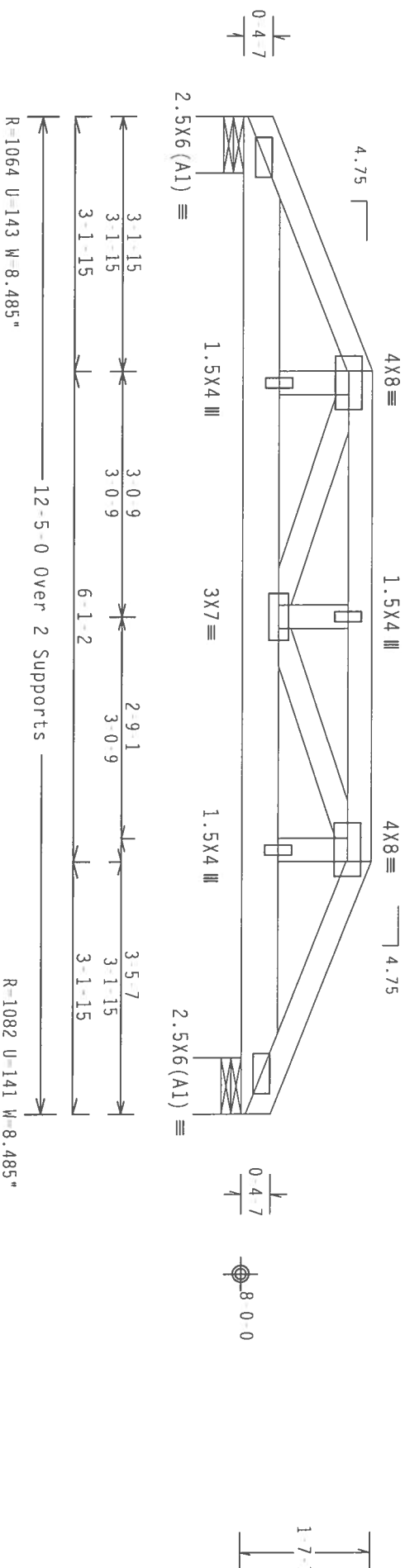
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G C p_i(r)=0.18$

Wind reactions based on MIFRS pressures.

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

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

SPECIAL LOADS		(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)	
TC	From	62 PLF at 0.00 to	62 PLF at 3.16
TC	From	62 PLF at 3.16 to	62 PLF at 9.26
TC	From	62 PLF at 9.26 to	62 PLF at 12.42
BC	From	20 PLF at 0.00 to	20 PLF at 12.42
TC	73 LB Conc.	Load at 1.54	10.88
TC	21 LB Conc.	Load at 2.22	10.20
TC	2 LB Conc.	Load at 3.16	9.26
TC	14 LB Conc.	Load at 4.97	6.21
BC	132 LB Conc.	Load at 0.96	11.62
BC	21 LB Conc.	Load at 1.54	10.88
BC	9 LB Conc.	Load at 2.22	10.20
BC	215 LB Conc.	Load at 2.94	7.65
BC	5 LB Conc.	Load at 3.16	9.26
BC	220 LB Conc.	Load at 4.94	6.29
BC	5 LB Conc.	Load at 7.45	



PLT TYP. Wave

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

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

QTY:1

FL/141/E1-1-

Scale = .5" / Ft.

WARNING FIRE, SMOKE, RICOCHET, GASES, INFLAMMATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFERENCED HEREIN. (FOLLOWING COMPANY SAFETY INFORMATION) PUBLISHED BY THE FIRMS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NICK AND NEDD BRISS, CONSULT. OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO HANDLING THESE PRODUCTS, UNLESS OTHERWISE INDICATED FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GOOD SHALL HAVE A PROPERLY ATTACHED TOP CEILING.

****IMPORTANT**** I URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BFG, INC. SHALL NOT

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES

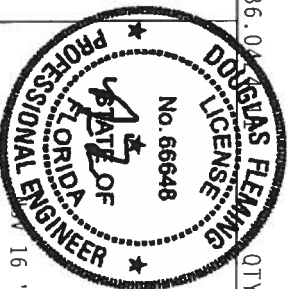
DESIGN CONFORMS TO ALL APPLICABLE PROVISIONS OF MOS (NATIONAL DESIGN SPEC., BY AREA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/166A (H, U/55/K) ASTM A653 GRADE 40/60 (H, K/1/55) GALV. STEEL. PLATES IN EACH FACT OF BIRDS AND THOSE OTHERWISE LOCATED ON THIS DESIGN. APPLY TO ALL BIRDS.

PLATES TO EACH OF THE 1003 RODS, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A AND 160B.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEC A3 OF IP11 2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS AND NOT FOR THE CHORDS. A SEAL ON THIS DRAWING IS REQUIRED.

DESIGN SHOW, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

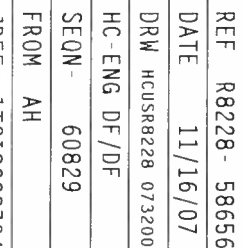


ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Registration # 00000000

DUR.FAC.	1.25
SPACING	24.0

FROM AH
JREF - 1TCI8228Z04

Wind reactions based on MWRFS pressures.



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

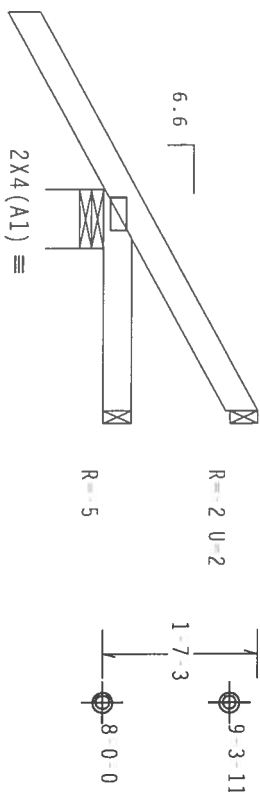
TC LL	20.0 PSF	REF	R8228 - 58657
TC DL	10.0 PSF	DATE	11/16/07
BC DL	10.0 PSF	DRW	H0588228 07320031
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	60834
DUR.FAC.	1.25	FROM	AH

(7-329 Sparks Construction Cochenour - Lot 6 Pinemount Meadows Subdvn , ** - HJ1)

Bearing reactions of 5# at (2-3-4, 8-0-0), 2# at (2-3-4, 9-3-1), require special connection to resist uplift from loads other than wind.

Wind reactions based on MIFRS pressures.

Hipjack supports 1-7-4 setback jacks with no webs.



$\overbrace{1\ 9\ 13}^{\text{2 3 4 Over 3 Supports}}$
 $R=119\ U=17\ W=7.268''$

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

$$C_q/RT=1.00(1.25)/0(0)$$

7.36.042

QTY:1

FL1-141-E1-1-

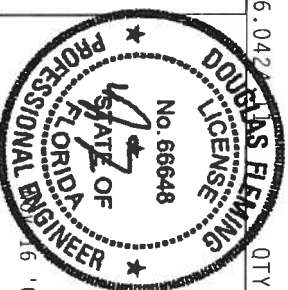
Scale = .5" / Ft.

WARNING ALL TRIES BUILDING EXISTING CASE TO FORMATION. HANDLING, SHUTTING, INSTALLING AND BRACING
BEFORE THE CONSTRUCTION OF THE STRUCTURE. THIS DOCUMENT IS NOT A CONTRACT. IT IS A GUIDE.
(BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE THRUSS PRACTICE INSTITUTE, 218
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 OR FAX (703) 690-0000. TRUSS COMPANY, 6300
ENTERPRISE LANE, MIDDLEBURY, VT 55749 FOR SAFETY PRACTICES WITHIN TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE
PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.

FL 33000
Name of Applicant
City, FL 33044
Address #



16.07

DUR.FAC. 1.25

SPACING SEE ABOVE

FROM AH
JREF - 1TCI8228Z04