ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 2 Document ID:1T938228Z0116132604

Truss Fabricator: Anderson Truss Company

Job Identification: 7-1408--Isaac Construction Jeremy Cady -- , **

Truss Count: 127

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.36, 7.25.

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 = 90 MPH ASCE 7-02 -Closed

Notes:

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

J. K.

Seal Date: 07/16/2007

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

Drawing# Date

Details: PIGBACKA-PIGBACKB-A11015EE-GBLLETIN-BRCLBSUB-A11030EE-A11015EC-TCFILLER-BCFILLER-REPBCFIL-

#	Ref Description	Drawing#	Date
1	81159 AP9	07197007	07/16/07
2	81160A6	07197001	07/16/07
3	81161A7	07197002	07/16/07
4	81162A8	07197003	07/16/07
5	81163A14-GE	07197018	07/16/07
6	81164A10	07197022	07/16/07
7	81165A15	07197023	07/16/07
8	81166A5	07197004	07/16/07
9	81167 A2	07197031	07/16/07
10	81168A6G	07197008	07/16/07
11	81169 A1 - GE	07197046	07/16/07
12	81170 A12	07197006	07/16/07
13	81171A2	07197058	07/16/07
14	81172A3	07197009	07/16/07
15	81173A4	07197094	07/16/07
16	81174A11	07197007	07/16/07
17	81175 A13	07197005	07/16/07
18	81176B5G	07197002	07/16/07
19	81177B7	07197005	07/16/07
20	81178BP5	07197006	07/16/07
21	81179B6	07197008	07/16/07
22	81180 = = MGB	07197009	07/16/07
23	81181 B8	07197019	07/16/07
24	81182B3	07197020	07/16/07
25	81183B2	07197029	07/16/07
26	81184 B4	07197030	07/16/07
27	81185 - B13	07197010	07/16/07
28	81186 B10	07197053	07/16/07
29	81187 B12	07197076	07/16/07
30	81188B9G	07197087	07/16/07
31	81189 B14	07197011	07/16/07
32	81190B11	07197089	07/16/07
33	81191B1	07197109	07/16/07
34	81192 C1	07197063	07/16/07
35	81193 C4	07197093	
36	81194 C2	07197097	07/16/07

# Ref Description Drawing# Date 37 81195C3 07197098 07/16/0 38 81196D1 07197074 07/16/0 39 81197D2 07197079 07/16/0 40 81198D5 07197082 07/16/0 41 81199D6 07197086 07/16/0 42 81200D4 07197090 07/16/0 43 81201D3 07197092 07/16/0 44 81202HJR2 07197001 07/16/0 45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	4
38 81196D1 07197074 07/16/0 39 81197D2 07197079 07/16/0 40 81198D5 07197082 07/16/0 41 81199D6 07197086 07/16/0 42 81200D4 07197090 07/16/0 43 81201D3 07197092 07/16/0 44 81202HJR2 07197001 07/16/0 45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	
40 81198D5 07197082 07/16/0 41 81199D6 07197086 07/16/0 42 81200D4 07197090 07/16/0 43 81201D3 07197092 07/16/0 44 81202HJR2 07197001 07/16/0 45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	1
40 81198D5 07197082 07/16/0 41 81199D6 07197086 07/16/0 42 81200D4 07197090 07/16/0 43 81201D3 07197092 07/16/0 44 81202HJR2 07197001 07/16/0 45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	1
41 81199D6 07197086 07/16/0 42 81200D4 07197090 07/16/0 43 81201D3 07197092 07/16/0 44 81202HJR2 07197001 07/16/0 45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	
42 81200 D4 07197090 07/16/0 43 81201 D3 07197092 07/16/0 44 81202 HJR2 07197001 07/16/0 45 81203 JB2 07197011 07/16/0 46 81204 JB1 07197012 07/16/0 47 81205 EJB 07197013 07/16/0	
43 81201D3 07197092 07/16/0 44 81202HJR2 07197001 07/16/0 45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	
44 81202HJR2 07197001 07/16/0 45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	1
45 81203JB2 07197011 07/16/0 46 81204JB1 07197012 07/16/0 47 81205EJB 07197013 07/16/0	
47 81205EJB 07197013 07/16/0	
48 81206JB5 07197014 07/16/0	
49 81207JB4 07197015 07/16/0	
50 81208JB3 07197017 07/16/0	
51 81209JB6 07197021 07/16/0	
52 81210JS7 07197027 07/16/0	
53 81211JR4 07197033 07/16/0	
54 81212JR1 07197034 07/16/0	
55 81213-5JR2 07197035 07/16/0	
56 81214HJS 07197036 07/16/0	
57 81215JS5 07197042 07/16/0	
58 81216JS4 07197043 07/16/0	
59 81217JS1 07197048 07/16/0	
60 81218JR5 07197049 07/16/0	
61 81219JS2 07197050 07/16/0	
62 81220EJK 07197051 07/16/0	
63 81221JS3 07197055 07/16/0	
64 81222HJR1 07197056 07/16/0	
65 81223JK3 07197057 07/16/0	
66 81224JR3 07197062 07/16/0	
67 81225JK1 07197066 07/16/0	.
68 81226HJK1 07197068 07/16/0	
69 81227JC3 07197069 07/16/0	
70 81228JK2 07197070 07/16/0	
71 81229 HJC 07197071 07/16/0	
72 81230JC1 07197072 07/16/0	

Description



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Floor - N/A

Wind - 90 MPH ASCE 7-02 -Closed

Notes:

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Details: PIGBACKA-PIGBACKB-A11015EE-GBLLETIN-BRCLBSUB-A11030EE-A11015EC-TCFILLER-BCFILLER-REPBCFIL-

#	Ref Description	Drawing#	Date
73	81231HJK2	07197078	07/16/07
74	81232EJC	07197080	07/16/07
75	81233 JC4	07197081	07/16/07
76	81234 JC2	07197083	07/16/07
77	81235 JC6	07197084	07/16/07
78	81236 JC5	07197085	07/16/07
79	81237 JS6	07197101	07/16/07
80	81238HJB1	07197108	07/16/07
81	81239 K2	07197052	07/16/07
82	81240 K4G	07197060	07/16/07
83	81241K1G	07197061	07/16/07
84	81242K3	07197067	07/16/07
85	81243BP4	07197003	07/16/07
86	81244BP6	07197004	07/16/07
87	81245AP8	07197012	07/16/07
88	81246SP4	07197024	07/16/07
89	81247AP3	07197025	07/16/07
90	81248AP2	07197026	07/16/07
91	81249BP3	07197028	07/16/07
92	81250AP4	07197037	07/16/07
93	81251AP7	07197038	07/16/07
94	81252AP6	07197039	07/16/07
95	81253AP5	07197040	07/16/07
96	81254SP1	07197044	07/16/07
97	81255BP1	07197045	07/16/07
98	81256SP3	07197047	07/16/07
99	81257 CP1	07197054	07/16/07
100	81258BP9	07197073	07/16/07
101	81259CP3	07197075	07/16/07
102	81260BP8	07197077	07/16/07
103	81261 BP7	07197088	07/16/07
104	81262 DP1	07197095	07/16/07
105	81263 CP2	07197096	07/16/07
106	81264 DP2	07197099	07/16/07
107	81265 DP3	07197013	07/16/07
108	81266 DP4	07197100	07/16/07

#	Ref Description	Drawing#	Date
109	81267 BP2	07197102	07/16/07
110	81268DP5	07197103	07/16/07
111	81269 DP6	07197104	07/16/07
112	81270DP7	07197105	07/16/07
113	81271 KP1	07197106	07/16/07
114	81272 AP1	07197107	07/16/07
115	81273 R2	07197010	07/16/07
116	81274 R1G	07197032	07/16/07
117	81275R3	07197064	07/16/07
118	81276S5	07197016	07/16/07
119	81277 S4	07197041	07/16/07
120	81278 S2	07197059	07/16/07
121	81279 S3	07197065	07/16/07
122	81280S1	07197091	07/16/07
123	81281 X2	07197018	07/16/07
124	81282X1-GE	07197014	07/16/07
125	81283 Z2	07197015	07/16/07
126	81284Z1	07197016	07/16/07
127	81285 Z3 - GE	07197017	07/16/07



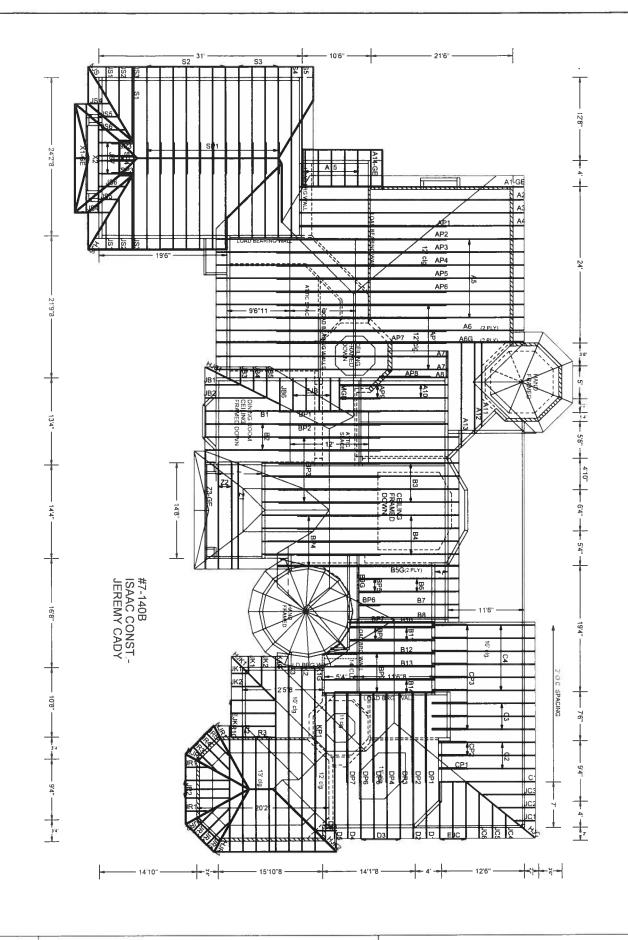


-Truss Design Engineer-

James F. Collins Jr.

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





JOB NO: 7-140B PAGE NO: 1 OF 1 JOB DESCRIPTION:: Isaac Construction /: Jeremy Cady

-140B - Isaac Construction Jeremy Cady AP9

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

110 mph wind, 32.08 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=2.0 psf. Iw=1.00 GCpi(+/)=0.18

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

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

Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

TC BC Wind reactions based on MWFRS pressures. SPECIAL LOADS -- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
From 66 PLF at =0.62 to 66 PLF at 3.36
From 68 PLF at 3.36 to 68 PLF at 5.45
From 4 PLF at -0.62 to 4 PLF at 5.45

Bottom chord checked for 20.00 psf non-concurrent live load

2X4(B1) =10 4 X 5 ≡ 2X3 **Ⅲ** 3X3= 12 2X2 III

U=94 W-5.077" 6-0-14 Over ပ်ာ \sim Supports 2 - 1 - 1R-206 U-89 W=3.5"

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

TYP.

Wave

WARNING TRUSSES BEQUIRE TREETE CARE IN FARRICATION, IMMOLING, SHIPPING, INSTALLING AND BRACHIG. RETER TO BEST. (BUTLOTHE COMPONED SAFETY HOMENATOR), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 218 1087). THE STREET, SUITE 312. ALEXANDRIA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIERPISE LANE, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INTEST FUNCTIONS. UNLESS OTHERNISCHALD TOP COMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

** IMPORTANT** THRNIN A COPY OF THIS DESIGN TO THE INSTALLABLE CONTRACTOR. THE BOAS THE CHARACTER AND DESIGN THROUGH THE TRANSPORT OF THE TRAN

ALPINE

Inp MAN MAL KORIOT TATE QTY:2 FL/-/4/-/-/R/-20.0 PSF | REF

						S de
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T938228Z01		SEQN- 2578	HC-ENG TCE/WHK	DRW HCUSR8228 07197007	DATE 07/16/07	REF R8228- 81159

Scale = .5"/Ft.

Top chord 2x4 SP #2 Dense Bot chord 2x6 SP #2 :B3, B5 :B4 2x4 SP #2 Dense: Webs 2x4 SP #3 :W9, W12 110 mph wind, 17.10 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 6.50 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 In lieu of structural panels use purlins to OC. Calculated horizontal deflection is 0.17" $0.31\mbox{''}$ due to dead load. Collar tie braced with continuous lateral bracing rigid ceiling. Wind reactions based on MWFRS pressures. Note: All Plates Are 3X4 Except As Shown. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$ (7 140B | Isaac Construction Jeremy Cady TYP. 0 ALPINE 20 Gauge HS, Wave 8 3X3 III 4 X 5 / #3 :W9, W12 2x6 SP #2: 0 =1724 4 X 4 == **IMPORTANT** FURRISH A CODY OF THIS DESIGN TO THE INSTALATION CONTRACTOR. THE BGG. THE. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY FAILURE TO BRILLD THE TRUSS IN CONFORMANCE WITH LIFE TO BE FARR FOAT AND THE SUPPLY OF THE STATE OF **HARNING** IRUSSIS REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST. (BUILDING COMPONENT SAFETY HURDANIJON), PUBLISHED BY IPI (TRUSS PLAIE INSTITUTE, 218 HORTH LE SIREEL, SUITE 312, ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THRETON. BUILESS OTHERWISE, HUBLACITED TOR FORDES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. U=160 W=5.5" 10 - 110 2x10 SP 5 X 5 = 9-2-0 SS: 5 X 6 = due to live load Design Crit: brace all flat TC 4 X 8 ≡ 2 X 4 III 29-5-4 $\widehat{\mathbb{A}}$ 43-6-0 Over 3 Supports at 24" OC. A6) 8X10= 3 \ 6 ≡ <u>€</u>€ 3X16 III HS258≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4-9-5 W12 (A) 25 - 9 - 15 9 (e) 6 X 1 0 = 3 × 6 ≡ В4 α ВЗ 0 H0308≡ 10-0-0 2 X 4 III R=2355 œ 6 3X3= Nailing Schedule: (12d Box or Gun_(0.128"x3.25", min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 23-11 5 to $33\cdot 11\cdot 5$. (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" 0C. Right end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Bottom chord checked in each row U = 118COMPLETE 7.36 4 -6 - 11W=3.5" 5 X 6 ₩ 8X8 = to avoid splitting 6-13 R-1398 U-114 W-5.5" 5-0-0 ONAL ENGIN В5 P CORIOR 3X3≡ TRUSSES for 20.00 psf non-concurrent live load 80 2 X 3 III * REQUIRED ₩12-0 BC LL ВС TC DL TC 10-0-0 DUR.FAC. SPACING TOT.LD. FL/-/4/-/ P 10.0 20.0 40.0 10.0 24.0" 1.25 -/R/ 0.0 PSF PSF PSF PSF PSF DATE REF SEQN-JREF-HC-ENG DRW HCUSR8228 07197001 Scale =.125"/Ft. R8228-81160 1T938228Z01 TCE/WHK 07/16/07 12 - 0 - 0

Top Top chord 2x4 SP #2 Dense
Bot chord 2x10 SP SS :B1 2x6 SP #1 Dense
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:
:W5, W8 2x6 SP #2: (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. Bottom chord checked for 20.00 psf non-concurrent live load Left end vertical not exposed to wind pressure. Leg-down designed for vertical loads only. (7 140B Isaac Construction Jeremy Cady Haines City, FL 33844 attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from -11-5 to 33-11-5. 10 TYP. ALPINE 20 $\widehat{\geq}$ 3X3= 3X3≡ Gauge HS, Wave SS :B1 2x6 SP #1 Dense: =747 U=202 W=3" 8-9-12 В ** MMODRIANT ** THERES A. COMP OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THE SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALLING TO BRILLY HE RUSS IN COMPORMACE WITH DESIGN CONTRACT AND AND HELD SHIPPING. HIS CALLING A BRACHE OF RUSSES.

BESTER CONTRACT HE APPLICABLE PROPERTIES OF THIS CALLING A BRACHE SHEEL BY ASSAD AND FP.

CONNECTION FAIRS AND ADDED OF THE BESTER AND AND HELD SHEEL APPLY SHEEL AND AND TRICKLE APPLY SHEEL. **WARNING** | RUSSES BEQUIRE EXTREME CARE IN FARRICATION, IMMIDITIG, SHIPPING, INSTALLING AND BRACHIG.
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THI (TRUSS PLATE INSTITUTE, 218HORTH LEE STREET, SHITE 3175, ALEXANDRIA, VA, 27314) AND HICA (HOOD TRUSS COUNCIL O AMERICA, 6300
EHTERPRIST LARE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHUR HUSSI FUNCTIONS. UNLESS
OTHERHIST, HOTENACTED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING. PILATES TO EACH FACE OF TRUSS AND, UNLESS OFFERNIT ANY INSPECTION OF PLATES TOLCOMED BY (1) SHALL BE DRAWING INDICALES ACCEPTANCE OF PROFISSIONAL ENG DESIGN SHOWN. THE SWITABILITY AND USE OF THIS (BUILDING DESIGNER PER ANSI/IPI I SEC. 9 4 X 7 = \supseteq 2 X 3 -4-0 2×8 III HS510≡ R=1079 U=148 W=7.5" 3 X 5 = Design Crit: UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z
BY (1) SHALL BE PER ANNEX A3 OF TPI) 2002 SEC.3. A SEAL ON THIS 4-9-5 7 (A) WBE A7) -33-8-0 Over 3×6= 10-9-8 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3X3≡ ω 0 4 Supports -BHS258≡ 2X3 Ⅲ 10-0-0 ⊒¢ R=1162 U=23 W=3.5" 3X3≡ Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels use purlins to brace all flat TC @ 0C. Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings. 110 mph wind, 17.38 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 Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling. Wind reactions based on MWFRS pressures. $3 \times 4 \equiv$ $3 \times 4 \equiv$ 7.36. 3 X 4 ≡ 4-6-11 5 X 6 ₩ 8 X 8 III 3×6// 5-0-0 Ξ R=1418 U=108 W=5.5" 3 X 4 (R) 12 2X3 III 8-0 = BC LL BC DL SPACING DUR.FAC TC TC TOT.LD. FL/-/4/ PL 40.0 24.0" 1.25 10.0 10.0 PSF 20.0 11-4-0 _12-0-0 0.0 PSF PSF PSF PSF 4 JREF -SEQN-DATE REF 24" HC-ENG DRW HCUSR8228 07197002 Scale = .1875"/Ft. R8228-1T938228Z01 TCE/WHK 07/16/07 12 81161 0

(7 140B Isaac Construction Jeremy Cady

A8)

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

Wind reactions based on MWFRS pressures

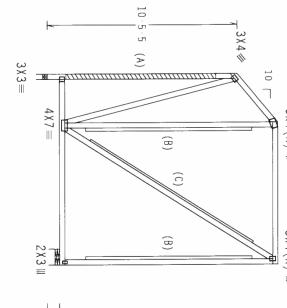
(C) $1x4\ \#3$ or better "T" brace. 80% length of web member. with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. Attach

(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,

Leg-down designed for vertical loads only.

3X4 // Ġ $\widehat{\Xi}$ 10 4 X 7 = 6X4 (R) ₩ (B) 3 X 4 (R) (B) 2X3 III 2-0-0 1-4-0 12

ò



▲10-5-6 Over 2 2-8-0 7 - 9 -Supports -> က်

R=456 U=15 W=3.5"

R=443 U=171 W=10.507"

Design Crit:

TYP.

110 mph wind, 22.89 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(+/ $^{\prime}$)=0.18

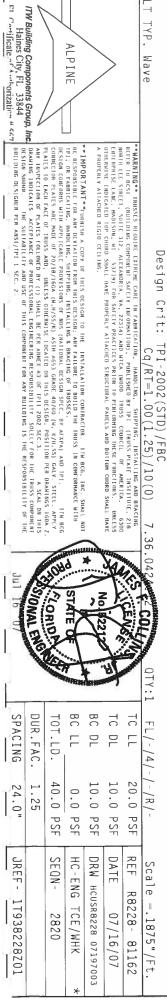
End verticals not exposed to wind pressure.

(B) 2x6 #3 or better "I" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

In lieu of structural panels use purlins to brace all flat TC $24\,\text{\ensuremath{^{\circ}}}\ 0\text{\ensuremath{\mathbb{C}}}.$

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.



140B Isaac Construction Jeremy Cady A14-GE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP # #2 Dense #2 Dense #3 #2 Dense:

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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 notchable 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 notchable area using 3x6.

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

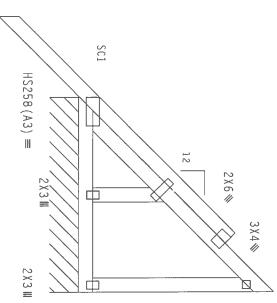
Wind reactions based on MWFRS pressures

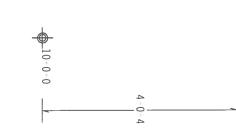
Right end vertical not exposed to wind pressure

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.

2 X 2 III







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

TYP.

20

Gauge HS

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, INAUDING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI. (BUILDING COMPOSER) SAFETY INFORMATION), PUBLISHED BY THE CIRRES FLATE INSTITUTE, 218 UNDER THE STREET, SUITE 127, ALEXANDRAL, VA, 22314) AND HEAT ACEA (MODD TRUSS COUNCEL OF AMERICA, 6300 CHIERPRISC LAME, MADISON, H. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE TWICTIONS. UNICESS OTHERWISE INDICATED TO PROPERLY ATTACHED SHALL HAVE PROPERLY ATTACHED HIGH BY SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

ALPINE

IMPORTANT*URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT MEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE FO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FARBLICATIO. HANDLING, SHEPPIG. HISTALLING A BRACHES OF TRUSSES.

DESIGN CONTROLATIO. HANDLING, SHEPPIG. HISTALLING A BRACHES OF SEC. S. WEARA) AND TPI. THE BCCONNECTOR PRAILES ARE HADE OF ZO/IB/16GA (M.H/SS/K) ATHA ASS GRADE MOVE OF G. M. K/M.SS) GALV STEEL. APPLY LAKES TO EACH FACE OF TRUSS AND. UNITESS OF THE SECSON FRIED ON THIS DESIGN. POSITION PER DRAWHINGS 16GA Z. ANY HISPECTION OF TRAITS FOLLOWED BY (1) SHALL BE PER ANNEX OF TPIL 2002 SEC. 3. A SEAL ON THIS DRAWHING INDICATES ACCEPTANCE OF PROTESSIONAL CHOINTERING RESPONSIBILITY SOLEY FOR THE RESPONSIBILITY SOLEY FOR THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC

Haines City, FL 33844
Fi Comificate of Authorization # 547 ITW Building Components Group, Inc.



40.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF JREF -SEQN-DATE DRW HCUSR8228 07197018 HC-ENG 1T938228Z01 JB/WHK 07/16/07

20.0

PSF

Scal

le =.5"/Ft. R8228- 81163

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Bottom chord checked for 20.00 psf non-concurrent live load (A) 1×4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. Wind reactions based on MWFRS pressures. 7-140B--Isaac Construction Jeremy Cady Haines City, FL 33844
Haines City, FL 33844
Haines City, FL 3844 TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINATION FROM HIS DESIGN, ANY FALLORE TO BHILD THE TRUSS IN COMPORNANCE WITH FPI; OR FARECHING, MINDIAG. SHIPPIG. HIS MALLING A BRACLING OF TRUSSES.

OESIGN COMPORTS WITH APPLICABLE PROVISIONS OF HOS SIMILIONAL DESIGNA SPEC, BY ATAPA, AND FPI. THE COMPORTS OF TABLES AND FPI. THE BOAY STORE OF THE SIMILIONAL DESIGNA SPEC, BY ATAPA, AND FPI. THE BOAY STORE OF TRUSS AND. UNLESS OTHERWISE (DOCATED ON HIS DESIGN POSITION FOR BRAHINGS 166A Z. ANY HISPECTION OF PALTES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF FPI. 2002 SEC. 3. AS ALON THIS DEATH OF PALTES OF THE STORE OF THE STORE SHOWN.

DESIGN SHOWN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI I SEC. 2. **MARNING** HOUSES BEOURE CYREME CARE HE FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), POULTSNED BY THE (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SHITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENLIGENTES LAIL, MADISON, MI 5378) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. DHIESS OTHERS HAVE AND SOME AND STREET OF THE STREET WAS TOWN. 2X4(A1) =R-714 U-79 W-5.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ A10 2X3 III 3X4/ 0 - 4 - 216-5-6 Over 2 Supports 3 X 4≡ 10 $\widehat{\mathbb{A}}$ /10(0)4×5€ 4 X 7 = Right end vertical not exposed to wind pressure. 110 mph wind, 26.09 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 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels use purlins to brace all flat TC @ $24\ensuremath{\text{"}}\xspace$ 0C. 0 ORIV R-701 U-256 (A) 3X4(R) III 2X3 III BC LL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-PL 40.0 1.25 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 9 0.0 PSF PSF SEQN-REF DATE JREF -DRW HCUSR8228 07197022 HC-ENG Scale = .3125"/Ft. R8228- 81164 1T938228Z01 JB/WHK 07/16/07

7-1408 - Isaac Construction Jeremy Cady A15

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

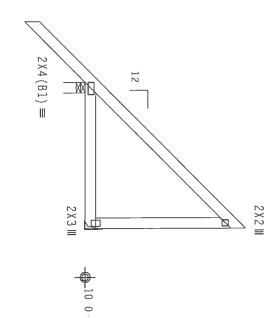
Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

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

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.



1-8-0→

4-0-0 Over Supports

R 338 W=3.5" R-156 U-46

MARNING IRUSSES REQUIRE EXTREME CARE IN FARRIEATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING CHMPONENT SATETY INTORNATION), PUBLISHED BY TIPI (TRUSS PLATE HISTITUE, ZIB UNDERLIE SHEET, SUIT CLIZ. ALEXANDRIA, VA. 22214) AND VICEA (MODO TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, HADISON, HI 53719) FOR SATETY PRACTICES PRIOR TO PLRTORHING THESE FUNCTIONS. UNLESS OTHERWISE HIDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BCRESSONS INLE FOR ANY DEPLATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI: OR FAREFACHING, HANDLING, SHIPPING, HISALLING & BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGNS SPEC, BY ATAPA) AND TPI. ITH BCG CONNECTION PLATES ARE PROVISIONS OF HIS (MATIONAL DESIGNS SPEC, BY ATAPA) AND TPI. ITH BCG CONNECTION PLATES OF TRUSSES.

PLATES TO EACH FACE OF TRUSS AND, UNITES DIMERNISE LOCATED ON HIS DESIGN, POSITION FOR DRAWHINGS BOAK A ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI TOODS SEC. 3. AS SLA, ON THIS DESIGN SHOWN AND ANY HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI TOODS SEC. 3. AS SLA, ON THIS DESIGN SHOWN AND THE SUITABLITY FOR DESCRIPTION DESCRIPTION OF THE TRUSS COMPONENT OF THE TOWN OF THE TOWN OF THE TRUSS COMPONENT OF THE TOWN OF THE TOWN OF THE TRUSS COMPONENT OF THE TOWN OF THE TRUSS COMPONENT OF THE TOWN OF THE TO

ITW Building Components Group, Inc. Haines City, FL 33844 Pri Cartificate of Authorization # 447

ALPINE

S/ONAL EX CORION STATE OF

j	O.	EE	MELIN	HILL	ic	
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T938228Z01		SEQN- 2353	HC-ENG JB/WHK *	DRW HCUSR8228 07197023	DATE 07/16/07	REF R8228- 81165

Scale =.375"/Ft.

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # :W10, W11 2x4 SP # Calculated horizontal deflection is 0.14" 0.21" due to dead load. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Collar tie braced with continuous lateral bracing at 24" OC. rigid ceiling. Note: All Plates Are 3X4 Except As Shown. Bottom chord checked for 20.00 psf non concurrent live load (A) Continuous lateral bracing equally spaced on (7 140B Isaac Construction ITW Building Components Group, Inc. Haines City, FL 33844 TYP. 0 ALPINE 20 Gauge HS 4 X 5 💯 (8 3X3 **Ⅲ** R = 1397**IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY BUYALION FROM HIS DESIGN, ANY FALURE FOR BUILD THE TRUES IN COMPORMANCE WITH IPI: OR FAREICATHO, HANDLING, SHIPPIC, INSTALLING A BRACING OF TRUESES.

DESIGN CONTRONS WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGNS SPEC, BY ATAPA) AND TPI. ITH BGG CONNECTION PARTIES ARE HADE OF ZOLEN FAGA (H.H.SYS), ASTH ASSO GRADE ADJGO H. KH.SS) GALV. STELL APPLY PLATES TO EACH FACE OF TRUESS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR BRAHINGS 166A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNER AS OF FILE ZOOZ SEC. 3. A SEAL ON HISS DEAD HOLD OF PLATES FOLLOWED BY (1) SHALL BE PER ANNER AS OF FILE ZOOZ SEC. 3. A SEAL ON HIS DESIGN SHOWN.

DESIGN SHOWN. THE SULFABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOWN.

THE SULFABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOWN.

HE SULFABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOWN.

THE SULFABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RUSS COMPONENT DESIGN SHOWN. **HARNING** RUSSES REQUIRE EXPERE CARE IN FAMBICATION, IMADILIAC, SHIPPING, INSTALLING AND BRACING, HITER IR BEST (BULLOND CHRYPHING CHRYPHINE SAFETY INFORMATION), PUBLISHED BY FOI (FRUSS PLATE INSTITUTE, 218 HIRTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (8000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OTHERWISE INDIVACATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE U-148 W-5.5" 10 - 1Jeremy Cady B5 2x10 SP #2: 5 X 6 = 21 - 11 - 821-9-12 3 X 6≡ due to live load and Design Crit: member 43-6-0 Â A 5 HS258≡ (A) (M9 FM Over 3 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) €X6= 2 X 4 III 253814 7 X 6 ≡ R 2212 U 102 W 3.5" 5 X 1 0 ≡ ∞ H0308 0 10-0-0 ВЗ 2 X 4 III 10 0 0 3X3**≡** In lieu of structural panels use purlins to brace all flat TC @ 24" OC. Right end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS pressures 110 mph wind, 17.10 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 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 BC attic room floor loading: LL 23-11-5 to 33-11-5. Ξ 5 X 7 = 4-0 N 8X8 = 4×6// -6-13 R=1856 U=141 W=5.5" 5-6-8 B5 4X4 (R) III OVAL ENGI CORIOR コ 12 2 X 3 W 11 **⊕**12 0 40.00 psf; _10-0-0 BC LL DUR.FAC. TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-D Δ PL 1.25 20.0 PSF 40.0 10.0 10.0 PSF 24.0" 0.0 10.00 psf; from PSF PSF PSF DATE REF JREF-SEQN HC-ENG DRW HCUSR8228 07197004 Scale = .125"/Ft. R8228- 81166 1T938228Z01 TCE / WHK 07/16/07 12-0-0

7 140B Isaac Construction Jeremy Cady A2

l op Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures.

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

In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ensuremath{^{\circ}}}\xspace$

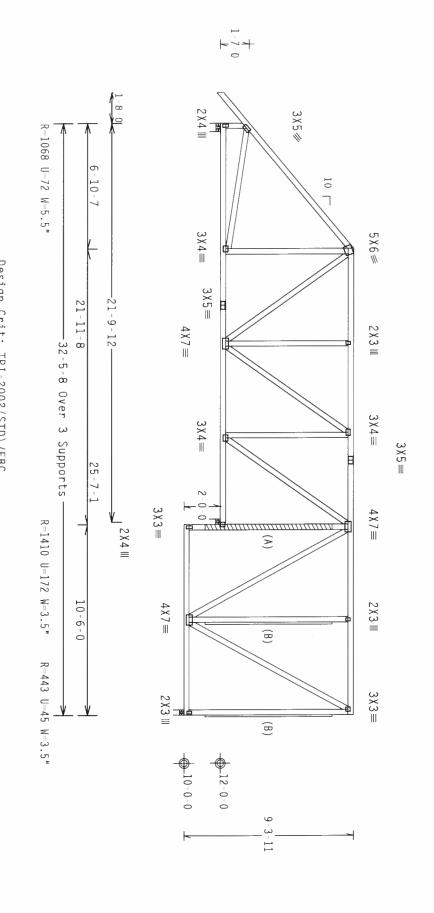
110 mph wind, 15.75 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Right end vertical 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" 00.

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.



Haines City, FL 33844
Fit Conficate of Amborization # 567 TYP. ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE HCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FARRICATHO, HANDLUGG. SHEPPING, INSTALLING A BRACHING OF TRUSSES. DESIGN CONTROPS WITH APPLICABLE PROVISIONS OF TROS (MATIONAL DESIGN SPEC, BY KARA) AND TP!. THE RECOMMECTION PRATES ARE HADE OF 20/18/16/6A (M.1/55/K). ASH A653 GRADE 40/60 (M. K/H.SS) GALV. SHEEL. APPLY PARLES TO EACH FACE OF TRUSS AND. UNILES OFHER WHISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANDEX SO IF 171 2002 SEC. 3. A SEAL ON THIS DESIGN SHEELS ANDEX AND THE SUBJECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANDEX SO IF 171 2002 SEC. 3. A SEAL ON THIS DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL REGIMER AND STORY SOLLY FOR THE RESPONSIBILLITY OF THE **#ARNING** IRUSSES REQUIRE EXTREME CARE IN FARRIEXTION, HANDING, SHIPPING, INSTALLING AND BRACHIG. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), POBLISHED BY TPI (TRUSS PLANE INSTITUTE, 7218 UNDIT LEE STREET, SHITE IST, ALEXANDRIA, NA, 22214) AND HEAK (MOOD TRUSS COUNCIL OF AMERICA. 6300 CHIERPRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE INDICATED FOR FUNDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.36.0424 CORION BC LL TC DL ВС TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/ DI. 20.0 40.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF SEQN-DATE REF JREF -DRW HCUSR8228 07197031 HC-ENG Scale =.1875"/Ft. R8228- 81167 1T938228Z01 JB/WHK 07/16/07

PLT

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OC.
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Haines City, FL 33844
Fit Carlificate Camponents Group, Inc.
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chord 2x8 SP #2 :B3, B5 2x10 SP
2x4 SP #2 Dense:
Webs 2x4 SP #3 :W9, W12 2x6 SP
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B Conc. Load at 5.71
B Conc. Load at 7.71
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                                  **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE NEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIALION FROM THIS SESSION AS MY FALLURE TO BEHLED THE BROSS IN COMPORMANCE WITH PP: OR FARRICATING, HANDLING, SHIPPING, HISTALLING A BRACLING OF BRUSSES.

DESIGN CONTRORS WITH APPLICABLE PROVISIONS OF THIS SESSION SHOPE. AY ATAPA, AND TOT. IT BEGGEOUNDED OF THE SESSION SHOPE. APPLY THE AREA OF THE SESSION SHOPE. ANY DESIGN SHOPE. APPLY THE AREA OF THE SESSION SHOPE. ANY DESIGN SHOPE. APPLY THE AREA OF THE SESSION SHOPE. ANY DESIGN SHOPE. AS A SESSION SHOPE. ANY DESIGN SHOPE. AS A SESSION SHOPE. ANY DESCRIPTION OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE SESSION SHOPE.
                                                                                                                                           **WARNING** RUSSES REQUIRE CYREME CARE IN FABRICATION, IMMOLING, SHIPPING, HISTALLING AND BRACING. RETER TO BEST (BULISED BY PET (TRUSS PLATE INSTITUTE, 218 UNRIH LEE STREET, SUITE 312, ALEXANDRIA, WA. 22313) AND MICA (HOOD TRUSS COUNCIL OT AMERICA, 6300 CHILEBRISE LANE, HADISON, HI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS CHILBRISE LANE, HADISON, HI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS CHILBRISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE
                 BUILDING DESIGNER PER
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Cq/RT=1.00(1.25),
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Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @11.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (B) \#3 or better scab brace. Same size & 80% length of web Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" 0C.
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TC TC BC BC PLB (29. Bot See DWGS A11015EC0207 & GBLLETIN0207 for more requirements SPECIAL LOADS Bottom chord checked for 20.00 psf non-concurrent live load (LUMBER DUR.FAC. 1.25 / PLATE DUR.FAC. 1.25)

(C From 108 PLF at 1.67 to 108 PLF at 4.47 to 108 PLF at 32.46 from 5 PLF at 1.67 to 5 PLF at 0.00 sc From 20 PLF at 0.00 to 20 PLF at 21.96 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF at 21.96 to 20 PLF at 32.46 sc From 20 PLF ITW Building Components Group, Inc. Haines City, FL 33844 FT Confificate of Authorization # 547 chord chord 140B chord 2x4 SP chord 2x4 SP Webs 2x4 SP TYP. F7+ Isaac Construction Jeremy Cady ALPINE 4 X 10 (R) #2 Dense #2 Dense :B3 2x6 SP #2: #3 :W12 2x4 SP #2 Dense: 8 2 X 3 III 10 R 462 U 62 W 5.5" R-88 PLF U=10 PLF 3X3/ // 2X3 III 2X3 III **IMPORTANT***URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BLERK EXPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ARE FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FARBLEALING, NANDLUG, SHIPPINE, HISTALLING A BRACILING OF TRUSSES.

DESIGN CONTRORS HITH APPLICABLE PROVISIONS OF UDS (MATIONAL DESIGN SPEC, BY AFRA) AND PI. ITH BCG CONNECTOR PLATES ARE ANDE OF 20/10/166A (M.JN/55/K) ASIM A653 GRADE 40/60 (M.K/M.SS) GALY. SIEEL. APPLY LALES TO LACH FACE OF TRUSS AND, OWNERS OFFICENS LOCATED ON HIS DESIGN, POSITION PER DRAWHINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANDEX AS OF FPI1 2002 SEC.3. A SEAL ON THIS DRAWHING MOTORS ACCEPTANCE OF PROFESSIONAL BEDIEVER MIREX AS OF FPI1 2002 TCG. 31. HE RESPONSIBILITY OF THE DRAWHING MOTORS ACCEPTANCE OF PROFESSIONAL BEDIEVER MIREX AS OF FPI1 2002 TCG. 31. HE RESPONSIBILITY OF THE 3-0-12 BUILDING DESIGNER PER ANSI/TP1 1 SEC. A PROPERLY ATTACHED RIGID CETLING. 2 X 3 III 4 X 5 (R) 2 X 3 III 2X3 III = ₩-8-0 2 X 3 2 X 3 Ⅲ (25.56,10.04), (27.56,10.04) Design Crit: 9 R-148 0-0 $^{\circ}$ * 2X3 III 2 X 3 III 21-11-8 PLF U-16 PLF W-5-1 0 R-1987 R-116 PLF U-13 PLF W-7-11-8 A1 GE 2 X 3 III 2X3 III 32-5-8 Over TPI=2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 X 5 ≡ 2 X 3 III -6 - 6 2X3 III 2X3 III 2X3 III 6 27-11-14 Supports $5 \times 4 \equiv$ 2X3 III 1-3-8-2X3 III 2 X 3 III 2-0-0 W12 2 X 3 III In lieu of structural panels use purlins to brace $\ensuremath{\mathtt{0C}}.$ 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw 1.00 GCpi(+/) 0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) 1x4~#3 or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.)nails @ 6" 0C. Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures $4 \times 4 =$ 3X8(R) .36.042 Ξ U-214 W-3 83 4X7 (R) 3×5= 10 - 6 - 0. 5 R-2371 U-255 W-3.5" 4 X 5 == 3X3 **Ⅲ** ASCE 7-02, CLOSED bldg, L wind TC DL=5.0 psf, wind (A BC LL DUR.FAC. TC SPACING TC TOT.LD. FL/-/4/-פר D 12-0-0 _10-0-0 40.0 10.0 20.0 24.0" 1.25 10.0 0.0 PSF PSF PSF PSF PSF JREF -SEQN-DATE REF HC-ENG DRW HCUSR8228 07197046 TC @ 24" Scal Ф R8228-1T938228Z01 =.1875"/Ft. JB/WHK 07/16/07 81169

(7 140B Isaac Construction Jeremy Cady A12)

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

Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

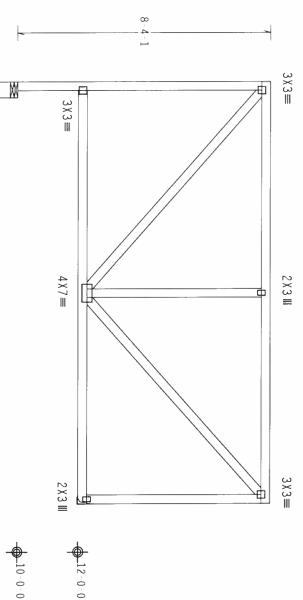
Truss must be installed as shown with top chord up.

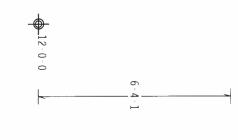
Leg-down designed for vertical loads only.

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

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.





R=5550 = 90W=6.278" 13-10-8 Over 2 Supports R=549 U=89

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

TYP.

Wave

WARNING TRUSSES REBUIRE EXIRCHE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FT (TRUSS PLATE HESTITUTE, 218 HORTH LET STREET, SUITE 112, ALEXANDRA, VA, 2214) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 EUTERPRIST LAND, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PETFORMHUG HUSSE FUNCTIONS. UNLESS OTHERWISE HOLDSLAGED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT*INNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. THC. SHALL NOT BL RESPONSIBLE FOR ANY ECYLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORANGE WITH THE THE BY ARMICATING, MANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF HIS (MAIDMAL DESIGN EVEC, BY AFAPA) AND IPI. THE BCG CONTROLS OF THIS CONTROLS OF THIS CONTROLS OF THE STATE AND THE STATE AND

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PLATES 10 FACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITI ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPIT 2002 SEC.3. DRANING HOLDANIES ACCEPTANCE OF PROFESSIONAL ENGLIEFEN HOR RESPONSIBILITY SORELY F DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z RESPONSIBILITY OF A SEAL ON THIS

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

BUILDING DESIGNER PER ANSI/IPI I SEC.



PSF PSF

SEQN-HC-ENG DATE REF

07/16/07 81170

Scale = .3125"/Ft. R8228-

DRW HCUSR8228 07197006

TCE/WHK 2750

JREF -

11938228201

7-140B - Isaac Construction Jeremy Cady -- , ** - A2)

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W9 2x6 SP #2:

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.

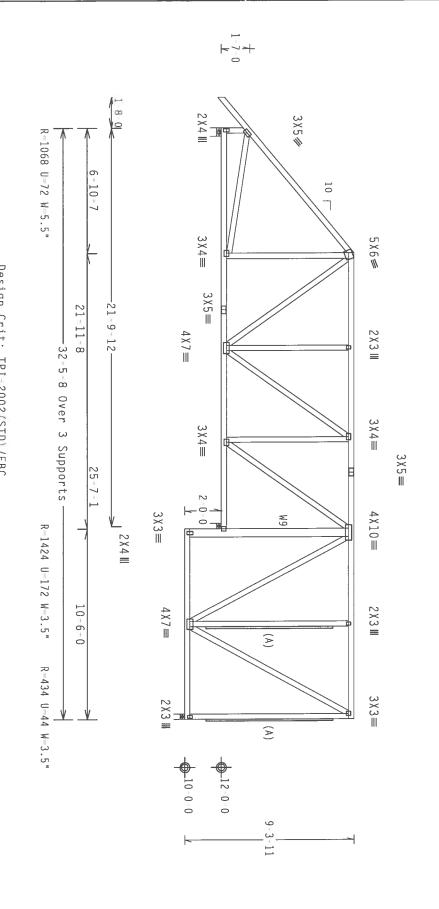
| Bottom chord checked for 20.00 psf non-concurrent live load

110 mph wind, 15.75 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

Right end vertical not exposed to wind pressure.

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.



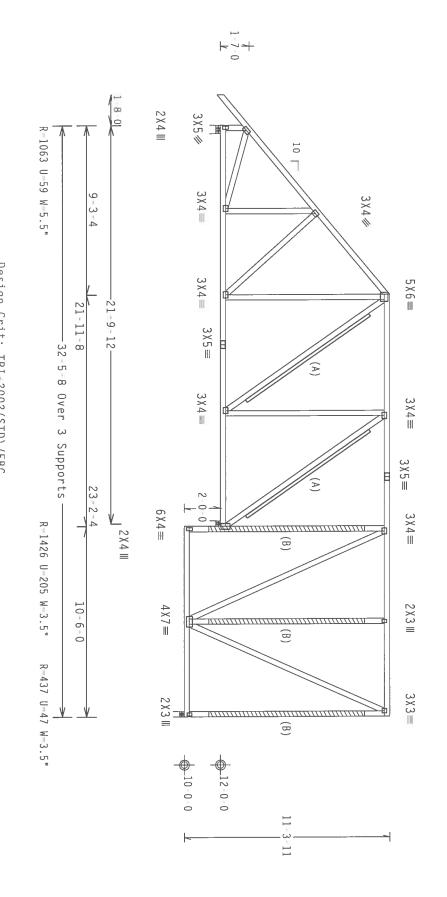


Bot Wind reactions based on MWFRS pressures (7 1408 Isaac Construction p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 Jeremy Cady A3) 110 mph wind, 16.75 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ $24\ensuremath{^{\circ}}$ OC. (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" 0C.

Right end vertical not exposed to wind pressure

(B) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Bottom chord checked for 20.00 psf non-concurrent live load





140B Isaac Construction Jeremy Cady A4)

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 :W3 2x6 SP #2:

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

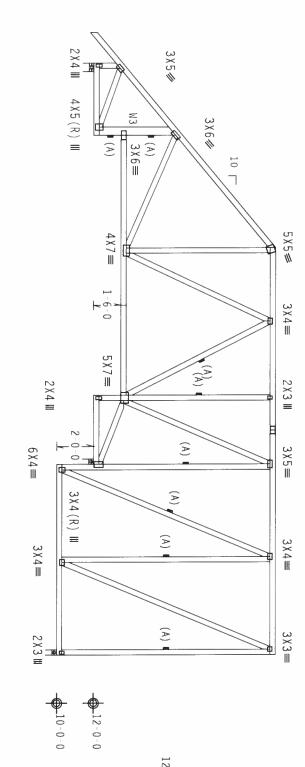
Bottom chord checked for 20.00 psf non-concurrent live load.

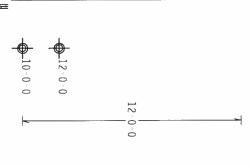
110 mph wind, 17.10 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

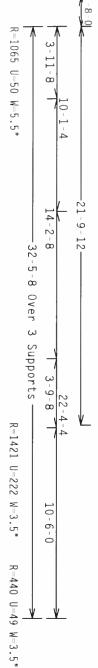
Right end vertical not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\circ}}}\xspace$ 0C.

3X5≡







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

TYP.

Wave

HARNING IRUSSES REQUIRE CYREHE CARE IN FARRICATION, IMANDLING, SHIPPING, INSTALLING AND BRACING. RELER TO DEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLANE INSTITUTE, 218 MARTH LEE SIREET, SUITE 127. ALEXANDRIA, VA., 222.14) AND VICTAC (MOOD TRUSS COUNCIL OF AMERICA. 6300 CHITERRESE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DULESS OTHERWIST INDICATED TO FORMED SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED TO THE SAFETY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

IMPORTANTTURNISH 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 COMPORMANCE WITH PI: OR FARRICATING, ANDULING, SHEPPIG, HISALLING & BRACLING OF TRUSSES.

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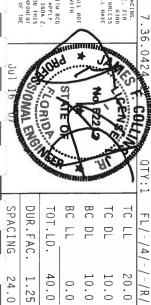
Haines City, FL 33844

Haines City, FL 33844

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BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE



	ENG			1	AL.
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF
JREF 1T938228Z01		SEQN- 2378	HC-ENG JB/WHK	DRW HCUSR8228 07197094	DATE 07/16/07

20.0 PSF

REF

81173

Scale =.1875"/Ft. R8228-

(7 140B Isaac Construction Jeremy Cady A11)

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

Wind reactions based on MWFRS pressures

Bottom chord checked for 20.00 psf non-concurrent live load.

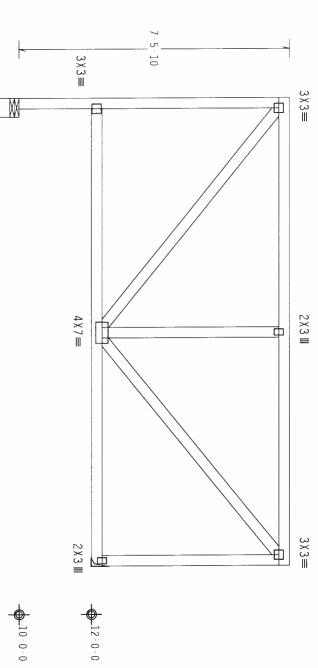
Truss must be installed as shown with top chord up

Leg-down designed for vertical loads only.

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

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.



5 5 10

=5190 = 76W=6.278" 12-10-0 Over 2 Supports R=508 U=75

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

7.36.0424

FL/-/4/

' - /R/

Scale =.375"/Ft.

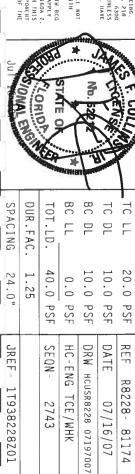
PLT TYP. Wave

HARNING TRUSSES REQUIRE CYREME CARE IN FARRICATION, IMADILIAE, SHIPPING, INSTALLING AND BRACING, WEIGH IB RCSI (BUILDING COMPONENT SAFETY INFORMATION), PROLETINGE BY FI (TRUSS PLATE INSTITUTE, 218 LOOK INC. SHREEL, SUITE 312, ALEXANDRIA, VA, Z2314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 EURERPHSE LAUE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOUSEAFTD OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTTHRUISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BC RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BHILD THE TRUSS IN COMPORMAGE WITH PIT: ON FAREICALING, HANDLIGG. SHIPPING, INSTALLING A BRACLING OF TRUSSES. THE APPLICABLE PROVISIONS OF HIS SECURIOR SPEC, BY AFAPA) AND TPI. DESIGN CONTROL OF TRUSSES. THE APPLICABLE PROVISIONS OF HIS SECURIOR SPEC, BY AFAPA) AND TPI. THE BCC. CONNECTION FOR THIS AREA OF THIS DESIGN SPEC, BY AFAPA AND TPI. PROVISIONS OF HIS SECURIOR SPEC, BY AFAPA AND TPI. SPECIAL SPECIA

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Chaifficate of Amborization # 567

ALPINE



TCE / WHK

07/16/07

(7 140B Isaac Construction Jeremy Cady * A13)

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

Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non concurrent live load.

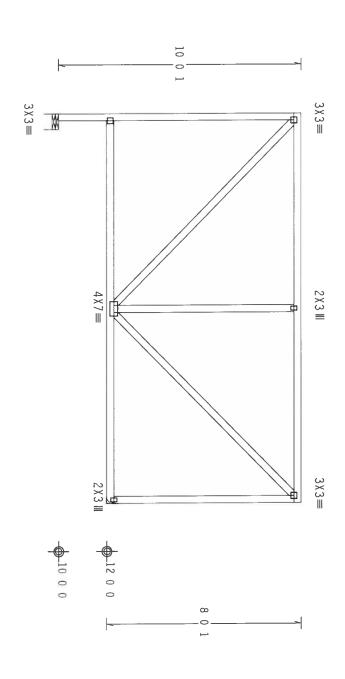
Truss must be installed as shown with top chord up.

Leg down designed for vertical loads only.

110 mph wind, 20.01 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

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



120 W 7.778" 16-0-0 0ver 2 Supports $^{\infty}$ 634 U 118

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

7.36.0424

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

Scale =.25"/Ft.

 ∇ 646 \subseteq

PLT

TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Carificate of Autorization 4 647 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BC RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN COMPORMACE WITH FPI; OR FARRICATHO, HANDING, SHIPPING, INSTALLING A BRACHE OF TRUSSES.

DESIGN CONNECTION FACIST ARE HADE OF 701/181/186A (M.H.587/8) ASHA ASA3 GRADE 407/60 (M. KJM. SV) GALV STEEL, APPLY PHATES TO FACE OF TRUSSES, AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FOR DRAHMINGS 166A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIMEX AS OF FPI 7002 SEC. 3.

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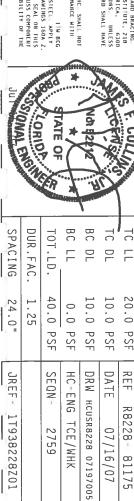
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ASEA ON HISPECTION OF PLATES TOLLOWED BY (1) SHALL BE FER ANIMEX AS OF FPI 7002 SEC. 3.

ASEA OF THE SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE FRUSS COMPONENT DESIGN SHOWN OF THE SUITABLE SHAPPEN SHAP

ALPINE



TCE/WHK

07/16/07

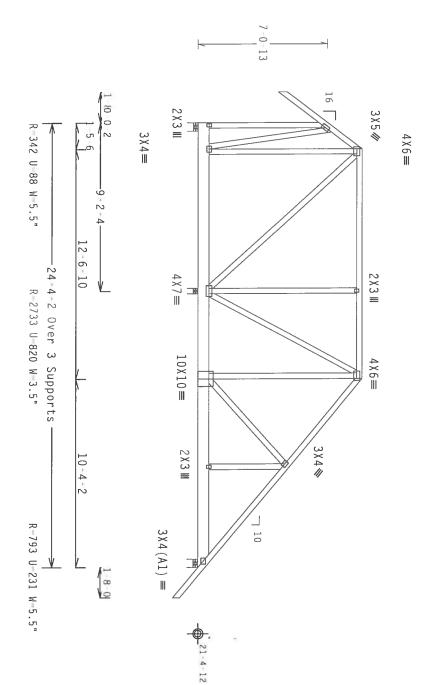
BBBBTTC Left end vertical not exposed to wind pressure. From 73 PLF From 66 PLF From 7 PLF From 20 PLF From 5 PLF 1419 LB Conc. =1.25 / PL -1.67 to 1.45 to 14.00 to -1.67 to t 0.00 to t 24.35 to TE DUR.FAC.=1.
73 PLF at 14
73 PLF at 26
66 PLF at 26
7 PLF at 20
20 PLF at 26
5 PLF at 26 at 1.45 at 14.00 at 26.01 at 0.00 at 24.35 at 26.01

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

110 mph wind, 25.39 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 MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ $24\,^{\circ}$ OC.



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

PLT TYP.

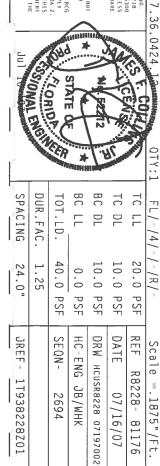
Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRISS IN COMPORNANCE HITH FP: OR FAREFACTHIG, NAMOLING, SHIPPING, HISTALLING & BRACHING OF TRISSES. BY ATAPA) AND FP. ITH BCG. DESIGN CONTROMS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATAPA) AND FP. ITH BCG. CONTROTORS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATAPA) AND FP. ITHER COMPANY OF THE APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATAPA) AND FP. TELL. APPLY PLATES TO EACH FACE OF TRUSS AND, HULESS DIMERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. PLATES TO EACH FACE OF TRUSS AND, HULESS DIMERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z.

PRATES THE CACH FACE OF TRUSS AND UNITES OFFERNISE LOCATED ON ANY INSPECTION OF PLATES FULLOWED BY (1) SHALL BE PER ANNEX AS DESIGN SHOWN. HE SUITABLE OF PROTESSIONAL ENGINEERING RESPONDED THE SUITABLE IT YAND USE OF THIS COMPONENT OR BUILDING DESIGN SHOWN.

Haines City, FL 33844
Haines City, FL 33844
Fit Contificate of Authorization # 427

ALPINE



JB/WHK 2694

07/16/07

1T938228Z01

7-140B--Isaac Construction Jeremy Cady B7)

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

Wind reactions based on MWFRS pressures

(A) 1×4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

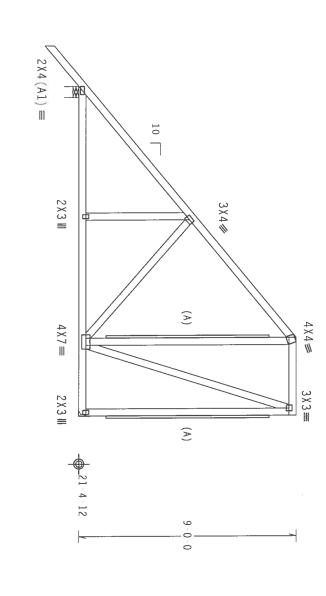
Bottom chord checked for 20.00 psf non-concurrent live load

110 mph wind, 25.39 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

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace all flat TC $24\ensuremath{\text{m}}$ OC.

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





#ARNING RUSSIS REQUIRE CYREME CARE IN FABRICATION, IMAQUING. SHIPPING, HYSTALLING AND BRACING RETER TO BOS) (BUILDING COMPONENT SACETY INFORMATION), PUBLISHED BY TPI (RUSS PLATE INSTITUTE, 218 INST Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

ALPINE

CORIOR BC LL BC DL SPACING DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/-10.0 PSF 10.0 PSF 20.0 PSF

> DATE REF

07/16/07

Scale = .25"/Ft. R8228-81177

DRW HCUSR8228 07197005

1.25 40.0 PSF 24.0" 0.0 PSF JREF-SEQN-HC-ENG 1T938228Z01 JB/WHK 2180

Haines City, FL 33844 Haines City, FL 33844 **IMPORTANT*** JURNISH A COPY OF THIS DISIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THE SHALL HOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DISIGN. ANY FAILURE TO BUILD THE RUSS IN COMPORMANCE WITH PI: DR FARBLACKTHOE, MANDLUG, SHEPPIDE, HISTALLING A BRACHIGO OF RUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDS (MAITONAL DESIGN SPEC. BY AFAPA) AND TPI. THE BCG CONNECTOR PLAYES ARE MADE OF 20/10/166A (M.H/SS/K) ASTH A653 GAME 40/50 (M. K/M.SS) GAV. SIECL. APPLY PLAIES TO EACH FACE OF THUSS AND. UNLESS ON THE RUSSES CONTRACTOR OF THIS DESIGN. POSITION PER DRAHING. SHOP. A ANY INSPECTION OF PLAIES FOLOMED BY (1) SHALL BE PER ANNEX A TO FITI 2002 SEC. 3. A SFAL ON THIS DESIGN. A STANDARD OF THE STANDA

7-140B - Isaac Construction Jeremy Cady BP5

l op Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

110 mph wind, 31.74 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=2.0 psf. lw=1.00 GCpi(+/)=0.18

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

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

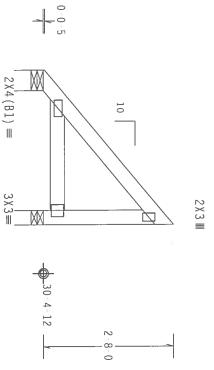
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details

SPECIAL LOADS ---(LUMBER DUR.FAC.=1.25) / PLATE DUR.FAC.=1.25) From 66 PLF at -0.62 to 66 PLF at 2.54 From 4 PLF at -0.62 to 4 PLF at 2.54

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure

Bottom chord checked for 20.00 psf non-concurrent live load.



▲3-2-0 Over 2 Supports->

R 123 U 5 W 5.077" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)R=99 U=94 W=3.5"

WARNING IRUSSES REDUIBE CYMERTE CARE IN FARRICATION, IMADLING. SHIPPING, HISTAILING AND BRACING, REFER TO RESE (RULLING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (IRUSS PIALE HISTITUTE, 210 HORTH HEE STREET, SUITE 312. ALEXANDRIA, VA. Z2214) AND HICA (HOOD TRUSS COUNCIL OF AMERICA. 6300 ERIFERPRISE LANE, MADISON, HI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION SHALL HAVE A PROPERLY ATTACHED REGION SHALL HAVE

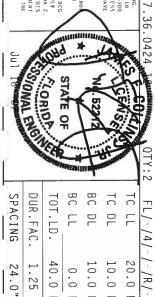
PLT

TYP.

Wave

Haines City, FL 33844
Fit Cartificate and Australia and Au HE RESPONSIBLE FOR ANY DEPIATION FROM HIS DESIGN FOR HE INSTALLATION CONTRACTOR. THE BROSG, INC. SHALL NO
BE RESPONSIBLE FOR ANY DEPIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE BROSS IN COMPORMACE WITH
FIT: ON FABRICATING, HANDLING, SUIPPING, INSTALLING A BRACHIG OF TRUSSES, ANY FARRY AND FIT.
DESIGN COMPORNS HITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATAPA) AND FIT.
ITH BCC
CONNECTION FAIRTS ARE ANGE OF TO/HIGH DEGACK HIMSEN, AND HIS DESIGN SPEC, BY ATAPA) AND FIT.
ITH BCC
LINES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FER DRAWHIGS BGA Z.
ANY HISPECTION OF PAIRES TOLLOWED BY (1) SHALL BE PER AIMER AS OF FIT! ZOOZ SEC. 3.
AS SEAL ON THIS
DESIGN SHOWN.
ITH SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER FER ANSI/IPI I SEC. 2.

ALPINE



40.0

PSF

SEQN

0.0 PSF PSF

HC-ENG

JB/WHK 2192

24.0" 1.25

JREF-

1T938228Z01

10.0

DRW HCUSR8228 07197006

20.0 PSF

REF

R8228- 81178

Scale = .5"/Ft.

10.0 PSF

DATE

07/16/07

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP 7 140B Isaac Construction Jeremy Cady #2 Dense #2 Dense #3 86

Wind reactions based on MWFRS pressures.

(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"

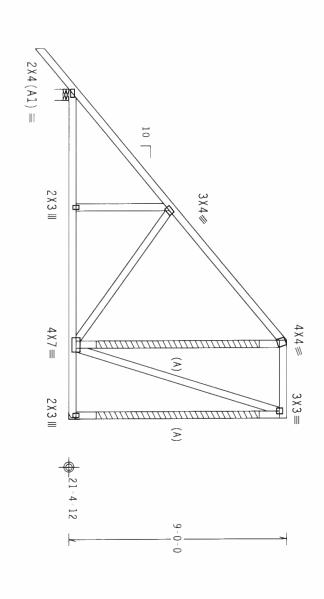
Bottom chord checked for 20.00 psf non-concurrent live load

110 mph wind, 25.39 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

Right end vertical not exposed to wind pressure

In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{"}}}\ 0\mbox{\ensuremath{^{"}}}\ 0\mbox{\ensuremath{^{"}}}\ .$

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





WARNING HRUSSES BEORIBE CYREME CARE IN FARRICATION, IMMULIAG, SUPPTHG, HISTALLING AND BRACING RETER TO BEST. (BUTLOTHG COMPONENT SAFETY LIFORNATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 218 HREITH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERIFERSPESSE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHIG THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0)

Design Crit:

TYP.

Wave

IMPORTANTFURNISH 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 RESS IN CONTORNANCE WITH PI: OR FABRICATION, HANDLING, SHEPPIG., HISTALLING & BRACHING OF RUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC. BY AFRY) AND FPI. ITW BCG CONNECTOR PLATES ARE HADE OF 20/10/166A (M.H/SS/K) ASH HASS GRADE 40/50 (M. K/M.SS) GALV. SIEELA APPLY PLATES TO EACH FACE OF RUSSES AND. UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER DRAWHIGS 150A Z. ANY INSPECTION OF PLATES FOLIONED BY (1) SHALL BE PER ANNEX A OF IPI1 2002 SEC.3. A SEAL ON HIS DRAWHIG HOLGATES ACCUPANCE OF PROFESSIONAL DIGINEERING RESPONSIBILITY SOLELY FOR THE RUSSE COMPONENT OF THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUSINESS CONTORNAL THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUSINESS CONTORNAL THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUSINESS CONTORNAL THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE

"Offizatio" " cc7

BUILDING DESIGNER PER ANSI/TPI 1 SEC.

CORIO BC LL BC DL DUR.FAC. TOT.LD. TC DL SPACING 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 40.0 PSF 0.0 PSF DATE REF JREF -SEQN-DRW HCUSR8228 07197008 HC-ENG R8228- 81179 1T938228Z01 JB/WHK 07/16/07

QTY:2

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

Scale =.25"/Ft.

7-140B--Isaac Construction Jeremy Cady * MGB

Top chord 2x4 SP #2 Dense Bot chord 2x6 SP #1 Dense Webs 2x4 SP #3

110 mph wind, 27.98 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

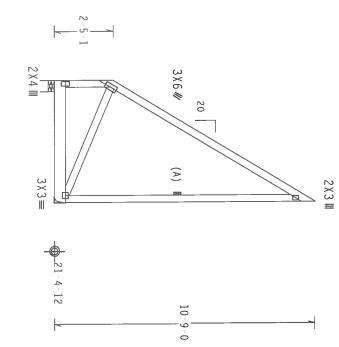
Bottom chord checked for 20.00 psf non-concurrent live load.

SPECIAL LOADS -----(LUMBER DUR.FAC.=1.25) / PLATE DUR.FAC.=1.25) TC - From 79 PLF at 0.00 to 79 PLF at 5.00 BC - From 20 PLF at 0.00 to 20 PLF at 5.00 BC - 701 LB Conc. Load at 1.06, 3.06

Wind reactions based on MWFRS 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.



-0-0 Over 2 Supports

R=1071 U=363 W=5.5" R=826 U=273 Design Crit:

MARNING RRISSES REUBLEC EXTREME CARE IN FARE CALLON, JANDI ING. SHEPHIG, INSTALLING AND BRACING, RETUR TO BEST (BUILDING COMPONENT SAFETY HUTGHALION), PUBLISHED BY PI (TRUSS PLATE INSTITUTE, 218 HORSH HEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDECLIDED FOR COMPOS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGID CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

IMPORTANT*IDENTS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE FAILURE 10 BUILD THE FRUSES IN COMPORMANCE WITH PL. OR FLORESCHING. HANDLING, SHAPPING, HESTALLING A BRACHING OF FRUSSES. DESIGN. CONTROLLING. SHAPPING, BESALLING A FRANCISCO STREET, AND FELLOWED FROM THE SECOND STREET, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OFFICENCY ASTA MASS GRADE 40/60 (W. K/M.SS) GALV. SHEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OFFICENCY OF THIS DOES SEC. S. A STALL OF THE SECOND STREET, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OFFICENCY OF THIS DESIGN. POSITION PER DRAWHIGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF THIS 200Z SEC. S. A STAL ON THIS DESIGN SHOWN. THE SHAPPING COMPONENT SHOWN AND THE TRUSS COMPONENT SHOWN AND SHOWN.

Haines City, FL 33844

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE

7.36.042 Jul 16 OSTONAL ENGINEE STATE OF BC LL TC DL TC LL DUR.FAC. ВС SPACING TOT.LD. FL/-/4/-/-/R/-P

40.0 PSF 10.0 24.0" 1.25 0.0 PSF PSF SEQN-JREF HC-ENG DRW HCUSR8228 07197009 1T938228Z01 JB/WHK

10.0 PSF 20.0 PSF

DATE

07/16/07

REF

Scale = .25"/Ft. R8228-81180

Bot In lieu of structural panels use purlins to brace all flat TC @ $24\ensuremath{^{\prime\prime}}$ OC. Wind reactions based on MWFRS pressures. 7-140B Isaac Construction Jeremy Cady ITW Building Components Group, Inc. Haines City, FL 33844 FI Confidence of Authorization II see p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP TYP. ALPINE Wave #2 Dense #2 Dense #3 --MAKNING.** HRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMMOLING, SHIPPING, INSTALLING AND BRACING, RETUR TO BOCSI. (BUILDING COMPODENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS FLATE INSTITUTE, 218 1000 THE SAFETY, ALEXANDRAM, VA, 22214) AND HOLD TRUSC COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICES OTHERWISE LUDICATED TO FUNDOS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHTS LUDICATED TO FUNDOS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ***IMPORTANT***URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG. INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: AN FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FARRICALING. MANDILING, SMIPPIRE, INSTALLING A BRAILING OF TRUSSES.

DESIGN CONTROLING. MADE OF 20/19/166A (M.1/55/M) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLATES TO LAUN FACE OF TRUSS AND. UNLESS ONLERNISE LOCATED ON THIS DESIGN. POSITION PER DRAMINGS 166A J. ANY INSPECTION OF TRATES FOLLOWED BY (1) SMALL BE PER ANNEX SO TIPL 2002 SEC.3. A SEAL ON THIS DRAMING LINE CHIEFS ACCOMPONENT OF THE TRUSS COMPONENT OF THE SOURCE SOURC BUILDING DESIGNER PER AUSI/IPI I SEC 2X4(A1) =R-716 U-93 W-5.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)10 88 2X3// α 13-6-8 Over 2 Supports α 4X4€ 4 X 7 == Right end vertical not exposed to wind pressure. 110 mph wind, 24.71 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 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Bottom chord checked for 20.00 psf non-concurrent live load 7.36.0424 4 - 10 - 0-572 U-194 3X3≡ 2X3 III BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/ 24.0" 1.25 40.0 PSF 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF JREF -SEQN-DATE HC-ENG DRW HCUSR8228 07197019 Scale = .3125"/Ft. R8228- 81181 1T938228Z01 JB/WHK 07/16/07

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Bottom chord checked for 20.00 psf non-concurrent live load. Wind reactions based on MWFRS pressures Left end vertical not exposed to wind pressure. 7 140B Isaac Construction Jeremy Cady Haines City, FL 33844 6 TYP. Wave 10 9 ALPINE 4X5 10 2X4 ||| R-1211 U-313 W-5.5" 2-6-12 4 X 4 == 4 X 7 = **IMPORTANT** FIRMISH 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 COMPORMANCE WITH PI; OR FARREACHIG, HANDLIG, SHAPPIG, HISTALLING A BRACTHEO F TRUSSES.

DESIGN CONTRESS HITH APPLICABLE PROPUSIONS OF 1005 (MATIONAL DESIGN SECE, BY AFRAY) AND PI. THE BCG CONNECTOR PLATES ANE HADE OF 20/18/16GA (MATIONAL DESIGN SECE, BY AFRAY) AND PR. DEATHES 100 CAN FACE OF TRUSS AND. UNICES OFFERENCE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 160A-Z. ANY HISPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER RANKEX AS OF FILL 2002 SEC. 3. A SEAL ON THIS DESIGN SECE, BY ANY THE TRUSS CORPORATION OF THE TRUSS CORPORATION OF THE SECONDARY THE SECONDARY THE TRUSS CORPORATION OF THE SECONDARY THE SECONDARY THE TRUSS CORPORATION OF THE SECONDARY THE SEC **WARNING** IRUSSES RIQUIRE EXTREME CARE IN FARRICATION, MANDELING, SHIPPING, INSTALLING AND BRACING. REFER TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PET CRUSS PLATE INSTITUTE, 218 URBHILLES SREIT, SUITE 312, ALEXANDRIK, VA, 22314) AND NICA (MODIO BRY PET COUNCIL O FAMERICA, 6300 ENTIREMENTS, INDICATE, SUITE 312, ALEXANDRIK, VA, 22314) AND NICA (MODIO BRY PET COUNCIL OF AMERICA, 6300 ENTIREMENTS (INDICATE) AND SOME STALL HAVE PROPERTY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISC (INDICATED TO PORDO SMALL HAVE PROPERTY ATTACHED STRUCTURAL PARCES AND BOTTOM CHORD SMALL HAVE PROPERTY ATTACHED STRUCTURAL PARCES AND BOTTOM CHORD SMALL HAVE (A) Design Crit: 2 X 3 III 4 X 7 = (A)(A вз) 15 ь TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 2 28-4-0 Over 2 Supports $3 \times 4 \equiv$ 3 X 4 ≡ 3 X 4≡ 2 110 mph wind, 25.39 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(+/ $^{\prime}$)=0.18 4 X 7 = In lieu of structural panels use purlins to brace all flat TC $24\ensuremath{\text{"}}\xspace$ $0\ensuremath{\text{C}}\xspace$ Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$ (A) Continuous lateral bracing equally spaced on member 3 X 4 ≡ 7.36.0424 3X4// 0-4-2 2X3 III BC DL TC DL BC LL R=1348 U=290 W=5.5" TC LL DUR.FAC. TOT.LD. 10 FL/-/4/-/ 3X5(B1) =V-8-0 1.25 40.0 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF SEQN DRW HCUSR8228 07197020 HC-ENG Scale =.25"/Ft. R8228-JB/WHK 2222 07/16/07 81182

BUILDING DESIGNER PER ANSI/TPI I SEC. Z

SPACING

24.0"

JREF-

1T938228Z01

Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense: Bot chord 2x8 SP SS :B3 2x8 SP #2: Webs 2x4 SP #3 :Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.539' Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ In lieu of structural panels use purlins to brace all flat TC 24" $0\,\text{C}_{\odot}$. (A) $1x4\ \#3$ or better "T" brace. 80% length of web member. Attach with 8d Bcx or Gun (0.113"x2.5",min.)nails @ 6" 0C. 7 140B Isaac Construction Jeremy Cady TYP. → 0-6 -0-F ALPINE Wave 1-8-0 8X8 (E1) ≡ R=2574 U=324 W=5.5° 3×4/ **IMPORTANT**FUNNISH A CODY OF HIS DESIGN TO THE HISTALLATION CONTRACTOR. THE BEGG. NC. SIMIL NOT BE RESPONSIBLE FOR ANY DEVALUM FROM HIS DESIGN, ARE TAILURE TO BUILD THE TRUSS IN COMPORMAGE WITH PI; OR FARRICKITHG, HANDLING, SHIPPING, HISTALLING A BRACHEG OF TRUSSES, AV ATAPA, AND IPT. BUSIGN CONFIDENCE WITH APPLICABLE PROVISIONS OF HIS SECURIORAL DESIGN SPEC, BY ATAPA, AND IPT. THE BEST OF THE APPLICABLE OF ZOJUPING A CHINGS, AND HAS GRADE GOOD OF, KH. SS) GALV. STEFL APPLY CRAIS TO CACH FACE OF TRUSS, AND. HURESS OTHERNISE LOCATED ON HIS DESIGN, POSITION FER DRAHHIGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS 2002 SEC. 3. A SEAL ON HIS DESIGN SHOWN. HE SUITABLETY OF THE PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPOUNT OF SHORT SHOWN. HE SUITABLETY ON DESCRIPTION OF THE SECOND SEC. 3. ****HARNING** HRISSES REGUIRE EXTRINE CARE IN FARRICATION, HANDING, SUPPRIO, INSTALLING AND BRACING.
RELER TO RESE, GUILLDING COMPONEN SACIETY HERGENATION), PROBLEMENTS COUNCIL OF AMERICA.
6500
RELER TO RESE (AUC. MADISON, NI 53719) FOR SACIETY HERGENISCH FOR HOLD FRUSS COUNCIL OF AMERICA.
6500
RELER TO RESE (AUC. MADISON, NI 53719) FOR SACIETY FRACTICES PRIOR TO PERFORMING INESETUDICIONS.
UNICHARISE LODICALITÉ DE CHOMBE SHALL MATE PROPERTY ATTACHED STRUCTURAL FAMELS AND BRITCH CHOCK COUNCIL OF AMERICA. A PROPERLY ATTACHED RIGID CEILING. 3×4/ 2X3 III 6 -12 6 X 6 ≡ 3 X 4 ≡ 8 X 8 (R) Design Crit: Ξ 2X4 III 6X8≡ (B) TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0) 35-4-0 7 Over 2 Supports 5 - 2 110 mph wind, 25.39 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 (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" 0C. Wind reactions based on MWFRS pressures BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 11-3-5 to 23-3-5. Bottom chord checked for 20.00 psf non-concurrent live load 7 X 6 ≡ $\widehat{\geq}$ 2X4 III 7.36.0424 3X4≡ 6X6≡ 8X8# A 3×4// 2X3 Ⅲ 83 BC LL =2572 U=327 W=5.5" TC DL TOT.LD. FL/-/4/-/-/R/-10 PL 4X7(B3) =1-8-0 40.0 20.0 10.0 10.0 PSF 0.0 PSF PSF PSF PSF REF SEQN-DATE HC-ENG DRW HCUSR8228 07197029 Scale =.1875"/Ft. R8228- 81183 JB/WHK 07/16/07

ITW Building Components Group, Inc. Haines City, FL 33844 FI Cartificate of a majorization # 667

SPACING DUR.FAC.

24.0"

JREF-

1T938228Z01

1.25

Top Bot In lieu of structural panels use purlins to brace all flat TC $24\,^{\circ}$ OC. Wind reactions based on MWFRS pressures 7 140B Isaac Construction Jeremy Cady p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP TYP. · 6-ALPINE Wave 2X4 III 4×6/ R-1300 U-262 W-5.5" #2 Dense #2 Dense #3 16 Ġ **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI OR FARERCATHO. ANNOLUNG. SHEPPIG. HISTALLING A BRACHING OF TRUSSES.

DISTON CONTROLS AND THE APPLICABLE PROVISIONS OF THIS OSCILAR OF TRUSSES. ANY AFAPA, AND TPI. IT IN BGG COUNTECTOR PLATES ARE ADDICED TO 70/19/19/6A, (4)-H/55/F) ASTH AGES GRADE 40/60 (4, K/H.SS) GALY SITEL, APPLY PLATES TO EACH TACK OF TRUSS, AND. JUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FOR DRAHINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANIEX AS OF THIS 2002 SEC.3. ASSA. ON THIS DESIGN OF PLATES OF THE TRUSSES OTHERNISE LOCATED ON THE TRUSSES THE T DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. **WARNING** RUSSES REQUIRE CTREME CARE IN FABRICATION, IMADILIA, SHIPPING, HISTAILING AND BRACING, RELIA TO BEST (QUILIDING COMPONENT SAFETY INFORMATION), POBLISHED BY FP (TRUSS PLATE INSTITUTE, 218 1087), FOR THE CASE OF $3 \times 4 \equiv$ 5 X 6≡ $\widehat{\mathbb{A}}$ Design Crit: В4) TPI-2002(STD)/FBC Cq/RT=1.00(1.25) $4 \times 7 =$ 2 - 6 - 102X3 III 28-4-0 Over $\widehat{\mathbb{A}}$ 3 X 4≡ 2 Supports RESPONSIBILITY OF /10(0)110 mph wind, 25.39 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(+/ $^{\prime}$)=0.18 4 X 7 == 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. (A) Continuous lateral bracing equally spaced on member 3X4 =STONAL ENGINE **一**10 3X4// 0 - 4 - 22X3 III DUR.FAC. BC LL BC DL TC DL R=1390 U=312 W=5.5" TOT.LD. FL/-/4/ 3X5(B1) =[1-8-0] 1.25 40.0 10.0 PSF 20.0 PSF 10.0 PSF '-/R/ 0.0 PSF PSF DATE REF SEQN-DRW HCUSR8228 07197030 HC-ENG Scale = .25"/Ft. R8228- 81184 JB/WHK 07/16/07

SPACING

24.0"

JREF-

1T938228Z01

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W5, W8 2x4 SP Max JT VERT DEFL: LL: 0.20" DL: 0.32" recommended camber Wind reactions based on MWFRS pressures PLT Bottom chord checked for 20.00 psf non-concurrent live load Left end vertical not exposed to wind pressure (A) Continuous lateral bracing equally spaced on member (7 140B Isaac Construction Jeremy Cady ITW Building Components Group, Inc. Haines City, FL 33844 FT Confificate of Authorization # 557 9 TYP. 1 ALPINE Wave 2X3 III 3X3= =418 U=236 W=5.5" $\widehat{\mathbb{A}}$ PRAITS 10 EACH FACE OT RRISS AND. UNILESS OTHERWISE LOCATED ON THIS DESIGN, POSITI ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIT 2002 SEC.3 DRAMING INDICATES, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY DESIGN SHOWN. THE SUITABILLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BUILDING DESIGNER PER **IMPORTANT**Turrish A COPY of THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. HEC. SHALL NOT HE RESPONSIBLE FOR ANY DEPLATION FROM HIS DESIGN, ANY FALLURE TO BUILD THE RUSS IN COMPORMACE WITH THE COST AND CALL THE ANY FALLURE. SHIPPING, INSTALLING A BRACHEOF TRUSSES.

DESIGN CONTROL AND APPLICABLE PROVISIONS OF THIS DESIGN. DESIGN SPEC. BY AFRA) AND TPI.

CONNECTOR PAIRS ARE ANDE OF TRY INSTALLING OF THIS CHARLOW A DESIGN SPEC. BY AFRA) AND TPI.

CONNECTOR PAIRS ARE ANDE OF TRY INSTALLING OF THIS CHARLOW A DESIGN SPEC. BY AFRA) AND TPI.

CONNECTOR PAIRS ARE ANDE OF TRY INSTALLING OF THIS CHARLOW A DESIGN SPEC. BY AFRA) AND TPI. **MARNING** RUSSIS REQUIRE CYREME CARE IN FABRICATION, IMBULINE, SMIPPINE, INSTALLING AND BRACING RETER TO BEST (BULLDING COMPONENT SAFETY INFORMATION), POUNLINCE BY FT (RUSS PLATE INSTITUTE, 210 MORTH LE STRETE, SHITE 317, ALEXANDRÍA, VA, Z2314) AND MICA (MODD TRUSS COUNCIL O MERICA, 6300 EURIERDRISE LAILE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE INFOLMED TO PORTUGE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCKLED FOR COMB SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE #2 Dense: 11-10-0 4 X 7 == 11-8-4 2X3 **Ⅲ** $\widehat{\mathbb{A}}$ Design Crit: * UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2 ά 22-4-0 Over B13) 4 X 4 == TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 X 4≡ 2 X 4 III ¥5 3 Supports R=1024 U=101 W=3.5" 4 0 5-0-2X3 III 4 X 6≡ œ RESPONSIBILITY OF 3X5(R) Ⅲ 2 X 3 Ⅲ ₹8 SEAT NO THIS Calculated horizontal deflection is 0.17" due to live load 0.26" due to dead load. Right end vertical exposed to wind pressure. Deflection meets $\ensuremath{\mathsf{L}}/240$ criteria for brittle and flexible wall coverings. 110 mph wind, 15.12 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 In lieu of structural panels use OC. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ 3 X 3 ≡ 7.36. -0-8 Ġ R=534 U=150 W=5.5" 12 ORN 2X3 III M 3×5// 1-8-0 purlins to BC LL TC DL TC LL ВС SPACING DUR.FAC. TOT.LD. FL/-/4/-2 brace all 20.0 40.0 PSF 10.0 10.0 PSF 24.0" 1.25 /-/R/ 0.0 PSF PSF PSF flat TC @ 24" DATE REF JREF -SEQN DRW HCUSR8228 07197010 HC-ENG Scale = .25"/Ft. R8228- 81185 1T938228Z01 TCE/WHK 07/16/07

1408 Isaac Construction Jeremy Cady B10)

Top chord 2x4 SP / Chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

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" 0C.

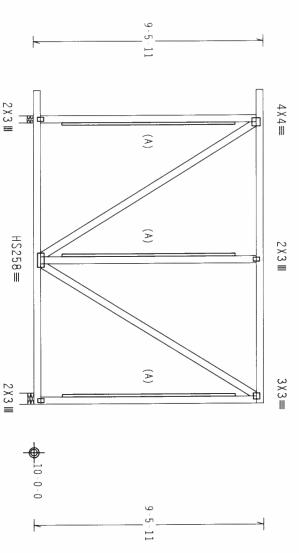
Truss must be installed as shown with top chord up.

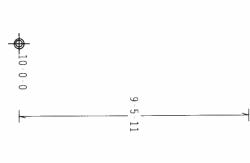
110 mph wind, 19.47 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure

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.





1 - 0 - 8R=543 U=123 W=3.5" 12-10-8 Over 2 Supports R=472 U=84 W=5.5"

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

TYP.

20 Gauge HS, Wave **WARNING*** INJESTS BEQUIRE CYREME CARE IN FABRICATION, IMABILIA, SHIPPING, HISTALLING AND BRACING, REFER TO BESST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLAIE INSTITUTE, 238 HORTH LEE SIRCLE, SUITE 323, ALEXANDRIA, VA, 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ERHERPRISE LAIL, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE INDICALED FOR COMBOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

***IMPORTANT** quants i A comy of this bisign to the installation contractor. Its BGG, inc. shall not be responsible than any deviation keep ints design; AMY KAILER TO BRILLD HE RULES IN COMPORANCE WITH THE OF CARRICATING, MAIDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. TRUSS IN COMPORANCE WITH BEG LIBERT OF TRUSSES. TRUSS IN COMPORANCE WITH BEG LIBERT OF TRUSSES. TRUSS IN A CAPADA AND IPL. COMMICCOR PLATE ARE MADE OF TOUTHER OF THIS CHARLOW A SECT. BY AFADA AND IPL. THE BGG COMMICCOR PLATE ARE MADE OF TOUTHER OF THIS CHARLOW A SHIPPING AND A SHIPPIN

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AHREX AS OF DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLHEERING RESPONSIDESTED STEED HOUR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY PLATES TO EACH FACE OF TRUSS AND. BY (1) SHALL BE PER ANNEX AS OF TP11 ZOOZ SEC.3. A SEAL ON THIS DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

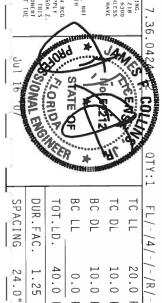
Haines City, FL 33844

Haines City, FL 33844

Ti C-ifficate Control orization and original and o

BUILDING DESIGNER PER ANSI/TPI 1 SEC.

ALPINE



10.0 10.0 PSF 20.0 PSF

DRW HCUSR8228 07197053

DATE REF

07/16/07

Scale =.25"/Ft. R8228- 81186

24.0" 1.25 40.0 PSF 0.0 PSF PSF

JREF-

17938228201

SEQN-

HC-ENG

JB/WHK

Bot Bot In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ensuremath{^{\prime\prime}}}\ 0\mbox{\ensuremath{^{\prime\prime}}}\ .$ (A) $1x4\ \#3$ or better "I" brace. 80% length of web member. Attach with 8d Bcx or Gun (0.113"x2.5",min.)nails @ 6" OC. Wind reactions based on MWFRS pressures PLT Haines City, FL 33844
Fit Conficate of an interior and incomparation and incomparati chord 2x4 SP L chord 2x4 SP Webs 2x4 SP 140B Isaac Construction Jeremy Cady TYP. ALPINE Wave #2 Dense #2 Dense #3 9-5 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG DESIGN SHOWN. THE SUITABILITY AND USE OF THIS (**IMPORTANT** PLBBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. HE SHALL HOT BE SERVED STATE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE RUSS IN COMPORMANICE WITH IP: OR TABRICATING, HANDLING, SHIPPING, HISTALLING & BRACHEG OF TRUSSES, BE READE, AND THIS, SHIPPING, BESIGN ASPEC, BY ATAPA, AND THIS. THE BCG COMMETCION PLATES ARE HANDE OF ZOTOFF AND ACH (HISTALLING STAND) ASPEC, BY ATAPA, AND THIS, THE APPLY PLATES TO EACH FACE OF RUSSES AND THIS DESIGN. POSITION PER DRAWINGS HOM Z PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS HOM Z PLATES TO EACH FACE OF TRUSS AND. **WARNING** IRUSSES BLOUIRE CERRENE CARE IN FABRICATION, DANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUTTOING COMPONEN) SAFET INTOGRANION, PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 21B 10.75 (ALEXANDRIA, VA. 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 EUTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OHHERMISE HOLDSCALED FOR COMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CELLING. *IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR 2 X 3 III 3X3≡ R = 3.79 $\widehat{\geq}$ U=99 ₩=5.5° Design Crit: 16-7-13 Over 2 B12) TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 3 X 4≡ 5-3-8 3 X 4≡ 3 \ 4 = Supports R=964 U=186 W=3.5" (B) 3 X 4≡ /10(0)(B) 110 mph wind, 18.79 ft mean hgt, ASCE 7-02, CLOSED bidg, 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 Bottom chord checked for 20.00 psf non-concurrent live load (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" 0C. 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. 4-9-13-7.36.042 2X3 III 4 X 6 == 1-4-5 2X3 III 12 2 X 2 III O'RO ∞ PC [[BC DL TC OL TC LL 9 DUR.FAC. TOT.LD. FL/-/4/-/-/R/ 20.0 40.0 10.0 10.0 PSF 1.25 0.0 PSF PSF PSF DATE REF SEQN-DRW HCUSR8228 07197076 HC-ENG Scale =.25"/Ft. R8228- 81187 JB/WHK 2138 07/16/07

BUILDING DESIGNER PER

SPACING

24.0"

JREF

1T938228Z01

140B Isaac Construction Jeremy Cady

89G)

l op chord 2x4 SP #2 Dense chord 2x8 SP #2 Webs 2x4 SP #3

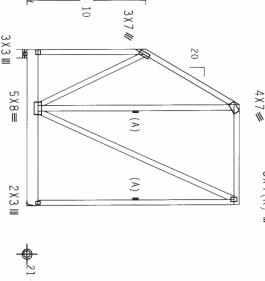
110 mph wind, 30.50 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi $(\pm/-)$ =0.18

End verticals not exposed to wind pressure

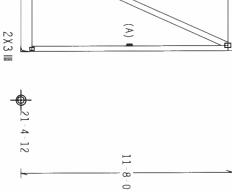
In lieu of structural panels use purlins to brace all flat TC $24\mbox{''}$ 0C.

3 X 4 (R)

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



6



3-0-13 5 ά

R=1714 U=598 W=5.5* <8-6-5 Over 2 Supports > R=1419 U=509

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

TYP.

Wave

WARNING TRUSSES REQUIRE EXPREME CARE IN FABRICATION, HANDEING, SHIPPING, INSTALLING AND BRACING, RELER TO BEST. (BULLOING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (RUSS PLATE INSTITUTE, 218 HANTH LLEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODED TRUSS COUNCIL OF AMERICA, 6300 CHIERPENSE LAUE, MADESON, HI 53719) FOR SAFETY PRACTIFES PRIOR TO PERFORM HG THEST FUNCTIONS. UNLESS O CHIERMISE INFORMATION OF THE STREET WAS A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THE. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE RUSS IN COMPORMANCE HITH TPI; OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
BESIGN COMMENTS WITH APPLICABLE PROVISIONS OF BOS (MATIONAL DESIGN SPEC, BY ATERVA) AND IPI. THE BCG COMMETION PLATES ARE HADE OF 20/18/1604 (M.H.1855/PL). ASTH A653 GRAD, DESIGN SPEC, BY ATERVA) AND IPI. APPLY PLATES ARE HADE OF 20/18/1604 (M.H.1855/PL). ASTH A653 GRAD 40/50 (M.K/M.SS) GAVE STELLS. APPLY PLATES TO ACCOUNTED BY (1) SHALL BE FOR AMBLES ON THIS DESIGN. POSITION DER BRANIES SOON. A ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FOR AMBLES ADD THIS DESIGN. POSITION OF PLATES TOLLOWED BY (1) SHALL BE FOR AMBLES ADD THIS DESIGN. TO BE AMBLES ADD. THE SHALL BE FOR AMBLES ADD. THE SHALL BY THE BOS TOWN OF THE BRANIES ADD. THE SHALL BY THE BOS TOWN OF THE BRANIES ADD. THE SHALL BY THE BOS TOWN OF THE BRANIES ADD. THE SHALL BY THE B

BUILDING DESIGNER PER ANSI/IPI I SEC.

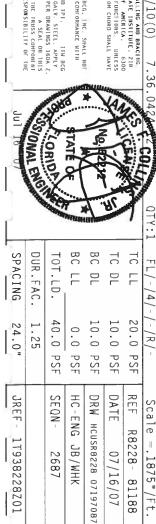
3

Haines City, FL 33844
Haines City, FL 37844
Haines City, FL 37844
Haines City, FL 37844

ALPINE

SPECIAL LOADS ---- (LUMBER DUR.FAC.=1.25 / PLA From 79 PLF at 0.00 to From 79 PLF at 3.07 to From 20 PLF at 0.00 to 572 LB Conc. Load at 0.72 5 / PLATE DUR.FAC.=1.25) 00 to 79 PLF at 3.07 07 to 79 PLF at 8.53 00 to 20 PLF at 8.53 t 0.72, 2.72, 4.72, 6. 6.72

Bottom chord checked for 20.00 psf non-concurrent live load. Wind reactions based on MWFRS pressures. Continuous lateral bracing equally spaced on member.



(7 1408 Isaac Construction Jeremy Cady 814)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 20.00 psf non-concurrent live load

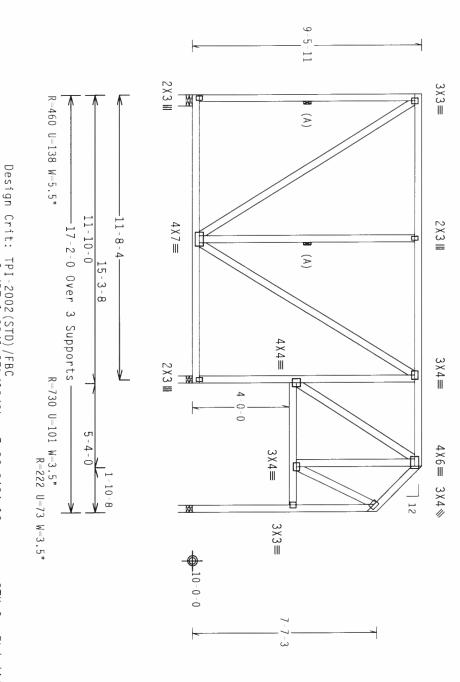
Leg-down designed for vertical loads only.

110 mph wind, 18.54 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, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ $24\ensuremath{^{"}}\xspace$ 0C.

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



****WARNING** IRBISE'S BEODIEE EXTREME CARE IN LABRICATION, MADDIED, STRUCTURAL DAVID BACCHE.

RETER TO BESS UNLIDING COMPONEUR SALETY MEMBERATION), PROBLISHED BY THE (TRUSS PALOT LIBERTURE, ZEB

HORH LEE SIREEL, SULIE 312. ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA, DATE INSTITUTE, ZEB

CHILEMPISE LABE, MADISON, WI SAJES) FOR SALETY PRACTICES PRIOR TO FERFORMING INESE FUNCTIONS. DRICES

CHILEMPISE LABE, MADISON, WI SAJES) FOR SALETY PRACTICES PRIOR TO FERFORMING INESE FUNCTION COUNCIL OF MERICA.

CHILEMPISE LABE, MADISON, WI SAJES FOR SALETY PROCEDED AND CONTROLLES AND BOTTOM COUNCIL OR MERICA. A PROPERLY ATTACHED RIGID CEILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYΡ.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 FI Catificate of Authorization # 567 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION (ROW) INSTALLING A BRACKLANT ALLINE TO BUILD THE INJECT. IN CONTRIBUTE.

PI OR FARRECHING, AMADILIGE, SHEPPING, INSTALLING A BRACKLING OF INVISED.

DESIGN CONTRIBES WITH APPLICABLE PROVISIONS OF HIS SELECTION OF TRUSSES.

DESIGN CONTRIBES AND THE ADDITION OF THE SELECTION OF THE SE

ALPINE



T						1
SDACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
2/ 0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
11.	S ##					SF REF
JRFF - 1T938228701		SEQN- 2926	HC-ENG TCE/WHK	DRW HCUSR8228 07197011	DATE 07/16/07	EF R8228- 81189

25"/Ft.

7 140B Isaac Construction Jeremy Cady

lop Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures.

(A) $1x4\ \#3$ or better "T" brace. 80% length of web member. Attach with 8d Bcx or Gun (0.113"x2.5",min.)nails @ 6" 0C.

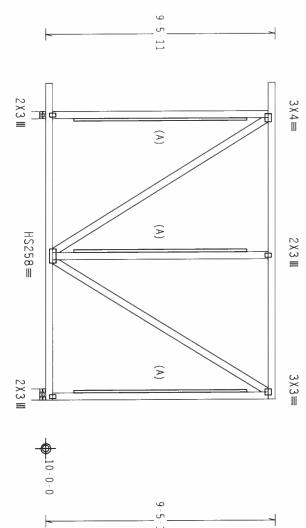
Truss must be installed as shown with top chord up

110 mph wind, 19.47 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, Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

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.





1-2-0 R=552 U=128 W=3.5" 13-0-0 Over 2 Supports R=472 U=84 W=5.5"

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

TYP.

20 Gauge HS, Wave

DRAHING INDICATES ACCEPTANCE OF PROFESS:
DESIGN SHOWN. THE SUITABILITY AND USE
BUILDING DESIGNER PER ANSI/1P1 | SEC. 2. **IMPORTANT***URRISH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR THE GCG. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE RUSS IN CONTORNANCE WITH FIFT, OR FARRICALING, SHIPPING, HISTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MAITONAL DESIGN SPEC, BY AFAPA) AND FIFT. ITH BCG CONNECTOR PLATES ARE MADE OF ZO/18/166A (4.1/55/K) ASHI AGS GRADE AD/50 (14. X/H.SS) GAVE, SEEL, APPLY PLATES TO EACH FACE OF TRUSS AND.

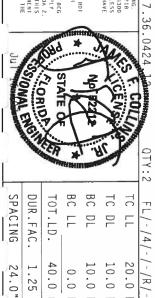
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FIFT 2002 SEC. 3.

A SEAL ON THIS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLE Y FOR THE TRUSS COMPONENT

Haines City, FL 33844

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ALPINE



		NG IV	N. S. Contraction	**************************************	BC		
	SPACING	DUR.FAC.	TOT.LD.	BC LL	C DL	C DL	וכ רר
	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JREF- 1T938228Z01		SEQN- 2146	HC-ENG JB/WHK	DRW HCUSR8228 07197089	DATE 07/16/07	REF R8228- 81190

Scale =.25"/Ft.

110 mph wind, 26.59 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 Top chord 2x4 SP #2 Dense Bot chord 2x6 SP #2 Webs 2x4 SP #3 :Rt Slider 2x6 SP #2: BLOO Wind reactions based on MWFRS pressures. Note: All Plates Are 3X4 Except As Shown. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels use purlins to brace all flat TC $24\mbox{"}$ OC. ITW Building Components Group, Inc. Haines City, FL 33844 140B Isaac Construction TYP. Wave ALPINE 4X6(A1) R=2120 U=527 W=5. #2: BLOCK LENGTH = Ш **MPORTANT***URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THE MCG. THE. SMALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMMONMACE WITH PP: OR FABRICATION. ANDIDING. SHIPPING, INSTALLING & BRACHO OF TRUSSES.

DESIGN COMMONS WITH APPLICABLE PROVISIONS OF HUS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI.

THIS DESIGN COMMONS WITH APPLICABLE PROVISIONS OF HUS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI.

THIS DESIGN COMMONS AND, UNLESS OTHERWISE COCATED ON HIS DESIGN, POSITION FER DRAHLING 160A Z.

ANY HESPECTION OF PARTES FOLLOWED BY (1) SHALL BE FER ANIEX AS OF TPIT 2002 SEC. 3.

AS SEA ON HIS SECOND OF PARTES FOLLOWED BY (1) SHALL BE FER ANIEX AS OF TPIT 2002 SEC. 3.

AS SEA ON HIS DESIGN SHOWN.

THE SULFABLE THE ADDITION HESE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY AND USE OF THE **HARNING** TRUESTS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RETER TO BEST (BUILDING COMPONICH SAFETY INTORNATION), PUBLISHED BY TFT (FBUSS PLATE INSTITUTE, 218 1003 IN., ALEXANDRIA, VA. 22314) AND MICA (MODD TRUES COUNCIL O' AMERICA, 6300 CHILBRASE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHIG THESE FUNCTIONS. UNLESS OTHERWISE HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHIG THESE FUNCTIONS. UNLESS OTHERWISE HADISON ALRED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE 2X3 III Jeremy Cady 10 1.643 Design Crit: 5 X 7 ≡ * 4 X 5 == 35-4-0 Over 2 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 5 X 7 ≡ 2 X 3 🔢 Ξ 5 -5-2 Ξ 4 X 5 ≡ PLB-Bottom chord checked for 20.00 psf non-concurrent live load SPECIAL LOADS Continuous lateral bracing equally spaced on member. From From 826 560 From 7.36.042 From 5 X 7 = (LUMBER E E 20 PLF at 0.00 5 PLF at 35.33 B Conc. Load at B Conc. Load at ER DUR.FAC.=1.25 / 66 PLF at 0.00 66 PLF at 12.45 66 PLF at 23.67 at 35.33 10 2 X 3 III ά -12 (16.51,21.44) (25.60,21.44) / PLATE DUR.FAC.=1.25)
to 66 PLF at 12.45
to 66 PLF at 23.67
to 66 PLF at 37.00
to 20 PLF at 35.33
to 5 PLF at 37.00 R=2424 U=605 W=5.5" to to 3X4(E3) =2X9(E3) III BC DL ВС TC DL DUR.FAC. TOT.LD. TC LL FL/-/4/-1-8-0 10.0 20.0 1.25 10.0 PSF /-/R/ 40.0 PSF 0.0 1-0-6 1-0-6 PSF PSF PSF DATE REF SEQN HC-ENG DRW HCUSR8228 07197109 Scale = .1875"/Ft. R8228- 81191 JB/WHK 07/16/07

Jul

SPACING

24.0"

JREF-

1T938228Z01

110 mph wind, 15.14 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 Bot Bottom chord checked for 20.00 psf non-concurrent live load. (B) 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. End verticals not exposed to wind pressure Wind reactions based on MWFRS pressures. Haines City, FL 33844
Haines City, FL 33844

FI Contificate of Authorization # 667 t chord 2x4 SP Webs 2x4 SP WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.* 140B Isaac Construction TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE TUSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HITS DESIGN, ANY FAILURE TO BUILD HE FRUSSES IN COMPORMANCE WITH FOIL OR FAREACALHIG, HABROLING, SUPPOPUR, HISTALLING A BRACHIG OF TRUSSES.

DESIGN CONTROLS HIT APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, RY ATRA) AND PI. HE RECOMPANY AND THE STATE OF THE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, RY ATRA) AND PI. HE RESPONSIBLE PROVISIONS AND HITS DESIGN SPEC, BY ATRA AND HITS DESIGN PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY AND PI.S DESIGN SPEC, BY ATRA AND HITS DESIGN SPECK.

DESIGN SHOWN. HIT SUITABLIFFY AND BY! () SHALL BE PER ANNEX AS OF PIL 2002 SEC. 3.

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AS SEA, ON HITS DESIGN SHOWN. HE SUITABLIFFY AND BY! () SHALL BE PER ANNEX AS OF PIL 2002 SEC. 3.

DESIGN SHOWN. HIT SUITABLIFFY AND USE OF HITS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANYL/FPI I SEC. 2. **MARNING** IRUSSIS REQUIRE LYREHE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BULDING COMPONING SAFETY INFORMATION), PUBLISHED BY TPI (1805S PLATE INSTITULE, ZIB UDRIN LEE SHEET, SUITE JIS, ALEXANDRIA, VA, 22314) AND NICA (400D TRUSS COUNCIL O MERICA, 6300 ENTERPRINS (LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HUSS LINCTIONS. UNLESS CHILBRISE INDICATED TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Jeremy Cady 1-8-0 3X4(R) III 2×3 III R=1156 U=242 W=3.5" 10 Design Crit: * 12-11-8 Over C1 3×4/ ά Ľ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 2 Supports Ξ 7 X 6 (R) Ⅲ 4-2-11 =2150 U=598 W=5.5" SPECIAL LOADS

----- (UMBER DUR.FAC.-1.25 / PLATE DUR.FAC
TC - From 66 PLF at 1.67 to 66 PLF at 7.3 to 66 PLF at 8.73 to 66 PLF at 8.73 to 66 PLF at 1.67 to 5 PLF at 1.67 to 5 PLF at 1.67 to 5 PLF at 0.00 to 20 (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" 0C. 4 X 5 (R) Ⅲ Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$ In lieu of structural panels use purlins to brace all flat TC @ $24\,^{\circ}$ OC. 3X4 **Ⅲ** 7.36 ₩ф (B) CORIO MIE / PLATE DUR.FAC.=1.25)
to 66 PLF at 8.73
to 66 PLF at 12.96
to 5 PLF at 0.00
to 20 PLF at 12.96
8.80, 10.80, 12.80 -10 BC DL TC DL TC LL ВС SPACING DUR.FAC. TOT.LD. FL/-/4/-/ 40.0 10.0 10.0 20.0 24.0" 1.25 /-/R/ 0.0 PSF PSF PSF PSF PSF JREF-DATE REF SEQN DRW HCUSR8228 07197063 HC-ENG Scale =.25"/Ft. R8228- 81192 1T938228Z01 JB/WHK 07/16/07

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | Wind reactions based on MWFRS pressures. 7-140B--Isaac Construction Jeremy Cady #2 Dense #2 Dense #3 C4) 110 mph wind, 15.14 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(+/ $^{\prime}$)=0.18

Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Bottom chord checked for 20.00 psf non-concurrent live load

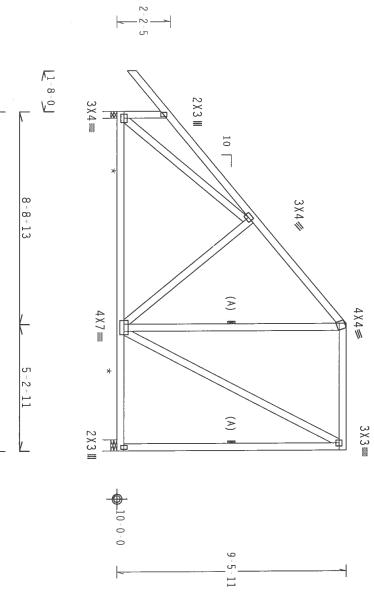
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

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 $24\,\text{\ensuremath{^{"}}}\ 0\text{\ensuremath{C}}.$

WIND ON TRUSS RUN BUILDING DESIGNER DETERMINE IF THIS AS CLOSED IN INDICATED AREA OR ENGINEER OF RECORD TO IS ACCEPTABLE.*





WARNING IRUSSES REDURE EXPREME CARE IN FABRICATION. HADDING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPUNENT SACTEY MEDGRATIDS). PUBLISHED TO BE THE (FRISS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 312. ALEXANDRIA, WA. 22314) AND MICA (HOOD TRUSS COUNCIL OF AMERICA. 6300 ETHERMENSE INDICATE, SUITE 312. ALEXANDRIA, WA. 22314) AND MICA (HOOD TRUSS COUNCIL OF AMERICA. 6300 ETHERMENSE INDICATED STREET AND SOM, MI 35719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PUBLOS SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 7.36.0424

Design Crit:

PLT

TYP.

Wave

IMPORTANT TUBBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FALLURE FOR DBLILD TRUSS IN COMPORNANCE WITH IP: OR FARELACING, OF DESIGN AND FALLURE AND FALLURE AND FRIENDESS.

DESIGN CONFECTIOR FALES ARE AND END FOR THIS OFFICE AND FALES OF THIS OFFICE AND FALES OF THE ADDRESS OF THIS OFFICE AND FALES OF THIS OFFICE AND FALES OF THIS OFFICE AND FALES OF THIS OFFICE AND FALES OFFIC

Haines City, FL 33844
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ALPINE

STATE CORIOR BC LL BC DL ·TC DL SPACING DUR.FAC. TOT.LD. 20.0 40.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JREF -DATE REF SEQN-HC-ENG DRW HCUSR8228 07197093 R8228- 81193 1T938228Z01 JB/WHK 07/16/07

QTY:6

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

Scale = .25"/Ft.

Bot factor for dead load is 1.50. Bottom chord checked for 20.00 psf non-concurrent live Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase 7 140B Isaac Construction Jeremy Cady t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.* TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN; ANY FALURET FOR BRILD THE TRASS IN COMPORMANCE WITH PRI. OR FARRECALHEG, HANDLING, SHIPPING, HYSTALLING A BRACHING OF TRASSES.

DESIGN CONTROPS WITH APPLICABLE PROVISIONS OF 1005 (MAJIONAL DESIGN SPEC, BY AFRA) AND TRI. OR THE CONTROLLING AND TRISSES OF A CONTROLLING AND TRISSESSOR AND TRIFE AND TRISSESSOR AND **#ARNING** INUSSES REQUIRE CYREME CARE IN FABRICATION, IMADILING, SHIPPING, INSTALLING AND BRACING. RETER TO BOS) (BUTCHING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 MONTH LEE SHREE, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIERPISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OHHRMISE HOLDSCHEED FOR FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 1-8-0 2×3 🛮 3 X 4 ≡ R=684 W=3 10 Design Crit: 12-11-8 Over C2 3×4/ -8-13 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 2 Supports $\widehat{\mathbb{R}}$ 4 X 4 = 4 X 7 == * =554 U=125 W=5.5" Right end vertical not exposed to wind pressure. 110 mph wind, 15.14 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 In lieu of structural panels use purlins to brace all flat TC $24\mbox{"}$ OC. $\widehat{\mathbb{A}}$ (A) Continuous lateral bracing equally spaced on member 3X3≡ 2X3 III 7.36.042 Мd ONVO 1 TC DL ВС TOT.LD. FL/-/4/-/ DI 40.0 10.0 20.0 PSF 10.0 PSF -/R/-0.0 PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 07197097 Scale =.25"/Ft. R8228- 81194 JB/WHK 07/16/07

Haines City, FL 33844
Fit Cortificate of Ambridge Haines City, FL 33844
Fit Cortificate of Ambridge H 547

DUR.FAC.

SPACING

24.0"

JREF-

7-140B--Isaac Construction Jeremy Cady C3

l op Bot chord chord 2x4 SP chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures.

Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

In lieu of structural panels use purlins to brace all flat TC @ $24\ensuremath{^{"}}\xspace$ OC.

WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.*

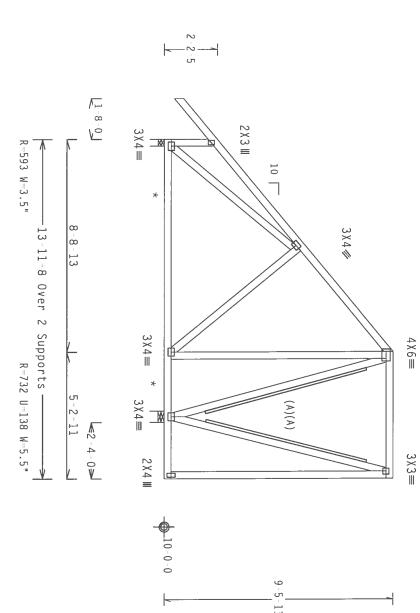
110 mph wind, 15.14 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Right end vertical 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.

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.



MARNING TRUSSES REQUIRE EXTREME CARE IN FAMBICATION, IMMOLING, SHIPPING, HISTALLING AND BRACING. RETER TO REST. (BUILDING COMPONENT SAFETY HOPOMATION), PUBLISHED BY FFT (TRUSS PLATE HISTITUTE, ZIB HORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, ZZ31A) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERITEMPLISE LANE, MAJSON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHIG THESE FUNCTIONS. UNLESS OBLIBERISE INDICATED FOR THOSE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE Design Crit: TPI=2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 F1 Cartificate of Amborization # 567 **MAPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FART TALLINE TO BUILD THE BRASS IN COMPORMANCE WITH FPI; OR FARECATHAG, HANDING, SHIPPING, HISTALLIGA A BRACHAG OF TRUSSES; OR CORRESPONDED TO 70/18H GROWN STORMS OF HIS SHORM OF TRUSSES. OR ATERA AND TPI. DESIGN COMPORTION PARTS ARE AND TO 70/18H GROWN STORMS OF HIS SHORM SOFT OF THE STORMS OF THE

ALPINE



PSF PSF PSF PSF PSF

SEQN-

HC-ENG

JB/WHK

DRW HCUSR8228 07197098

JREF -

1T938228Z01

DATE REF

07/16/07

Scale = .25"/Ft. R8228- 81195

Bot In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{\ }^{\prime\prime}$ OC. Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS pressures. PL 7 140B Isaac Construction Jeremy Cady ITW Building Components Group, Inc. Haines City, FL 33844 FI Contificate of Amborization # 567 chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 TYP. ALPINE Wave **IMPORTANT***URRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THW GCG. THC. SHALL HOT BE RESPONSIBLE FOR ANY DEVALION FROM THIS DESIGN, ANY TAILURE TO BUILD THE RUSS IN CONTORNANCE HITH THE LORE FOR TABLESHING. NAND-LIG. SHIPPING. HISTALLING A BRACING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROPISIONS OF HOS (MAITONAL DESIGN SPEC, BY AFRAY) AND FPL. THE GC CONNECTOR PLATES AND THOSE OF 20/18/1/GGA (M.H/SS/K) ASTH AGES GRADE 40/60 (M.K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OHTERHISE LOCATED ON THIS DESIGN, POSITION FOR BRANCHES OF TRUSS AND THIS STEEL OF THE SECONS OF THIS DESIGN. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CHESTICENTHE RESPONSIBILITY OF THE RESPONSIBILITY OF THE DESIGN SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **HARNING** IRUSSES RIQUINE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RELER TO BEST. (BULICOING COMPONENT SAFETY INFORMATION), PHRILISTED BRY FFI (FRUSS PLATE INSTITUTE, 218 HORTH LLEE STREET, SUITE 312, ALEXANDRA, VA, 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 CHIERRISE LANE, MAISSON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE L1-8-0 L1-9-3 2 X 3 Ⅲ 3 X 4 ₩ Design Crit: $3 \times 4 \equiv$ 3 X 5 √ R=1149 U=26 W=7.778" * 12 01) TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 3 X 4 ≡ 4 X 6 ≡ 20-8-0 Over 2 Supports $\widehat{\mathbb{A}}$ 3 \ 4 == 110 mph wind, 15.14 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 (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" 0C. Bottom chord checked for 20.00 psf non-concurrent live load. 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. 7.36.0424 Ξ 4 X 7 == 2 X 3 III CORIOR ATE O R=809 U=132 W=3.5" 0TY:1(A)3X3(R) **Ⅲ** 2X3 W BC LL ВС TC DL DUR.FAC. TOT.LD. T_C FL/-/4/-/-/R/-D 1.25 40.0 PSF 10.0 10.0 PSF 20.0 PSF 0.0 PSF PSF 9-5 $\stackrel{\cdot}{\Box}$ DATE REF SEQN DRW HCUSR8228 07197074 HC-ENG Scale = .25"/Ft. R8228- 81196 JB/WHK 07/16/07

BUILDING DESIGNER PER ANSI/TPI 1 SEC.

SPACING

24.0"

JREF -

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS 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" 0C. Bottom chord checked for 20.00 psf non-concurrent live load 7 140B Isaac Construction Jeremy Cady ITW Building Components Group, Inc. Haines City, FL 33844 FI Cartificate of Ambarization # 567 TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT***URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN; ANY FAILURE TO BRILD THE BROSS IN COMPORNANCE WITH PI: OR FARBICATHG, HANDLING, SHAPING, HISTALLING A BRACHEG OF TRUSSES.

DESIGN CONTROLLING, HANDLING, SHEPPING, HISTALLING A BRACHEG OF TRUSSES.

DESIGN CONTROLLING, AND HOLD, SHEPPING, HISTALLING A BRACHEG OF TRUSSES.

DESIGN CONTROLLING AND HE ADDED TO TO THE TO THE TO THE TO THE RESPONSIBILITY OF THE BCG CONNECTOR PLANTS ARE HADE OF TO/10/16GA, CH.H/SS/K), ALCALED ON THIS DESIGN, POSITION FER DRAMHING SHOON, AND HISTOLING FOR THE TOWN OF THE TOWN THE T **MARNING** TRUSCES BEQUIRE CERTERE CARE IN FABRICATION, FAMOLIGE, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (RULLDING COMPONENT SAFETY INFORMATION). POBLISHED BY TH (TRUSS PLATE HISTITHE, 218 HORTH LEE SIREE, SUITE 312, ALEXANDRIA, VA, ZZ310) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ERLERPASE LOUIS, MAISSON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING HIESE FUNCTIONS. UNITED OF THE STATE OF THE STAT 1-8-0 2 X 4 III 3×6 / R = 1040Design Crit: U=33 W=5 12 02) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6X4(R) W 4 X 7 == 20-8-0 Over 2 Supports 3 \ 4 = (B) 1x4 #3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC. Right end vertical not exposed to wind pressure. 110 mph wind, 15.14 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 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ In lieu of structural panels use purlins to brace all flat TC $24\,\text{^{"}}$ OC. (B) 3 \ 4 ≡ $3 \times 4 =$ CORIO R=910 U=134 W=3.5" (B) $3 \times 4 =$ 2X3 III BC DL DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/ _10-0-0 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 9 SEQN-DATE REF DRW HCUSR8228 07197079 HC-ENG Scale = .25"/Ft. R8228- 81197 JB/WHK 07/16/07

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

SPACING

24.0"

JREF -

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W9 2x4 SP (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point) See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for filler details, Laterally brace chord above/below filler @ 24" 0.C. Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ Bottom chord checked for 20.00 psf non-concurrent live load Wind reactions based on MWFRS pressures 7 140B Isaac Construction Jeremy Cady Haines City, FL 33844

rei ficate of a whorization # 567 TYP. ALPINE 20 Gauge HS, Wave **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 10 BUILD THE RUSS IN COMPORMANCE WITH PI; OR FARBICATION, INADIALING, SHEPTIGE, HEYALLING, ABBACHIGO THRUSSES.

DESIGN CONTROCTANG, INADIALING, SHEPTIGE, HEYALLING, ABBACHIGO THRUSSES.

DESIGN CONTROCTOR PLATES ARE HADE OF 70/10/16GA (N.H/55/K) ASTH AGS3 GRADE 40/50 (N. K/N.SS) GALV. SIELE. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OFFICENCY OF THIS DESIGN, POSITION PER DRAHMIGS 160A Z. ANY INSPECTION OF PLATES FOLOHED BY (1) SHALL BE PER ANNEX A TO FIT! 2002 SEC.3. A SEAL ON HIS DESIGN SHOULD BE ADMINISTED AND THE SECOND OF THE SOLELY TOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS HER RESPONSIBILITY OF THE **MARNING** RUSSES RIQUIRE LYREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BESI (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ŽIB
HORHI LEE STRETE, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (4000 TRUSS COUNCIL OF AMERICA, 6300
ERHTEPRISE LAHE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS
OTHERMISE INDICATED TOP CHORD STALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD STALL HAVE
A PROPERLY ATTACHED RIGHD CELLING. BUILDING DESIGNER PER ANSI/TP1 1 SEC. 1-8-0 #2 Dense: 2×4 III 3 X 6 ≪ R=1040 U=33 W=5 Design Crit: 12 05 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 13 - 2 - 0HS258≡ 4 X 7 = 20-8-0 (A) Over 2 Supports 7 X 6≡ 110 mph wind, 15.11 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 2×4 III Right end vertical not exposed to wind pressure. In lieu of structural panels use purlins to brace all flat TC $24\mbox{"}$ OC. (A) Continuous lateral bracing equally spaced on member Ξ 2 X 3 III 7.36.042 3 - 8 - 12-0-0 OSIONAL ENGINE STATE O Ż 2 X 3 🎚 2X4 III œ Т R=910 U=134 W=3.5" $\widehat{\mathbb{A}}$ 3X3**≡** 3 X 4 ≡ 3X3≡ ₩9 0-ω BC LL BC DL SPACING DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/ _10-0-0 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 0.0 PSF DATE REF JREF -SEQN: DRW HCUSR8228 07197082 HC-ENG Scale =.25"/Ft. R8228- 81198 1T938228Z01 JB/WHK 07/16/07 1945

Bot In lieu of structural panels use purlins to brace all flat TC 24" ${\tt OC.}$ Wind reactions based on MWFRS pressures 7 140B Isaac Construction Jeremy Cady ITW Building Components Group, Inc. Haines City, FL 33844 Ft Cardificate of Amborization # 567 p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP TYP. ALPINE Wave 3X4(B1) =#2 Dense #2 Dense #3 =917 U=52 W=5.5" 12 **IMPORTANT**FURMISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE NEG. THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORNANCE WITH PI; OR FARRICATHO. HANDLING, SHAPPING, HISTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIDNAL DESIGN SPEC, BY ATEPA) AND TP!. THE BCG CONNECTOR PLATES ARE MADE OF ZO/IBJ16GA (M.H/SS/K), ASTH A653 GRADE 405(0), PSITION PER DRAWNES 160A Z. PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE COATED ON THIS DESIGN, POSITION PER DRAWNES 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI) 2002 SEC 3.

A SEAL ON THIS **HÅRNING** IRUSETS ROUMER EXTREME EARE IN FABRICATION, IMADIEMS, SUPPRIMS, INSTALLING AND BRACING, METER TO BEST. (BUILDING COMPONENT SAFLY IN MORMATION), PUBLISHED BY TPI (IRUSS PLATE INSTITUTE, 3DE MORTH LEE SIREET, SUITE 312, ALEXANDRIA, VA, ZZZIA) AND WICKA (MODD. TRUSS COUNCIL OF AMERICA. 6300 FINIERPRISC LANG, MODISON, NI 63719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG-DESIGN SHOWN. THE SUITABILITY AND USE OF THIS I ഗ -9 Design Crit: 2X3 III 4×6= 90 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 20-8-0 Over 3 X 4≡ D2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT OF THE IS THE RESPONSIBILITY OF THE $4 \times 7 \equiv$ 2 X 3 Ⅲ 2 Supports 中 110 mph wind, 15.28 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(+/ $^{\prime}$)=0.18 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. Bottom chord checked for 20.00 psf non-concurrent live load 7.36.0424 15-0-7 ONO 3 X 4 ≡ 3×4≡ BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/ R=907 U=108 1.25 40.0 10.0 10.0 PSF 20.0 PSF '-/R/ 0.0 3 X 4≡ PSF PSF PSF 2X3 III SEQN-DATE REF DRW HCUSR8228 07197086 HC-ENG Scale = .375"/Ft. R8228- 81199 JB/WHK 07/16/07 6

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

SPACING

24.0"

JREF-

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W9 2x4 SP (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point) See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for filler details. Laterally brace chord above/below filler @ 24" 0.C. Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ Bottom chord checked for 20.00 psf non-concurrent live load ITW Building Components Group, Inc. Haines City, FL 33844. FI Carlificate of Ambarization # 567 140B Isaac Construction Jeremy Cady TYP. ALPINE 20 Gauge HS, Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BLE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP); OR FARRICATHE, HANDLING, SHEPPING, INSTALLING & BRACHEG OF TRUSSES.

DESIGN CONTENENS HITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATAPA) AND IP1. ITH BCG CONNECTION PLANES ARE HADE OF 20/18/15GA (M.H/SS/R) ASTH A653 GRADE 40/16G, POSITION PER DRAWNING 15GA Z. PLANES OF LACH ACC OF THEISS AND. MULESS ON THE MATES OF LACH ACC OF THEISS AND. MULESS ON THE SOURCE OF TH **WARNING** RUSSIS BEQUIRE LYBERG CARE IN FABRICATION, IMMOLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST. (BUILDING COMPONENT SAFELY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 MORTH LEE SIRETI, SUITE 312, ALEXANDRIA, VA, 22314) AND BICA (400D TRUSS COUNCIL OF AREAICA, 630D CHILBERGIST LANE, MAISON, MI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE, HOLOCALED DO CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE BUILDING DESIGNER PER ANSI/IPI 1 SEC. ANY INSPECTION OF PLATES FOLLOHED BY (I) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG V-8-0 #2 Dense: 2×4 III 3 X 6 ∅ R = 1040Design Crit: U=32 5 12 D4) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 13-2-0 HS258≡ 4 X 7 ≡ 20-8-0 Over 2 Supports (A) 02 SEC.3. A SEAL ON THIS SOLULY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE Right end vertical not exposed to wind pressure. 110 mph wind, 15.14 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(+/ $^{\prime}$)=0.18 In lieu of structural panels use purlins to brace all flat TC $24\mbox{\ensuremath{^{\circ}}}\xspace$ $0\mbox{\ensuremath{^{\circ}}}\xspace$ (A) Continuous lateral bracing equally spaced on member $\widehat{\mathbb{A}}$ 2 X 4 III 2 X 3 III 7.36.042 7 X 6≡ 13-7-15 1-0-0 STONAL ENGRAPES 2 X 3 Ⅲ 2 X 4 III R=910 U=135 W=3.5" $\widehat{\mathbb{A}}$ 3X3= 3X3= 3 X 4 ≡ **6**M BC LL BC DL SPACING TC DL TC LL DUR.FAC TOT.LD. FL/-/4/-/-/R/ 40.0 10-0-0 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 9 DATE JREF -SEQN-REF DRW HCUSR8228 07197090 HC-ENG Scale = .25"/Ft. R8228- 81200 1T938228Z01 JB/WHK 1909 07/16/07

Top chord Bot chord Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS pressures Bottom chord checked for 20.00 psf non-concurrent live load (A) Continuous lateral bracing equally spaced on member 7-140B--Isaac Construction Jeremy Cady ITW Building Components Group, Inc. Haines City, FL 33844 F1 רפיזי ificate of Amhorization # לארן TYP. 2x4 SP d 2x4 SP s 2x4 SP ALPINE Wave #2 Dense #2 Dense #3 :W3 2x4 SP **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SMALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE MITH IN THIS DESIGN CONFIDENCE. SHEPPIC, INSTALLING A BRACING OF TRUSSES, ATRAYA AND ITH.

ITH BCG CONTROCRES WITH APPLICANCE PROVISIONS OF DROS (MATIONAL DESIGN SPEC, BY ARAPA) AND ITH.

ITH BCG CONTROCRES WITH APPLICANCE PROVISIONS OF DROS (MATIONAL DESIGN SPEC, BY ARAPA) AND ITH.

ITH BCG CONTROCRES WITH APPLICANCE OF THE PROVISIONS OF DROS (MATIONAL DESIGN SPEC, BY ARAPA) AND ITH BCG CONTROCTOR THATES ARE HODE OF 20/18/16/ACM, WINTSKYN, ASTH AGES DERADE 40/60 (M. K.M.S.S.) ACM.* STEEL, APPLY PLATES TO EACH FACE OF THE SECOND WITH SPECIAL OF THE THESE COMPONEMENT FOR MATERIAL SHEET, BOTTON THE THESE COMPONEMENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

THE SHEET OF THE SECOND WITH SPECIAL OF THE SECOND WITH SPECIAL OF THE SECOND WITH SPECIAL OF THE SHEET OF THE THESE COMPONEMENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. **#ARNING** IRRUSE'S REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO ECST. (BUILDING COMPONENT SAFETH INFORMATION. PINDLISHED BY TPI. (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2214) AND HTCA. (HODD. TRUSS COUNCIL OF AMERICA. 6300 CHIEFEREISE LAME, HADISON, HI. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE, LUDICALIED FOR CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED A TACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER AUSI/IPI I SEC. 2. 1-8-0 #2 Dense: 3×5/ 2 X 4 III =104012 Design Crit: U=31 W=5Ġ ά 3×5= D3) 3 3X4 // 3 X 3 ≡ 1-0-0 3 \ 4 ≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 4 X 6≡ 20-8-0 Over 0-8 $\widehat{\mathbb{A}}$ 2 Supports 2 X 4 III 2X3 III 7 X 6≡ Calculated horizontal deflection is 0.09" due to live load and 0.16" due to dead load. Right end vertical not exposed to wind pressure. 110 mph wind, 15.14 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 In lieu of structural panels use purlins to brace $24\ ^{\circ}$ OC. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$ 3 - 7 - 15 $\widehat{\mathbb{A}}$ 3 \ 4 == 4 X 7 == CORIOR 9 2-0 R=910 U=134 W=3.5" (A) 3X3(R) **Ⅲ** 2X3 III BC LL BC DL TC DL SPACING TOT.LD. DUR . FAC FL/-/4/-/-/R/-10-0-0 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 1.25 0.0 all flat TC PSF 9 JREF-DATE SEQN-REF DRW HCUSR8228 07197092 HC-ENG Scale = .25"/Ft. R8228 81201 1T938228Z01 JB/WHK 07/16/07

Bot 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 MWFRS pressures. Bottom chord checked for 20.00 psf non-concurrent live load Haines City, FL 33844
Liffcate orizati chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W3 2x4 SP 140B Isaac Construction Jeremy Cady TYP. Wave ALPINE ***IMPORTANT***URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR THE BCG. INC. SHALL HO
BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BRILD THE BUSS IN COMFORMACE WITH
PI: OR FARRISH THE AMPLICABLE PROVISIONS OF MS (STATIONAL DESIGN SPEC. BY AFTAPA) AND TPI.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MS (ANTIONAL DESIGN SPEC. BY AFTAPA) AND TPI.
CONNECTOR PAIRST ARE MODE OF 20/18/166A (M-M/SSY) ASTH AGS SEADOR 40/60 (M-K/M-SS) GALV. SITELL APPLY
PLATES TO EACH FACE OF TRUSS AND. DIRESS OTHERHISE LOCATE ON THIS DESIGN. POSITION PER BRANHES 160A.
ANY INSPECTION OF PAIRST POLICAPED BY (1) SHALL BE FER AMBLE XA OF TPI T 2002 SEC. 3.

A SEA, OH HIS
DESIGN SIDMAL THE SHITLANGLEY AND DESIGN SHALLIFY AND DESIGN SIDMAL THE SHITLANGLEY AND THIS CONFORMATION. ***MARNING** IQUSSES REQUIRE CYREME CARE IN FABRICATION, IMMOLING, SHIPPING, INSTALLING AND BRACING.
**FIRE TO REST (BULLDING COMPONENT SAFETY INFORMATION), POWELSHED BY THE (TRUSS PLATE INSTITULE, 218
**MORTH LEE STRELT, SUITE 312, ALEXANDRIA, VA, Z2314) AND WICA (400D TRUSS COUNCIL OF AMERICA, 6300
**CHIERPRISE LAUE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE FUNCTIONS. UNLESS
OHHERMISE HOLDSKAFED FOR FORDOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CELLING. #2 Dense: 1-10-14 y 3×4/ 2X3 III 10.5 W Design Crit: R=498 U=117 W=6.288" ← 5-8-10 Over 3 Supports — * 2-9-12 HJR2) 3 X 4 (R) Ⅲ 3 3X4/ 3X3≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 2-10-14 3X3≡ R=115 U=34 R=225 U=39 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS From
From 7.36.0424 (LUMBER DUR.FAC.=1.25 105 62 48 -9 LB Conc. Load at 105 LB Conc. Load at 62 LB Conc. Load at 48 LB Conc. Load at 67 PLF at -1.91 t 5 PLF at -1.91 t 20 PLF at 0.00 t 20 PLF at 2.81 t 5 →13-0-0 12-0-0 / PLATE DUR.FAC.=1.25)
to 67 PLF at 5.72
to 5 PLF at 0.00
to 20 PLF at 2.81
to 20 PLF at 5.72 QTY:2 2.13 3.56 2.13 3.56 BC LL TC DL TC LL BC DL DUR.FAC. TOT.LD. FL/-/4/-/ 40.0 PSF 10.0 10.0 PSF 20.0 PSF 1.25 / - /R/-0.0 PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 07197001 Scale =.375"/Ft. R8228- 81202 JB/WHK 07/16/07

1

SPACING

24.0"

JREF -

7 1408 Isaac Construction Jeremy Cady JB2)

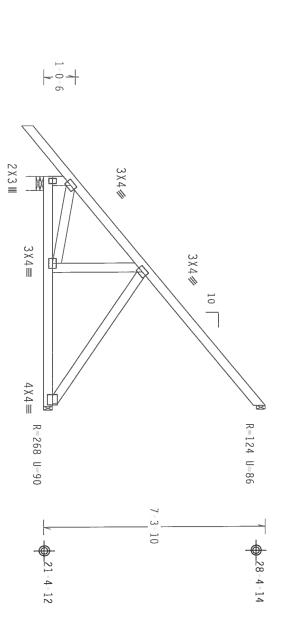
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

Wind reactions based on MWFRS pressures

110 mph wind, 24.87 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

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.



L1 8 0 V R-456 W-5.5" -7-6-5 Over 3 Supports

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

TYP.

Wave

WARNING TRUSSES REQUIRE CERENE CARE IN FABRICATION, IMADILIO, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI (BULICHING COMPONENT SAFETY INFORMATION), PUBLISHED BY FI (TRUSS PLATE INSTITUTE, 21B UNBHIL LEE SHREE, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 LIRIESPENSE LAND, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OTHERWISE LODICATED FOR FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Cortificate of Authorization # 567 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE RRISES IN COMPORMANCE WITH TPI; OR FARR LACTHIG. HANDLING, SHIPPIG. INSTALLIG A BRACHIGO F TRUSSES.

DESIGN CONTROWS WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SEC. BY AREA) AND TPI.

DESIGN CONTROWS AND THE APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SEC. BY AREA) AND TPI.

DESIGN CONTROWS AND THE APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SEC. BY AREA) AND TPI.

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (CCATED ON THIS DESIGN, POSITION DER DRAWHIGS 160A Z.

ANY HISPECTION OF PARTES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPIL 200Z SEC. 3.

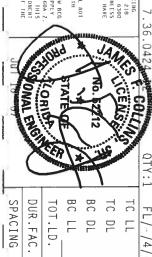
A SEAL OF THE SHALL SHALL BY AND THE ANNEX AS OF THIS DESIGN SHOWN.

DRAWHIG INDICATES ACCEPTANCE OF PROFESSIONAL FIGURE FOR RESPONSIBILITY SOLLY FOR THE TRUSS COMPONENT

DESIGN SHOWN. THE SHITABILITY AND DISE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DESIGN SHOWN, THE SHITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE



D. 40.0 PSF AC. 1.25	BC DL 10.0 PSF DRW HCUSR8228 07197011	TC LL 20.0 PSF REF R8228- 81203
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Scale = .3125"/Ft.

7-140B - Isaac Construction Jeremy Cady JB1)

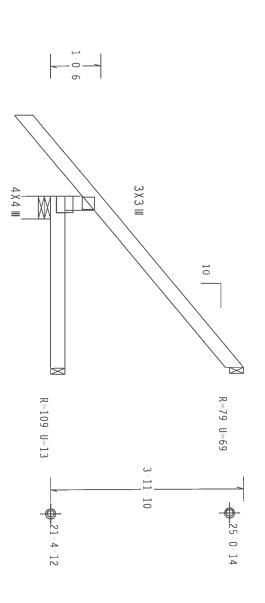
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

Wind reactions based on MWFRS pressures

110 mph wind, 23.20 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 7-02, CLOSED bldg, Located TC DL-5.0 psf, wind BC

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.



N 1 8 0 V R-299 U-6 W-5.5" ▲3-6-5 Over 3 Supports>

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

7.36.042

TC LL

20.0 PSF

REF

R8228- 81204

07/16/07

JB/WHK

FL/-/4/-/

-/R/

Scale =.5"/Ft.

TYP. Wave

HARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING, REFER TO BEST (BUILDING COMPORAD SAFETY INFORMATION), PUBLISHED BY FPT (TRUSS EXATE INSTITUTE, 213 HORNILLE, SHITE, SHITE ALS, ALEXANDAN, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHITERPENSE LANE, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISC HOLDS CHALLED FOR FORDERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND SHALL PAREL

ALPINE

IMPORTANTCHRISH A COPY OF THIS DESIGN OF THE INSTALLATION CONTRACTOR. THE BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH PIPE, OR FARRICATION, IMADILION, SHIPPING, INSTALLION OF RESEARCH OF TRUSSES, DESIGN OF TRUS

BC LL TC DL SPACING DUR.FAC. TOT.LD. P 1.25 40.0 PSF 10.0 10.0 PSF 24.0" 0.0 PSF PSF JREF -DATE SEQN-DRW HCUSR8228 07197012 HC-ENG

7 1408 Isaac Construction Jeremy Cady E JB

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

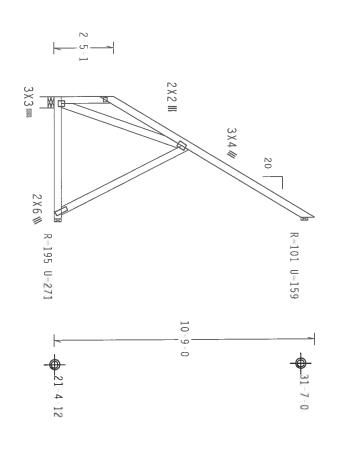
Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure.

110 mph wind, 27.98 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

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.



0 0 Over 3 Supports

R-247 U-80 W-5.5"

HARNUNG INUSES REQUIRE CENERY CARE HI FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING.
HARNUNG COULDING COMPOUENT SAFETY HINCOMALION), PUBLISHED BY TRY LINUS PLAIE INSTITUTE, 218
**HORTH HEE SIRELI, SUITE 312, ALEXANDRIA, VA. 2231A) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6500
**INTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERIORHING HISE THICTIONS. UNLESS
OTHERMISE HINDICATED TOP CHORNE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARIELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CELLING. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

7.36.042

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

Scale =.25"/Ft.

TYP.

Wave

ALPINE

IMPORTANTCUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HILLS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH BEILD FOR CONTRACTOR PLATES ARE MAD OF TO/THIS DESIGN. PROVISIONS OF BIS (MAILURAL DESIGN SPEC, BY AGAPA) AND IPI. ITH BGG CONTROL OF THE PLATES ARE MAD OF TO/THIS DESIGN. PROVISIONS OF BIS (MAILURAL DESIGN SPEC, BY AGAPA) AND IPI. ITH BGG CONTROL OF THE PLATES ARE MAD OF TO/THIS DESIGN. PROVISIONS OF BIS (MAILURAL DESIGN SPEC, BY AGAPA) AND IPI. ITH BGG CONTROL OF THE PLATES ARE MAD OF TO/THIS DESIGN. PROVISIONS OF PLATES ARE MAD OF TO/THIS DESIGN. PROVISION OF PLATES ARE MAD OF TO/THIS DESIGN. PROVISION OF PLATES TO AND THIS SHOWN AND THIS SHOWN AS A OF THIS 2002 SEC. 3.

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DNLESS ONLESS * J. BC LL TC DL TC LL SPACING DUR.FAC. TOT.LD. PL 1.25 40.0 PSF 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 0.0 PSF JREF-DATE REF SEQN DRW HCUSR8228 07197013 HC-ENG R8228- 81205 1T938228Z01 JB/WHK 07/16/07

7-140B--Isaac Construction Jeremy Cady **J85**

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

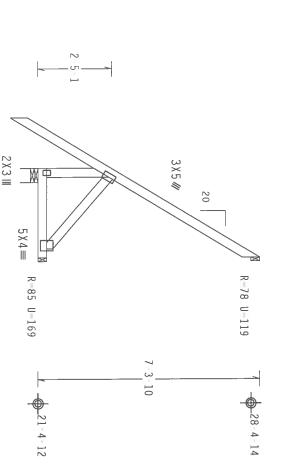
Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure.

110 mph wind, 24.87 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

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 $1.50\,\cdot$



2-11-3 Over 3 Supports

330 U-35 W-5.5"

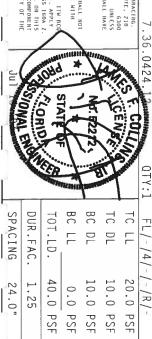
MARNING RHISSIS REQUIRE CARE IN FARRICATION, HARDING, SHIPPING, INSTALLING AND BRACING, BEFIRE TO REST (BUILDING COMPONENT SAFETY HIGRANATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 NORTH LEE SIREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND HTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERHISE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLOCITO FOR PHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 FI Catificate "A "horizati" " 4 677 **IMPORTANT**rurrish a copy of this design to the installation contractor. The beg, inc. Shall not be responsible for any deviation from this design, any faller to build the tracs in componence with file responsible from any deviation from this design. Shall be according of traces of traces of the state of the state of traces of traces of traces of the state of traces of traces of the state of traces of the state of traces of traces of traces of the state of traces of tra

ALPINE



JREF-

1T938228Z01

SEQN-

HC-ENG

JB/WHK 2601

DRW HCUSR8228 07197014

07/16/07

REF DATE

Scale =.3125"/Ft. R8228- 81206

7-140B--Isaac Construction Jeremy Cady JB4)

Bot p chord 2x4 SP / t chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #2 Dense

Mind Wind reactions based on MWFRS pressures

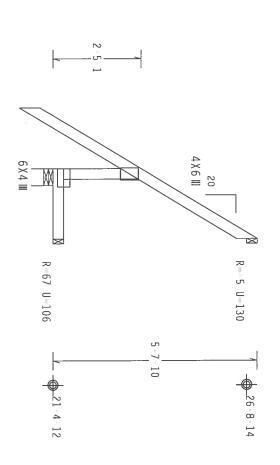
Left end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

110 mph wind, 24.04 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC

Calculated horizontal deflection is 0.69" $0.25\mbox{\,}^{"}$ due to dead load. due to live load and

Bottom chord checked for 20.00 psf non-concurrent live load.





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

7.36.0424

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

Scale = .375"/Ft.

PLT

TYP.

Wave

#ARNING RHISSIS REQUERE EXERTE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHIG, RETER 10 BEST (BUILDING COMPONENT SAFETY HUTGHANION), PUBLISHED BY THE (FIRES FLATE HISTITHEE, 210 ADDRIN LEE SIREET, SUITE 312. ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHILERRISE LAME, HADISON, H. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORHING THESE FUNCTIONS. UNLESS OTHERHISE HOLICATED FOR CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED THACHES HIGHES CHORD SHALL HAVE

Haines City, FL 33844
Haines City, FL 33844
FI Contificate of Amborization # 567 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BLE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP): OR FARRICATION, ANALOLUG, SHAPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTROTS HITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, B. WATERA) AND IP1. THE CONTROLS ARE HADE OF Z0/18/16/66 (H. M.SS/K) ASAT MASS GRADE 40/60 (H. K/M.SS) GALV SIECL. APPLY PLAIES TO EACH FACE OF HUSS AND. UNITESS OF THIS SOCIETY OF THE RESPONSIBILITY OF THE DRAMING HOLICATES ACCEPTANCE OF PROTESSIONAL INGENERATION RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUSINESSISTED IN SUITABLITY OF THE

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE

No. 622 **ENS** BC LL , B C 17 51 TC LL SPACING DUR.FAC. TOT.LD. 민 1.25 40.0 10.0 10.0 PSF 20.0 PSF 24.0" 0.0 PSF PSF PSF JREF -REF SEQN DATE DRW HCUSR8228 07197015 HC-ENG R8228-81207 1T938228Z01 JB/WHK 07/16/07

7-140B--Isaac Construction Jeremy Cady **JB**3

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

Wind reactions based on MWFRS pressures

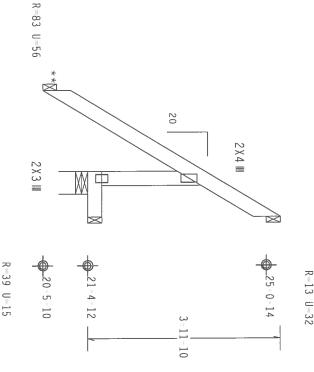
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

FASCIA BEAM DESIGNED AND FURNISHED BY OTHERS. PROVIDE CONNECTION FOR REACTIONS SHOWN.

110 mph wind, 23.20 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18 7-02, CLOSED bldg, L TC DL=5.0 psf, wind Located d BC

Bottom chord checked for 20.00 psf non-concurrent live load

Shim all supports to solid bearing



Over 4 Supports R=151 U=152 W=5.5"

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

TYP.

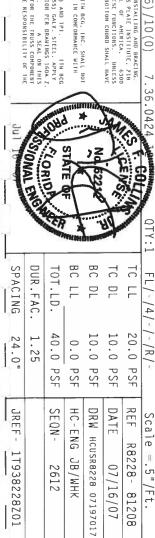
Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH FOIL OR TANGEALING, MAIDLING, SHIPPING, INSTALLING A BRACHING OF TRUSSES.

DESIGN CONTROLORS WITH APPLICABLE PROVISIONS OF HIS (MATIDNAL DESIGN SPEC, BY ATAPA) AND FPI. CONTROLORS OF THE APPLY SHIPPING, AND THE CONTROLORS OF THIS DESIGN SPEC, BY ATAPA) AND FPI. THE BEACH FACE OF TRUSS AND, UNICES OFFICENCY, ANY ATAPA SHORE OF A SHIPPING SHALL SO OFFICENCY OF THIS DESIGN POSITION FRE DRAMINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FPER ANHELY AS OF FPI TOODS SEC. 3. AS SEAL ON THIS DESIGN SHOP OF PLATES FOLLOWED BY (1) SHALL BE FPER ANHELY AS OF FPI TOODS SEC. 3. AS SEAL ON THIS DESIGN SHOP OF THE THIS SECRETARIES OF THIS DESIGN SHOP OF THE THIS SECRETARIES OF THIS COMPONENT OF THE THIS SECRETARIES OF THIS DESIGN SHOP OF THE THIS SECRETARIES OF THE THIS DESIGN SHOP OF THIS DESIGN SHOP OF THIS DESIGN SHOP OF THE THIS DESIGN SHOP OF THIS DESIGN SHOP OF THE THIS DESIGN SHOP OF

Haines City, FL 33844
Ft Conficate of Amborization # \$67

ALPINE



JB/WHK

Scale = .5"/Ft.

R8228- 81208

07/16/07

Top chord 2x4 SP / Bot chord 2x6 SP / Webs 2x4 SP / 110 mph wind, 27.15 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 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels use purlins to brace all flat TC @ $24\mbox{"}$ OC. End verticals not exposed to wind pressure. 7-140B--Isaac Construction Jeremy Cady TYP. ALPINE Wave #2 Dense #2 #3 ***IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS OUSSIGN: ANY FAILURE 10 BUILD THE FRUSES IN COMPORMANCE WITH THIS OUSSIGN: ANY FAILURE AND THE SECOND A A PROPERLY ATTACHED RIGID CEILING 2X3 **Ⅲ** 3X5 // R 325 U 72 W 5.5" Ŋ, 0 20 0 Over 2 Supports-> 0 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ (A) (A) R=560 U=109 $3 \times 4 \equiv$ 4×4= 1 0 2 X 3 III JB6) 2 X 3 III /10(0) Wind reactions based on MWFRS pressures. Bottom chord checked for 20.00 psf non-concurrent live load SPECIAL LOADS Continuous lateral bracing equally spaced on member. --(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
From 79 PLF at 0.00 to 79 PLF at 4.00
From 79 PLF at 4.00 to 79 PLF at 5.00
From 20 PLF at 0.00 to 20 PLF at 5.00
391 LB Conc. Load at 4.00 .36.0424 BC LL BC DL TC DL TC LL FL/-/4/-/-/R/seminate the frames a seminated opening the se 20.0 10.0 10.0 PSF 0.0 PSF PSF PSF DATE REF DRW HCUSR8228 07197021 HC-ENG Scale = .3125"/Ft. R8228- 81209 JB/WHK 07/16/07

ITW Building Components Group, Inc. Haines City, FL 33844 FT Condificate of Authorization # 547

BUILDING DESIGNER PER AUSI/IPI I SEC.

CLOBIO.

SPACING

24.0" 1.25

JREF -

11938228201

DUR.FAC

TOT.LD.

40.0

PSF

SEQN-

2643

7 140B Isaac Construction Jeremy Cady * JS7

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

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.21" due to live load and 0.47" due to dead load.

Bottom chord checked for 20.00 psf non-concurrent live load

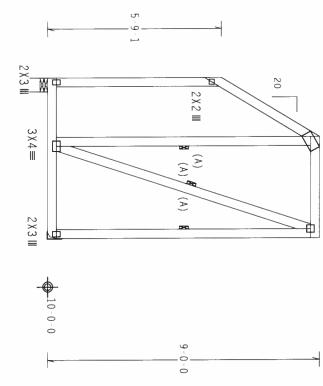
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. $4\chi 7 \gg 3\chi 3 \equiv$ 4X7# 3X3≡

110 mph wind, 17.38 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

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ $24\ ^{\circ}$ OC.



9 بٰ

R=260 U=16 W=5.5" **∧** 5-3-3 Over 2 Supports R=260 U=135

TYP.

Wave

WARNING IRUSE(S REUDIRE COMPORERY SAFETY INFORMATION). [MADDIRE, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPORERY SAFETY INFORMATION). PROBLISHED BY THE (IRUSS PLANE INSTITUTE, 210 HORSH ILE SIREET, SUITE 312. ALEXANDRIA, VA. Z2214) AND WICA (MODD TRUSS COUNCIL OF AMERICA. 6300 ERITERNEIS LABE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DUESS OTHERWISE LODGE-COLOR TO THE CHORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED REGIONAL MADE SAFETY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRILLD THE RUSS IN COMFORMANCE HITH IP! OR FARRICATING, HANDLIG, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFRYA) AND TP!.

THE BCG. CONTRACTOR PLATES AND. ON TEXT AND THE STORMANDES SHOWN THE STORMAND SHOWN THE STORMAND SHOWN THE MANDLES AND THE STORMAND SHOWN THE SHOWN THE STORMAND SHOWN THE AND THE STORMAND SHOWN THE SHOWN THE STORMAND SHOWN THE SH

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HE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD SEAL ON THIS

Haines City, FL 33844
FI Conficate of Authorization 41 527

ALPINE

7.36.0424 CORIOR STATE O TC ___ FL/-/4/-/-/R/-

7		Name of Street,	WINE P	Harris		
SPACING	DUR.FAC.	T0T.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T938228Z01		SEQN- 1644	HC-ENG JB/WHK	DRW HCUSR8228 0719702	DATE 07/16/07	REF R8228- 81210

Scale = .3125"/Ft.

7 140B Isaac Construction Jeremy Cady ** JR4)

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

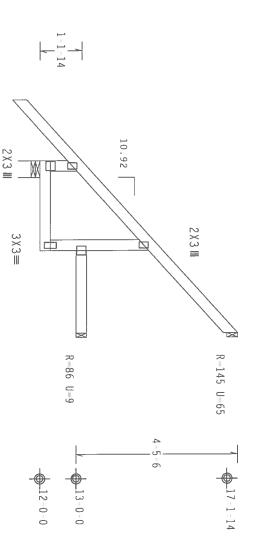
Wind reactions based on MWFRS pressures

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

110 mph wind, 15.00 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

Bottom chord checked for 20.00 psf non-concurrent live load

Fasten rated sheathing to one face of this frame.



1-0-0

★1 8 0 **★**1

3X3 **Ⅲ**

2 X 4 III

R 347 W 5.5" 4-8-9 0ver 2-5-8 ယ Supports 2 - 3 - 1

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

PLT TYP.

Wave

WARNING RUSSES REQUIRE LYMENE CARE IN FABRICATION, MANDLINE, SHIPPING, INSTALLING AND BRACING.
METTE TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218
MORTH LEE SIRCET, SUITE 31Z, ALEXANDRIA, VA. 2231A) AND BICA (MODD TRUSS COUNCIL OF AMERICA, 6300
EHIEPREISE LANE, MADISON, BI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS
OTHERWISE HOLDEN-CATED OF CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SMALL HAVE
A PROPERLY ATTACHED RIGID CEILING. 7.36.042

ALPINE

ITW Building Components Group, Inc. Haines City, FL 33844 FI Cartificate of Authorization # 547 **IMPORTANT **FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, LHC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE FRUSS IN COMPORNANCE WITH PI: OR FARRICATHIG. HANDLING, SHEPPING, HISTALLING A BRACHEG OF TRUSSES, DESIGN CONTROPS, HITH APPLICABLE PROVISIONS OF DDS. (MATIONAL DESIGN SEC. B. VATENA) AND FRI. . ITH BCG CONNECTOR PLATES ARE HADE OF 20/18/16/6A (M.H/SS/K) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANKEX AS OF FRIT 2002 SEC. 3. A SEAL ON THIS DESIGN SEC. 3. ASTAL ON T DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO DESIGN SHOWN. THE SULTABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

CORIOR BC LL BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. 40.0 PSF 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 1.25 0.0 PSF JRFF-REF DATE SEQN-DRW HCUSR8228 07197033 HC-ENG R8228- 81211 1T938228Z01 JB/WHK 07/16/07 2021

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

Scale = .375"/Ft.

7 140B Isaac Construction Jeremy Cady JR1

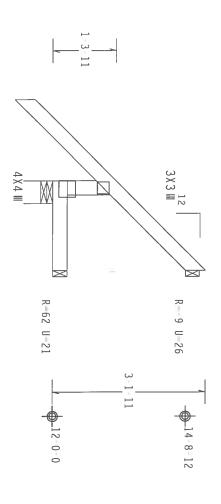
Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | #2 Dense #2 Dense #2 Dense

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, 15.00 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

Bottom chord checked for 20.00 psf non-concurrent live load



1-8-0-√ -10-0 Over 3 Supports P -260 W-5.5"

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

7.36.0424

PLT TYP.

Wave

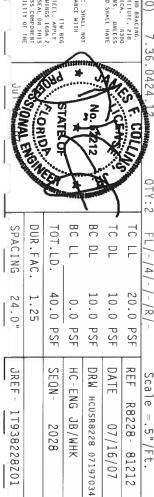
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, ZIB HORTH LEE STREIT, SUITE 173. ALEXANDRIA, NA, 22314) AND MICHA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIERPH SE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HUSE FUNCTIONS. UNITES OTHERHISE LINE, ANDISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HUSE FUNCTIONS. UNITES A PROPERTY ANTACHED BEIGNED SHALL HAVE PROPERTY ANTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ANTACHED REGION CHORD SHALL HAVE

IMPORTANTGrapish a copy of this design to the installation contractor. The BCG, Inc. Shall not be responsible for any deviation root this design, any fallower for builth the fraces in componentic with the local controls of the state. The controls of the state in controls of the state and the state in controls of the state and the state in controls of the state and the state in controls of the state in the state in controls of the state in the state in controls of the state in the sta

Haines City, FL 33844

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ALPINE



7 140B Isaac Construction Jeremy Cady JR2)

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

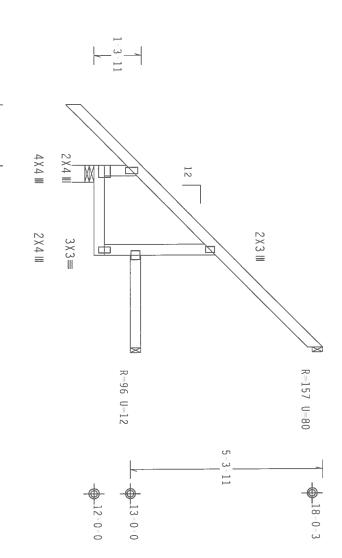
Wind reactions based on MWFRS pressures

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

110 mph wind, 15.00 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

Bottom chord checked for 20.00 psf non-concurrent live load

Fasten rated sheathing to one face of this frame



1 - 0 - 0

★1-8-0→

R-364 W-5.5" 2-5-8 W Supports > 2-6-8

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

TYP.

Wave

WARNING. IRUSSI'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (RBUSS PLANE INSTITUTE, 218 UNDER LAUF, SUITE 127, ALEXANDRIA, VA, 22214) AND MICHA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIGES FUNCTIONS. UNICESS OTHERWISE INDICATED TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED BIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BY RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TATURE TO BUILD THE TRUSS IN COMPORMED WITH PIL OR LANGLATHOR, ANDLIGG. SHIPPING, INSTALLING A BRACHER OF TRUSSES.

DESIGN CONTRACT HIS ARE HADE OF 2018 JEGG, PHYSIAC, SHATIONAL DESIGN SPEC, BY AFAFA, AND TPI.

CONTRECTOR PLAISE ARE HADE OF 2018 JEGG, PH. HISSAY, ASTH ASS GRADE 4056 (PL. KJI.S.S) GALV. STEEL, APPLY PLAISE TO EACH FACE OF TRUSS, AND. DHILESS OHIERNISE LOCATED ON THIS DESIGN, POSITION FER BRAHHIGS 160A Z.

ANY INSPECTION OF PLAISE FOLLOWED BY CT) SHALL BE FER ANNY XA OF TPIT 2002 SEC. 3.

A SEA OF HIS DESIGNED ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOWN.

THE SULFABLE THAT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED PER ANSI/TPI I SEC. 2.

ALPINE

ONAL ENGINEE KORIDE QTY:3 SPACING FL/-/4/-/-/R/-

Ĺ			-			
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T938228Z01		SEQN- 2031	HC-ENG JB/WHK	DRW HCUSR8228 07197035	DATE 07/16/07	REF R8228- 81213

Scale = .375"/Ft.

Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection. 110 mph wind, 15.33 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, Iu=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Bottom chord checked for 20.00 psf non-concurrent live load. (A) Continuous lateral bracing equally spaced on member. Left end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures. 7-140B--Isaac Construction Jeremy Cady p chord 2x4 SP t t chord 2x4 SP t Webs 2x4 SP t TYP. ALPINE Wave #2 Dense #2 Dense #3 2 - 4 - 0 **IMPORTANT** THENTSH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALLER FOR BRILD THE TRUSS IN COMPORMANCE WITH THIS. OF TARKEAL HIGH. SHADLING. SHIPPING. INSTALLING & BRACHEG OF TRUSSES. ANY ATRAY AND IPL. DESIGN CONFECTIOR PART AT A CONTRACT OF TRUSSES. AND THE ANY AND IPL. SHIPPING. INSTALLING & BRACHEG OF TRUSSES. AND AND IPL. SHIPPING. THE ANY AND THE SHIPPING. THE SHIPPING OF THE PROFITS OF THE PROFITS OF THE PROFITS OF THE PROFITS OF THE SHIPPING. THE SHIPPING OF THE SHIPPING O **WARNING** HOUSE'S BEOURBE CYTECHE CARE IN FABRICATION, IMABILIAE, SHIPPING, INSTALLING AND BRACING, PETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), POURLISHED BY THI (TRUSS PLAIE HISTITUTE, 218 HORTH HE STREEL, SUITE 312, ALEXANDRIA, VA, Z2314) AND WICA (MODD TRUSS COUNCIL O MATRICA, 6300 ENTREPRIS LANE, MADISON, WI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE LIDICALED INFORMOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE **₹**3-2-14**>** 10.29 2 X 4 Ⅲ R-1173 U-457 W-10.69" 10-2-13 Over 3 Supports > Design Crit: 3X4/ Srh 3X4/ 3 X 4 ≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Ξ 6 X 4≡ R=1148 U=461 -235 U-112 SPECIAL From 7.36.0424 - (LUMBER DUR.FAC.=1.25 / PLA
From 66 PLF at -3.24 to
From 56 PLF at -3.24 to
From 20 PLF at 0.00 to
48 LB Conc. Load at 2.01
106 LB Conc. Load at 5.64
185 LB Conc. Load at 5.90
152 LB Conc. Load at 2.01
44 LB Conc. Load at 2.01
44 LB Conc. Load at 3.31
187 LB Conc. Load at 3.31
187 LB Conc. Load at 3.91
185 LB Conc. Load at 3.91
185 LB Conc. Load at 3.91
185 LB Conc. Load at 7.97
419 LB Conc. Load at 7.97 CORVO 2.01 3.31 5.64 5.90 7.97 2.01 2.01 3.31 5.90 7.97 9.79 PLATE DUR.FAC.=1.25)
to 66 PLF at 10.23
to 5 PLF at 0.00
to 20 PLF at 10.23 . 64 ВС ВС C SPACING DUR.FAC. TC TOT.LD. FL/-/4/-DL DL 20.0 40.0 PSF 10.0 10.0 PSF 24.0" 1.25 -/R/-0.0 PSF PSF PSF SEQN-DATE REF JREF-HC-ENG DRW HCUSR8228 07197036 Scale = .1875"/Ft. R8228 81214 1T938228Z01 JB/WHK 07/16/07

7-140B Isaac Construction Jeremy Cady JS5)

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

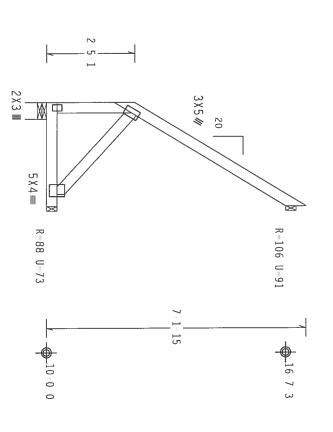
Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

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

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 $1.50.\,$



10 Over 3 Supports

2

R 141 U 53 W 5.5" Design Crit:

PLT

ΤΥΡ.

Wave

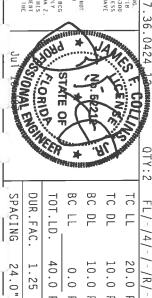
REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BREFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (RRUSS PLATE INSTITUTE, 218 UNDER LIST ALEXANDRIA, YA, 22314) AND HIGH COMPONENT BROWNER, SAFETY PRACTICES PRIOR TO PREFORMING HESS COUNCIL OF AMERICA, 6300 CHICERRESE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESS FUNCTIONS, UNICESS OTHERWISE HOLDSCALED FOR PUBLISH SHALL HAVE PROPERLY ATTACHED RIGHD SHALL HAVE PROPERLY ATTACHED RIGHD SHALL HAVE A PROPERLY ATTACHED RIGHD SCILLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TP: OR FARBLEACHING, MANDLING, SUMPPING, HISTALLING & BRACLING OF TRUSSES, DESIGN CONTRORS WITH APPLICABLE PROVISIONS OF DROS (MATHONA, DESIGN SPC. 9, VATAPA, AND TP!. THE BEG. CONHECTOR PLATES ARE HADE OF 20/18/16/66 (M.1/55/K) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. BUILESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWLINGS 160A Z. ANY INSECTION OF PLATES FOLOHED BY (I) SHALL BE PER ANHEY AS OF FPI1 2002 SEC.3. A SEAL ON THIS DRAWLING INDICATES ACCEPTANCE OF PROFESSIONAL MEGINETIES OF FPI1 2002 SEC.3. A SEAL ON THIS DRAWLING INDICATES ACCEPTANCE OF PROFESSIONAL MEGINETIES TO RAW SOURCE AS THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI 1 SEC.

Haines City, FL 33844

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ALPINE



	SOMAL ENGIN	FLORIOT EER	STATE OF MINIS	No. 58214-1-		S Y COLLING
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T938228Z01		SEQN- 1606	HC-ENG JB/WHK	DRW HCUSR8228 07197042	DATE 07/16/07	REF R8228- 81215

Scale =.375"/Ft.

7-140B Isaac Construction Jeremy Cady JS4)

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

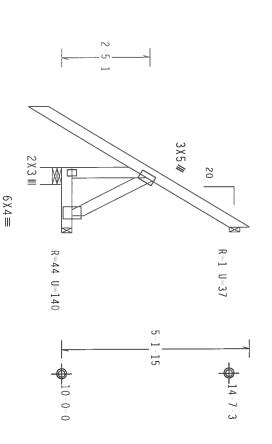
Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

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

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.



★1-8-0→ 1-7-12 Over 3 Supports R-299 U=7 W-5.5"

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

TYP.

Wave

MARNING RHISSIS REDUIRE EXTRIPE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHEG, REFER TO REST (BUILDING COMPONENT SAFITY INFORMATION), PUBLISHED BY THE (FINES PLATE INSTITUTE, 218 MORTH LTE SERTET, SHITE 312, ALEXANDRIA, VA. 22314) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERNESS LAME, MADISON, HI 53210) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. UNLESS OTHERNISC HOLGALID FOR GENEROS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED NIGHTS FOR SHALL HAVE A PROPERLY ATTACHED NIGHTS.

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION TRANS ITS DESIGN. ANY TAILURE TO BUILD THE BASS IN CONTORNACE WITH IPI. OR LAREACHING, MANDLIGS. SHEPPING, INSTALLING A BRACHING OF TRUSSES. DESIGN. ANY THE APPLICABLE PROPUSIONS OF HIS SCHOOL OF TRUSSES. OF AFERA AND TPI. ITH BCC CONTRICTOR PLATES ARE ALONG OF ZOLFUF PROVISIONS OF HIS SCHOOL BOARD ADDRESS OF AVERA AND TRUSSES. OF ANY TRANSPORT OF THE DESIGN. PROVISION FOR DEALTH ANCE OF TRUSS. AND. JUNESS OTHERWISE LOCATED ON ITHIS DESIGN. POSITION FOR BRAHNIGS 160A Z. ANY INSPECTION OF PLATES TOLOHOUR BY (1) SHALL BE FER ANIREX AS OF IPI1 ZOOZ SEC. 3. A SCAL ON THIS DESIGN AND THE SULFABLE OF PROFESSIONAL PROJECTION FOR SOME PROFESSIONAL PROJECTION OF THE BEST OF THE SUBJECTION OF PLATES TOLOHOUR BY (1) SHALL BE FER ANIREX AS OF IPI1 ZOOZ SEC. 3. A SCAL ON THIS DESIGN AND THE SULFABLE OF PROFESSIONAL PROJECTION OF THE BEST OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SUBJECTION OF THE BUSINESSION OF THE SULFABLE OF THE SULFABL

ITW Building Components Group, Inc. Haines City, FL 33844 FT Cartificate production # 567



DATE REF

07/16/07

Scale = .375"/Ft. R8228 81216

DRW HCUSR8228 07197043

HC=ENG JB/WHK

SEQN-

1603

JREF-

7-140B - Isaac Construction Jeremy Cady JS1)

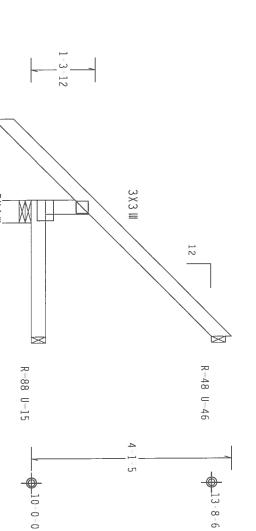
Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #2 Dense

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, 15.00 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

Bottom chord checked for 20.00 psf non-concurrent live load





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

TYP.

Wave

MARMING TRUSSES REQUIRE CENTERY CARE IN FARRICATION, IMABILING, SHIPPING, INSTALLING AND BRACING.

**THER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218

HORHH LEE SHREE, SULIE 312, ALEXANDRIA, VA, 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300

EHTERPRISE (ANIE, MAJISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS

OTHERMESE INDICATED TOR CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE

A PROPERLY ATTACHED REGID CEILING.

ALPINE

Haines City, FL 33844
Fit Conficate of Ambritzation # 567 **IMPORTANT***URRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE 1D BRILD THE TRUSS IN COMPORMANCE WITH PL: OR FARBLEATHIG, UNADLING, SHEPPIG, INSTALLING A BRACHIGO OF TRUSSES.

DESIGN CONTORNS HITH APPLICABLE PROVISIONS OF INDS (MATIONAL DESIGN SPEC, BY AFRA) AND IPP. ITW BEG CONNECTOR PLAITS ARE MADE OF 20/10/166. OH.N/SSEX) ASHE MAGE 40/60 (W. K/M.SS) GALV. STELL, APPLY PLAIES TO LACH FACE OF TRUSS AND. UNIESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 160A Z. ANY INSPECTION OF PLAITS FOLLOWED BY (I) SHALL BE PER MINEX AS OF IPPL 2002 SEC.3. A SLAL ON THIS DESIGN SHOWN.

BRACHIGG UNICALISES ACCEPTANCE OF PROFESSIONAL EMBLIGHES HIGH RESPONSIBILITY SOLUTY FOR HIE RESPONSIBILITY OF THE DRIVEN SHOWN.

BRACHIGG HORIZANT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.



R8228- 81217

07/16/07

17938228201

7 140B Isaac Construction Jeremy Cady * JR5)

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

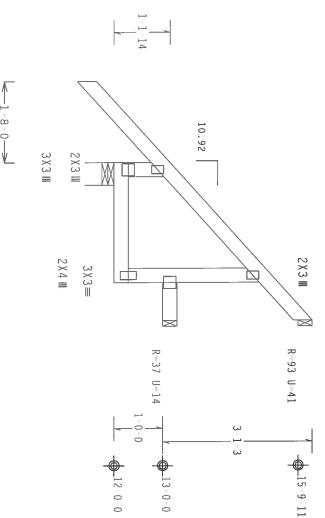
Wind reactions based on MWFRS pressures

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

110 mph wind, 15.00 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

Bottom chord checked for 20.00 psf non-concurrent live load

Fasten rated sheathing to one face of this frame



1-8-0-V

2-5-8 -13 Over w Supports

293 W 5.5'

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

7.36.0424

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

Scale =.5"/Ft.

TYP.

Wave

HARNING RUSSES REQUIRE CENTENE CARE IN FARRICATION, INMOLIUE, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (RULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB HORRIH LEE SHRETE, SUITE 31Z, ALEXANDRIA, VA. ZZ31A) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ERHEREPSE LOLIC, MOISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHIAG INEST FUNCTIONS. UNLESS OTHERWISE INDICATED OF CORROB SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE HISTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROPERTY OF THIS DESIGN. ANY TALLINE TO BUILD HE TRUSS IN COMPORNANCE WITH FIT. OR FARRICATING, INAIDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

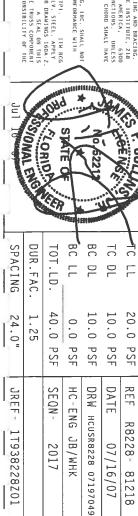
DESIGN CONDUCTOR WITH APPLICABLE PROVISIONS OF BDS (NATIONAL DESIGN SPEC, BY ATAPA) AND TPI. ITH BCG CONNECTOR PLATES ARE HADE OF 20/18/1/66A (M.H/SS/K), ASTH A653 GRADE 40/50 (K.K.H.SS) GALV. SHEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. BUILESS OHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A. A. ANY INSPECTION OF PLATES FOLORED BY (1) SHALL BE DER ANNEX A DE PPI) 2002 SEC. 3. A SEA, ON THIS BRAHING INDICATES ACCEPTANCE OF PROTESSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE TRUSS COMPONENT DESIGN SHOWN.

DESIGN SHOWN. HE SUITABLETY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BYCOMMERCENT.

DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Haines City, FL 33844
Haines City, FL 33844
FI On ificate of A minorization we can

ALPINE



7 140B - Isaac Construction Jeremy Cady JS2)

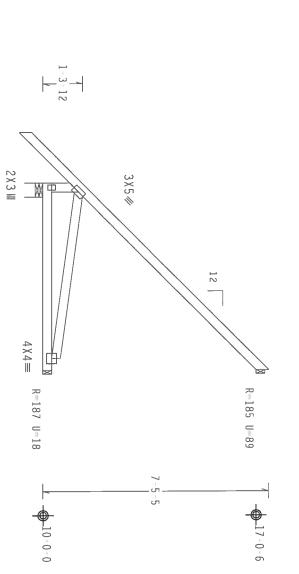
Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

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, 15.00 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

Bottom chord checked for 20.00 psf non-concurrent live load



R-411 W-5.5" ♠6-1-10 Over 3 Supports >

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

PLT

TYP.

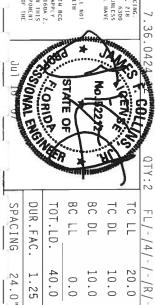
Wave

HARNING IRUSSES REQUIRE EXTREME CAME IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RECER TO BEST (MULTOTHG COMPONENT SAFELY INFORMATION), PUBLISHED BAY FIT (TRUSS PLATE INSTITULE, 2128 HORTH LLE SHEET, SHITE 212, ALEXANDRAL, VA, 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHRISTAPESE LAME, HANSSON, HI 55719) FOR SAFELY PRACTICES PRIOR TO PERFORMING INESS CHUCITORS. UNLESS OHHERISE HOLDING BORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

ALPINE

IMPORTANT INBILISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL HOT INFINITY TO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE FRUSS II CONFORMANCE WITH INFINITY CONTROL OF TRUSSES.

DESIGN CONTROL OF THE SHALL HAVE LEAST FROM SHALL BE ARREADED ON THIS DESIGN. POSITION FOR DRAWHINGS THE HARD CONTROL OF THE SHALL BE FOR AMERICA ON THIS DESIGN. POSITION FOR DRAWHINGS THE ARREADED ON THIS DESIGN. POSITION FOR THE SHIPPER ARREADED ON THE SHIPPE



40.0 PSF

SEQN-

24.0" 1.25

JREF -

1T938228Z01

10.0 10.0 PSF 20.0 PSF

DRW HCUSR8228 07197050

DATE REF

07/16/07

Scale =.3125"/Ft. R8228- 81219

0.0 PSF PSF

HC-ENG

JB/WHK

140B Isaac Construction Jeremy Cady EJK)

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

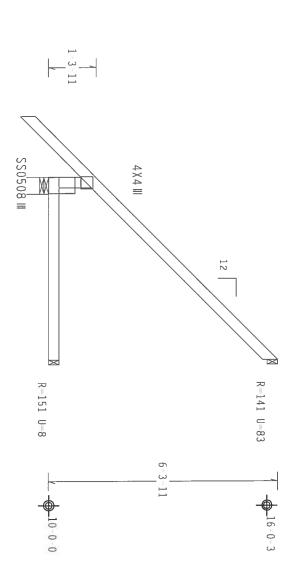
Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

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

Truss plate sizes beginning with SS are 18 gauge Super Strength plates.

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



1-8-0→ R=364 W=5.5" ←5=0=0 Over 3 Supports >

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

PLT

TYP.

18

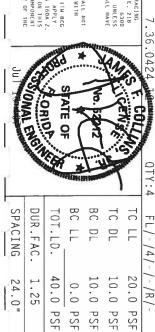
Gauge HS, Wave **WARNING** IRUSSES DEDUIRE EXTREME CARE IN FABRICATION, DANDLING, SHIPPING, INSTALLING AND BRACING. RELER TO BEST (DUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (CHUSS PLATE INSTITUTE, 218 1087), ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIERNASE LAHE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING INESE FUNCTIONS. UNLESS OTHERMISE INDICATED TO PEORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE NCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PLY OR FARRICATHOR, HANDLING, SHIPPHIG, HISTALLING A BRACHING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SPEC, BY ATAFA) AND TPI. IN BCC CONNECTOR PLAIES ARE HADE OF 20/18/16/64 (W.H/SS/W) ASTH A653 GRADE 40/60 (W. K/M.SS) GALV. STEEL APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OHIERRISE LOCATED ON THIS DESIGN, POSITION PER BRANHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MINEX AS OF THI 2002 SEC. 3. A SEAL ON THIS DRAIME HAD CHEEK ACCEPTORS IN THE MASS COMPONENT OF THE SHALL RESPONSIBILITY OR THE STATE OF THE SHALL BE FER MINEX AS OF THIS SOLLY TOR HE TRUSS COMPONENT OF THE SHALL BE FER MINEX AS OF THIS SOLLY TOR HE TRUSS COMPONENT OF THE SHALL BE FER MINEX AS OF THIS SOLLY TOR HE TRUSS COMPONENT OF THE SHALL BE FER MINEX AS OF THE SOLLY TOR HE TRUSS COMPONENT OF THE SHALL BE FER MINEX AS OF THE FROM THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC.

Haines City, FL 33844
Haines City, FL 33844
Haines City, FL 30844

ALPINE



DATE REF

07/16/07

Scale =.375"/Ft. R8228- 81220

DRW HCUSR8228 07197051

JREF-

1T938228Z01

SEQN-

HC-ENG

JB/WHK

7 1408 Isaac Construction Jeremy Cady * JS3)

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

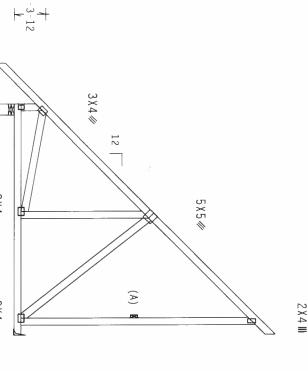
Wind reactions based on MWFRS pressures.

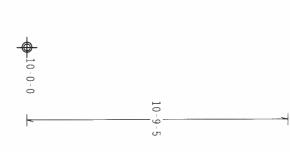
Bottom chord checked for 20.00 psf non-concurrent live load.

110 mph wind, 15.21 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

(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.





1-8-0

2X3 III

3 X 4 ≡

3 \ 4 ≡

R=547 W=5.5" -9-5-10 Over 2 Supports -R=419 U=158

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

PLT

TYP.

Wave

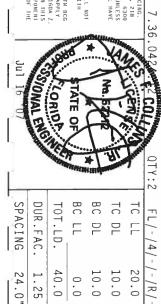
WARNING IRUSES REQUIRE EXTREME CARE IN CARRICATION, IMABLING, SHIPPING, INSTALLING AND BRACING, REFLER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (IRUSS PLATE INSTITUTE, ZIB HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND HICA (MODO TRUSS COUNCIL OF ANTREA, 6300 ENTERPRISE LANE, MADISON, HI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERNISE INDICATED THE CORRES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

ALPINE

Haines City, FL 33844

FI Conficate of Ambrigation # 647 ***IMPORTANT***URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN. FOR FARELANDIAN AND THE SETS OF THE SETS OF THE SETS.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NUS (MATIONAL DESIGN SECC. BY AFRY) AND TP1. ITW BCG CONNECTOR PLAILS ARE HADE OF 70/18/16/64 (M.H.195/K), ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLAIES TO EACH FACE OF TRUSS AND. UNIESS OF THIS DESIGN FOR THIS DESIGN. FOR THOM PER DRAWING SIGN A. ANY HISPECTION OF TRAILS FOLLOWED BY (I) SHALL BE PER ANNEX OF TP11 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLY FOR THE CRESCONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI 1 SEC.



24.0"

JREF -

1T938228Z01

1.25

40.0 PSF

SEQN-HC-ENG

1592

10.0 PSF

DATE REF

07/16/07

10.0 PSF 0.0 PSF

DRW HCUSR8228 07197055

JB/WHK

20.0 PSF

Scale =.25"/Ft. R8228- 81221

7-140B--Isaac Construction Jeremy Cady НJR1)

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

Wind reactions based on MWFRS pressures.

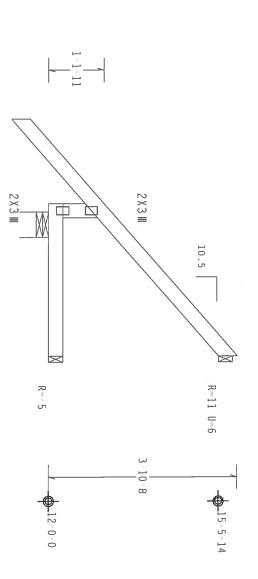
Sub-fascia beam assumptions: $3-5\cdot 4$ sub-fascia beam on the $0\cdot 1\cdot 7$ cantilever side. $3\cdot 5\cdot 4$ sub-fascia beam on the $0\cdot 1\cdot 7$ cantilever side.

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 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

The following trusses need concentrated loads at the end of their overhangs: 2-2-9 span/setback member on the 0-1-7 cant side requires 18 lbs and the 2-2-9 span/setback member on the 0-1-7 cant side requires 18 lbs.

Hipjack supports $2\cdot 2\cdot 9$ setback jacks with $0\cdot 1\cdot 7$ cantilever one face; $0\cdot 1\cdot 7$ cantilever opposite face.



<u>-1-8-13</u> ▲3-1-9 Over 3 Supports→ R-172 U-13 W-6.288"

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

PLT

TYP.

Wave

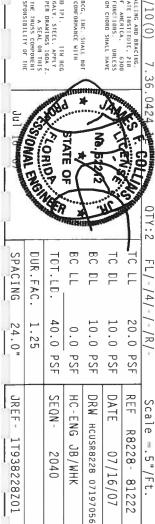
WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONENT SACTLY INCOMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB HORTH LEE SIRET, SUITE LIZA ALEXANDRIA, NA, 22:14) AND SHEAT HOLD TRUSS COUNCIL OF AMERICA. 6300 CHITERPRIST LIME, HADISON, HI 53719) FOR SACETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOUSE, CETO TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION SHALL HAVE

Haines City, FL 33844
FI Confifcate of Authorization # 647 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FARBICATHO. HANDLING, SHEPPIUG, HISTALLING A BRACHIG OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF INDS (MATIONAL DESIGN SECC. BY AREA) AND PI. HEGG. CONNECTOR PLATES ARE HADE OF 20/15/16GA (M.H/SS/K) ASTH A653 GRADE 40/60 (M.K/M.SS) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OFFICHANDE LOCATED ON THIS DESIGN, POSITION PER DRAWHENS 160A Z. ANY HISPECTION OF FALTES ACCUPANCE OF PROFESSIONAL CHORDICAL MERCENOWSTELLITY SOLLY FOR THE TRUSS COMPONENT DRAWLING, INDICATES ACCUPANCE OF THE SESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF THE SESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF THE SESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF THE SESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF PRICESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF PRICESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF PRICESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF PRICESSIONAL CHORDICAL BEFORE ANIEX AS OF PRIL 2002 SEC. 3. A SEAL ON THIS DRAWLING, INDICATES ACCUPANCE OF PRICESSIONAL CHORDICAL BEFORE ANY BOULDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

ALPINE



7-140B--Isaac Construction Jeremy Cady JK3)

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

Wind reactions based on MWFRS pressures.

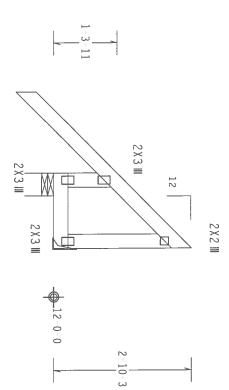
Bottom chord checked for 20.00 psf non-concurrent live load

Fasten rated sheathing to one face of this frame

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

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 $1.50\,\cdot$



ά] - 0 - V 6 8 Over 2 Supports R=258 W=5.5" R=37 U=41

TYP.

Wave

WARNING RRISSES BEDRIBE EXTREME CARE IN FARBICATION, JUANNING, SHIPPING, INSTALLING AND BRACHIG, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY PI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERIFERRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORMING THESE FUNCTIONS. UNLESS OTHERWISE LINGLOCATED FOR CHURD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARIETS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

ALPINE

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Condificate of Amborization 4 567 **IMPORTANT***URRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS OESIGN: ANY FAILURE TO BRILL THE BUSS IN COMPORANCE WITH TP: OR FARBICALING, HANDLING, SHIPPING, HISTALLING A BRAIGHT OF TRUSSES.

TO REARBICATION FOR THE PROVISIONS OF UDS (MATIONAL DESIGN SPEC, BY AFRA) AND TP! THE BCG CONNECTOR PLATES ARE HADE OF 20/18/16GA (M.H/SS/K) ASTH A653 GRADE 40/50 (M. K/M.SS) GALV. SIETEL APPLY PLATES TO EXAME HADE OF 20/18/16GA (M.H/SS/K) ASTH A653 GRADE 40/50 (M. K/M.SS) GALV. SIETEL APPLY PLATES TO EXAME HADE OF 20/18/16GA (M.H/SS/K) ASTH A653 GRADE 40/50 (M. EVILLS AND LINESS AND DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/IPI I SEC. 2. DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY

02 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT RG IS THE RESPONSIBILITY OF THE 7.36.0424 Jul 16 SONAL ENGREE BC LL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/ DL 10.0 PSF 24.0" 1.25 40.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF JREF -REF SEQN-DATE DRW HCUSR8228 07197057 HC-ENG Scale =.5"/Ft. R8228- 81223 1T938228Z01

JB/WHK

07/16/07

7-1408--Isaac Construction Jeremy Cady

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

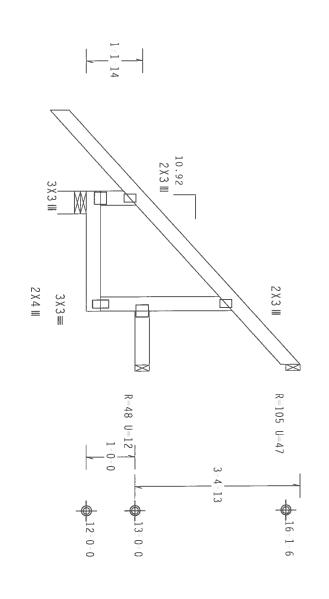
Wind reactions based on MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

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

Bottom chord checked for 20.00 psf non-concurrent live load

Fasten rated sheathing to one face of this frame



└ 1 - 8 - 0 - > J

R=304 W=5.5" ٨ 3=6=13 Over 3 2-5-8 Supports > 1=1=5

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

QTY:2

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

Scale = .5"/Ft.

TYP.

Wave

HARNING IGUSSES REQUIRE CENERI CARE IN FAMBICATION, IMADILUG, SHIPPING, INSTALLING AND BRACING, RETER TO BEST I GUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CHRUSS PLATE INSTITUTE, 218 UNBH LEE SIREE, SUITE 312, ALEXANDRIA, VA. ZZ313) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHILERPLISE LAIL, MADISON, NI 55719) FOR SAFETY PRACTICES PRIOR 10 PERFORMING HEST FUNCTIONS. UNILESS OBHIGHNIC HOLDEND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

ALPINE

Haines City, FL 33844
Haines City, FL 33844
Haines City, FL 37844 **IMPORTANT***URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FARRICATHG, MANDLING, SHEPPING, INSTALLING A BRACHIGO OF TRUSSES; OR TARA) AND TPI. ITH BGG DESIGN CONTRORMS WITH APPLICABLE PROVISIONS OF DDS (MAIODAL DESIGN SPEC, BY ATRA) AND TPI. ITH BGG CONTROLES AND THE ADDITIONS OF DDS (MAIODAL DESIGN SPEC, BY ATRA) AND TPI. THE BGC CONTROLES AND THE ADDITIONS OF DDS (MAIODAC MAIA) AND THE ADDITION OF ADDITION OF ADDITION OF THE ADDITION OF ADDITION OF ADDITION OF THE ADDITION OF THE ADDITION OF PACES TOLLOWED BY (1) SMALL BE FER ANDRY A 300 TPI 2002 SEC 3. A SEAL ON THIS BRANDING HOLGLES ACCIPANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR HE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPL 1 SEC. 2. DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

BC LL TC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. 40.0 1.25 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF JREF-REF SEQN-DATE HC-ENG DRW HCUSR8228 07197062 R8228- 81224 1T938228Z01 JB/WHK 07/16/07

7-140B--Isaac Construction Jeremy Cady JK1)

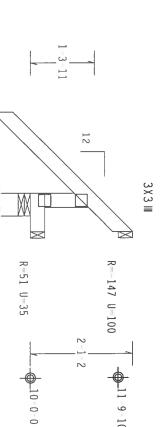
Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #2 Dense

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, 15.00 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

Bottom chord checked for 20.00 psf non-concurrent live load



<u>1-8-0-</u>√ 0-9-7 Over 3 289 W-5.5* Supports

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

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

Scale =.5"/Ft.

PLT

TYP.

Wave

WARNING RUSSCE REQUIRE CYREME CARE IN FABRICATION, IMADILIAC, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (MULTUHG COMPONENT SAFETY HYDRANION), POULISHED BY THE (RUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND MICA (MOOD TRUSS COUNCIL OR AMERICA, 6300 CHIEBRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING HIESE FUNCTIONS. UNLESS OTHERWISE HOLDEN-CATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE

Haines City, FL 33844
From inficate of a misorization # 567 **IMPORTANT***rubhish a copy of this design to the installation contractor. The beg. inc. shall not be responsible for any deviation from this design, any fallower to build the laws in componence with the responsible for any deviations, supported by the state of this section of the section

ALPINE

STATE OF 1 C LL BC LL TC DL BC DL SPACING DUR.FAC. TOT.LD. 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 0.0 PSF REF SEQN-DATE JREF -DRW HCUSR8228 07197066 HC-ENG R8228- 81225 1T938228Z01 JB/WHK 1964 07/16/07

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | Calculated horizontal deflection is 0.19" 0.19" due to dead load. 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 Fasten rated sheathing to one face of this frame Wind reactions based on MWFRS pressures. PLT 7-140B--Isaac Construction 3 Haines City, FL 33844

History orizati " " Tificate" orizati " " " Tificate" orizati " Tificate" oriza TYP. ALPINE Wave #2 Dense #2 Dense #3 1-3-11 _ **IMPORTANT**FIRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEGG, INC. SMALL NOT BE RESPONSIBLE FOR MAY DEPLATION FROM HIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORMACE WITH IPI ON FARECALTHG, AMBDING. SHEPPING, INSTALLING A BRACKING OF TRUSSES.

DESIGN CONTROLS WITH APPLICABLE PROPUSIONS OF THIS SECURITIONAL DESIGN SPEC, BY ATAPA, AND TPI.

DESIGN CONTROLS ARE AND OF ZO/AS/BGAGA, WILKSYN, ASHA ASS GRADE 40/GGG (H. KZH.SS) GALV. SIEEL, APPLY PLATES TO FROM SECURITION FOR DRAMINGS 160A. Z.

PLATES TO FROM FOR TO CLOUDED BY CT) SHALL BE FER AMBLY AS OF TPIT-ZORO SEC 3. AS SEAL ON THIS SHALL BY A **#ARNING** TRUSEES REQUIRE EXTREME CARE IN FARRICATION, MADICING, SHIPPING, INSTALLING AND BRACKING RELER TO SECTION OF THE CHRIST PROPERTY AND THE CONTROL OF THE CHRISTIPIE. ZHE MORTHLEE STREET, SUITE 312. ALEXANDRIA, VA. ZZ314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53/19) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OTHERMISE HOLOCALED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. Jeremy Cady -2-4-5 2×3 **Ⅲ** due to live Design Crit: 2X3 III 8.49 $^{\infty}$ -443 U-355 W-7.028" HJK1) load 7-0-2 Over TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0) 2X3 III 2X3 **Ⅲ** 卣 3 Supports Bottom chord checked for Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS From 64 PLF at -2.36 t From 5 PLF at -2.36 t From 20 PLF at 0.00 t -294 LB Conc. Load at 1 94 LB Conc. Load at 1 102 LB Conc. Load at 1 175 LB Conc. Load at 1 7.36 (LUMBER R=175 U=50 R-229 U-88 64 PLF at -2.36 to 5 PLF at -2.36 to 20 PLF at 0.00 to Jul 16 DUR.FAC.=1.25 CENS CORION STATE 6 20.00 psf non-concurrent live load ò 15-11-11 1.20 4.03 1.20 4.03 / PLATE DUR.FAC.=1.25)
to 64 PLF at 7.01
to 5 PLF at 0.00
to 20 PLF at 7.01 10-0-0 BC LL TC DL TC LL SPACING DUR.FAC TOT.LD. FL/-/4/-/-/R/ PL 20.0 24.0" 40.0 10.0 10.0 PSF 1.25 0.0 PSF PSF PSF PSF DATE REF JREF -SEQN-HC-ENG DRW HCUSR8228 07197068 Scale = .375"/Ft. R8228 81226 1T938228Z01 JB/WHK 07/16/07

7-140B Isaac Construction Jeremy Cady JC3)

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

Wind reactions based on MWFRS pressures.

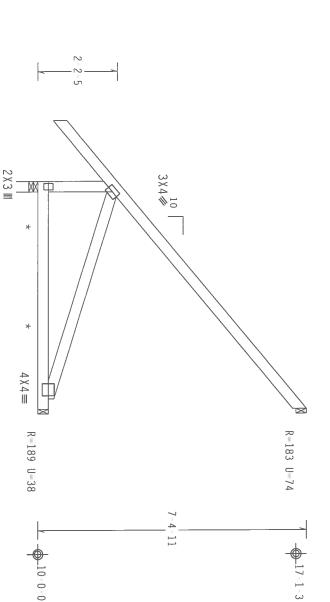
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.*

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

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.





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

TYP.

Wave

"MANNING" TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RIFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLANE INSTITUTE, 218 MORTH LIE STREEF, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 EMICERRISE LAW, HADISON, LI 53109) FOR SAFETY PRACTICES PRIOR TO PEROBERHIGH HESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CETLING.

IMPORTANTFURNISH 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 COMPORMANCE MITH IP!: OR FABREAUTHG, MANDLING, SHIPPING, HISTALLING & BRACHING OF TRUSSES, DESIGN CAPITING, MANDLING, SHIPPING, HISTALLING & BRACHING OF TRUSSES, AT ATAY AND TP!. ITH BCG CONNECTION PLATES ARE HADE OF 20/18/16/66 (H.M.15/5/K) ASTH A653 GRADE 40/60 (H.M.11.55) GALV. SILEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNILESS OTHERNISE LOCALED ON THIS DESIGN, POSITION PER BRACHINGS 160A Z. ANY THEFETION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PILI 2002 SEC.3. A SEAL ON THIS DESIGN AND THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND AND THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND AND THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR THE TRUSS COMPONENT DESIGNAL MOBILE AND ANY THE SOLEY OR TH BUILDING DESIGNER PER ANSI/IPI 1 SEE.

Haines City, FL 33844

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ALPINE



-	6 0/ SPA	ONAL ENGINEER DUR	10 TOT	BC LL	BC BC	TC TC	CENS
	SPACING	DUR.FAC.	TOT.LD.		DL	DL	
	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JREF- 1T938228Z01		SEQN- 1767	HC-ENG JB/WHK ★	DRW HCUSR8228 07197069	DATE 07/16/07	REF R8228- 81227

Scale = .375"/Ft.

7 140B Isaac Construction Jeremy Cady

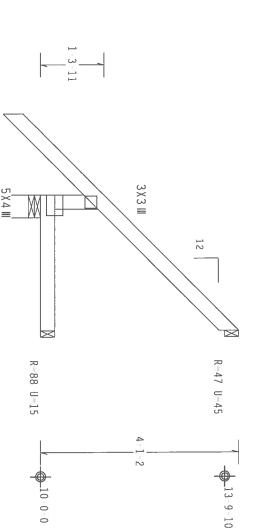
Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #2 Dense

Wind reactions based on MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

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

Bottom chord checked for 20.00 psf non-concurrent live load





TYP.

Wave

WARNING HOUSES REQUIRE CENTENE CARE IN FAMBLATION, IMBOLIDE, SHIPPIDE, HISTALLING AND BRACING, REFER TO REST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORH LEE STREET, SUITE 3172, ALEXANDRIA, VA, 27314) AND WICA (BOOD TRUSS COUNCIL OF AMERICA, 6300 ERIESPES) LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMHUG THEST FUNCTIONS. UNILESS OTHERWISE HOLDS WALKED FOR COMED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE SGG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE FRUSS IN COMPORMANCE WITH TPI: OR FLAREAGING. HANDLING, SHEPHUR. HISTALLING A BRACHING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS SEG HATIONAL DESIGN SPEC, BY AFRYA AND FPI. . IT BEG CONNECTION FOR ALLE ARE HAND OF 70/18/16/06 (H. 15/55/24) ASTH A653 GRADE 40/60 (H. 15/16/24) AGAV. STELL APPLY PLATES IN EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCALED ON THIS DESIGN. POSITION FOR DRAWHINGS 160A Z. ANY HASTOCIALS ACCEPTANCE BY CHARLES FOR THE SUBJECT OF THE SOCIETY OR THE SUBJECT OF THE SUBJECT OF THE SUBJECT OR THE SUBJECT OR

ITW Building Components Group, Inc.
Haines City, FL 33844
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BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2

ALPINE

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JREF -

1T938228Z01

SEQN-

HC-ENG

JB/WHK

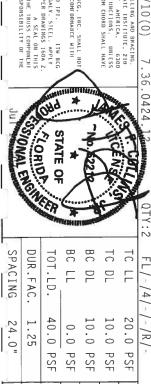
DATE

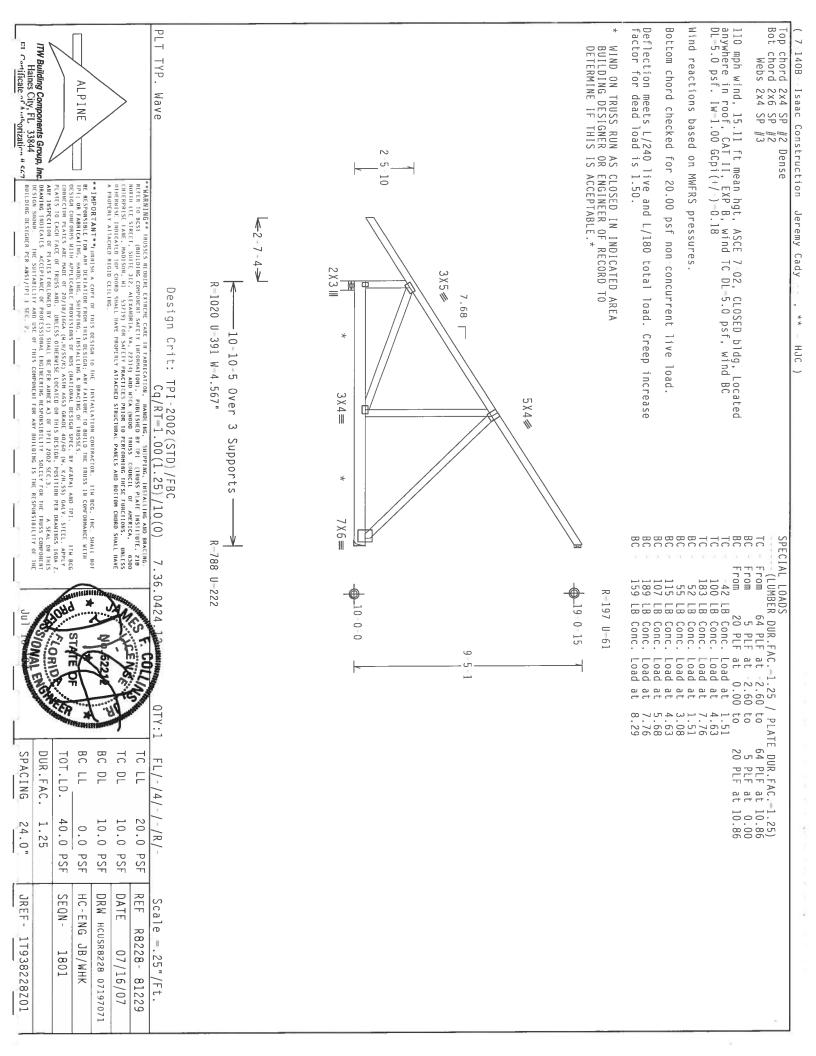
07/16/07

DRW HCUSR8228 07197070

REF R8228- 81228

Scale =.5"/Ft.





7-140B - Isaac Construction Jeremy Cady JC1)

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

Wind reactions based on MWFRS pressures.

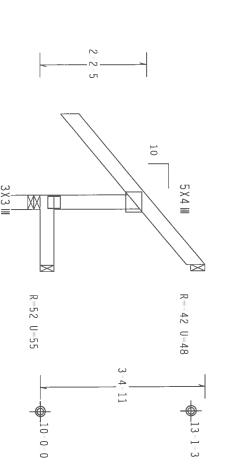
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

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 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

Calculated horizontal deflection is 0.24 $^{\rm m}$ 0.11 $^{\rm m}$ due to dead load. due to live load and

Bottom chord checked for 20.00 psf non-concurrent live load





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

PLT

TYP.

Wave

WARNING TRUSSES REQUIRE EXIREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BRILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE ITRUSS PLATE INSTITUTE, ZIB HORRH LEE STREET, SUITE 317. ALEXANDRIA, NA, 22214) AND MYTCA (MODO TRUSS COUNCIL OF ARERIA, 6300 CHIEGERRISC LAME, MADISON, H 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FLUCTIONS. UNLESS OTHERSTS. HIDEACTED FOR CHORRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.



R8228- 81230

07/16/07

JB/WHK

17938228201

7 140B Isaac Construction Jeremy Cady HJK2)

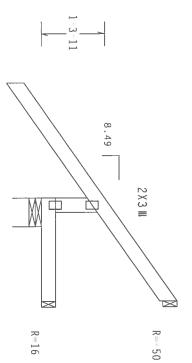
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

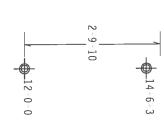
Wind reactions based on MWFRS pressures

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

110 mph wind, 15.00 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

Hipjack supports 1-6-0 setback jacks with no webs.





-180 U=21 W=7.028" Over 3 Supports

2 X 3 Ⅲ

TYP.

Wave

#ARNING TRUSSES REQUIRE LEXIRIME CARE IN FABRICATION, MANDELMA, SHIPPING, INSTALLING AND BRACHIG. RETER TO SEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STRETT, SUITE 127. ALEXANDRIA, VA. 22314) AND MICAC (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIMS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORMANCE WITH FIT; OR FARECALING, MANDLING. SHIPPING, INSTALLING & BRACLING OF TRUSSES, WATERA) AND IPT.

DESIGN CONFIDENCE HIM APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGNS SPEC, BY ATERA) AND IPT.

THE BEST OF EACH FACE OF TRUSS AND. HIMESS OTHERWISE LOCATED ON HIMS DESIGN, POSITION FER DRAWHIGS 160A AL.

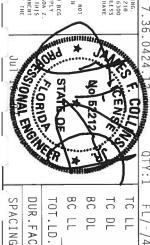
ANY HISPECTION OF PLATES TOLLOGED BY (1) SHALL BE PER AIRLEA AS OF THIS ADOZ SEC 3.

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HE SULFABLLIFY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANTSI/IPT I SEC. 2.

ITW Building Components Group, Inc. Haines City, FL 33844 Pri C-dificate City In orization # 507

ALPINE



	No.	P	\ ≠	1	
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF
JREF - 1T938228Z01		SEQN- 2078	HC-ENG JB/WHK	DRW HCUSR8228 07197078	DATE 07/16/07

20.0 PSF

REF R8228- 81231 Scale = .5"/Ft.

7-140B Isaac Construction Jeremy Cady EJC)

Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures

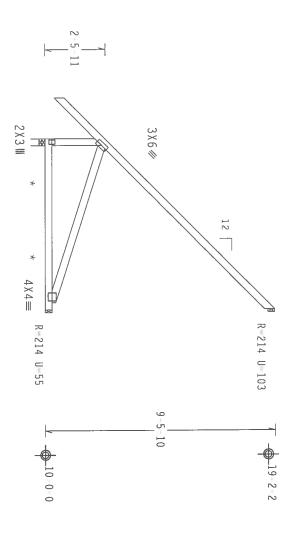
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.*

110 mph wind, 15.14 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

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.



V-1 - 8 - 0

R=447 W=3.5" 7-0-0 Over 3 Supports V

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

TYP.

Wave

WARNING TRUSCES BEQUIRE CYREME CARE IN FARRICATION, IMADILIG. SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BULLDING COMPONENT SAFETY INFORMATION). PROBLEMBED BY FIT (TRUSS PATE INSTITUTE, 218 NORTH LEE SHREE, SHITE 312, ALEXANDRIA, VA, Z2314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE LIDUCALIED FOR CORDOS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 7.36.0424

ALPINE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THE SHALL NOT BE RESPONSIBLE FOR ANY EPICLATION FROM HIS DESIGN: ANY FAILURE TO BRILLD THE TRUSS IN COMPORMACE WITH FIT: OR FARRICALING, MANDLING, SHIPPING, HISTALLING & BRACLING OF TRUSSES, WA FAPA) AND TPI.

DESIGN CONTROLORS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPCC. BY AFAPA) AND TPI.

THIS DESIGN CONTROLS AND, UNLESS OTHERWISE LOCATIO ON HIS DESIGN, POSITION FER DRAWHINGS 160A Z. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FER DRAWHINGS 160A Z. APPLY PROFESSION OF PALES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPIZ 2002 SEC.3. A SEAL ON HIS DESIGN SHOWN. THE SUITABLE OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND MESC OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

BC LL TC DL SPACING DUR.FAC. TOT.LD. # = 0 20.0 40.0 PSF 10.0 10.0 PSF 24.0" 1.25 0.0 PSF PSF PSF DATE REF JREF -SEQN HC-ENG DRW HCUSR8228 07197080 R8228- 81232 1T938228Z01 JB/WHK 07/16/07

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

Scale = .25"/Ft.

7 140B Isaac Construction Jeremy Cady JC4)

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

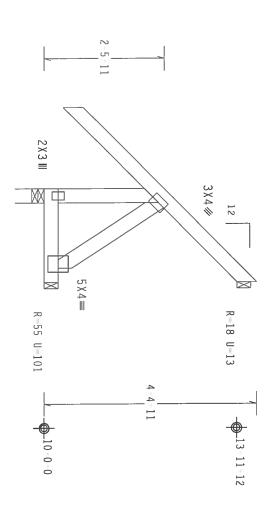
Wind reactions based on MWFRS pressures.

Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

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 GCpi(+/-)=0.18

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.





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

TYP.

Wave

WARNING RUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RELER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIP (TRINS PLATE INSTITUTE, 718 MORTH LET STRETT, SUITE 127. ALEXANDRIA, VA, 22214) AND STREAK (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HUSE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL TAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL TAMELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SMALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. ANY FAILURE TO BOILD THE TROSS IN COMPORMANCE WITH IP) OR FARECATHOG, MANDLING. SHIPPING, INSTALLING A BRACLING OF TRUSSES.

DESIGN COMPORTS HITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITH BCG. COMPORTS OF THIS ARE AND THIS AREA OF THIS AREA OF THIS AREA OF THIS OF THIS AREA OF THE AREA OF THIS AREA OF THE AR

Haines City, FL 33844
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Haines City, FL 30844

ALPINE



	SS/ONA ENGIN	FI DELOY FER	STATE OF **	N 62012	Service Control	CS TOUCH
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T938228Z01		SEQN- 1765	HC-ENG JB/WHK *	DRW HCUSR8228 07197081	DATE 07/16/07	REF R8228- 81233

.5"/Ft.

140B Isaac Construction Jeremy Cady * JC2)

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

Wind reactions based on MWFRS pressures.

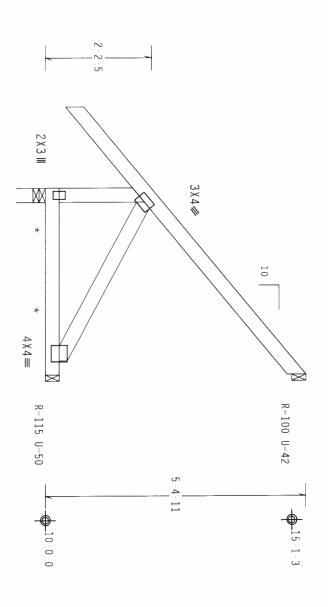
Left end vertical exposed to wind pressure. Deflection meets $L/240\,$ criteria for brittle and flexible wall coverings.

WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.*

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 BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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.



1-8-0-

R=310 W=3.5" ▲3-10-0 Over 3 Supports ➤

***MARNING** 1918SES REDILBE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHIG. REFER 10 BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 DORTH LE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND NICA (MODD TRUSS COUNCIL OF ARESTCA. 6300 CHICERREIS (LAME, MADISON, H. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OTHERWISE HOLGELIFD FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

7.36.042

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

Scale =.5"/Ft.

R8228- 81234

07/16/07

JB/WHK

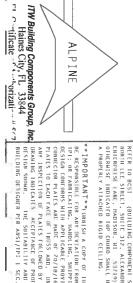
TYP. Wave

IMPORTANTNUMBER A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARBLECKLING. MANUFUNG. SHAPPIG. HISTALLING A BRACHING OF TRUSSES.

DESIGN OR FARBLECKLING. SHAPPIG. THE PROVISIONS OF UDS. (MAIDONAL DESIGN SPEC. BY AFRY) AND IP!. IH BCG CONNECION PRACES OF THE PROVISIONS OF UDS. (MAIDONAL DESIGN SPEC. BY AFRY) AND IP!. HBCG CONNECION PRACES OF THE PROVISIONS OF UDS. (MAIDONAL DESIGN SPEC. BY AFRY) AND IP!. APPLY PLATES TO LACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCALED ON THIS DESIGN. POSITION PER DRAWHINGS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THI 2002 SEC. 3. A SEAL ON THIS DRAWING HBCLELS ACCEPTANCE OF PROTESSIONAL FINGHELE HOR GREENWISTILLITY SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE TRUSS COMPONENT DESIGN SHAPPING. IN THE SOLICY FOR THE PROPERTY OF THE

SONAL ENGINEE BC DL TC DL ВС TC LL SPACING DUR.FAC. TOT.LD. 24.0" 40.0 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF DATE REF JREF-SEQN-DRW HCUSR8228 07197083 HC-ENG

1T938228Z01



Top chord Bot chord Wind reactions based on MWFRS pressures. Left end vertical exposed to wind pressure. Deflection meets $\ensuremath{\mathsf{L}}/240$ criteria for brittle and flexible wall coverings. 7-140B Isaac Construction Haines City, FL 33844

Haines City, FL 33844

Fit Chalificate of hunborization with a care WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.* chord 2x4 SP chord 2x4 SP Webs 2x4 SP TYP. ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUE FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FARRICATING, HANDLING, SHIPPING, HISTALLING & BRACHING OF TRUSSES.

DISSIGN CONFORTS WITH APPLICABLE PROVISIONS OF 1005 (MAIJONAL DESIGN SPECE, BY ATAPA) AND TPI. THE BCG CONNECTION PLATES ARE HANDE OF 20/18/1604 (M.H.55/M), ASTH A653 GRADE 40/60 (M. PALLS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, MULTES OF THE TRUSS AND, MULTES OF THE SECOND OF THIS DESIGN. POSITION PER DRAWHING SIGN A. ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A. DESIGN SEC. 3. A SEAL ON THIS DRAWHING INDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING BESPONSIBILITY SOLLEY FOR THE TRUSS COMPONENT DESIGN SHOWN.

DRAWHING HOUSEAST ACCEPTANCE OF PROFESSIONAL ENGINEERING BESPONSIBILITY SOLLEY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLE FOR THE SUITABLE FOR THE SECOND SHOWN OF THE SECOND SHOWN. **HARNING** TRISSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHIC.
**THART TO BESS! (BUILDING COMPONENT SAFETY INFORMATION), POUR BLISHID BY TPI (FRUSS PLATE INSTITUTE, 210
HIRRIN LEE STREET, SHITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEROBHING HIESE FUNCTIONS. UNLESS
OTHERWISE HOLDSACRED FOR CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGION CENTRAL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PLR AUSI/TPI 1 SEC. 2 Jeremy Cady **★**1-8-0→ 2 X 3 III 3X4 / R-375 W-3.5" ←5-3-0 Over Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) JC6 12 3 Supports -> $4 \times 4 \equiv$ R-155 U-75 R-159 U-61 Bottom chord checked for 20.00 psf non-concurrent live load. 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 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 0300 UHLESS 7.36.0424 œ سر 10-0-0 STATE O CORIOR BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/ 24.0" 1.25 40.0 PSF 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF SEQN-DATE REF JREF-HC-ENG DRW HCUSR8228 07197084 Scale =.375"/Ft. R8228- 81235 1T938228Z01 JB/WHK 07/16/07

140B Isaac Construction Jeremy Cady JC5

p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures.

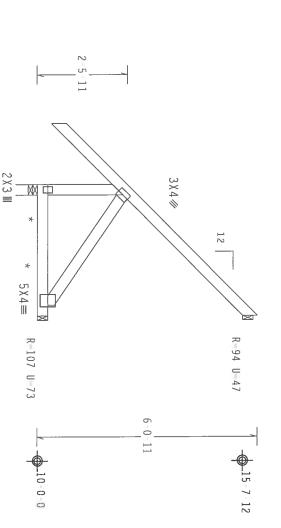
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

WIND ON TRUSS RUN AS CLOSED IN INDICATED AREA BUILDING DESIGNER OR ENGINEER OF RECORD TO DETERMINE IF THIS IS ACCEPTABLE.*

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLÖSED 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

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.



★1 - 8 - 0 **▼** R-310 W-3.5" -7-0 Over 3 Supports

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

PLT

TYP.

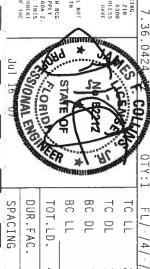
Wave

A PROPERLY ATTACHED RIGID CETTING. **WARNING** IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONICHT SAFELY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUIT, 218 HORIT LEE, STREIT, SUITE 1312, ALEXANDRA, VA, 22314) AND NEA, (MODOD TRUSS COUNCIL OF AMERICA, 6300 CHIERPRISE LANE, MADISON, NI 55279) FOR SAFELY PRACTICES PRIOR TO PERFORMING INTESE FUNCTIONS. UNLESS OFFICE AND BOILD OF CHORD SHALL HAVE

ITW Building Components Group, Inc. Haines City, FL 33844 FI Carlificate, of A whorization # 447 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BC RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE FOR BUILD THE TRUSS IN COMPORMANCE WITH FD: OR FAREGATHE, HANDLIGG, SHEPPIG, INSTALLING A BRACHING OF TRUSSES.

BESIGN CONFIDENCE AND THE APPLICABLE PROVISIONS OF HIDS (INATIONAL DESIGN SPFC, BY ATAMA) AND IPI. ITH BCG CONNECTION PARTS ARE ARE OF 70/19/10/ACA WILMSEN/A) ASTENDAND FOLOMORY OF THE TRUSS AND THIS DESIGN FOLOMORY OF THE TRUSS AND THIS DESIGN FOLOMORY OF THE TRUSS AND THE SECONDARY OF THE TRUSS AND THIS DESIGN FOLOMORY OF THE TRUSS AND THE SECONDARY OF THE TRUSS COMPONENT DOWN THE SECONDARY OF THE TRUSS COMPONENT DESIGN FOR THE TRUSS COMPONENT DESIGN FOR ANY BUILDING DESIGNER PLR AMSI/TPI I SEC 2.

ALPINE



40.0

PSF PSF PSF

SEQN-

24.0" 1.25

JREF-

17938228201

10.0

DRW HCUSR8228 07197085

0.0

HC-ENG

JB/WHK

10.0 PSF

DATE REF

07/16/07

20.0

PSF

-/R/-

Scale =.375"/Ft. R8228- 81236

7-140B--Isaac Construction Jeremy Cady 950

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

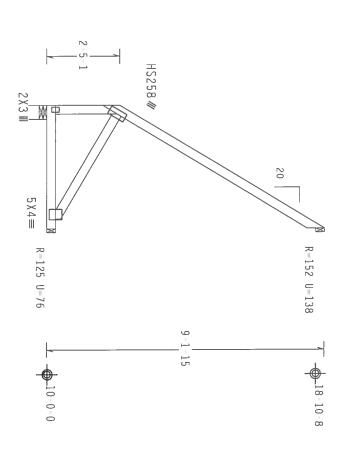
Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

110 mph wind, 15.79 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

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.



4-0 9 Over 3 Supports

200 U=57 W=5.5"

WARNING IRUSSYS REQUERE TYPEREN CARE IN FARRICATION, IMMODITIES, SHIPPING, HISTALLING AND BRACING, RETER TO BEST (BUILDING COMPONICH) SAFETY HOMOMATON), PUBLISHED BY TPT (RMISS PLATE INSTITUTE, 213 HORT LITE STREET, SHITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OR AMERICA, 6300 CHIERPASS LANE, MADSSON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWIST, HOLDSKALED TOP COMBOS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

20 Gauge HS, Wave

IMPORTANT*URBLES A COPY OF THIS DESIGN TO THE THESTALLATION CONTRACTOR. THE BCG. THE SMALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS SESION, ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH THIS PER FARE ICATING. SHAPLING, INSTALLING & BRACHING OF TRUSSES.

DESIGN CONTRACTOR WITH APPLICABLE PROVISIONS OF BUS (MATIONAL DESIGN SPEC. BY AFAPA) AND FPI. THE BCG CONTRICTOR PLATES ARE MADE OF 20/10/16/64 (4.14/55/M). ASIH A653 GADE 40/60 (4. K/H,55) GALV. SITEL APPLY PLATES TO EAST FACE OF TRUSS AND. UNLESS OFFICERHIST LOCATIO ON THIS DESIGN. POSITION OF RE DRAWHINGS 150A 2. ANY INSPECTION OF PLATES ACCUPANCE OF PROTESSIONAL ENGINEERING EXCENSIBILITY SOFETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING OFSIGNER PER AMEL/FPI.1 SEC. 2.

ITW Building Components Group, Inc. Haines City, FL 33844 FI Cartificate of Amborization # 567

ALPINE



	TC LL BC DL BC LL TOT.LD.	20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF 40.0 PSF	REF R8228- 81237 DATE 07/16/07 DRW HCUSR8228 07197101 HC-ENG JB/WHK SEQN- 1610
DU	DUR.FAC.	1.25	
1	SPACING	24.0"	JREF- 1T938228Z01

Scale =.3125"/Ft.

Top chord : Bot chord : 140B Isaac Construction Jeremy Cady * HJB1)

chord 2x8 SP chord 2x4 SP Webs 2x4 SP #2 #2 Dense #3

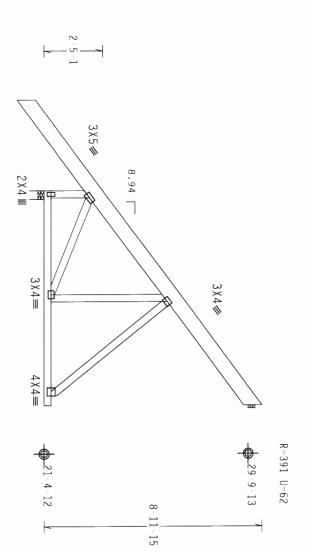
Wind reactions based on MWFRS pressures.

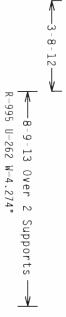
Left end vertical not exposed to wind pressure.

110 mph wind, 25.71 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

Hipjack supports 6-2-13 setback jacks with no webs.

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)/10(0)

7.36.042

QTY:1

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

Scale =.25"/Ft.

PLT

TYP.

Wave

REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB ADDRIVED, SHIPPING CONTROL OF AMERICA. 6300 CHILEPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OTHERWISE INDICATED OF CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

ALPINE

IMPORTANTTUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. THE, SHALL HOT FIFT, OR FARRICATING, INMULTION, SHIPPING, INSTALLING A BRACHEG OF TRUSSES.

DESIGN CONTROLL OF THE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING. THE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING. THE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING, INSTALLING FOR WE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING, INSTALLING A BRACHEG FOR WE SHIPPING, INSTALLING FOR WE SHIPPING, INSTA

KORIOR ME BC LL ВС TC DL TC LL DUR.FAC. SPACING TOT.LD. PL 40.0 PSF 10.0 10.0 PSF 20.0 24.0" 1.25 0.0 PSF PSF PSF JREF-DATE REF SEQN HC-ENG DRW HCUSR8228 07197108 R8228- 81238 1T938228Z01 JB/WHK 07/16/07

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # In lieu of structural panels use purlins to brace all flat TC $24\ensuremath{\text{m}}$ 0C. Wind reactions based on MWFRS pressures 7 140B Isaac Construction Jeremy Cady #2 Dense #2 Dense #3 :W17 2x4 SP #2 Dense X 2 110 mph wind, 15.89 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(+/ $^{\prime}$)=0.18 (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.

Bottom chord checked for 20.00 psf non-concurrent live load

Note: All Plates Are 3X4 Except As Shown. 2X3 III R=433 U=96 W=3.5" α 10-9-12 10-8-0 12 4 X 7 == 3X3≡ 26-6-0 Over 3 Supports 72-3-8 R=1218 U=97 W=3.5" -0 5x7≡ 4×4≡ T 2X3 III 2 X 4 III 1-0-0 4 X 6≡ 3-5-8 12 2X3 III 6×6# 4 X 5 ₩ 3X4(R) III 3X3= R-814 U-117 W-5.5" 3-6-8 2-5-8 12 2 X 3 III \[\frac{1-8-0}{\sqrt{1}}\] 12-0-0 1-3-11 ⊕10-0-0

Haines City, FL 33844

ri Carificate - Caratraphic - W Cara ALPINE

TYP.

Wave

***#ARNING** RUSSES REQUIRE CYREME CARE IN FAMBLATION, IMADILIAE, SHIPPING, USTALLING AND BRACING RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PRULISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORHILLE SHREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 FINITERISE LALL, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THEST FUNCTIONS. UNLESS OHIGHNISE INFORMATION FOR THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED REGION CELLING.

Design Crit:

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

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

Scale = .25"/Ft.

IMPORTANTURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG. THE. SHALL HOT BE RESPONSIBLE TOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARRICATHO. HANDLING, SHEPPIG, HISTALLING & BRACHING OF TRUSSES. DESIGN AND TPI.

ITH BEG. CONTRORS HILL APPLICABLE PROVISIONS OF BUS (MATIONAL DESIGN SPEC, BY ATRY) AND TPI.

ITH BEG. CONTROLS ARE HADE OF 70/109/100A (H.J/SS) ASTA ASS GRADE 40/50 (H. K/H.SS) GAV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND. BUBLES OF THE ALL DOCATED OF HIS DESIGN, POSITION FRE BRAHLINGS 100A Z.

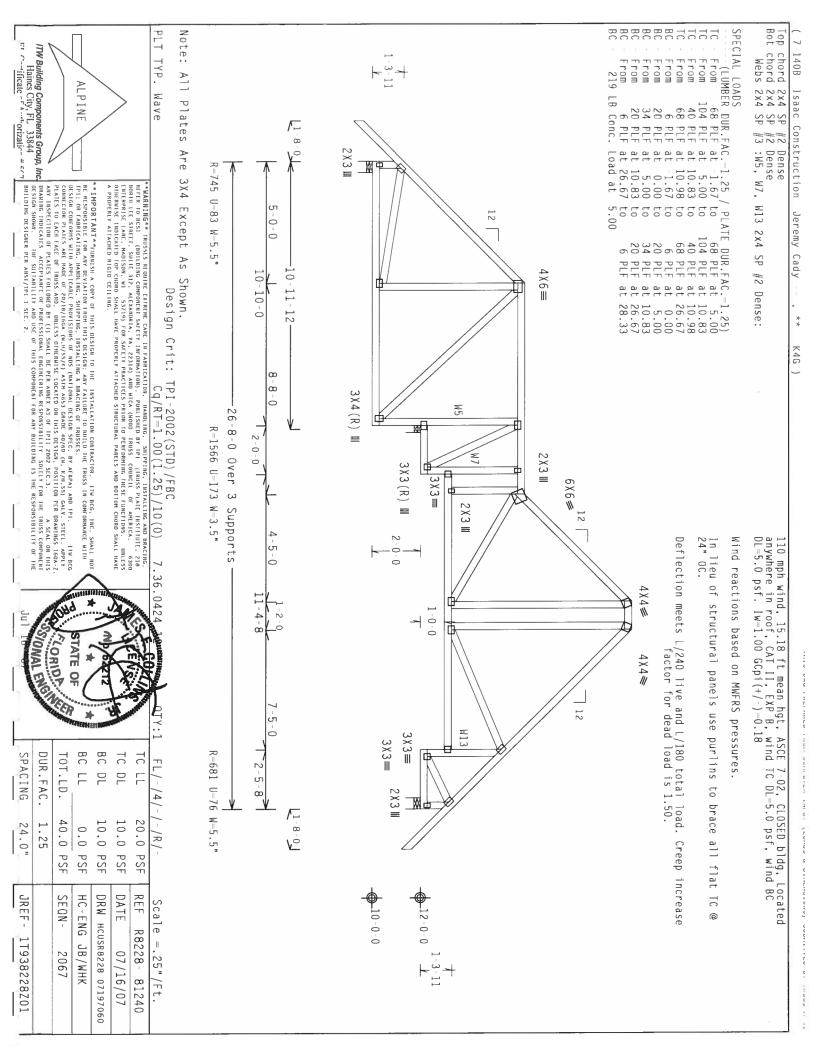
ANY IMSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ABBY XA 30 FTPI 2002 SEC. 3.

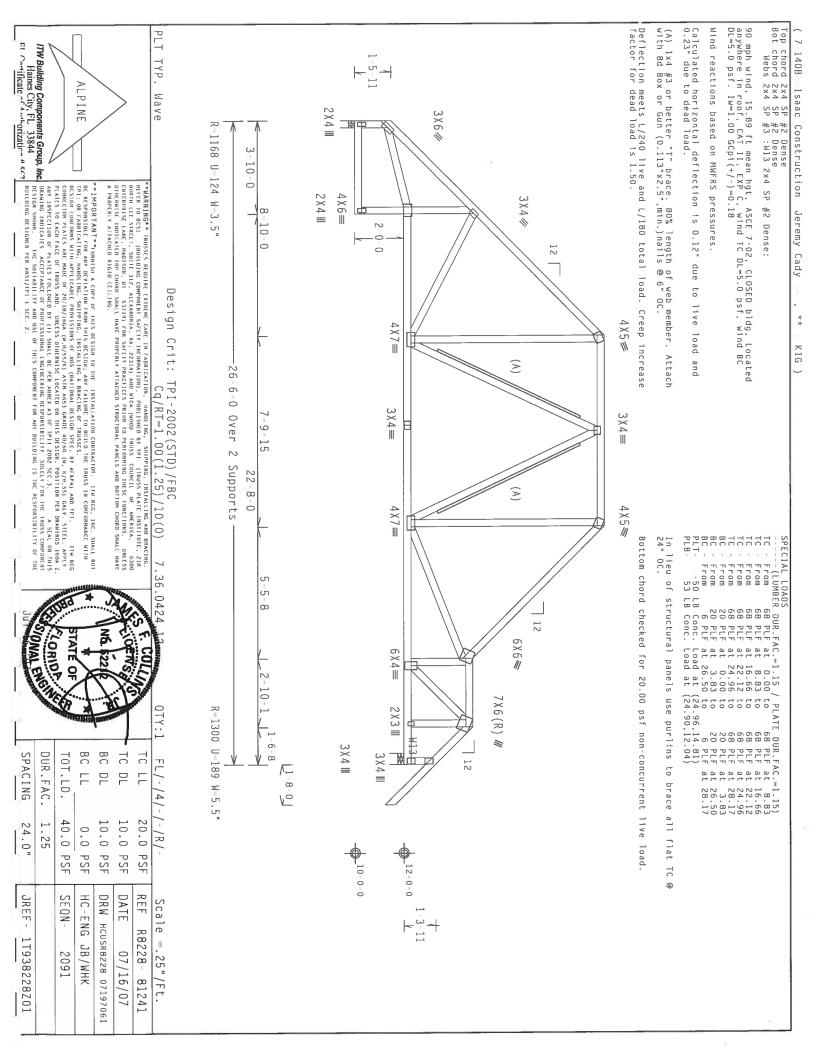
AREA OF THE ABOUT STORM AND THE THE STEEL APPLY

BRAHLING INDICATES ACCIPIANCE OF PROFIESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC. NOT SEC.3.

A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT OF THE RESPONSIBILITY OF THE

Jul BC LL SPACING DUR.FAC. TC DL TOT.LD. 2 1.25 40.0 PSF 10.0 10.0 PSF 20.0 PSF 24.0" 0.0 PSF PSF JREF-SEQN-DATE DRW HCUSR8228 07197052 HC-ENG R8228- 81239 1T938228Z01 JB/WHK 07/16/07





7-140B - Isaac Construction Jeremy Cady α

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / P #2 Dense P #2 Dense P #3 :W16 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures

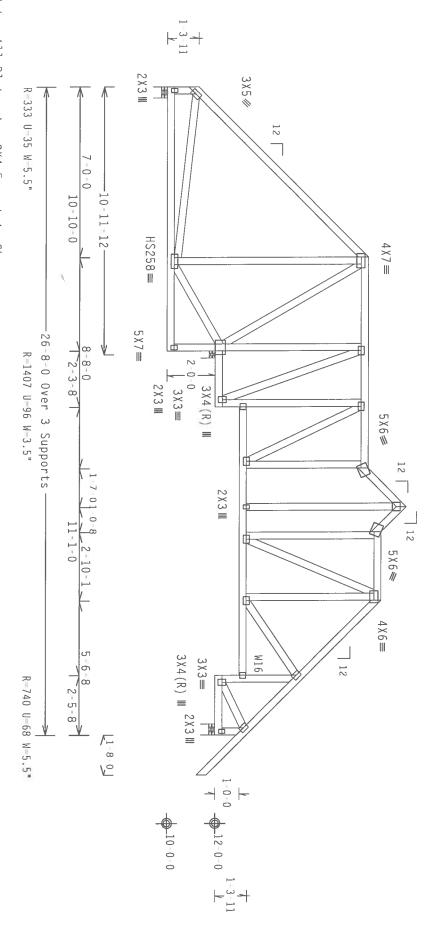
Bottom chord checked for 20.00 psf non-concurrent live load.

110 mph wind, 15.60 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

In lieu of structural panels use purlins to brace all flat TC @ $24\ ^{\circ}$ OC.

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

 $4 \times 4 =$



Note: All Plates Are 3X4 Except As Shown.

TYP.

20 Gauge HS

WARNING IBUSSES REQUIRE CYREME CARE IN FAMRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219 HORTH LEE STREE, SUITE 312, ALEXANDRIA, VA, Z2314) AND HTCA (MODO TRUSS COUNCIL O "AMERICA" 6300 CHIERPESS LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNITESS OTHERWISE INDICATED OF CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE

/10(0)

IMPORTANT*URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, BY FAILURE TO BRILD THE FURSS IN COMPORNANCE WITH IP: OR FARBLECKING. HANDLING. BIRSTALLING & BRACING OF TRUSSES.

DESIGN CONTROLLING. HANDLING. SHEPPIDG. HISTALLING & BRACING OF TRUSSES.

DESIGN CONTROLLING. SHAPLICABLE PROVISIONS OF NDS (MAITONAL DESIGN SPEC, BY AFRA) AND IPI. ITH BCG CONNECTOR PLATES ARE HADE OF 70/18/JAGGA (H.H/SS/K) ASTH AG53 GABDE 40/60 (H. X/M.SS) GALV. SIEEL. APPLY PLATES TO REAL TACE OF TRUSS AND. UNIVESS OF THEM SEC LOCATED ON THIS DESIGN. POSITION PER DRAWNINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TP11 700Z SEC.3. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES

ALPINE

SEC.3. A SEAL ON THIS OLELY FOR THE TRUSS COMPONERT IS THE RESPONSIBILITY OF THE

1T938228Z01

7.36.042 BC DL TC DL SPACING DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/ 24.0" 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF JREF SEQN-REF DATE HC-ENG DRW HCUSR8228 07197067 Scale = .25"/Ft.

JB/WHK 2002

R8228- 81242

07/16/07

Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / 110 mph wind, 33.63 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18 Refer to DWG PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ In lieu of rigid ceiling use purlins to brace BC @ 24" OC. 7-140B--Isaac Construction Jeremy Cady Haines City, FL 33844
Ft Conficate of Amborization # 567 TYP. ALPINE Wave #2 Dense #2 Dense #3 **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 COMPORMANCE WITH TPI; OR FABREACHING, MANDILGA, SHIPPIDE, HISTALLING A BRACING OF TRUSSES, S. AREAD, DEFINED DESIGN CONTROMS OF THE PROPERTY OF THE BCG CONNECTOR PLATES ARE HADE OF 70/18/16/66 (H. 1/18/5/K). ASIA MASS GRADE 40/60 (H. K/M.SS) AGAV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERNISE (COATED ON THIS DESIGN, POSITION PER BRAWHIGS 160A-Z. ANY HASPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANHEX AS OF TPI] 2002 SEC.3. A SEA, ON THIS DESIGN AND AND THE SUBJECT OF THE SOLITY FOR THE SUBJECT OF TH **HARNING** TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (FRUSS PLATE INSTITUTE, 218 HORTH LEE STREIT, SUITE 312, ALEXANDRA, VA, 22314) AND MICA (400D TRUSS COUNCIL OF AMERICA, 630D CHIEBPRISE LANL, MAISSON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INCSE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR COMPONENTIAL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 3X4(B1) =8 R=76U-250 W-4.063" \=76 PLF U-37 PLF W-11-4-14 2 X 3 Ⅲ 2 X 3 Ⅲ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)4-4-1 * 16 5-8-7 BP4 12 2X3 III 4 X 5 ≡ σ 15 0ver W Supports 10 -0 - 132X3 III 2 X 3 III Bottom chord checked for 20.00 psf non-concurrent live load Wind reactions based on MWFRS pressures. TC BC SPECIAL LOADS 7.36.0424 From From (LUMBER DUR.FAC.=1.25 / PL rom 73 PLF at -0.46 to rom 66 PLF at 4.34 to rom 4 PLF at -0.46 to R-18 U-3 W-5.077" 2X4(B1) =STONAL ENGINEE / PLATE DUR.FAC.=1.25)
to 73 PLF at 4.34
to 66 PLF at 12.03
to 4 PLF at 12.03 0TY:4 0-5 SPACING TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-D \$ 8 12 24.0" 1.25 40.0 PSF 10.0 10.0 PSF 20.0 PSF 0.0 PSF PSF JREF -SEQN-DATE REF DRW HC-ENG Scale = .375"/Ft. HCUSR8228 07197003 R8228- 81243 1T938228Z01 TCE / WHK 07/16/07

7 140B Isaac Construction Jeremy Cady BP6

Bot p chord 2x4 SP t chord 2x4 SP t Webs 2x4 SP t #2 Dense #2 Dense #3

110 mph wind, 31.39 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=2.0 psf. Iw=1.00 GCpi(+/)=0.18

In lieu of structural panels use purlins to $24\ensuremath{^{\prime\prime}}$ OC. brace all flat

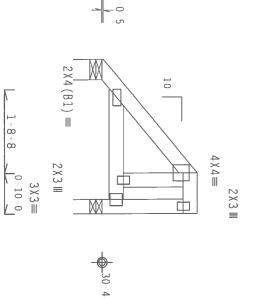
Refer to DWG PIGBACKB0207 for piggyback deta PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. details.

> SPECIAL LOADS --- (LUMBER DUR.FAC.=1.25 / From 66 PLF at 0.62 -From 66 PLF at 1.71 -From 4 PLF at -0.62 ER DUR.FAC.=1.25 / PLA
> 66 PLF at =0.62 to
> 66 PLF at 1.71 to
> 4 PLF at =0.62 to PLATE TE DUR.FAC.=1.25)
> 66 PLF at 1.71
> 66 PLF at 2.54
> 4 PLF at 2.54

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.



1-11-10

0

R-123 U-30 W-5.077" ▲3 2 0 Over 2 Supports→ R-99 U-67 W-3.5"

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

TYP.

Wave

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