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
 Document ID:1TAU215-Z0217163834

Truss Fabricator: W.B. Howland
Job Identification: 4883-/MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8-Country Lakes @
Truss Count: 86
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software,Version 7.38.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 09/17/2007

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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: CNBRGBLK-A11015EE-GBLLETIN-A11030EE-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	96143	--A1	07260018	09/17/07
2	96144	--A2	07260019	09/17/07
3	96145	--A3	07260020	09/17/07
4	96146	--A4	07260097	09/17/07
5	96147	--A5	07260098	09/17/07
6	96148	--A6	07260021	09/17/07
7	96149	--A7	07260022	09/17/07
8	96150	--A8	07260023	09/17/07
9	96151	--A9	07260024	09/17/07
10	96152	--A10	07260057	09/17/07
11	96153	--A11	07260058	09/17/07
12	96154	--A12	07260059	09/17/07
13	96155	--A13	07260060	09/17/07
14	96156	--A14	07260061	09/17/07
15	96157	--A15	07260025	09/17/07
16	96158	--A16	07260026	09/17/07
17	96159	--A17	07260102	09/17/07
18	96160	--A18	07260062	09/17/07
19	96161	--A19	07260063	09/17/07
20	96162	--A20	07260027	09/17/07
21	96163	--A21	07260028	09/17/07
22	96164	--A22	07260029	09/17/07
23	96165	--A23	07260030	09/17/07
24	96166	--A24	07260031	09/17/07
25	96167	--A25	07260064	09/17/07
26	96168	--A26	07260101	09/17/07
27	96169	--A27	07260032	09/17/07
28	96170	--A28	07260065	09/17/07
29	96171	--A29	07260033	09/17/07
30	96172	--A30	07260034	09/17/07
31	96173	--A31	07260035	09/17/07
32	96174	--A32	07260066	09/17/07
33	96175	--A33	07260036	09/17/07
34	96176	--A34	07260037	09/17/07
35	96177	--A35	07260038	09/17/07
36	96178	--A36	07260039	09/17/07
37	96179	--A37	07260067	09/17/07
38	96180	--A38	07260040	09/17/07
39	96181	--A39	07260041	09/17/07
40	96182	--A40	07260042	09/17/07
41	96183	--A41	07260043	09/17/07
42	96184	--A42	07260068	09/17/07
43	96185	--A43	07260069	09/17/07
44	96186	--A44	07260103	09/17/07
45	96187	--A45	07260070	09/17/07
46	96188	--A46	07260099	09/17/07
47	96189	--A47	07260044	09/17/07
48	96190	--A48	07260071	09/17/07
49	96191	--A49	07260072	09/17/07
50	96192	--JC1	07260073	09/17/07
51	96193	--JC1A	07260045	09/17/07
52	96194	--JC2	07260046	09/17/07
53	96195	--JC3	07260047	09/17/07
54	96196	--JC4	07260048	09/17/07
55	96197	--JC4A	07260049	09/17/07
56	96198	--JC5	07260050	09/17/07
57	96199	--JC5A	07260051	09/17/07
58	96200	--JC6	07260052	09/17/07
59	96201	--JE4	07260100	09/17/07
60	96202	--JE4A	07260053	09/17/07
61	96203	--JE6	07260054	09/17/07
62	96204	--JE7	07260055	09/17/07
63	96205	--JE7A	07260074	09/17/07
64	96206	--JE7B	07260056	09/17/07
65	96207	--JE7C	07260075	09/17/07
66	96208	--JH6	07260076	09/17/07
67	96209	--JH10	07260077	09/17/07
68	96210	--JH11	07260078	09/17/07
69	96211	--PBA1	07260079	09/17/07
70	96212	--PBA2	07260080	09/17/07
71	96213	--PBA3	07260081	09/17/07
72	96214	--PBA4	07260082	09/17/07
73	96215	--PBA5	07260083	09/17/07
74	96216	--PBA6	07260096	09/17/07
75	96217	--PBA7	07260084	09/17/07
76	96218	--PBA8	07260085	09/17/07
77	96219	--PBA9	07260086	09/17/07
78	96220	--PBA10	07260087	09/17/07
79	96221	--PBA11	07260088	09/17/07
80	96222	--PBA12	07260089	09/17/07
81	96223	--PBA13	07260090	09/17/07
82	96224	--PBA14	07260091	09/17/07
83	96225	--PBA15	07260092	09/17/07
84	96226	--PBA16	07260093	09/17/07
85	96227	--PBA17	07260094	09/17/07
86	96228	--PBA18	07260095	09/17/07

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.525'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.525'

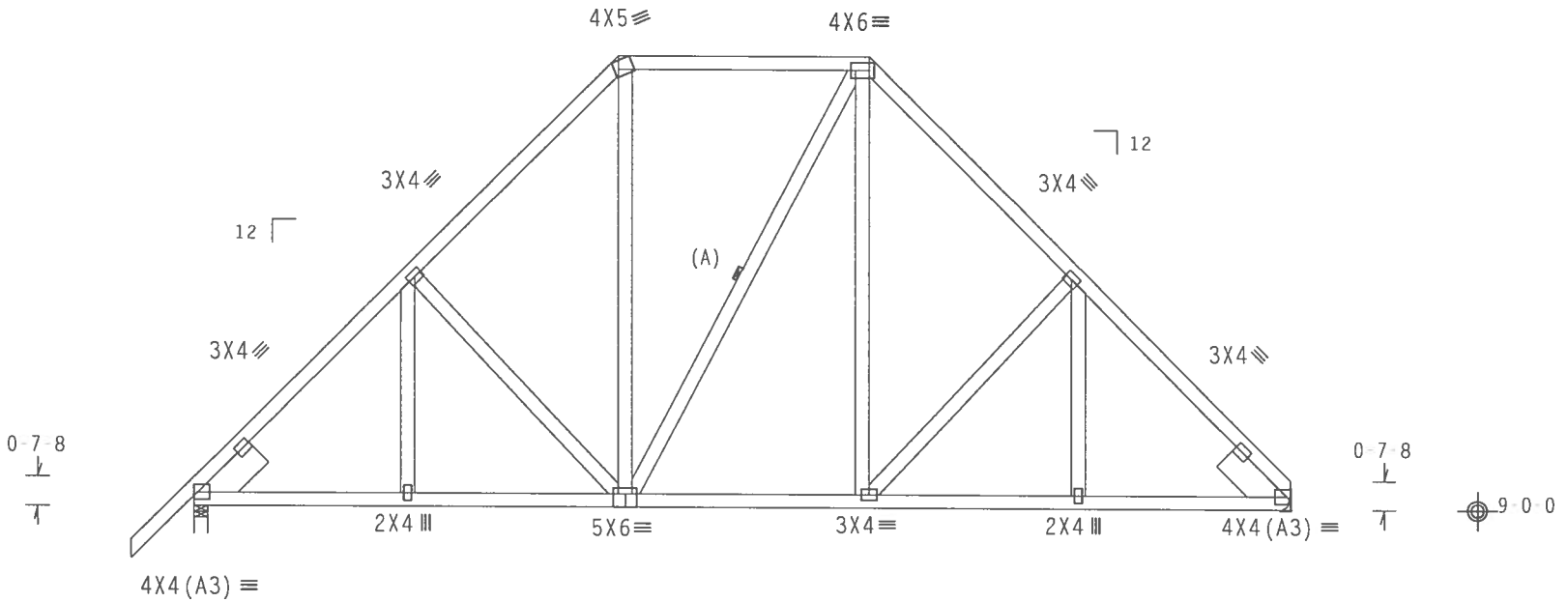
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

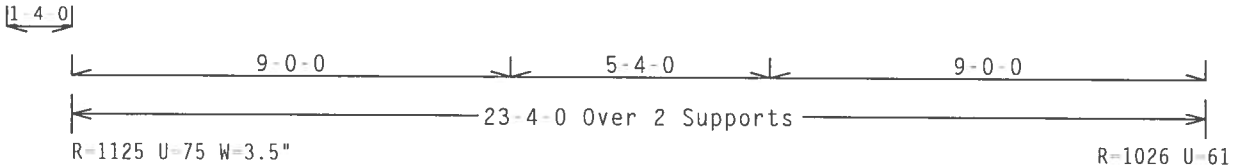
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 9-7-8.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:3 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep

TC LL	20.0 PSF	REF	R215-- 96143
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260018
BC LL	0.0 PSF		HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198135
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A2)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

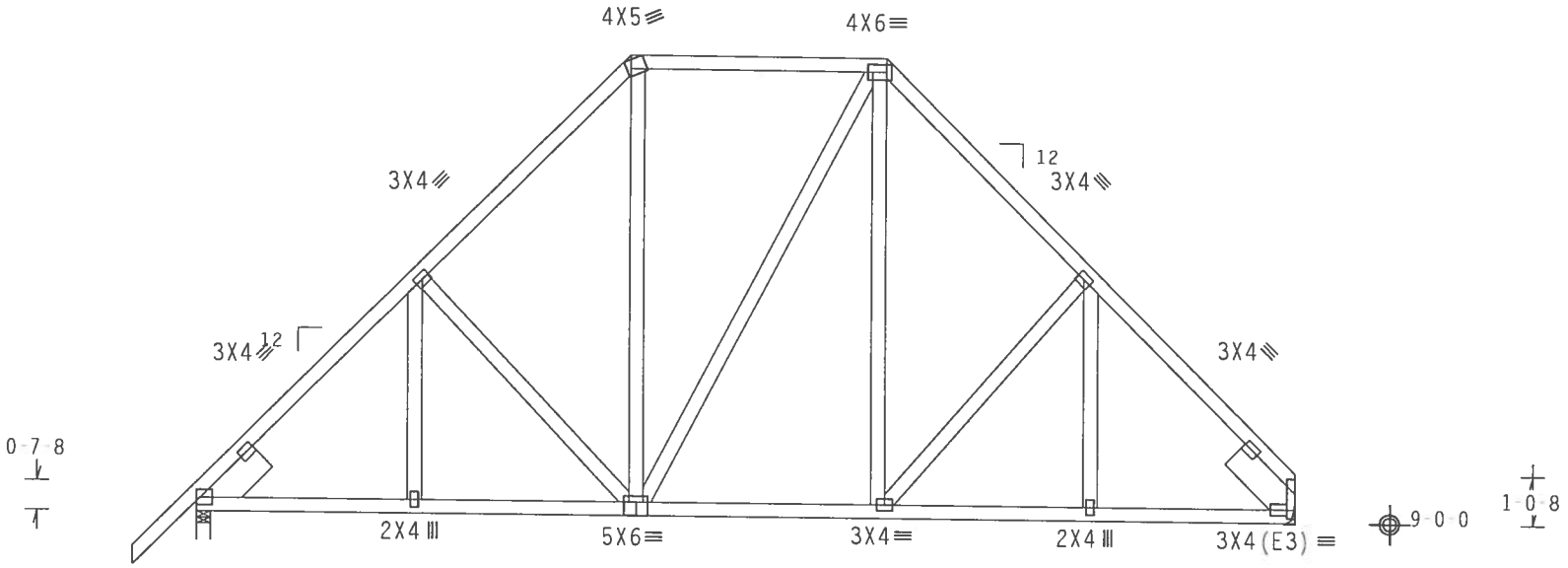
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.525'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.703'

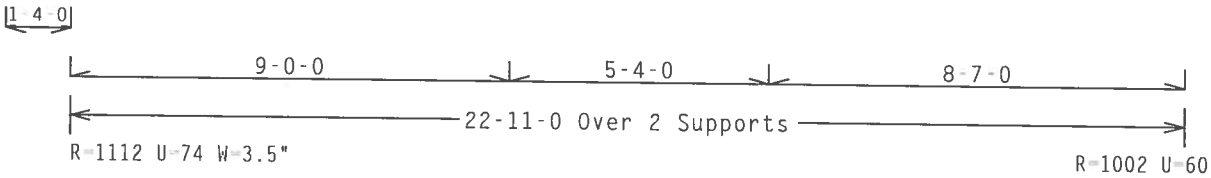
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 9-7-8.





PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.03

QTY:3 FL/-/5/-/-/R/- Scale =.25"/Ft.

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ALPINE

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

JAMES F. COLLINS, JR. LICENSE No. 52217 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF	R215-- 96144
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260019
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197933
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A3)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

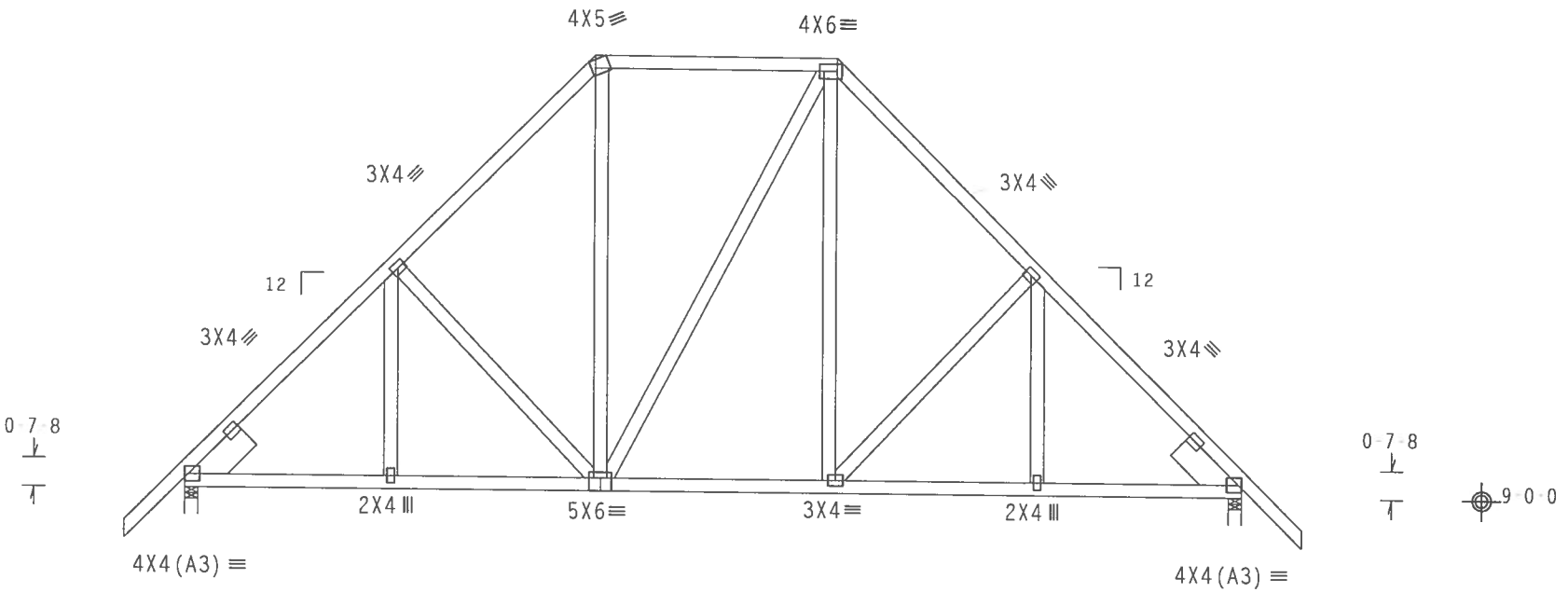
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.525'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.525'

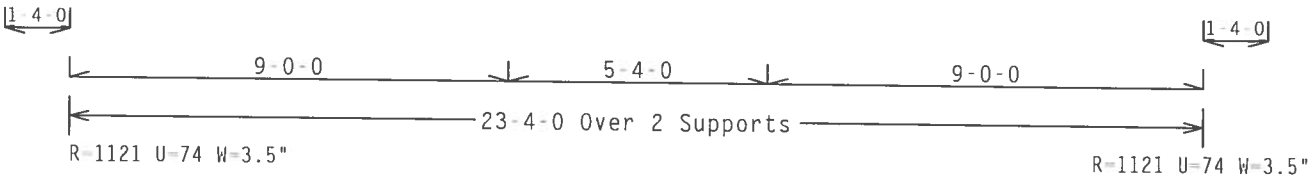
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 9-7-8.





PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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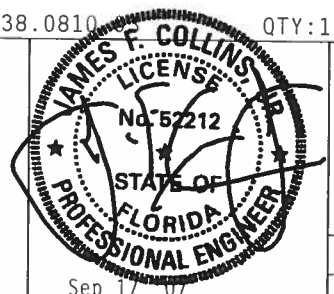


Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96145
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260020
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197927
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 Dense :B2 2x6 SP #2 N:
Webs 2x4 SP #2 N

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 68 PLF at 1.33 to 68 PLF at 7.00
TC - From 144 PLF at 7.00 to 144 PLF at 23.33
BC - From 20 PLF at 0.00 to 20 PLF at 7.00
BC - From 44 PLF at 7.00 to 44 PLF at 23.33
BC - 572 LB Conc. Load at 7.00
BC - 1042 LB Conc. Load at 11.87

Wind reactions based on MWFRS pressures.

Bearing blocks: Nail type: 0.131"x3" Gun nails

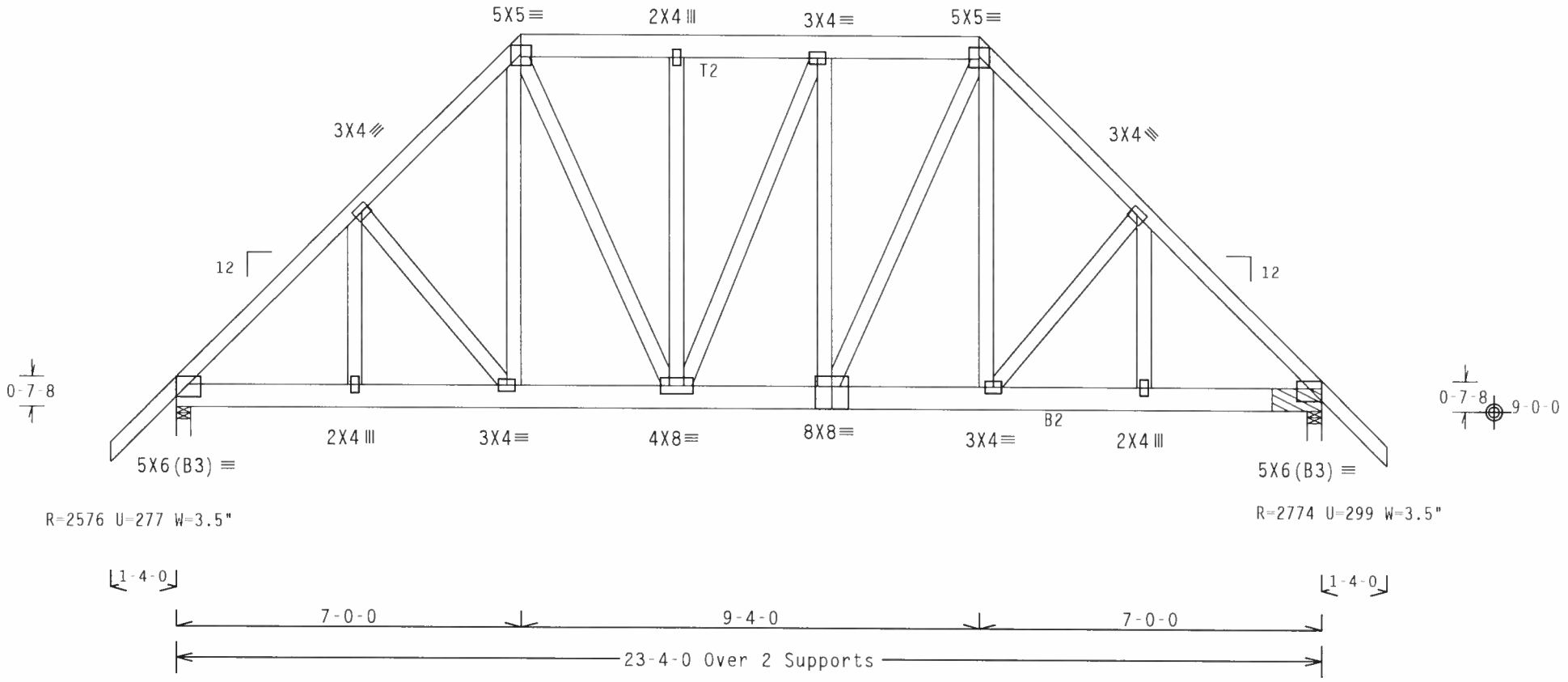
BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
2	23.042'	1	12"	4	Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

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.

The overall height of this truss excluding overhang is 7-7-8.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17

TC LL	20.0 PSF	REF R215-- 96146
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260097
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 197923
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x8 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 68 PLF at 0.00 to 68 PLF at 6.33
TC - From 68 PLF at 6.33 to 68 PLF at 14.00
BC - From 20 PLF at 0.00 to 20 PLF at 12.67
BC - 1977 LB Conc. Load at 1.60
BC - 1570 LB Conc. Load at 3.60
BC - 4528 LB Conc. Load at 5.54

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

The overall height of this truss excluding overhang is 6-11-8.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

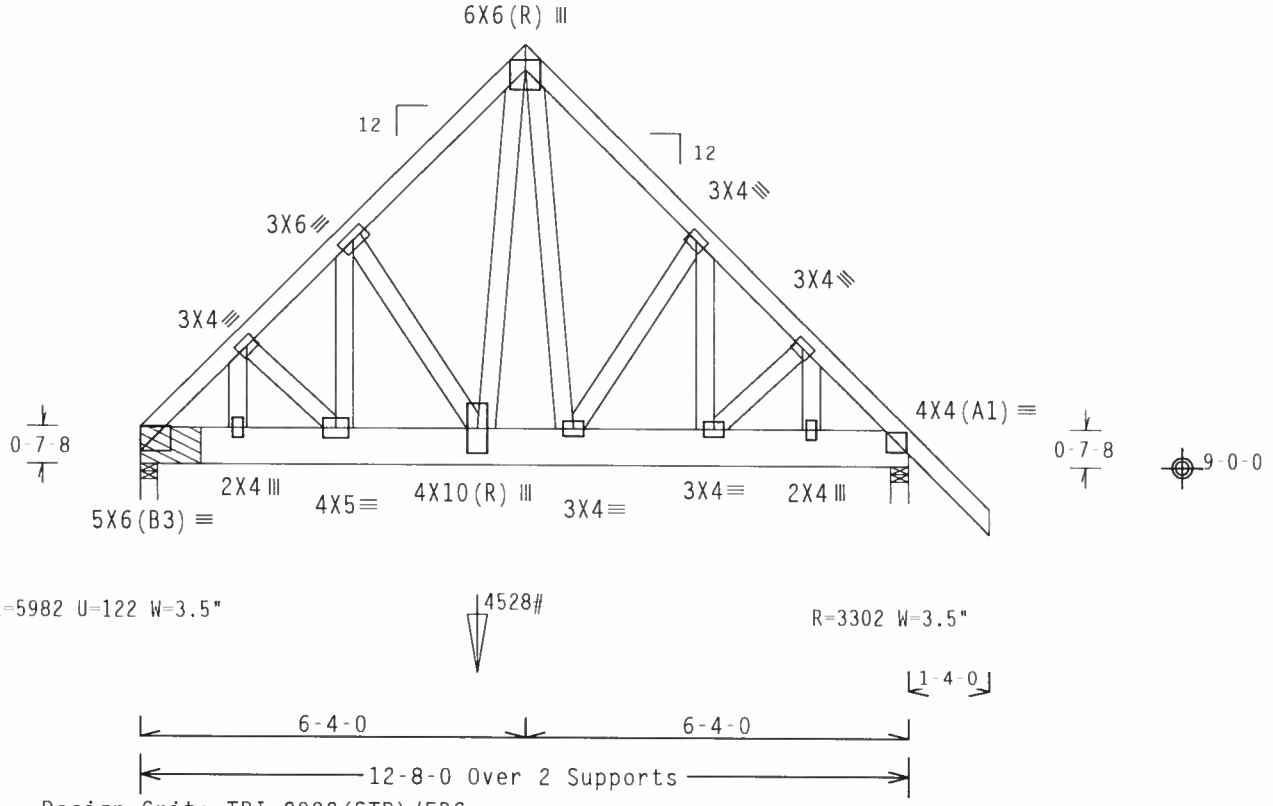
Bearing blocks: Nail type: 0.131"x3"_Gun_nails

BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
1	0.000'	1	12"	8	Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96147
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260098
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198018
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

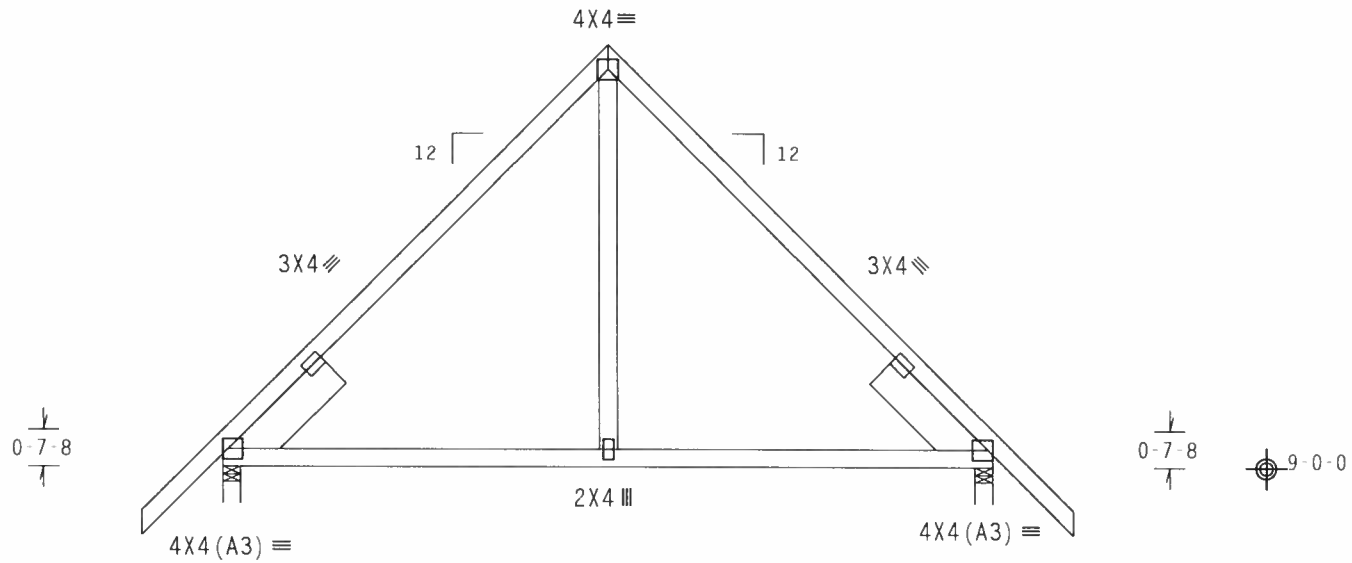
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 2.159'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 2.159'

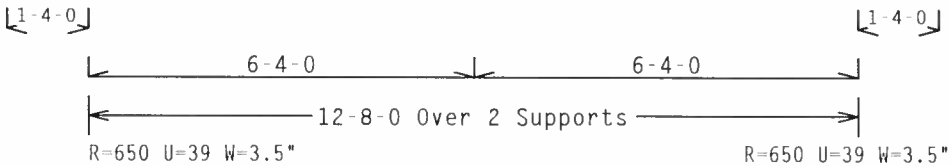
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 6-11-8.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810 | QTY:2 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96148
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260021
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197879
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A7)

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

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

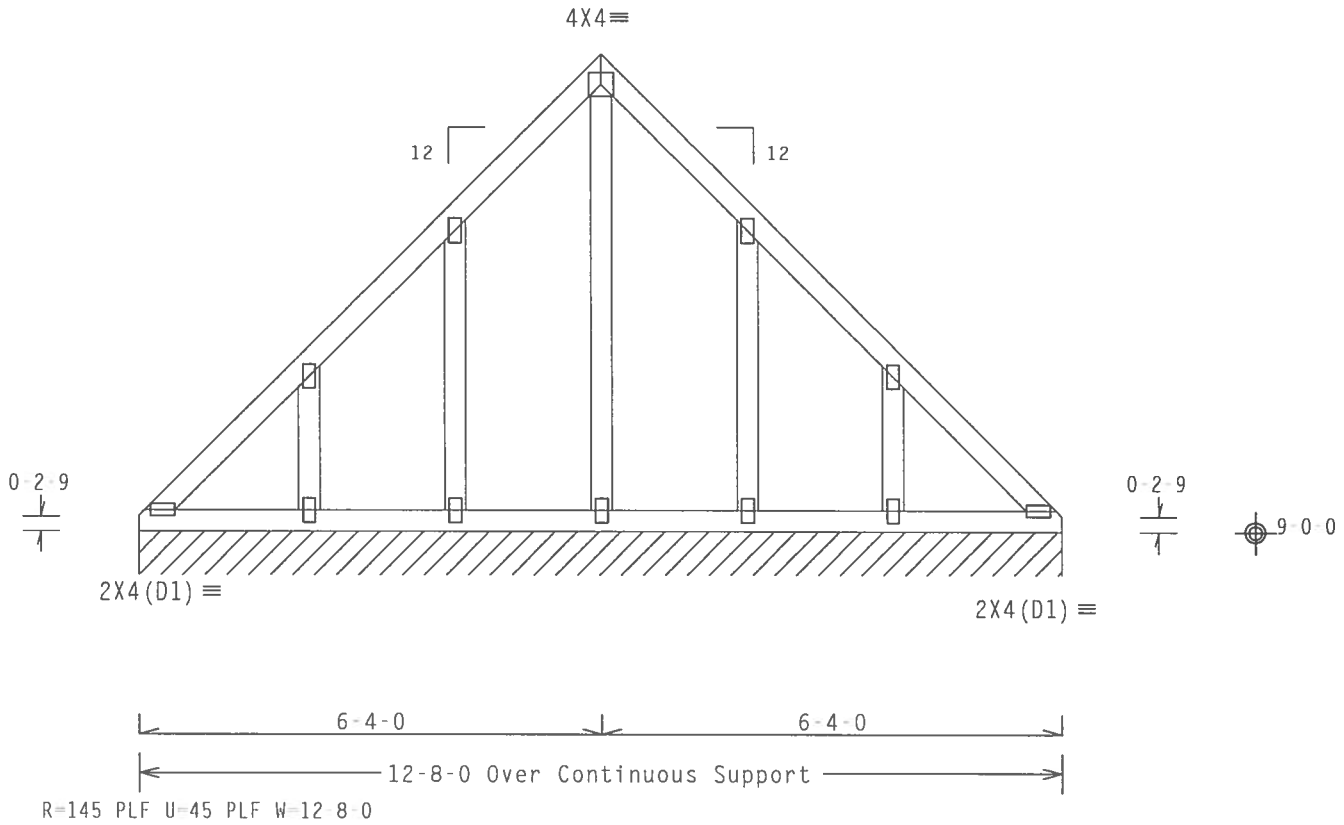
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 6-6-8.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96149
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260022
BC LL	0.0 PSF		HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197876
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

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

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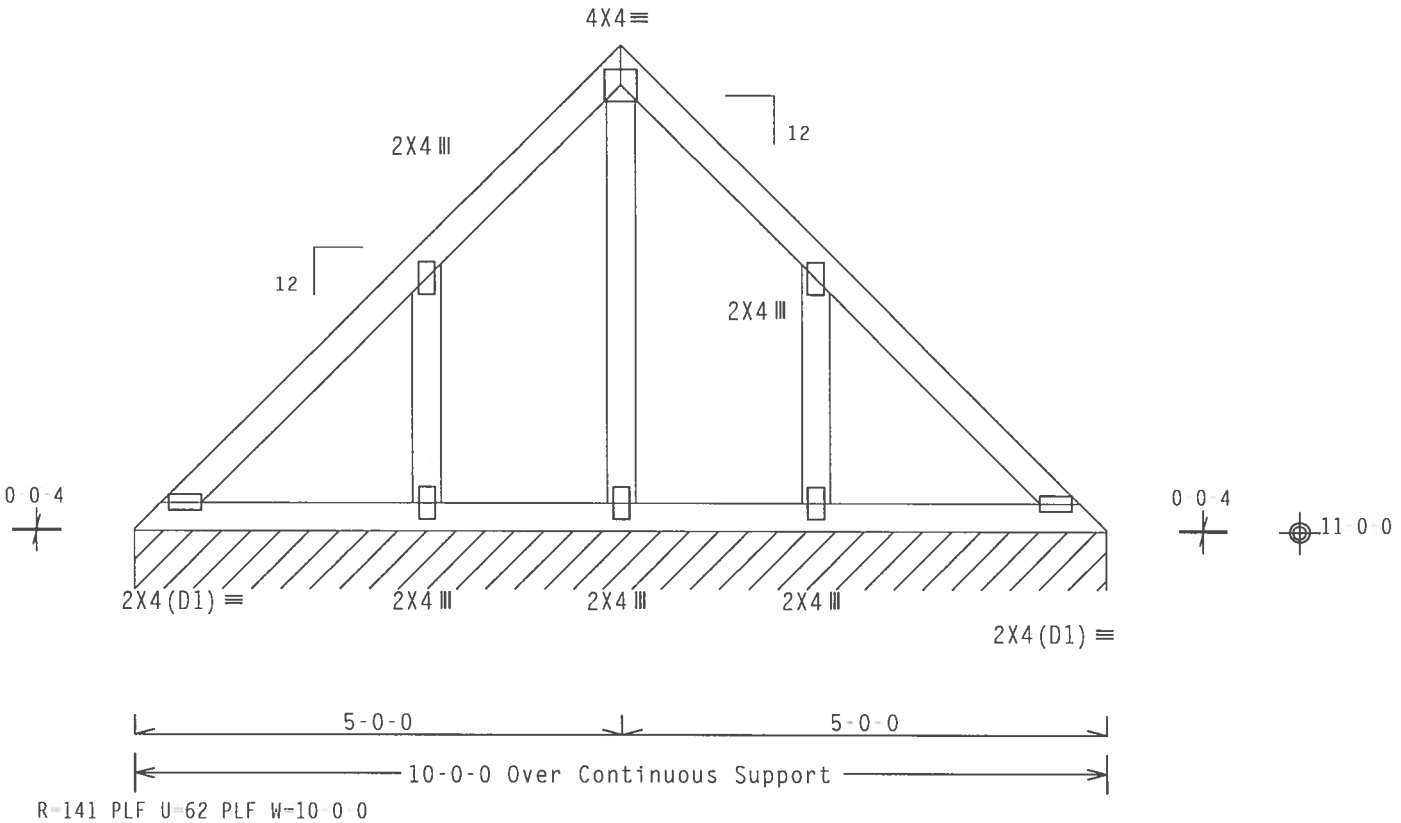
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 5-0-4.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 #3 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 62212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96150
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260023
BC LL	0.0 PSF		HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN	197897
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TAU215_Z02

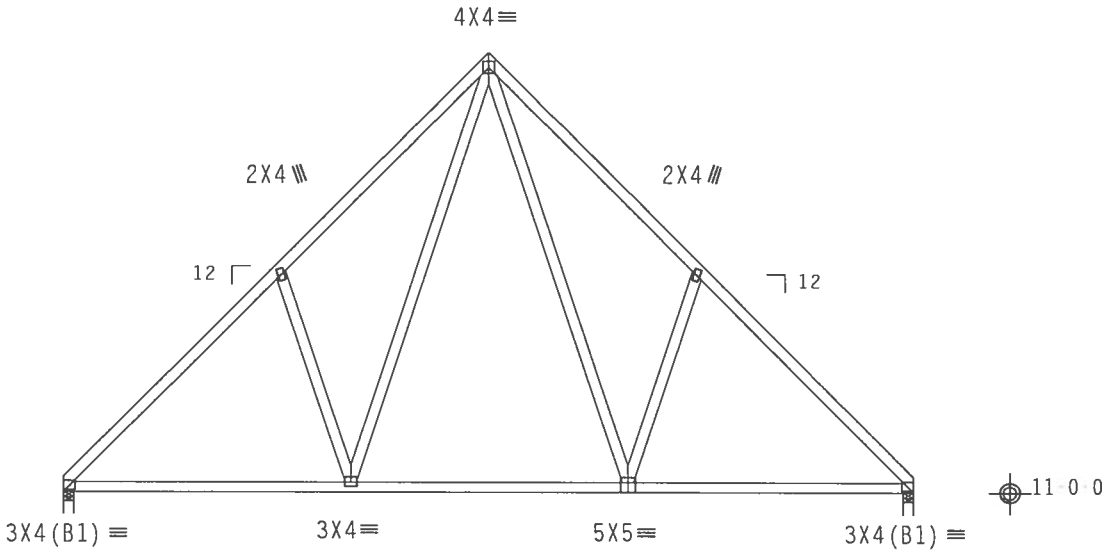
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

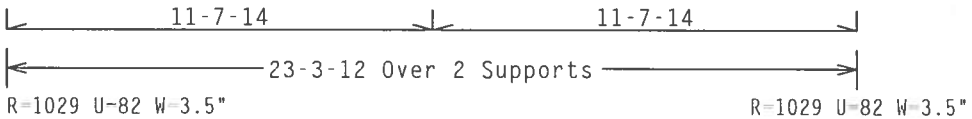
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 12-1-1.

110 mph wind, 17.26 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810 | QTY:3 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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

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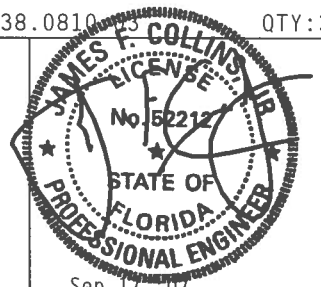

Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96151
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260024
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197894
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

Gable end supports 8" max rake overhang.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

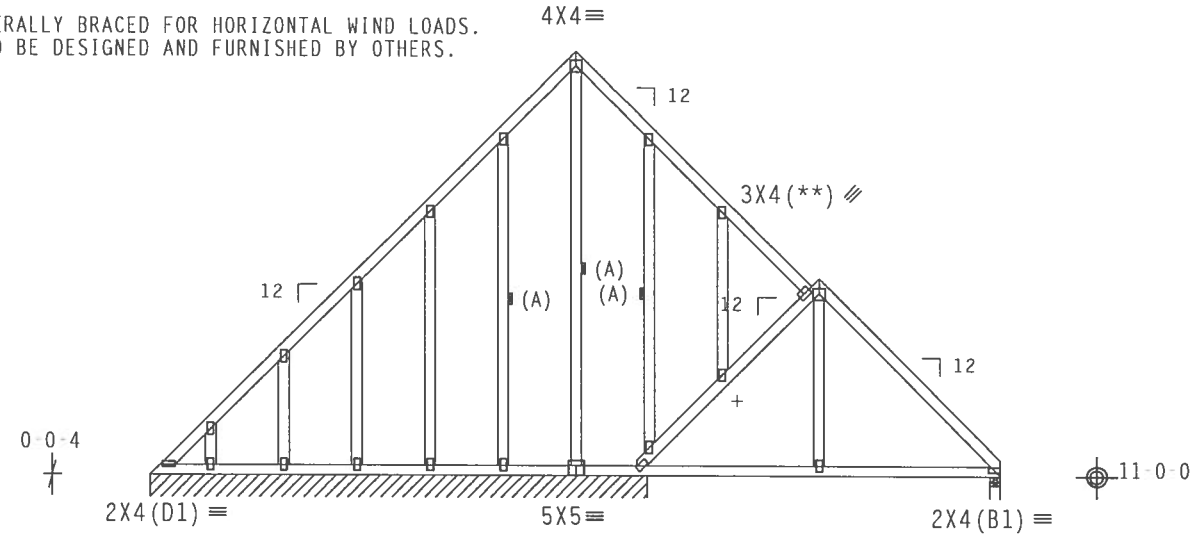
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

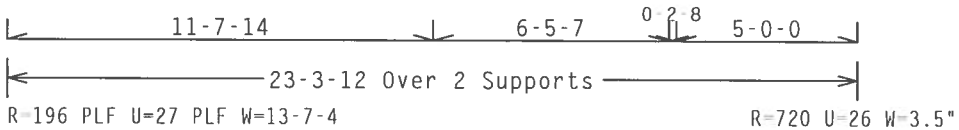
110 mph wind, 16.98 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 11-8-2.





Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave 4X4≡ Cq/RT=1.00(1.25)/0(0) 7.38.0810.08 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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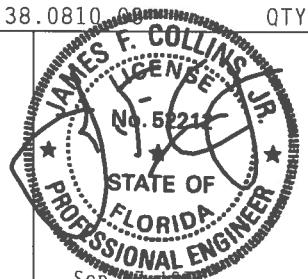

Sep 17,2007

TC LL	20.0 PSF	REF	R215-- 96152
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260057
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197890
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

Calculated horizontal deflection is 0.51" due to live load and 0.44" due to dead load.

Gable end supports 8" max rake overhang.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 10-0-0.

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS.
BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 16.11 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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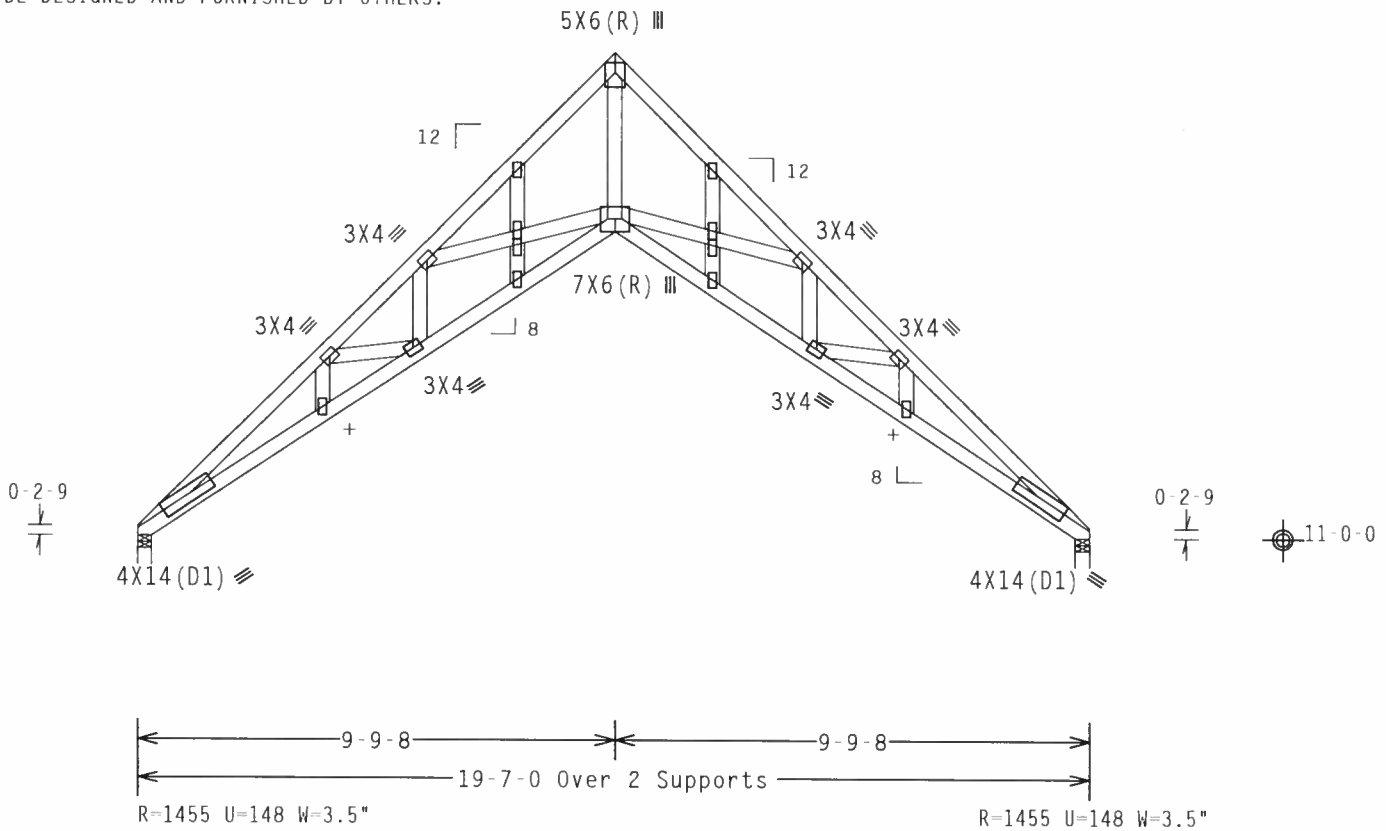

NOTE: ALL PLATES ARE 2X4 EXCEPT AS SHOWN

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.0 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 '07

TC LL	20.0 PSF	REF R215-- 96153
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260058
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 197913
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF 1TAU215 Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A12)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.534'
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.534'

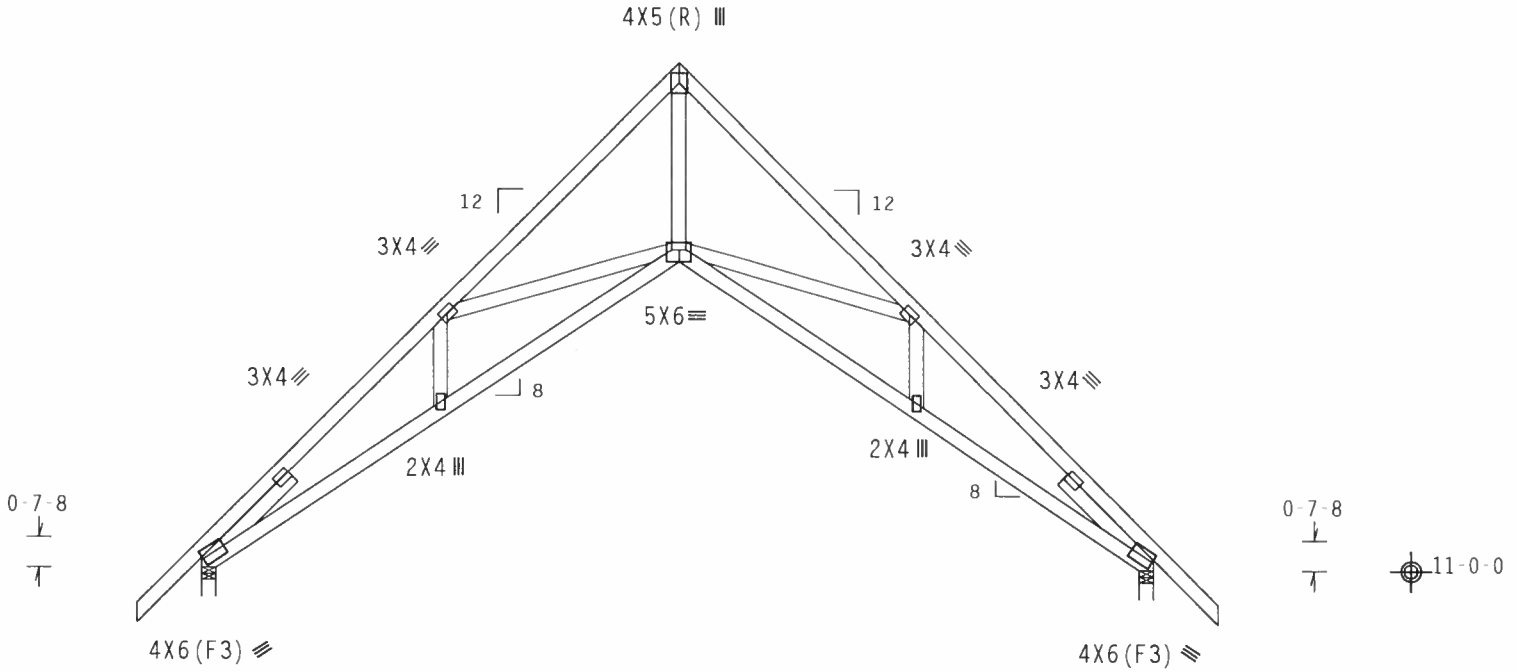
Calculated horizontal deflection is 0.20" due to live load and 0.25" due to dead load.

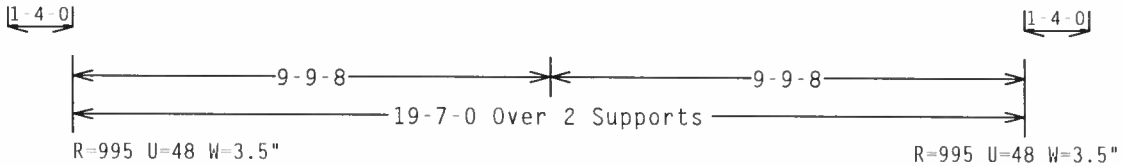
110 mph wind, 15.85 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 10-5-0.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:3 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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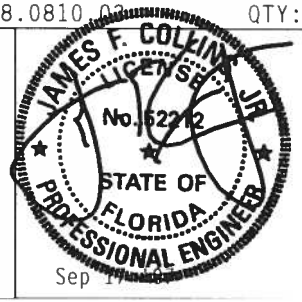


Sep 17

TC LL	20.0 PSF	REF R215-- 96154
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260059
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 197916
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.534'
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.534'

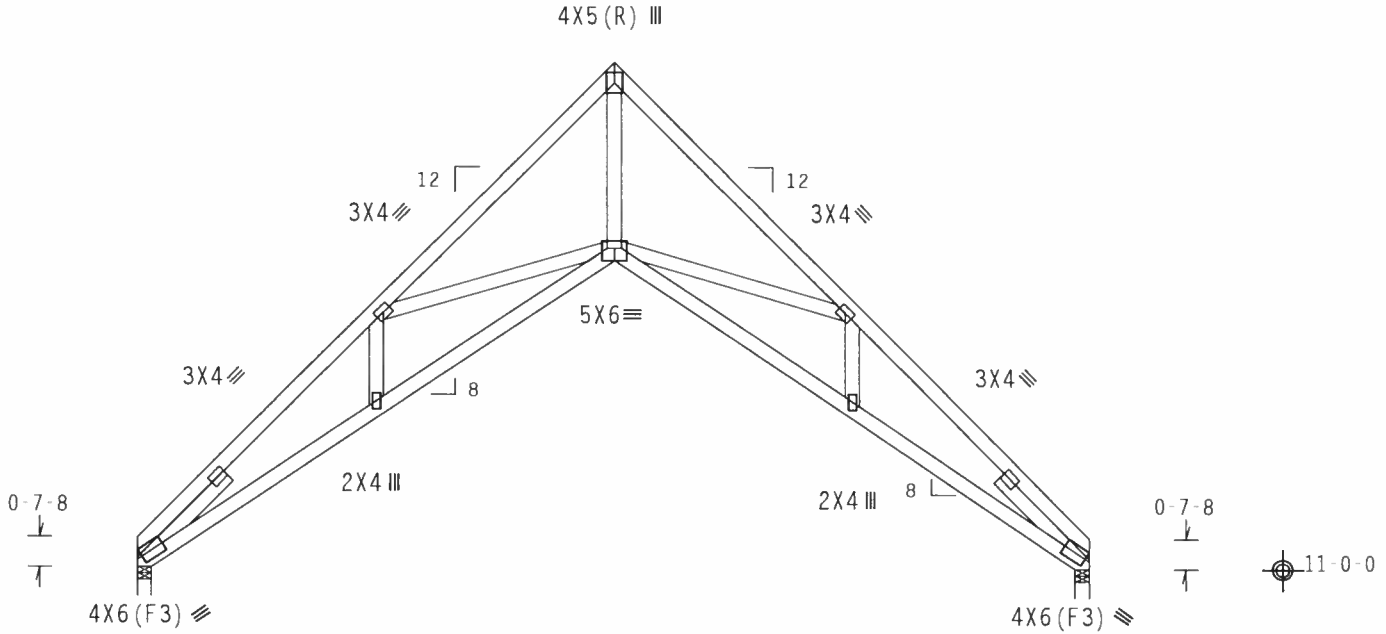
Calculated horizontal deflection is 0.20" due to live load and 0.26" due to dead load.

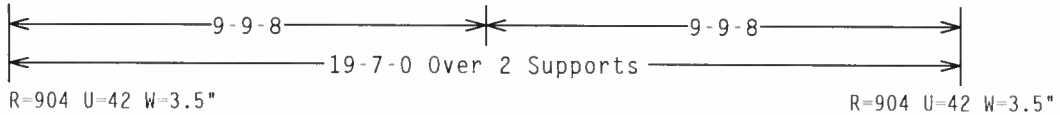
110 mph wind, 16.52 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 10-5-0.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.02 QTY:3 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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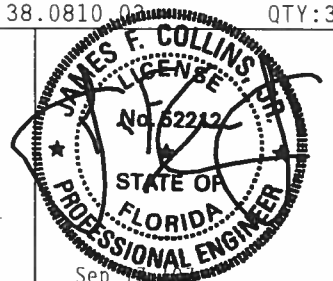


Sep

TC LL	20.0 PSF	REF R215-- 96155
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260060
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 197919
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

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

Gable end supports 8" max rake overhang.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 8-2-8.

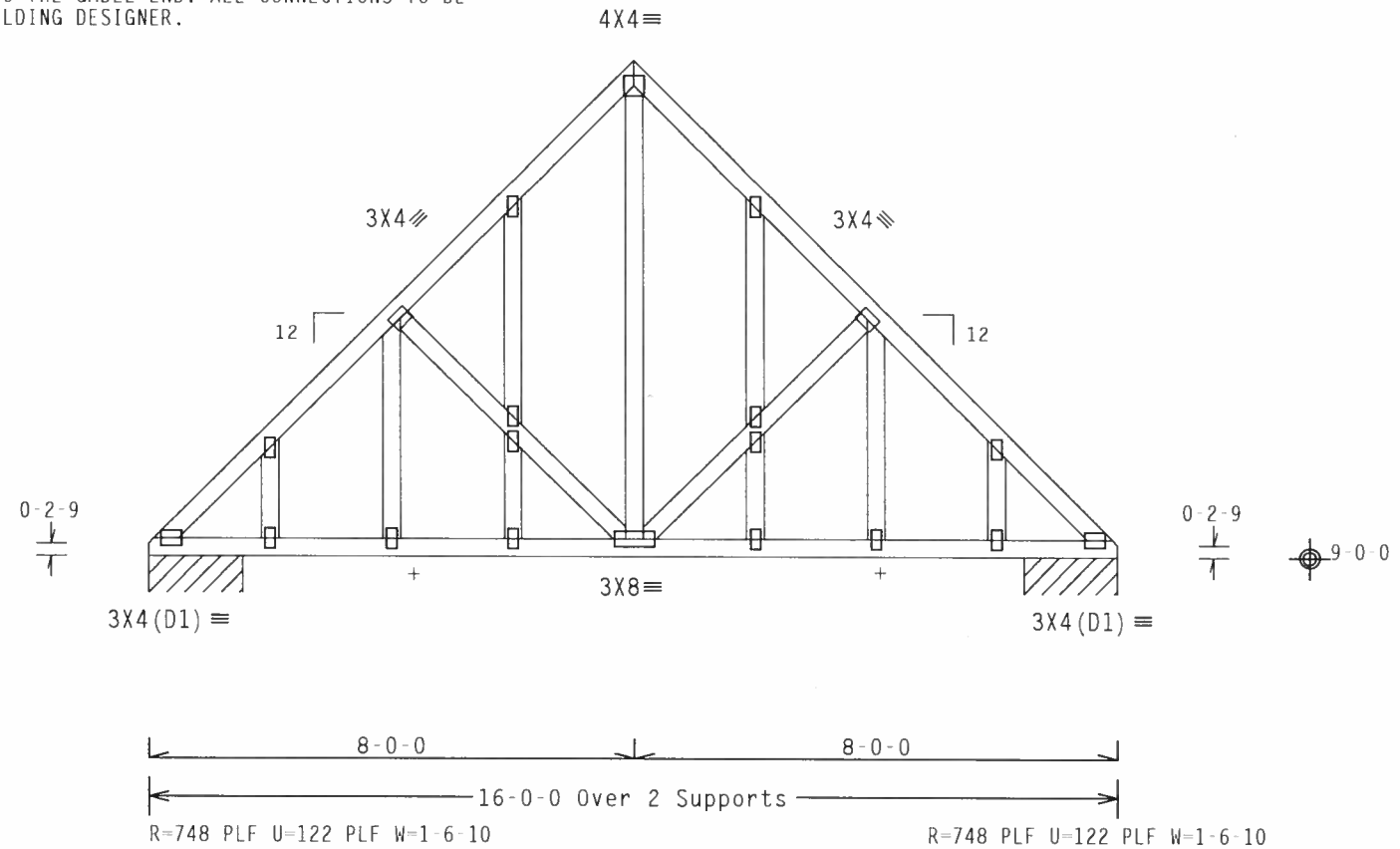
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

Wind reactions based on MWFRS pressures.

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

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSED No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 1

TC LL	20.0 PSF	REF	R215-- 96156
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260061
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197901
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION Lot 8 Country Lakes @ - A15)

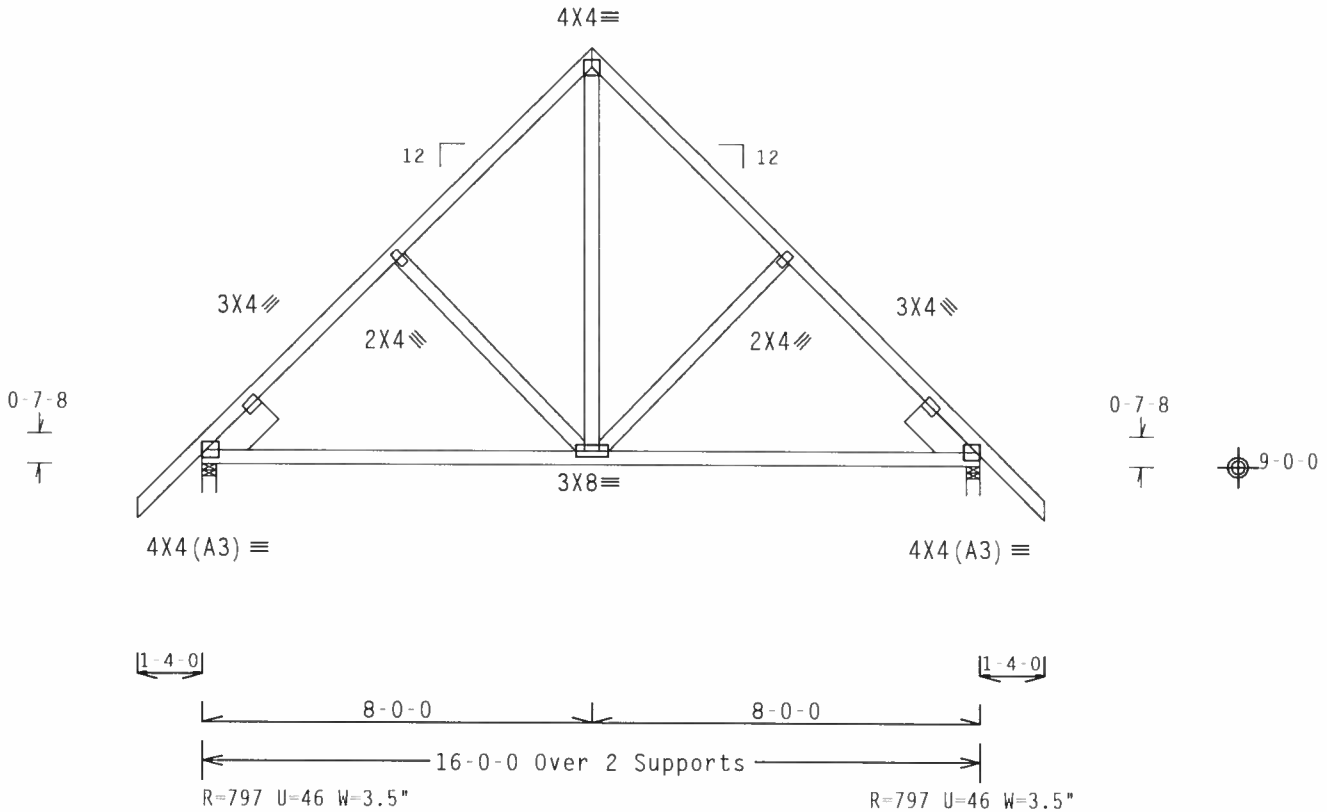
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'

Deflection meets L/240 live and L/180 total 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 8-7-8.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF R215-- 96157
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260025
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 197904
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

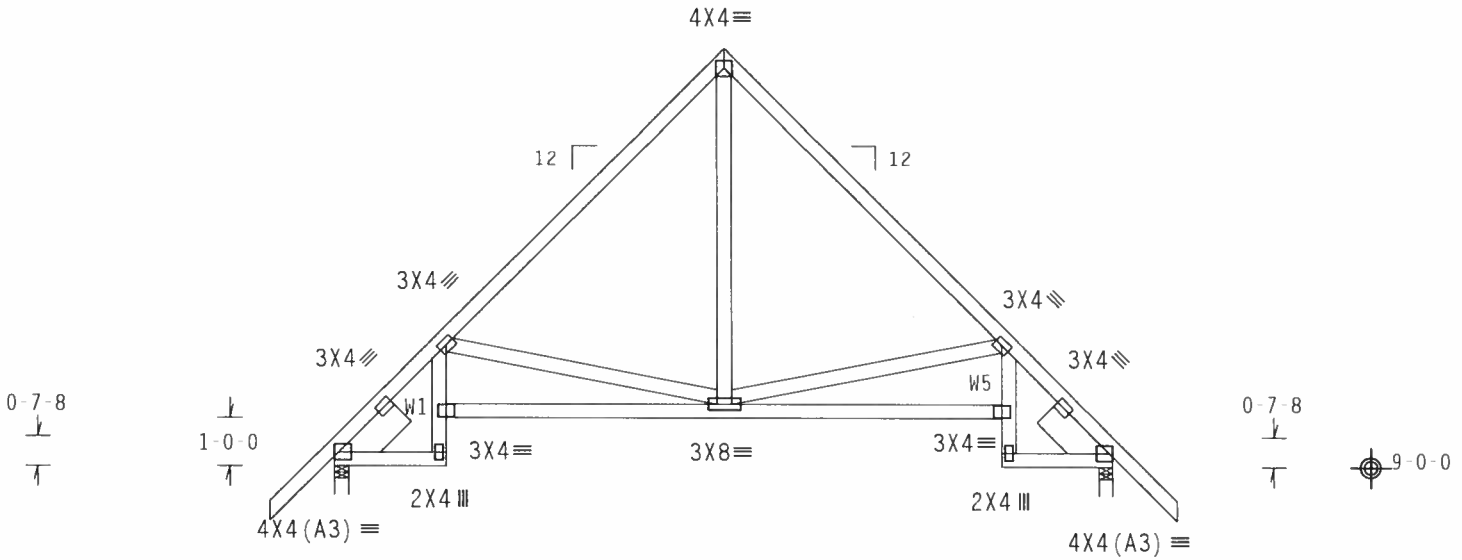
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W1, W5 2x4 SP #2 Dense:
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'

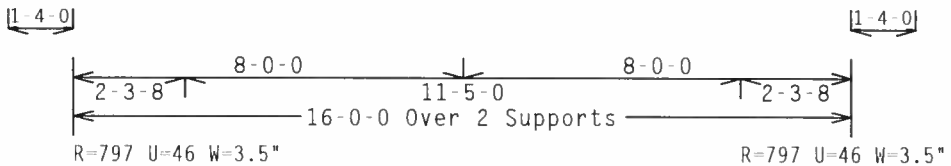
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 8-7-8.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:4 FL/-/5/-/-/R/- Scale =.25"/Ft.

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17,

TC LL	20.0 PSF	REF R215-- 96158
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260026
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 197908
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF 1TAU215 Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #2 N :B2 2x8 SP SS:
Webs 2x4 SP #2 N :W4, W15 2x4 SP #2 Dense:
:Lt Wedge 2x6 SP #2 N::Rt Wedge 2x6 SP #2 N:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 68 PLF at -1.33 to 68 PLF at 8.00
TC - From 68 PLF at 8.00 to 68 PLF at 17.33
BC - From 20 PLF at 0.00 to 20 PLF at 2.29
BC - From 20 PLF at 2.29 to 20 PLF at 13.71
BC - From 20 PLF at 13.71 to 20 PLF at 16.00
BC - 4399 LB Conc. Load at 7.13
BC - 1613 LB Conc. Load at 9.06
BC - 1598 LB Conc. Load at 11.06, 13.06, 15.06

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

The overall height of this truss excluding overhang is 8-7-8.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing blocks: Nail type: 0.131"x3"_Gun_nails

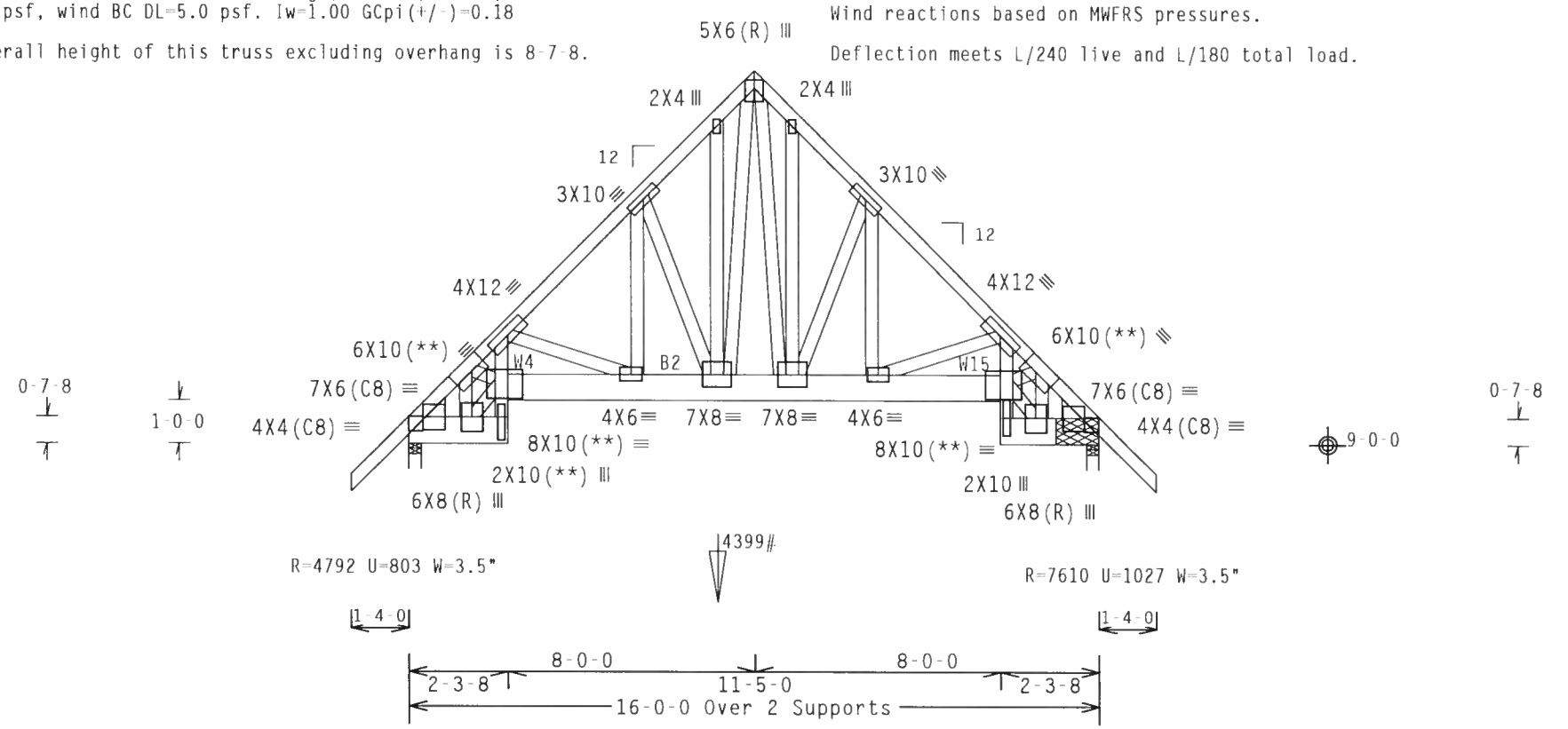
BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
2	15.708'	2	12"	11	Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

(**) 5 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810_02 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96159
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260102
BC LL	0.0 PSF		HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198117
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

Top chord 2x6 SP #2 N :T1 2x4 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

Wind reactions based on MWFRS pressures.

#1 hip supports 8-8-0 jacks with no webs.

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

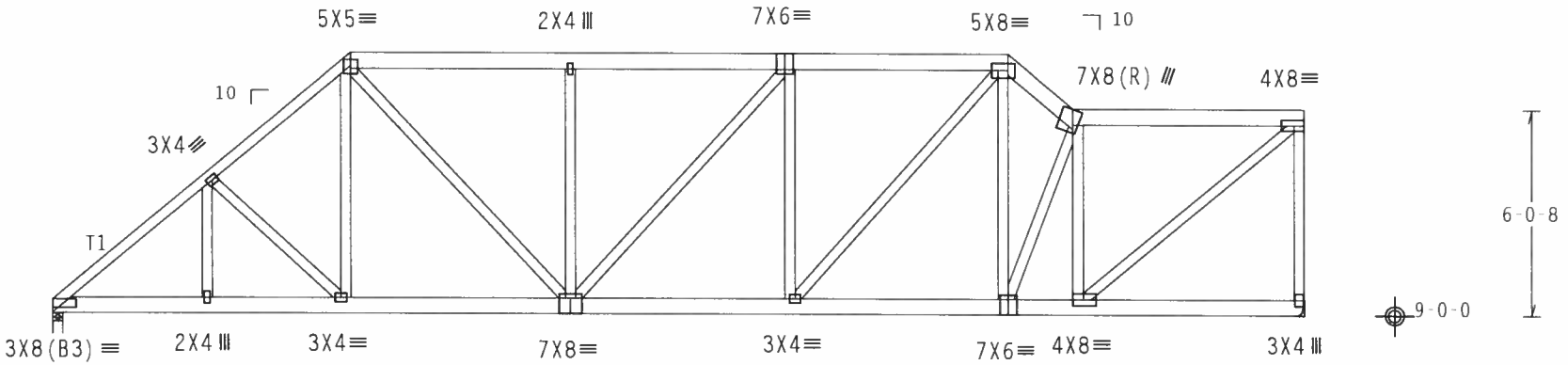
The overall height of this truss excluding overhang is 7-7-8.

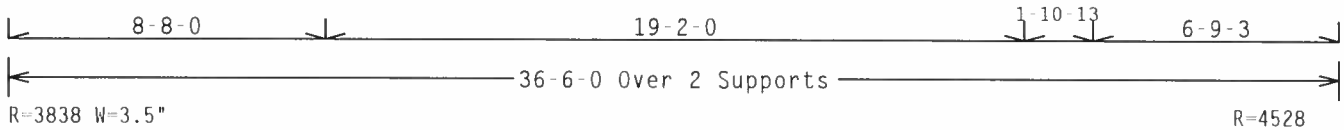
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

Left side jacks have 8-8-0 setback with 0-0-0 cant and 1-4-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96160
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260062
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197983
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

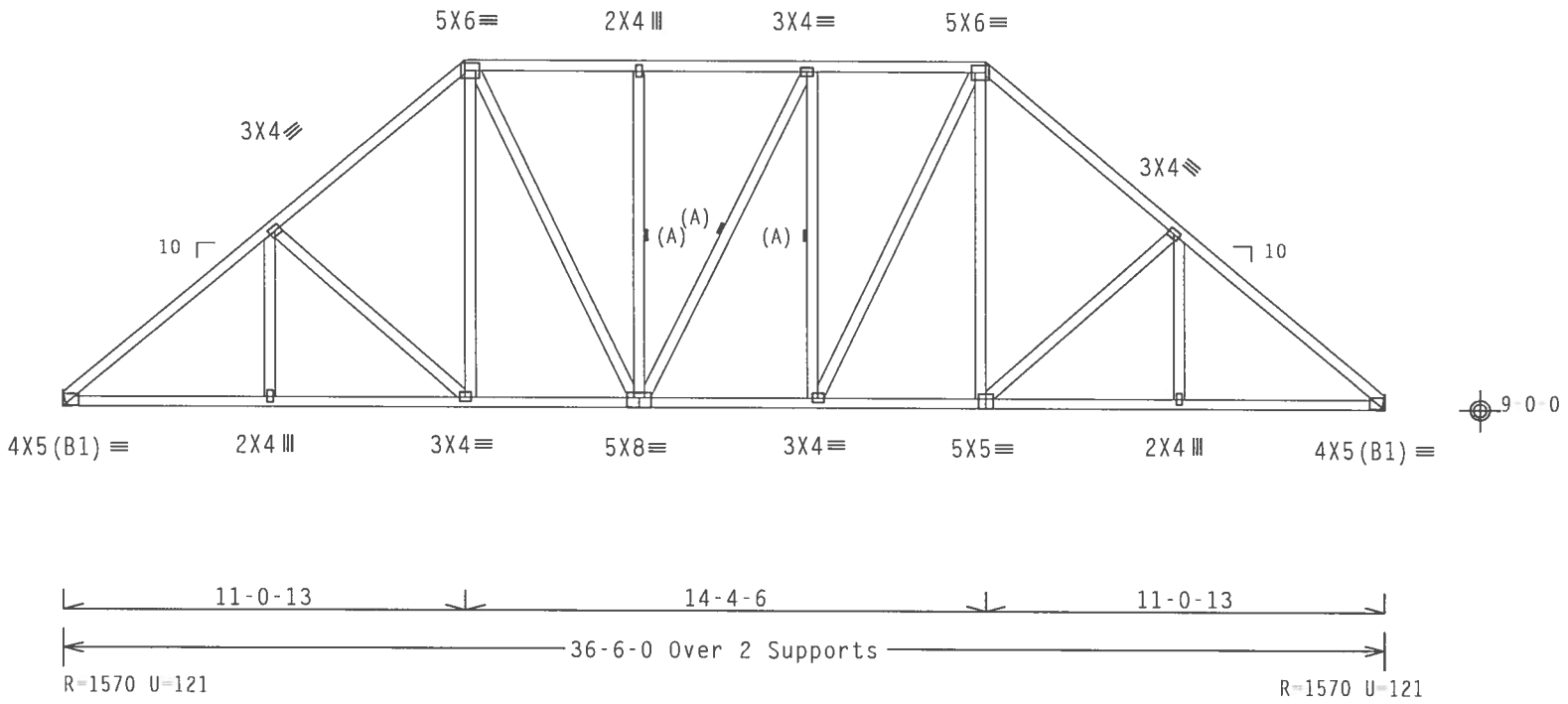
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

The overall height of this truss excluding overhang is 9-7-8.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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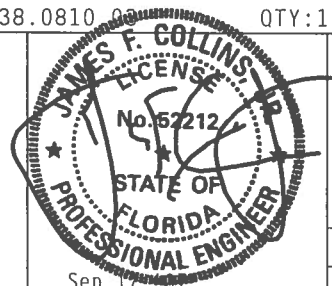


Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96161
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260063
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197990
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

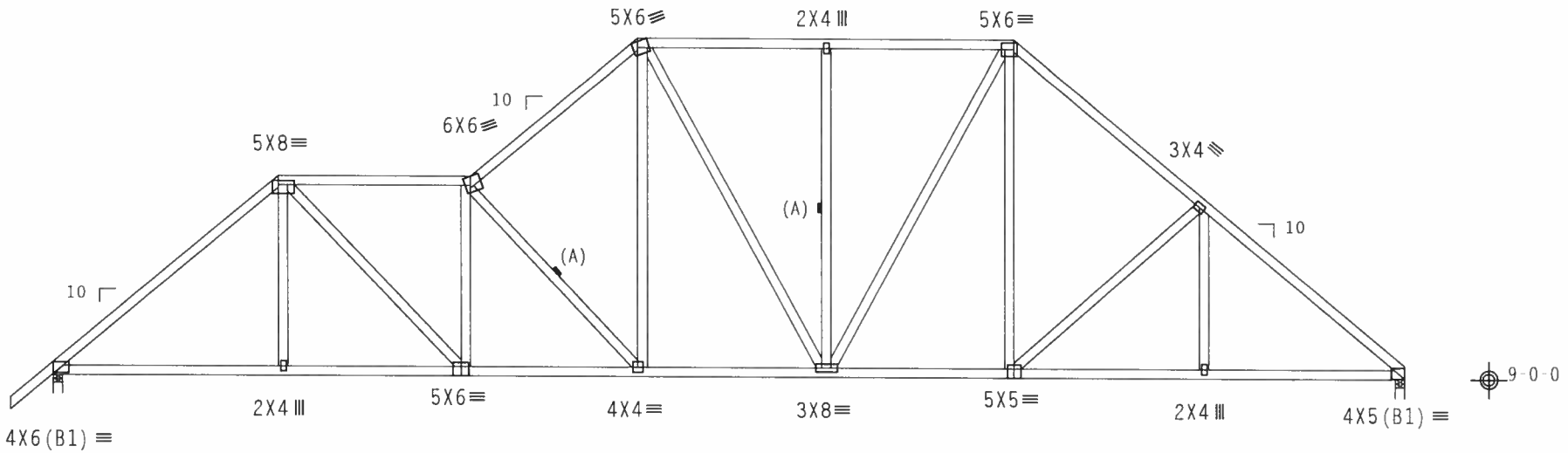
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

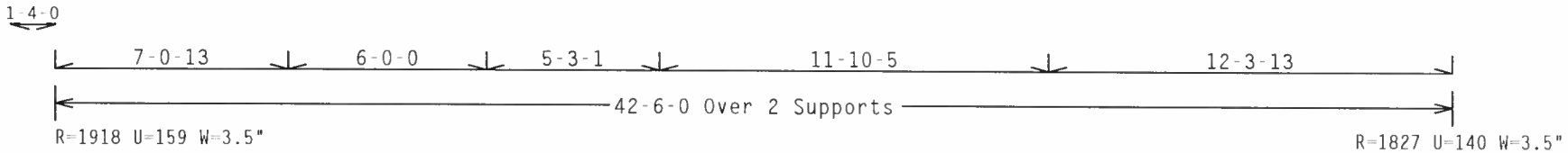
The overall height of this truss excluding overhang is 10-8-0.

110 mph wind, 15.00 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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17,07

TC LL	20.0 PSF	REF R215-- 96162
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260027
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 198192
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883-/MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A21)

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

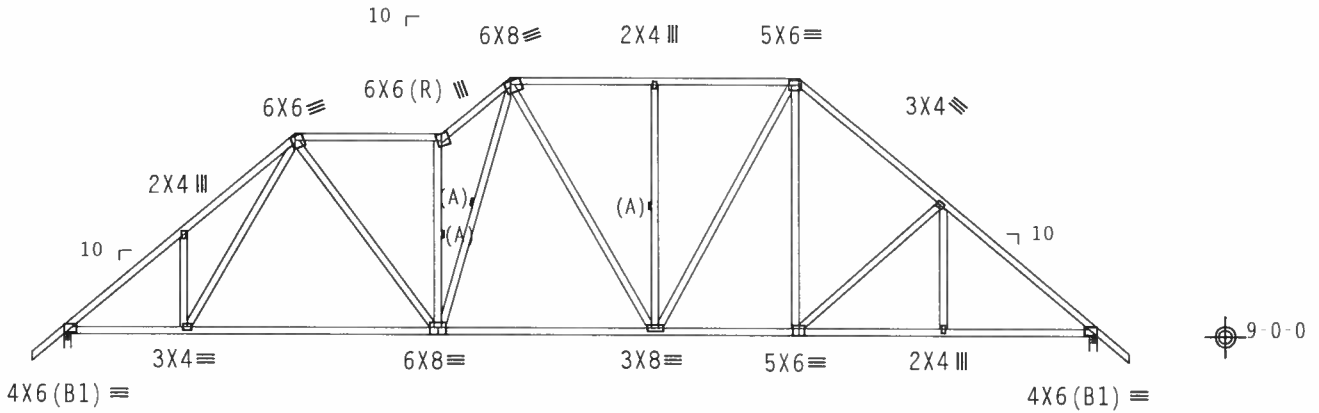
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

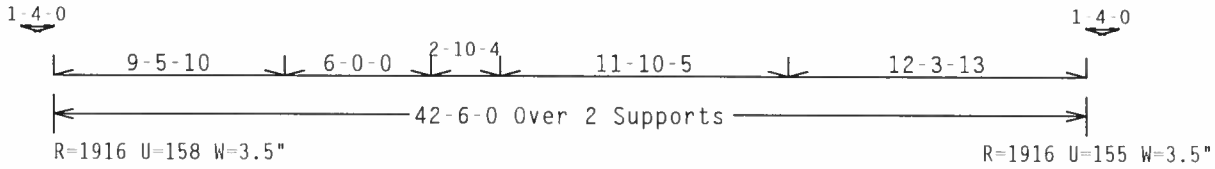
The overall height of this truss excluding overhang is 10-8-0.

110 mph wind, 15.00 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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE
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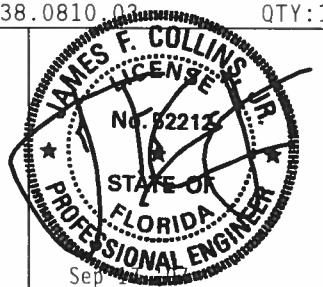


TC LL	20.0 PSF	REF	R215-- 96163
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260028
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198196
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

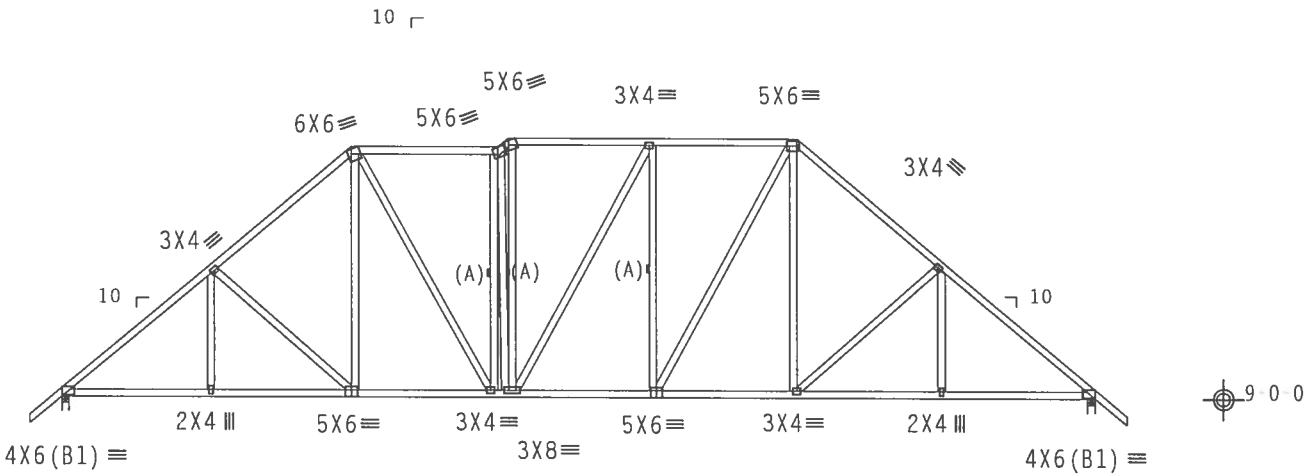
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

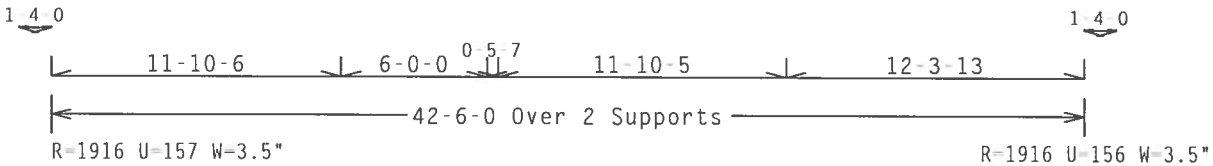
The overall height of this truss excluding overhang is 10-8-0.

110 mph wind, 15.00 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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE

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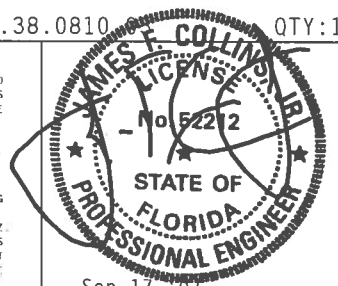

Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96164
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260029
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198200
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

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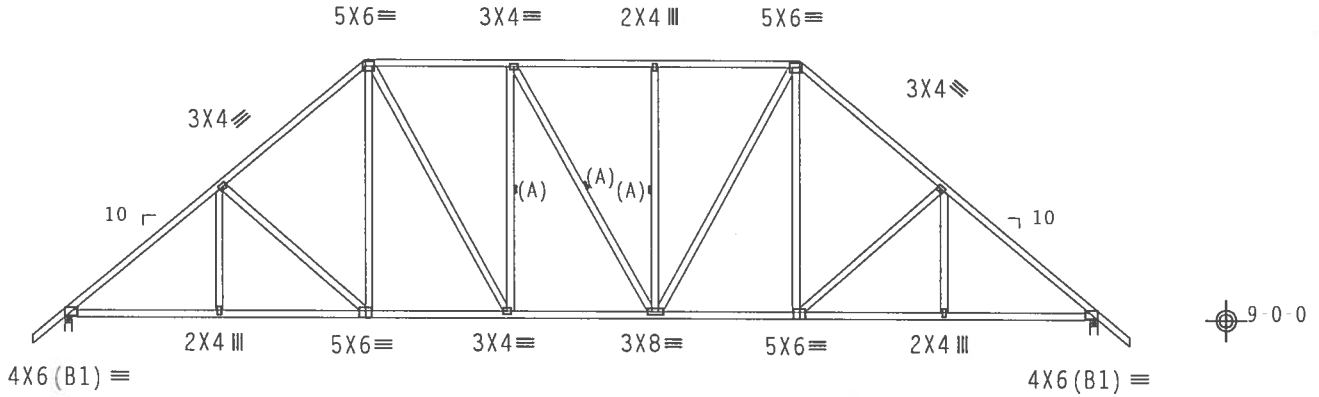

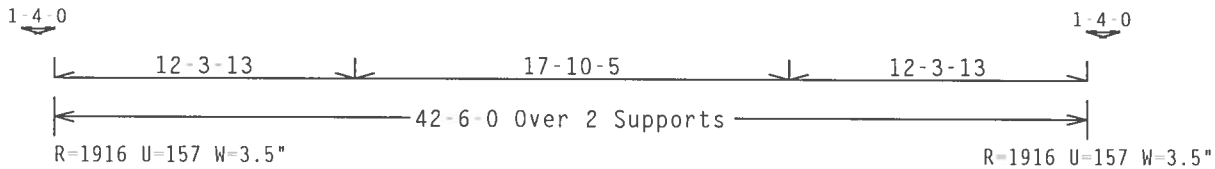

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810.09 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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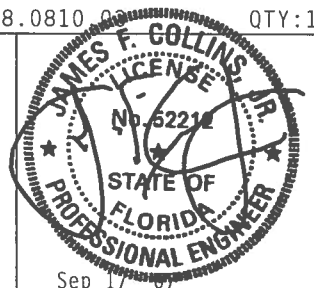


Sep 17 07

TC LL	20.0 PSF	REF R215-- 96165
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260030
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 198204
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ A24)

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

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

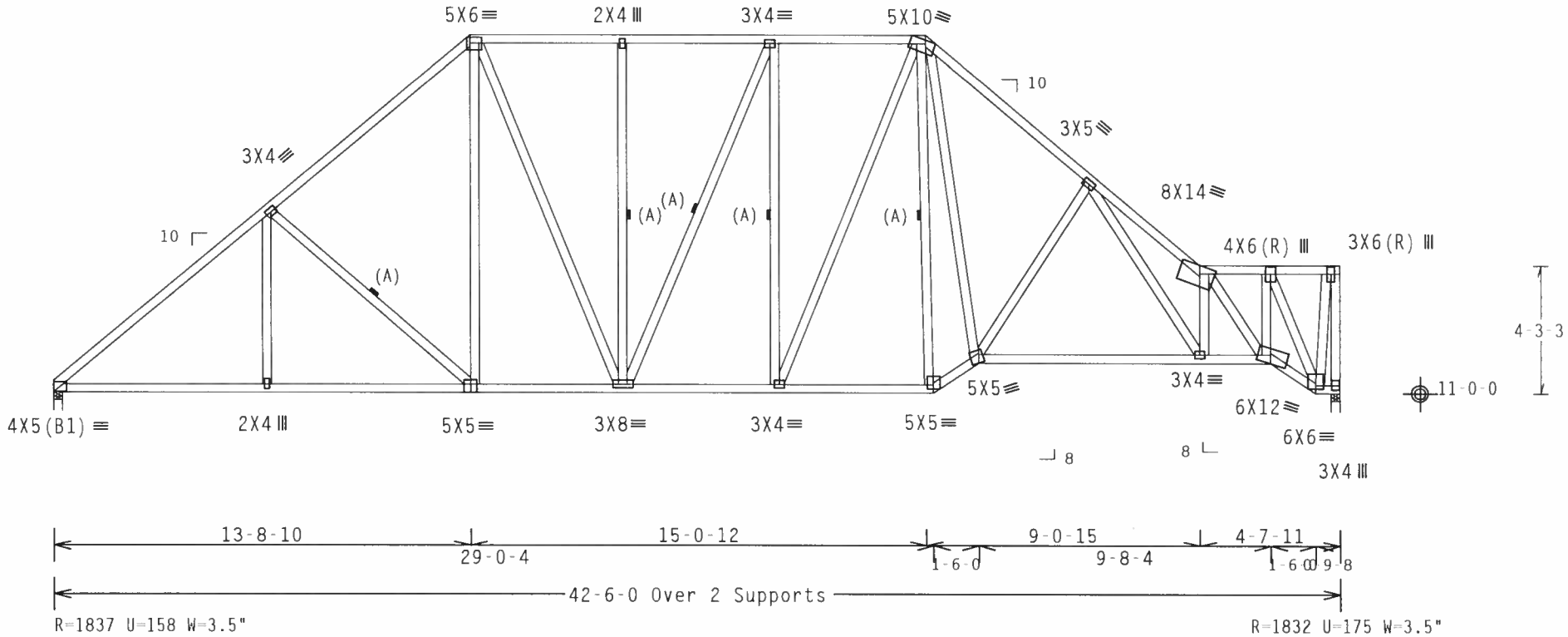
Deflection meets L/240 live and L/180 total load.

110 mph wind, 17.12 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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 11-10-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96166
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260031
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198152
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8-Country Lakes @ - A25)

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

(A) Continuous lateral bracing equally spaced on member.

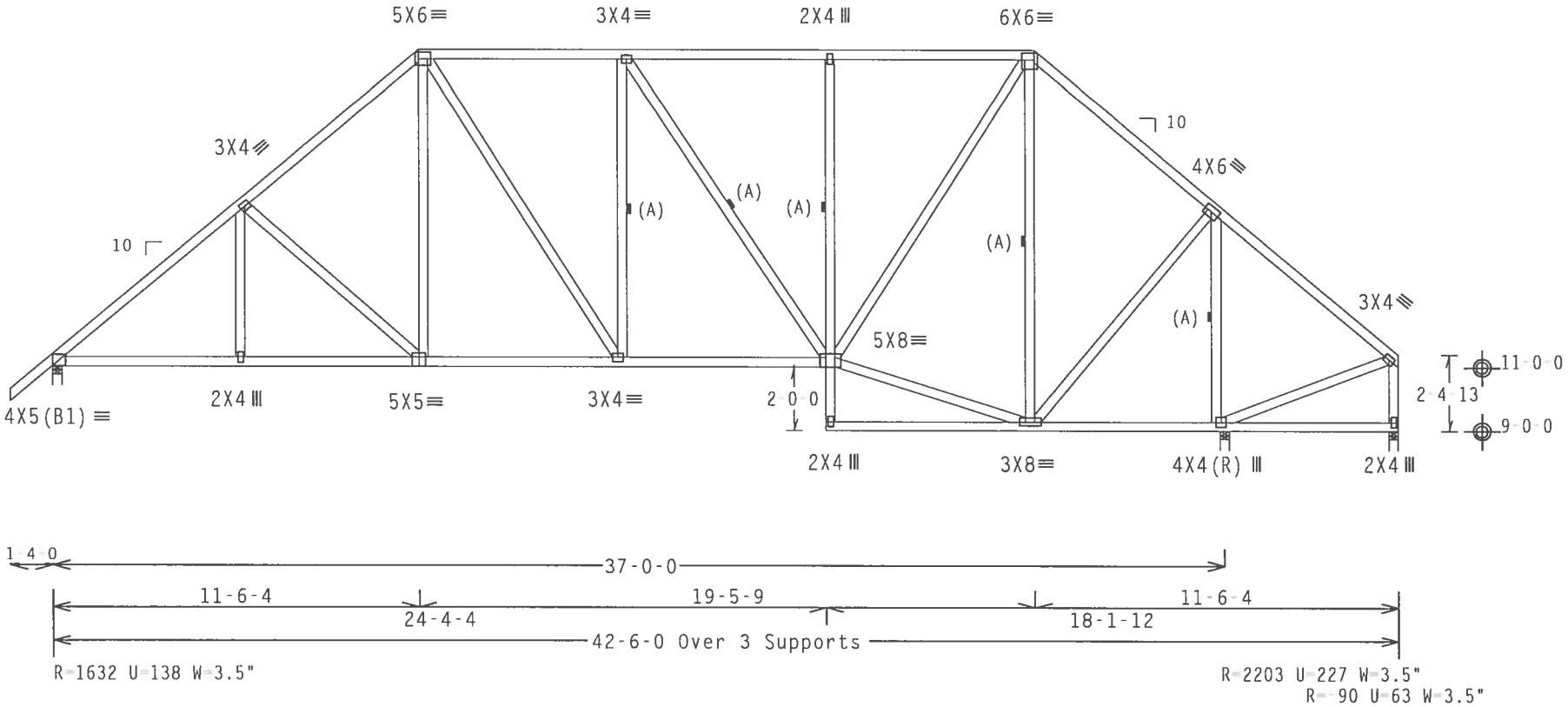
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10-0-0.

110 mph wind, 15.64 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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.02 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96167
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260064
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198148
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A26)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B3 2x6 SP #2 N: :B4 2x6 SP SS:
Webs 2x4 SP #2 N

Bearing blocks: Nail type: 0.131"x3" Gun nails

BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
2	36.854'	1	12"	9	Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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

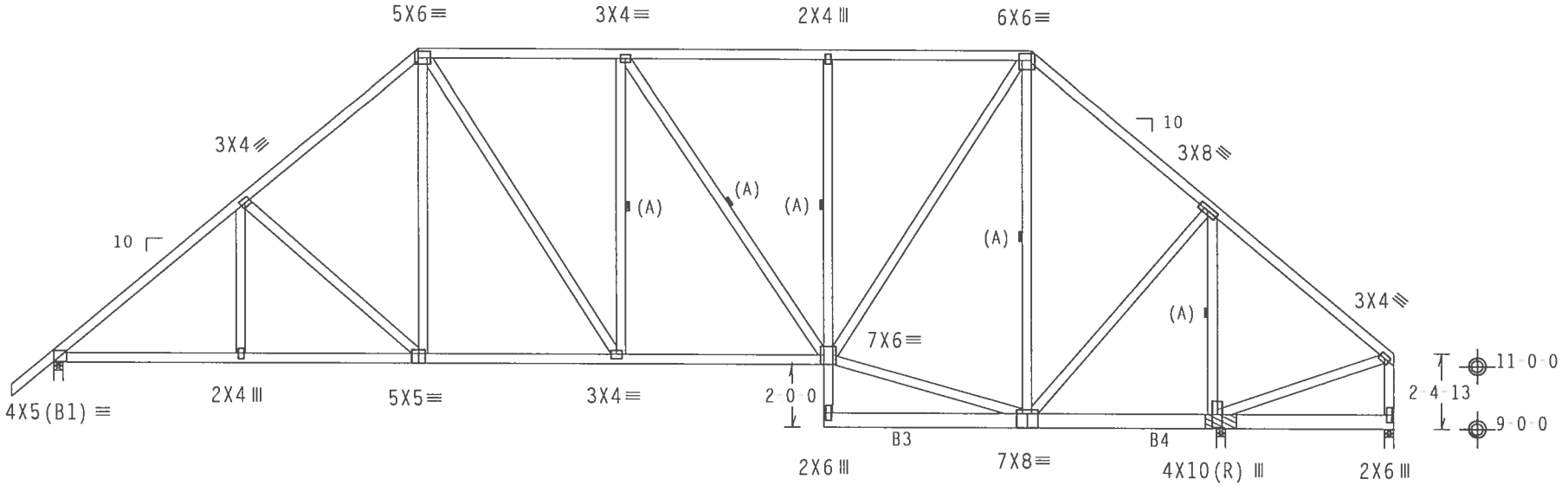
TC	From	66 PLF at	1.33 to	66 PLF at	11.52
TC	From	66 PLF at	11.52 to	66 PLF at	30.98
TC	From	66 PLF at	30.98 to	66 PLF at	42.50
BC	From	20 PLF at	0.00 to	20 PLF at	24.35
BC	From	20 PLF at	24.35 to	20 PLF at	42.50

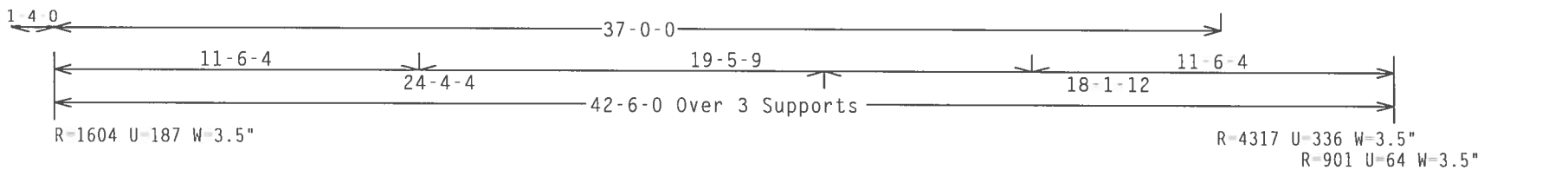
BC 1026 LB Conc. Load at 37.21, 38.94, 40.94

110 mph wind, 15.64 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.

The overall height of this truss excluding overhang is 10-0-0.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.02 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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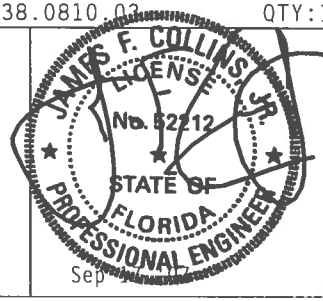


TC LL	20.0 PSF	REF	R215-- 96168
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260101
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198142
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

Left end vertical not exposed to wind pressure.

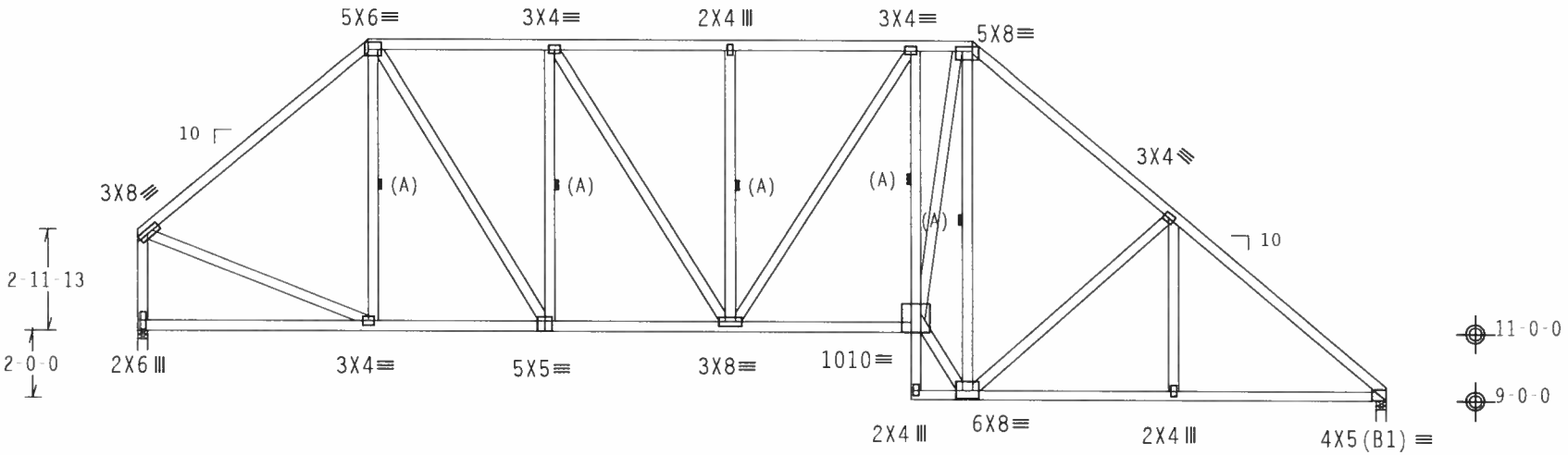
(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 8-8-0.

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.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
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Haines City, FL 33844
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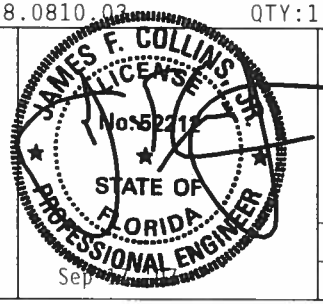


Sep

TC LL	20.0 PSF	REF	R215-- 96169
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260032
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198210
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

Left end vertical not exposed to wind pressure.

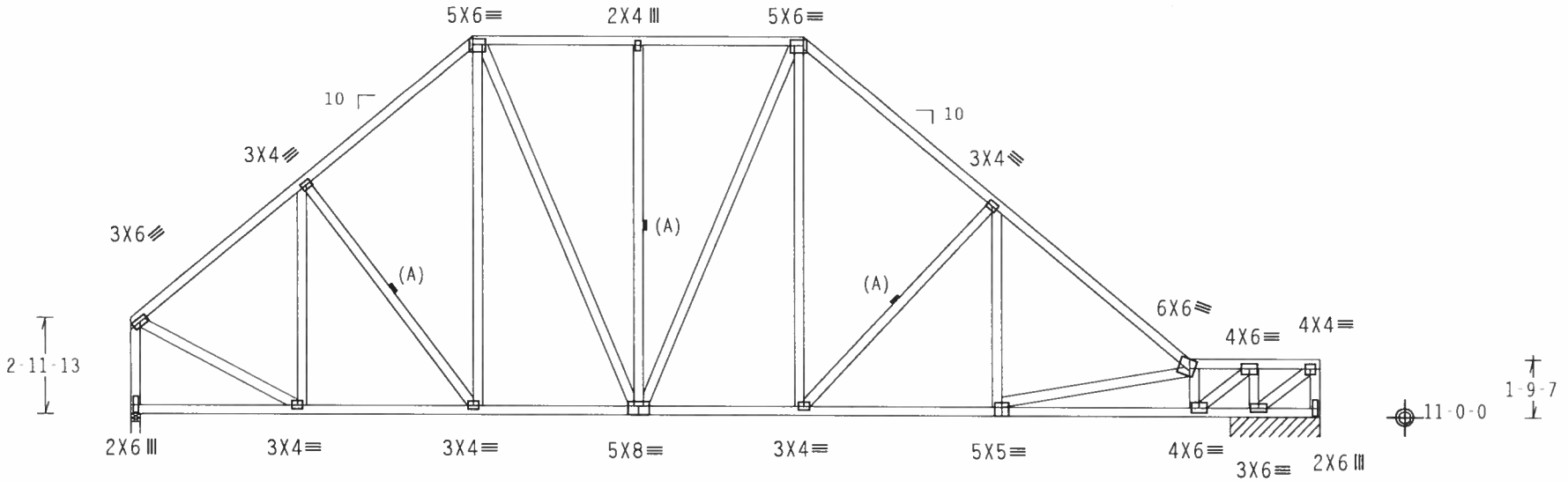
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

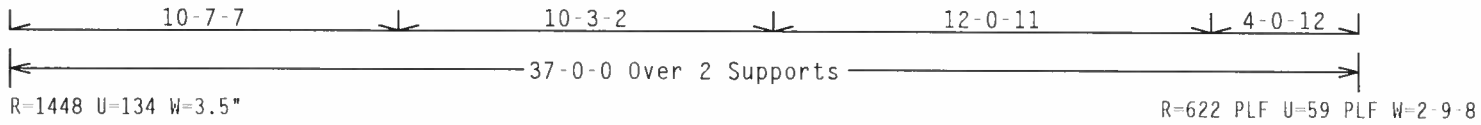
110 mph wind, 17.81 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 11-10-0.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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JAMES F. COLLINS, JR. LICENSE No. 42212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17, 07

TC LL	20.0 PSF	REF R215-- 96170
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260065
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 198215
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF 1TAU215 Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A29)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

End verticals not exposed to wind pressure.

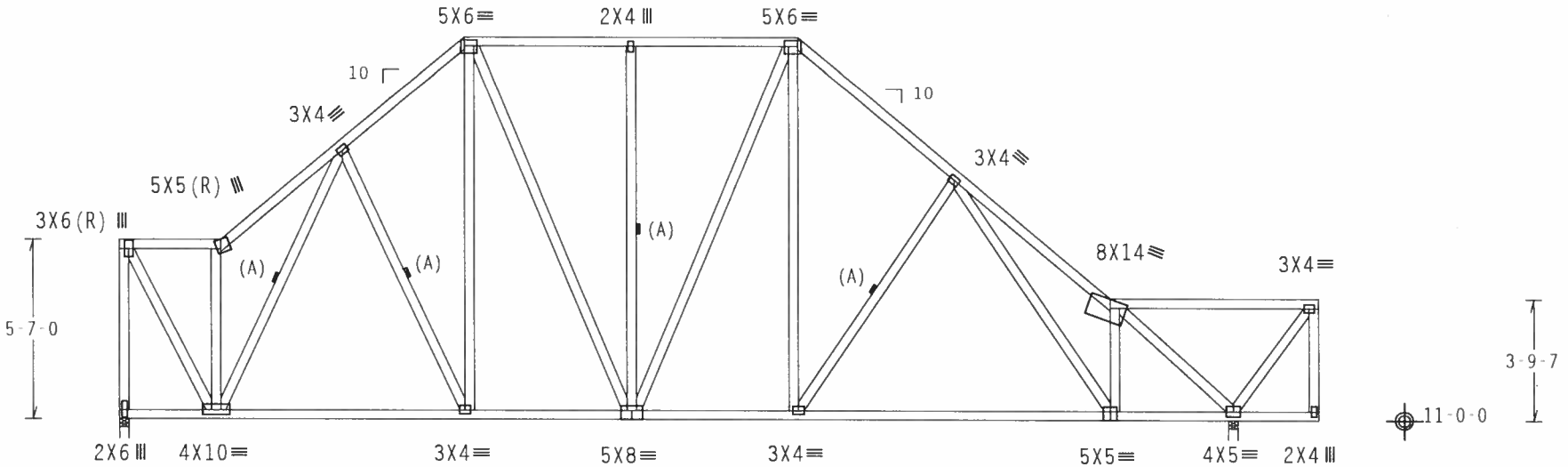
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

110 mph wind, 18.81 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.

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

The overall height of this truss excluding overhang is 11-10-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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FL Certificate of Authorization # 567

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96171
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260033
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198219
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TAU215 Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A30)

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

End verticals not exposed to wind pressure.

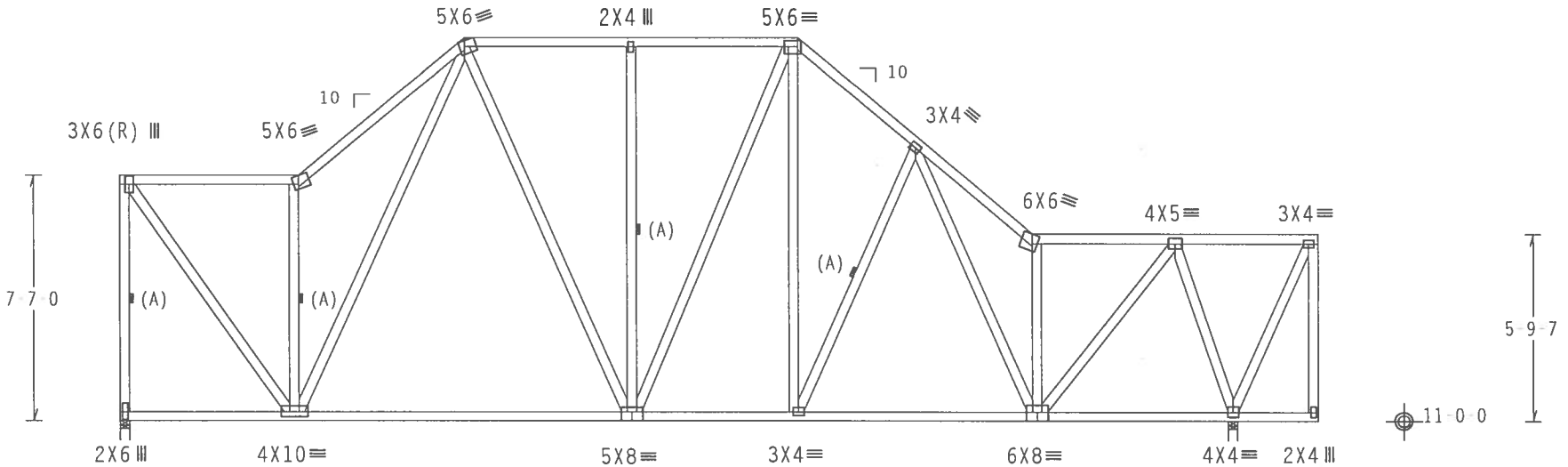
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

110 mph wind, 19.81 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.

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

The overall height of this truss excluding overhang is 11-10-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE 40 50212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF R215-- 96172
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260034
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 198223
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A31)

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

End verticals not exposed to wind pressure.

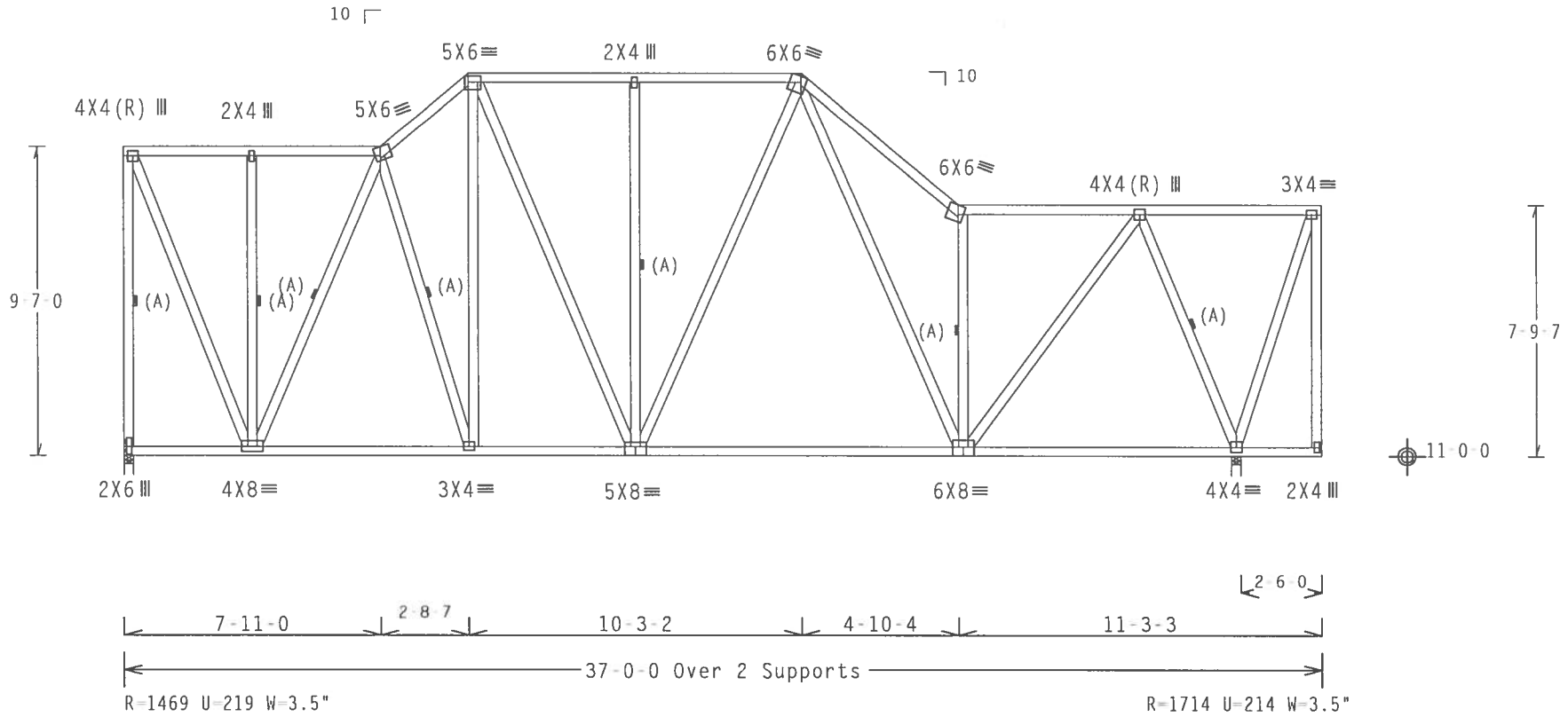
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

110 mph wind, 20.81 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.

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

The overall height of this truss excluding overhang is 11 10 0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17, 2007

TC LL	20.0 PSF	REF	R215-- 96173
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260035
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198227
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A32)

Top chord 2x4 SP #2 N :T3 2x6 SP #2 N:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W6 2x4 SP SS:

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

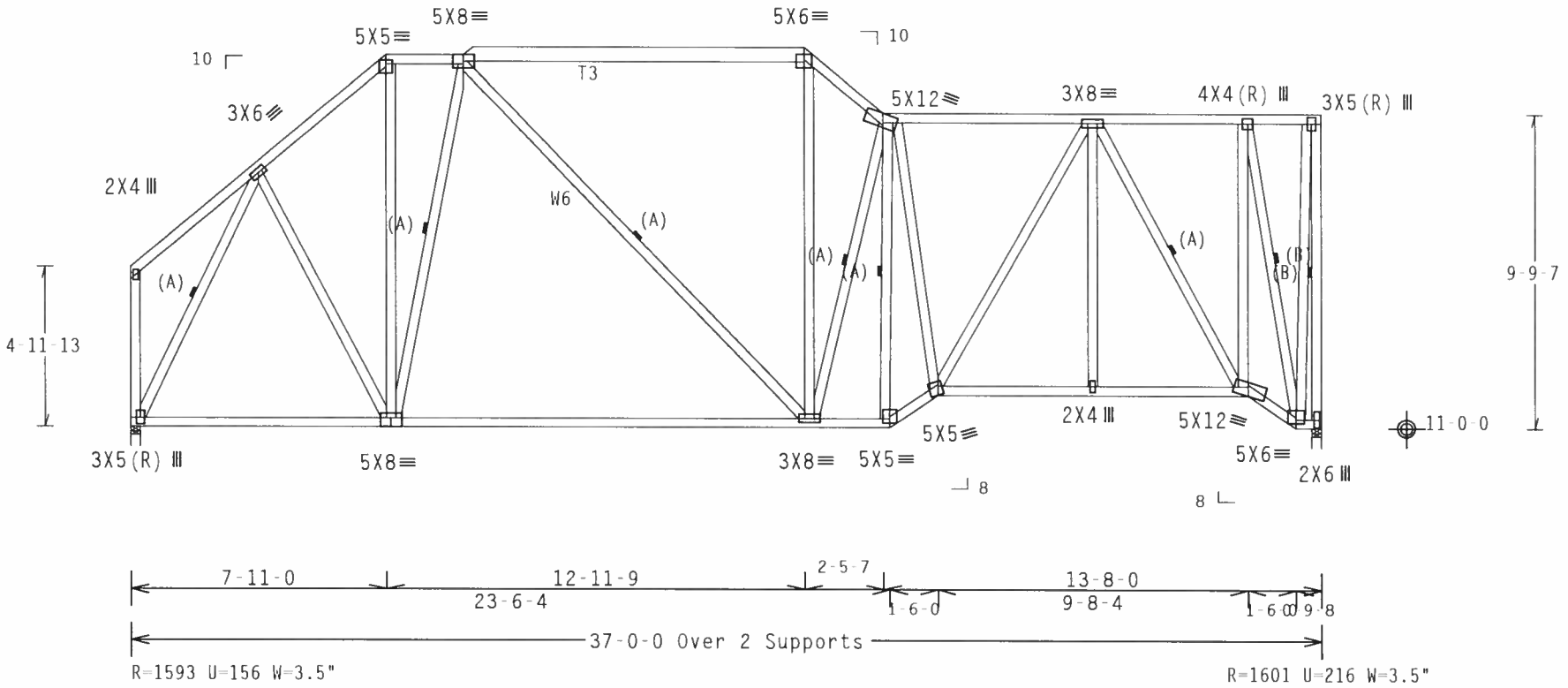
Deflection meets L/240 live and L/180 total load.

110 mph wind, 19.41 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.

(B) Continuous lateral bracing equally spaced on member. Or 2x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

The overall height of this truss excluding overhang is 11-10-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.0 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52214 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 07

TC LL	20.0 PSF	REF R215-- 96174
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260066
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 198232
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883-/MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8-Country Lakes @ -- A33)

THIS END PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(C) Continuous lateral bracing equally spaced on member. Or 2x6 "T" brace. 80% length of web member. Same species & grade or better, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

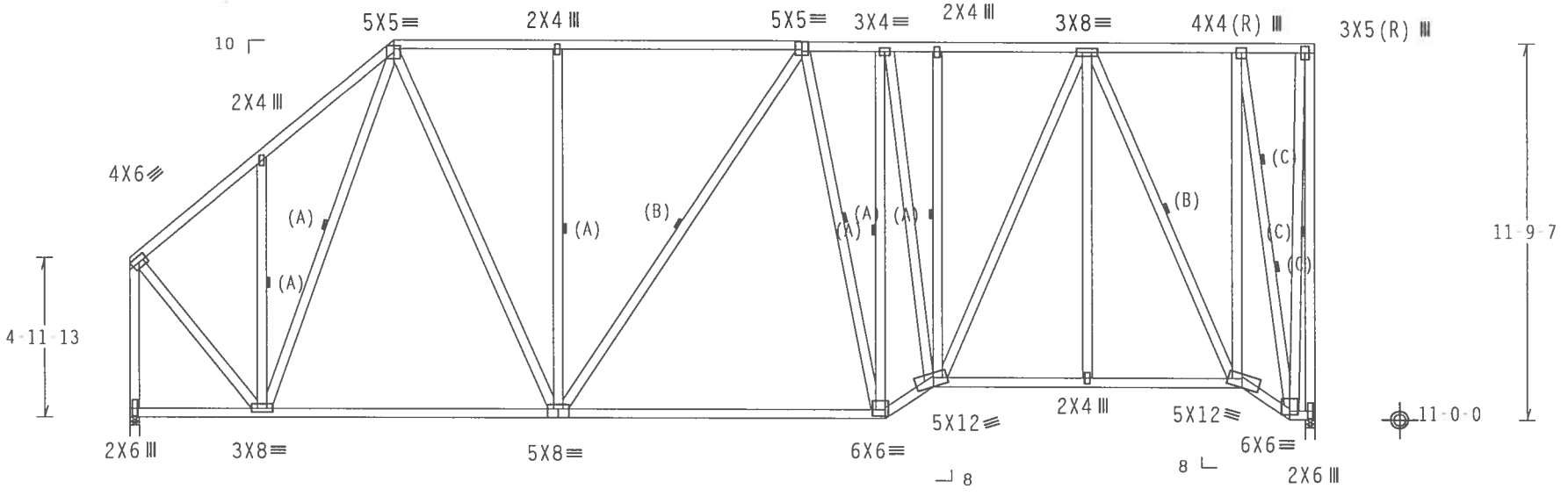
110 mph wind, 19.41 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

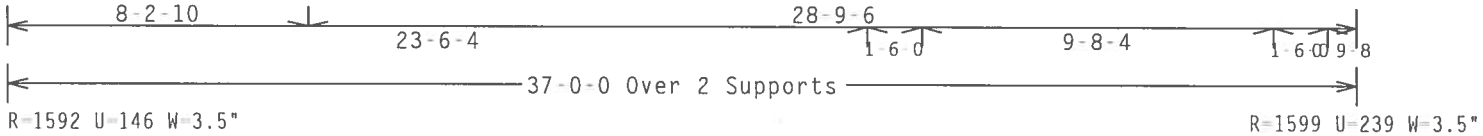
Wind reactions based on MWFRS pressures.

(B) Continuous lateral bracing equally spaced on member. Or 2x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

The overall height of this truss excluding overhang is 11-10-0.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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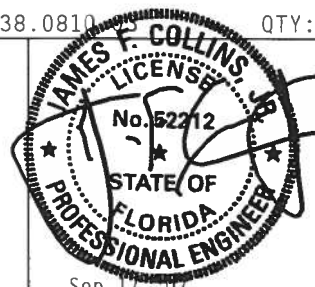


Sep 17 07

TC LL	20.0 PSF	REF R215-- 96175
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260036
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 198236
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883-/MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A34)

THIS BMD PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(C) Continuous lateral bracing equally spaced on member. Or 2x6 "T" brace. 80% length of web member. Same species & grade or better, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

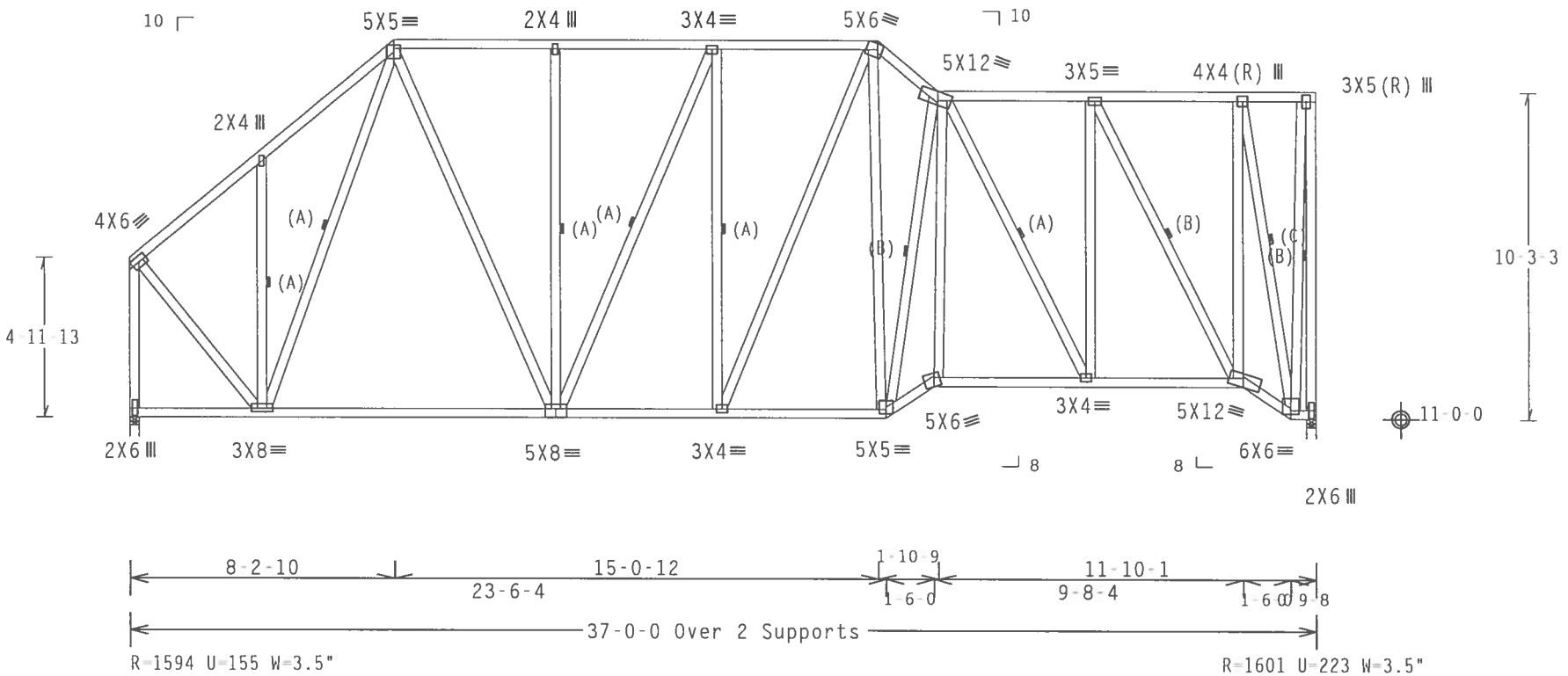
110 mph wind, 19.41 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(B) Continuous lateral bracing equally spaced on member. Or 2x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

The overall height of this truss excluding overhang is 11-10-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF R215-- 96176
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260037
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 198240
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A35)

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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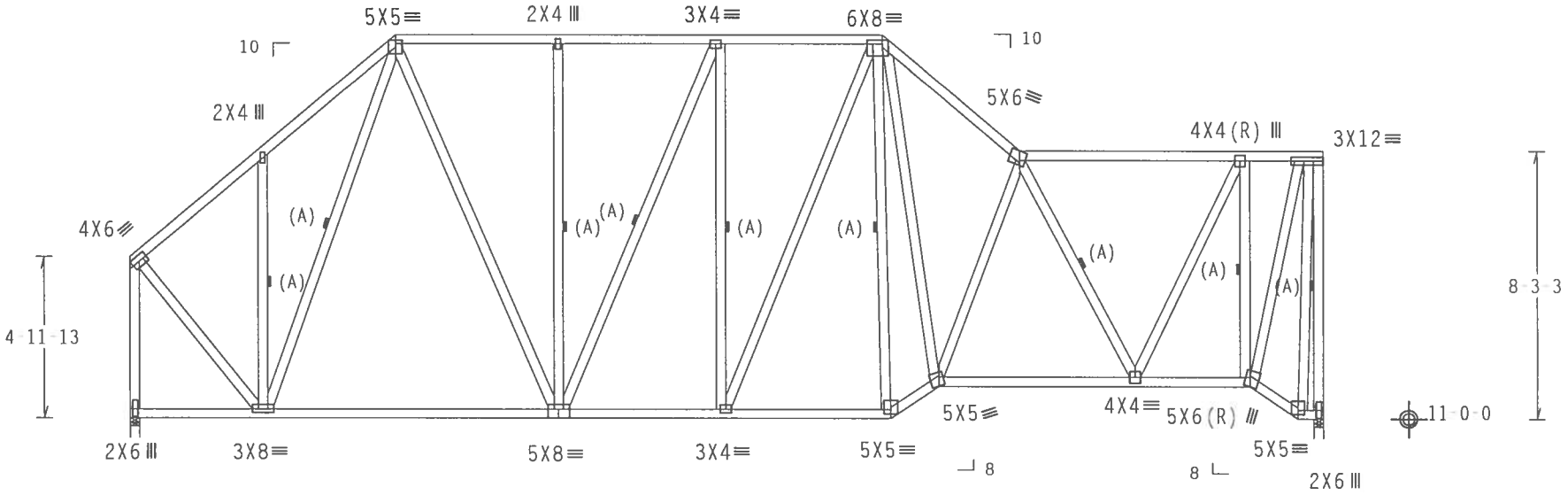
Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 11-10-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 07

TC LL	20.0 PSF	REF R215-- 96177
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260038
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 198245
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8-Country Lakes @ - A36)

Top chord 2x4 SP #2 N :T2 2x4 SP SS:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

End verticals not exposed to wind pressure.

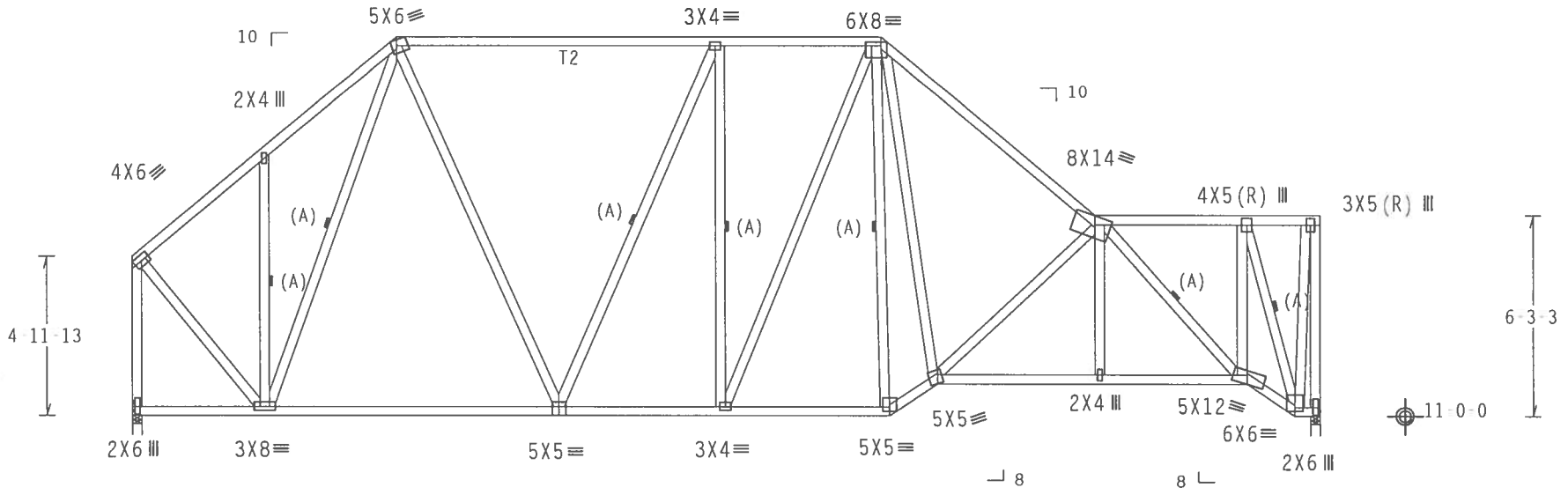
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

110 mph wind, 19.41 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.

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

The overall height of this truss excluding overhang is 11-10-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF	R215-- 96178
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260039
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN	198249
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A37)

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x4 SP #2 N :B1 2x6 SP #2 Dense:
Webs 2x4 SP #2 N
:Lt Wedge 2x6 SP #2 N:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 4.67
TC - From 66 PLF at 4.67 to 66 PLF at 10.67
TC - From 66 PLF at 10.67 to 66 PLF at 19.47
TC - From 66 PLF at 19.47 to 66 PLF at 29.03
TC - From 66 PLF at 29.03 to 66 PLF at 42.50
BC - From 20 PLF at 0.00 to 20 PLF at 42.50
PLT- 228 LB Conc. Load at (4.67,13.24)
PLB- 86 LB Conc. Load at (4.67,9.04)
PLB- 868 LB Conc. Load at (5.88,9.04)

Wind reactions based on MWFRS pressures.

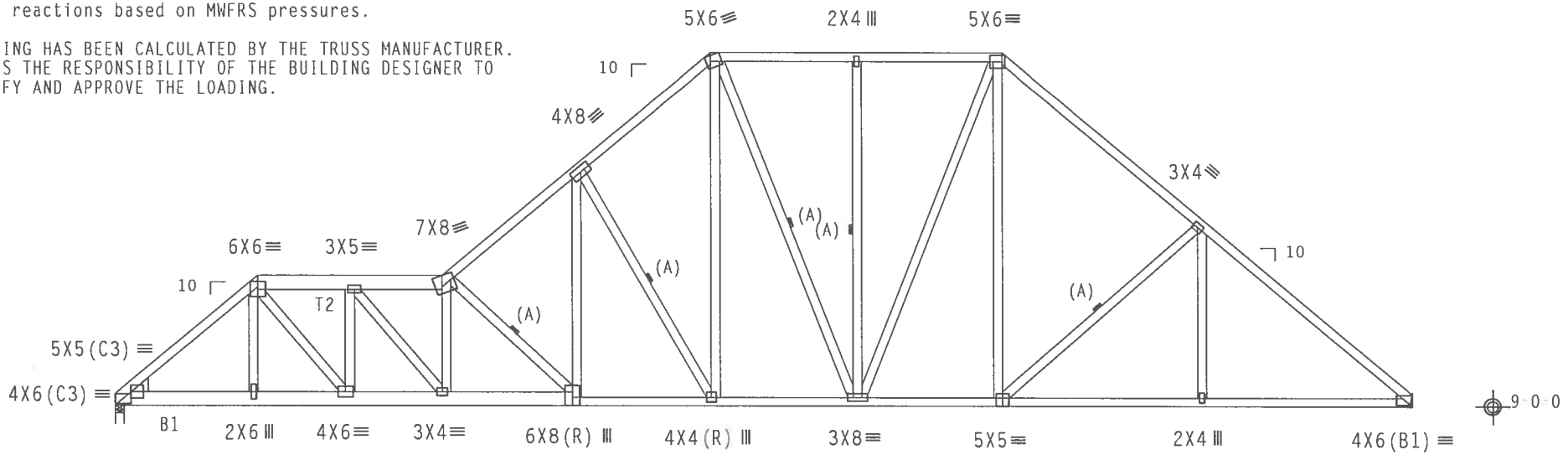
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

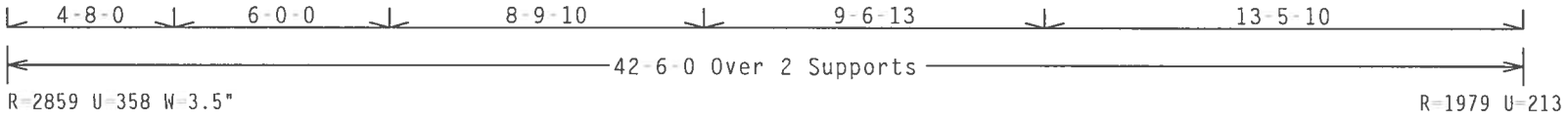
110 mph wind, 15.01 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

The overall height of this truss excluding overhang is 11-7-8.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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

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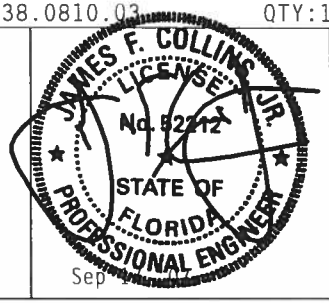


Sep

TC LL	20.0 PSF	REF	R215-- 96179
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260067
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198011
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A38)

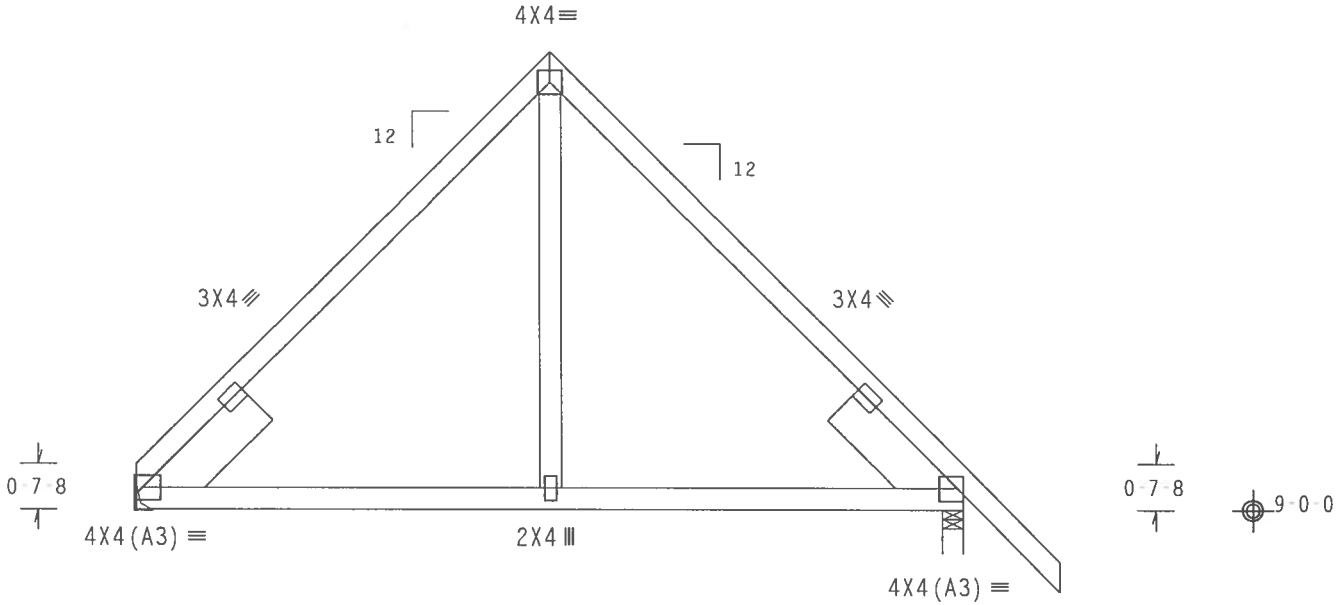
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.923'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.923'

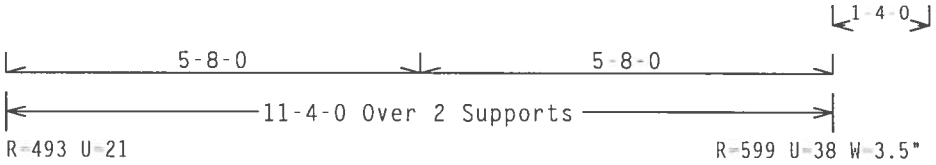
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 6-3-8.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:3 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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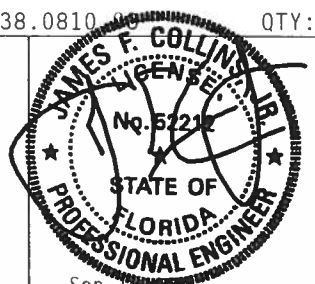


Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96180
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260040
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197866
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A39)

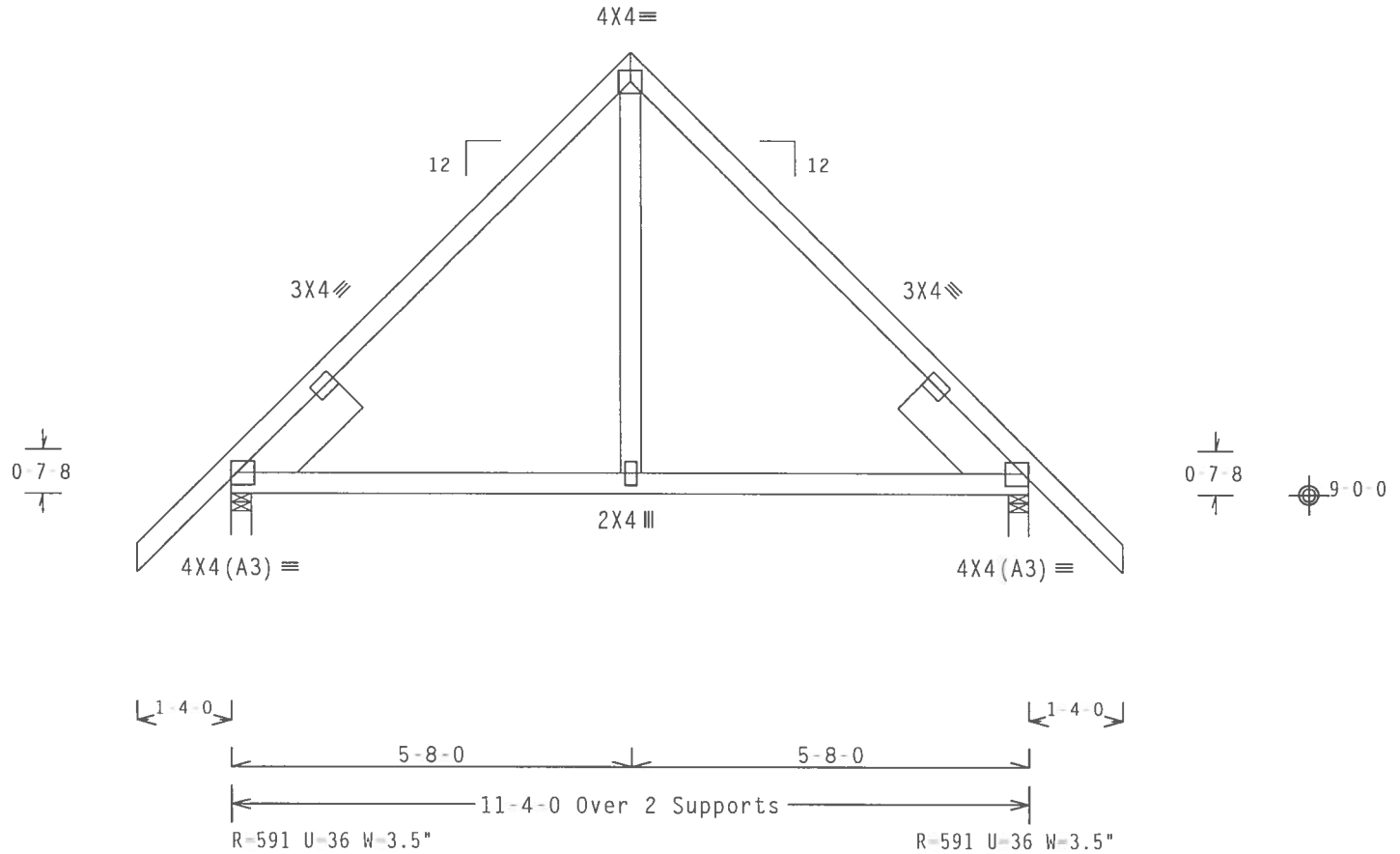
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.923'
:Rt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.923'

Deflection meets L/240 live and L/180 total 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 6-3-8.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96181
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260041
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197862
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

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

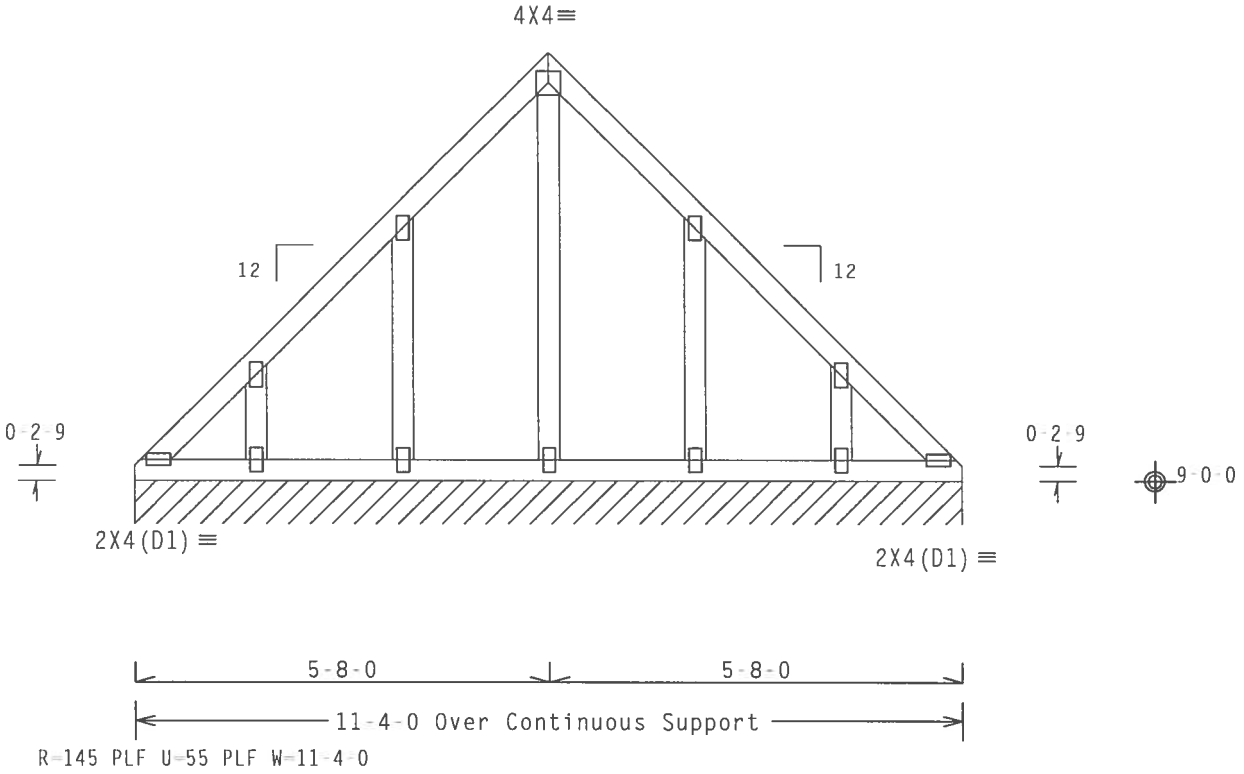
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 5-10-8.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.0 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17-07

TC LL	20.0 PSF	REF	R215-- 96182
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260042
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197859
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

(A) Continuous lateral bracing equally spaced on member.

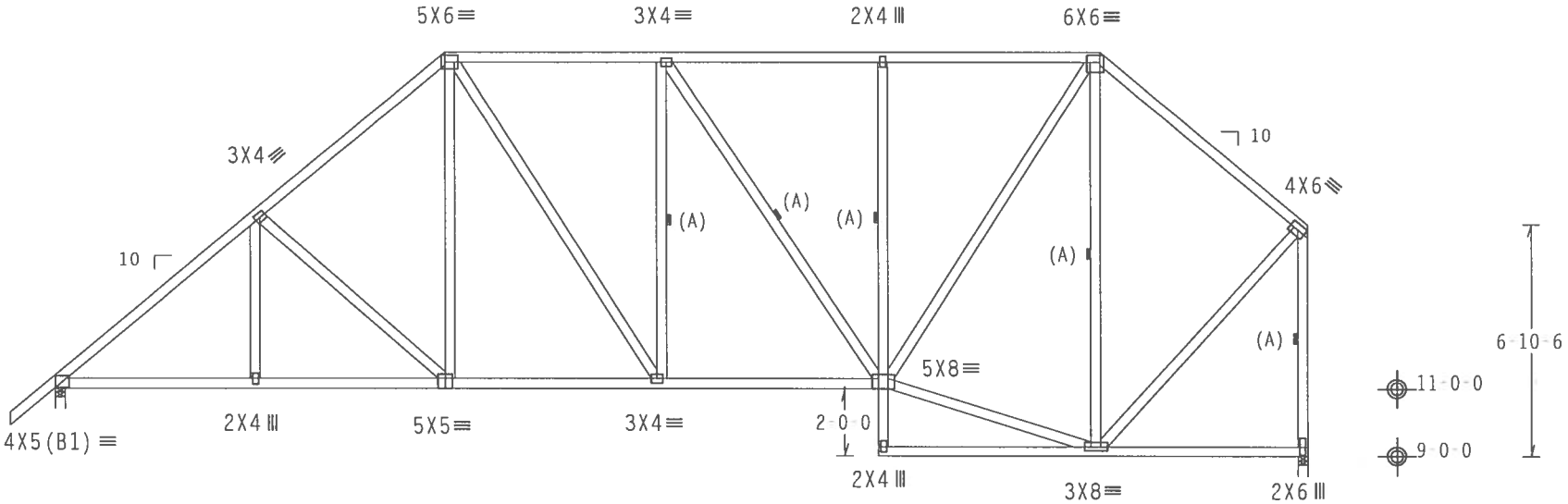
Deflection meets L/240 live and L/180 total load.

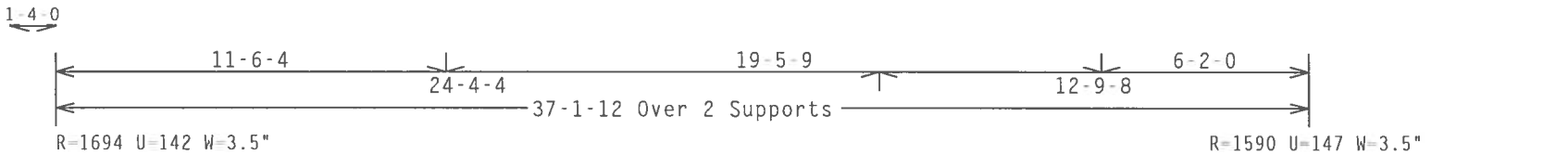
The overall height of this truss excluding overhang is 10-0-0.

110 mph wind, 15.64 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.

Right end vertical not exposed to wind pressure.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:3 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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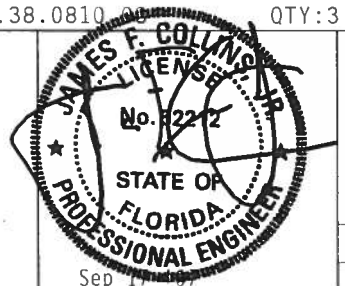


Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96183
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260043
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198109
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A42)

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

End verticals not exposed to wind pressure.

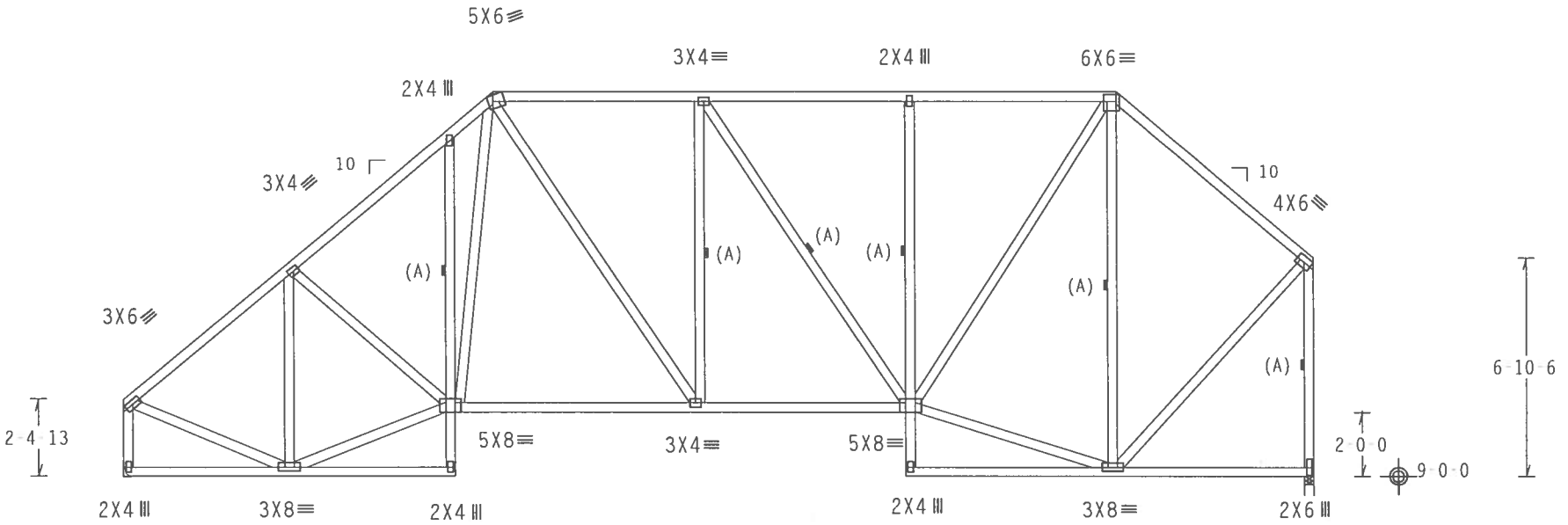
(A) Continuous lateral bracing equally spaced on member.

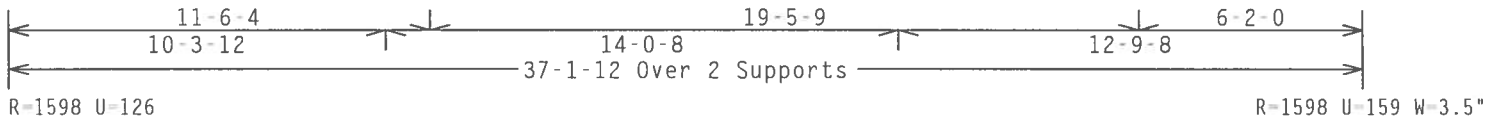
The overall height of this truss excluding overhang is 12-0-0.

110 mph wind, 16.20 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.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96184
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260068
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198103
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A43)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W8, W10, W12 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

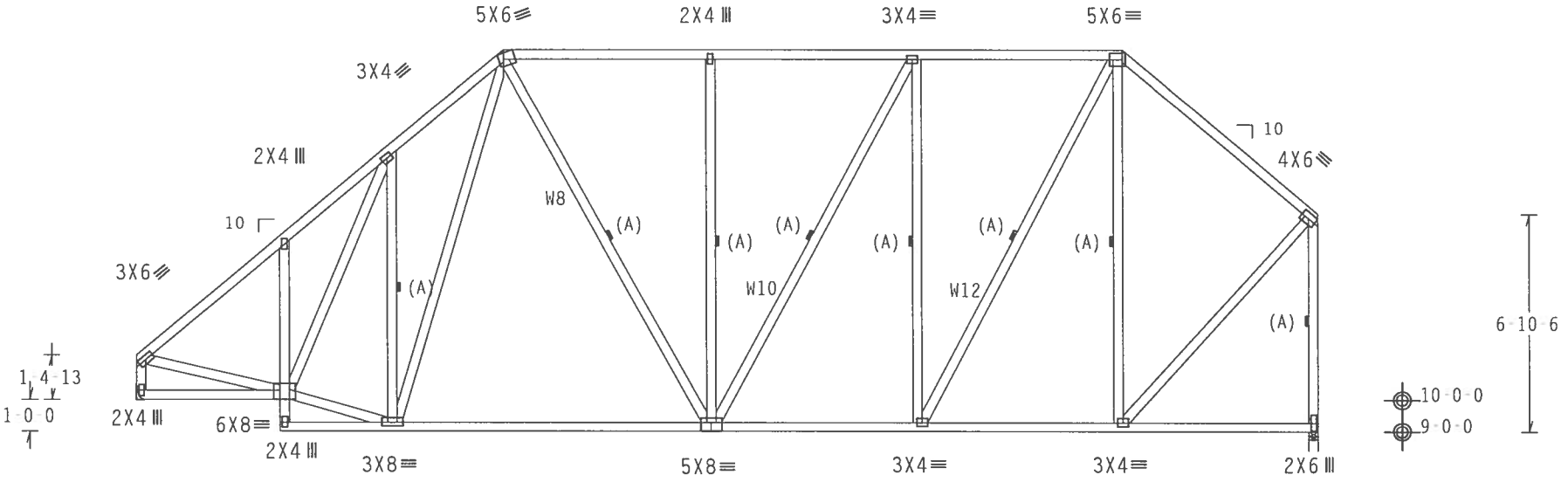
Deflection meets L/240 live and L/180 total load.

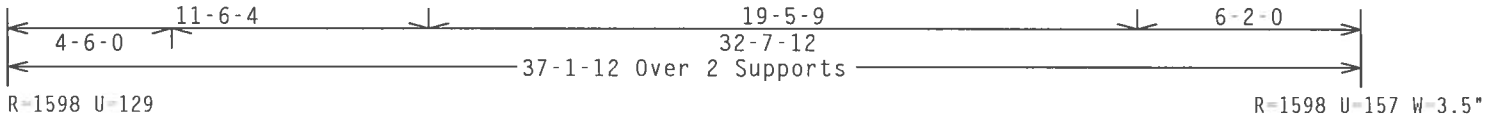
110 mph wind, 16.20 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 11-0-0.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810_03 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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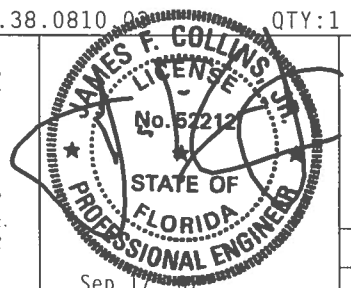


Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96185
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260069
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198096
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W7, W11, W13 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(B) Continuous lateral bracing equally spaced on member. Or 2x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

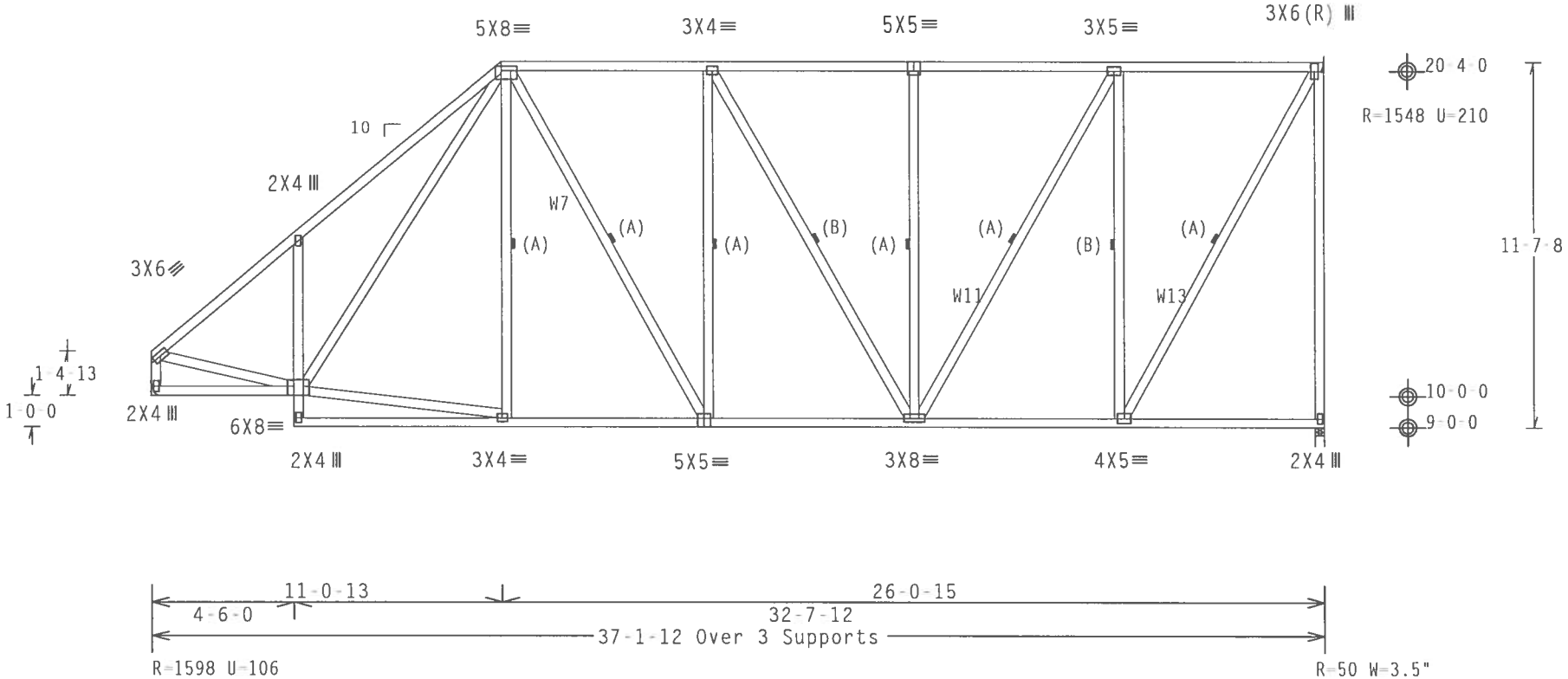
110 mph wind, 16.01 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 10-7-8.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17,07

TC LL	20.0 PSF	REF R215-- 96186
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260103
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 198075
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A45)

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

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(B) Continuous lateral bracing equally spaced on member. Or 2x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

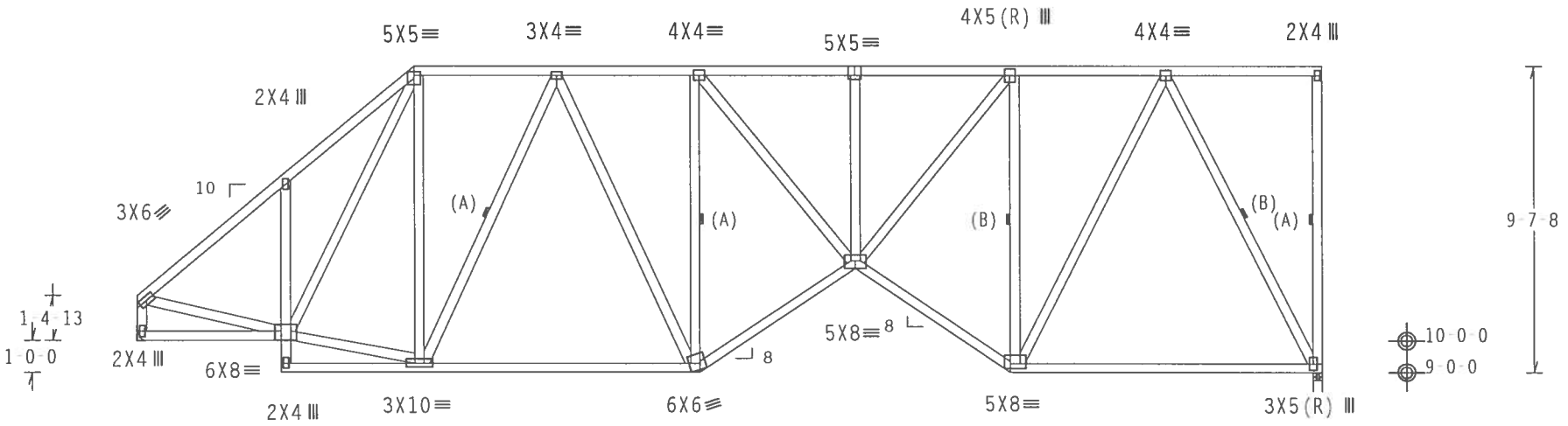
110 mph wind, 15.01 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

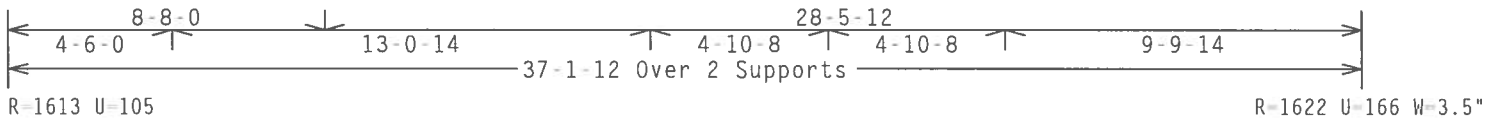
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 8-7-8.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96187
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260070
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198069
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - A46)

Top chord 2x6 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 37.15
BC - From 20 PLF at 0.00 to 20 PLF at 4.50
BC - From 20 PLF at 4.50 to 20 PLF at 17.57
BC - From 24 PLF at 17.57 to 24 PLF at 22.45
BC - From 24 PLF at 22.45 to 24 PLF at 27.32
BC - From 20 PLF at 27.32 to 20 PLF at 37.15
PLT - 143 LB Conc. Load at (1.81,16.58), (3.81,16.58)
PLT - 201 LB Conc. Load at (5.81,16.58), (7.81,16.58), (9.81,16.58)
(11.81,16.58), (13.81,16.58), (15.81,16.58), (29.21,16.58), (31.21,16.58)
(33.21,16.58), (35.21,16.58)
PLB - 149 LB Conc. Load at (1.81,10.04), (3.81,10.04)
PLB - 90 LB Conc. Load at (5.81,9.04), (7.81,9.04), (9.81,9.04)
(11.81,9.04), (13.81,9.04), (15.81,9.04), (29.21,9.04), (31.21,9.04)
(33.21,9.04), (35.21,9.04)
PLB - 1217 LB Conc. Load at (17.16,9.04), (27.74,9.04)

The overall height of this truss excluding overhang is 6-7-8.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 16.62 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

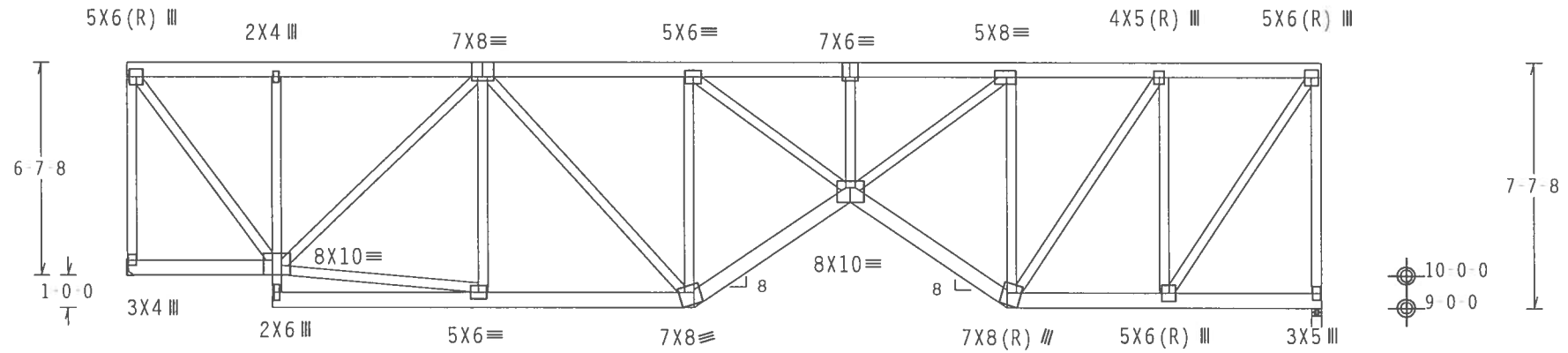
Wind reactions based on MWFRS pressures.

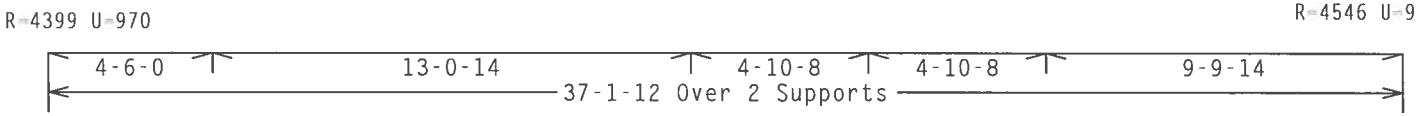
End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.25" DL: 0.26" recommended camber 1/2"

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

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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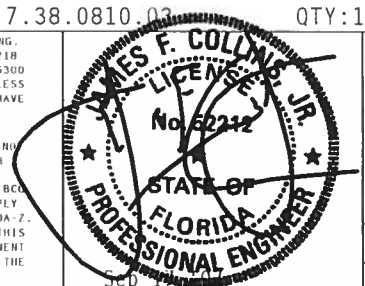


TC LL	20.0 PSF	REF	R215-- 96188
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260099
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN	198063
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TAU215_Z02

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

End verticals not exposed to wind pressure.

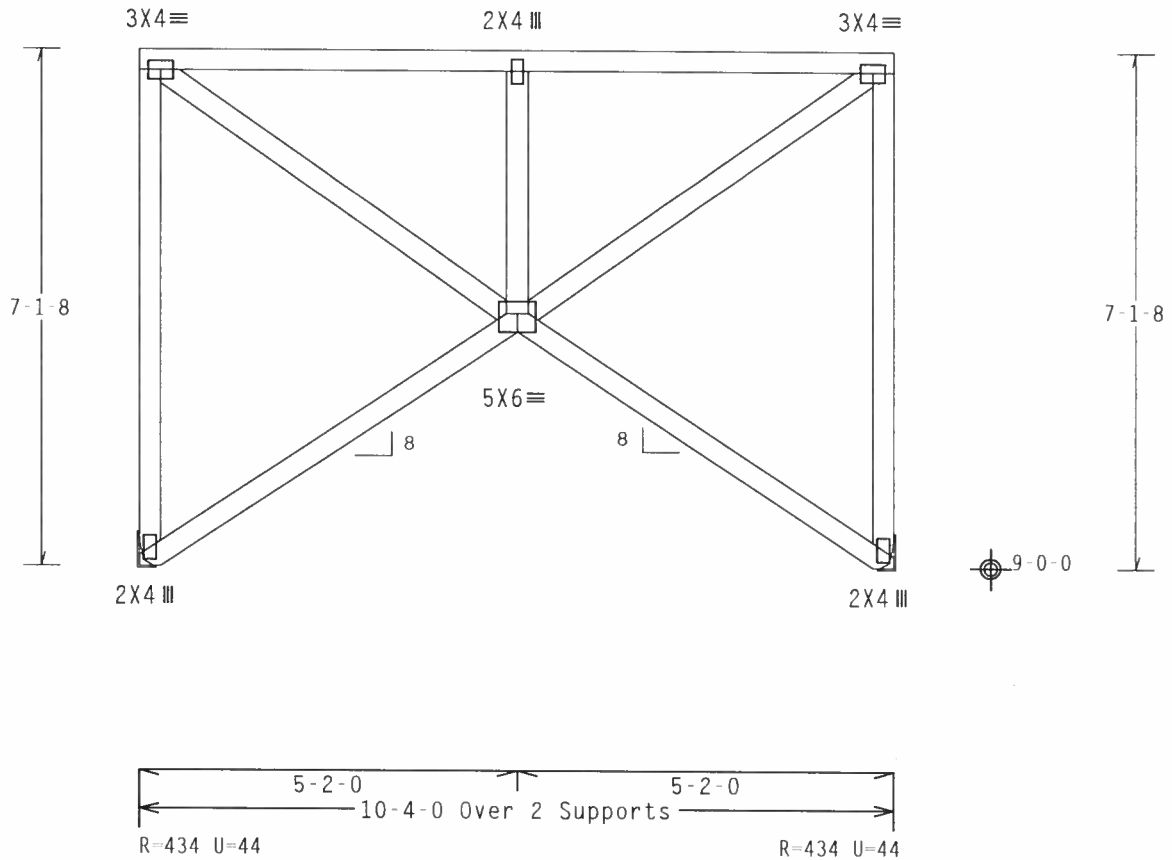
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 7-1-8.

110 mph wind, 16.12 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

Wind reactions based on MWFRS pressures.

Provide for complete drainage of roof.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

PLT TYP. Wave

QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96189
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260044
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197977
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

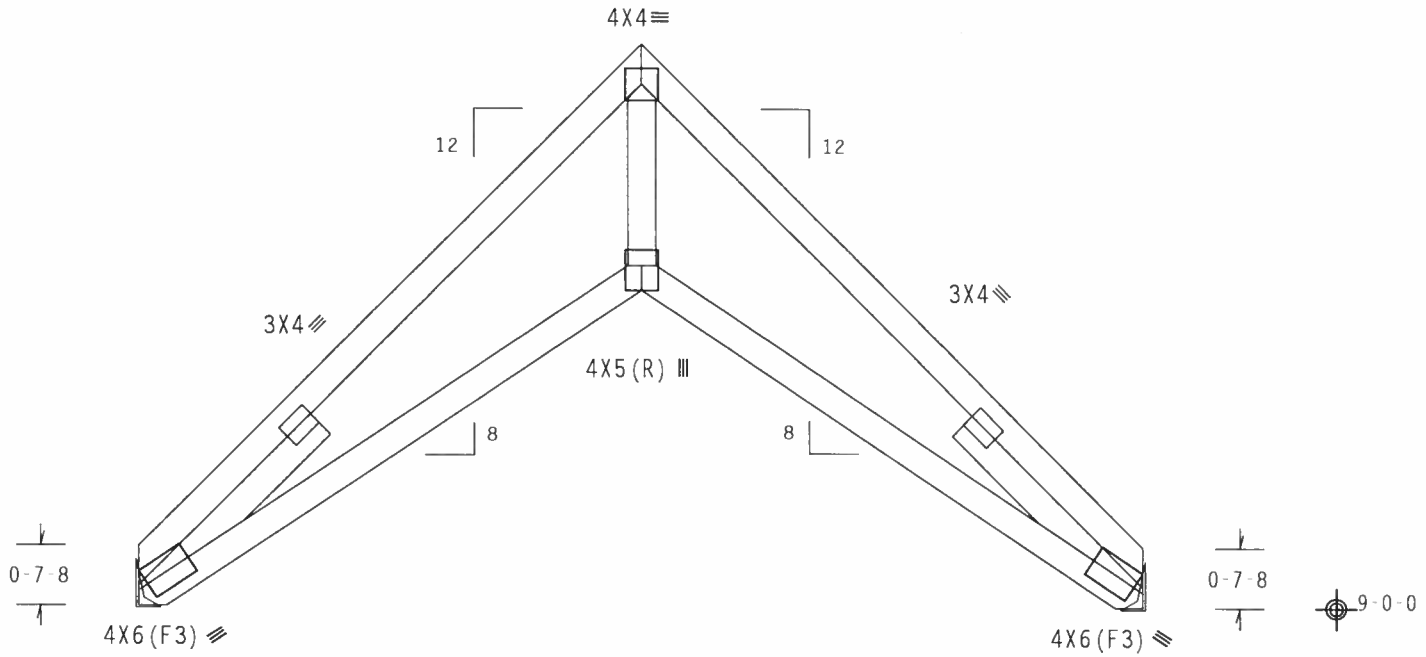
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.534'
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.534'

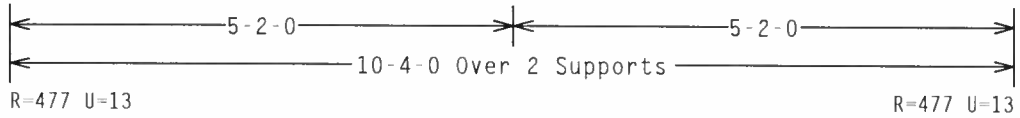
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5-9-8.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:3 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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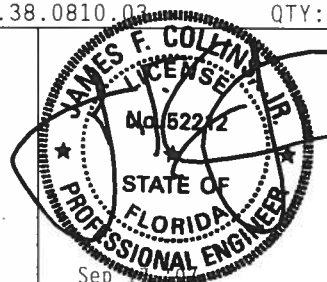


Sep

TC LL	20.0 PSF	REF R215-- 96190
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260071
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 197970
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

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

Gable end supports 8" max rake overhang.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 5-4-8.

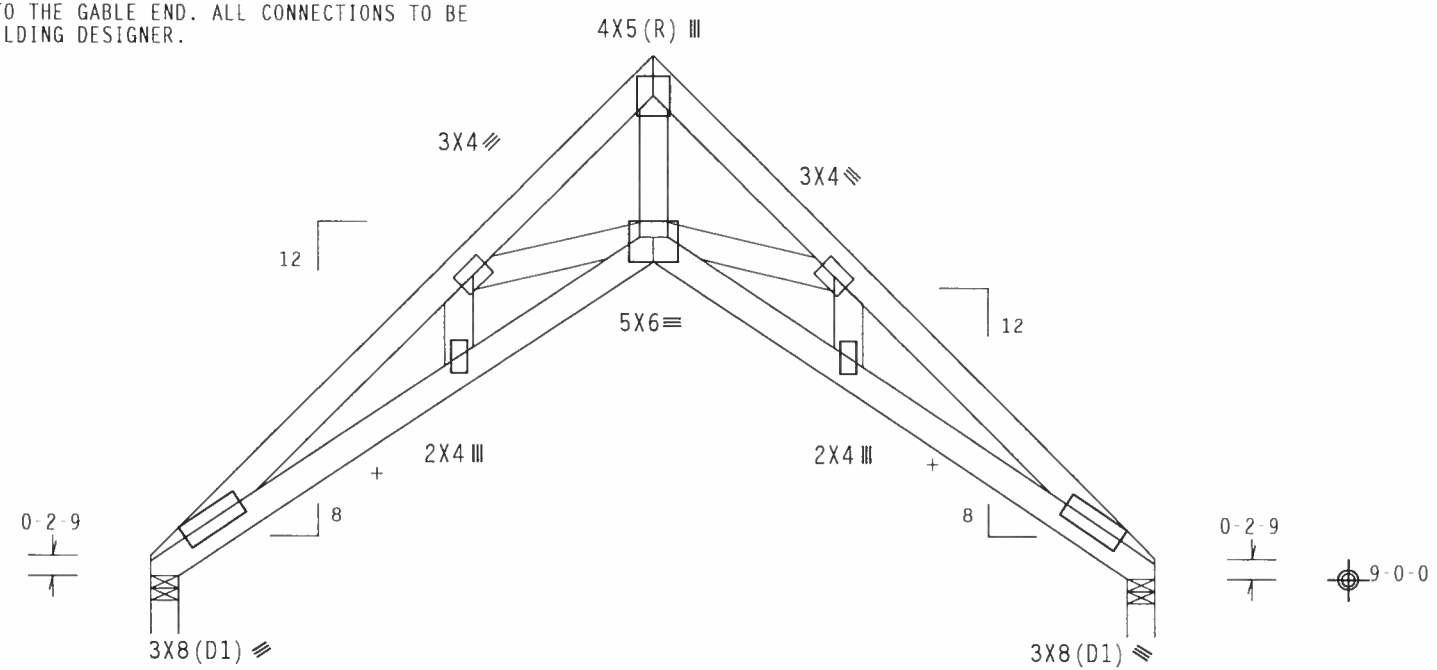
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

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

Wind reactions based on MWFRS pressures.

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

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS LICENSED No. 52712 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF	R215-- 96191
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260072
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197965
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JC1)

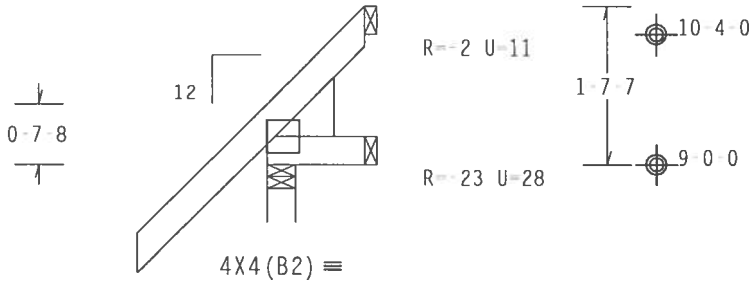
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Wedge 2x8 SP #2 N:

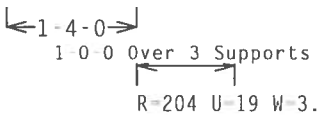
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 1-7-8.

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 03 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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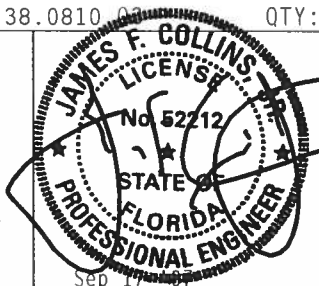


Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96192
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260073
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197954
DUR.FAC.	1.25	FROM	COM
SPACING	24.0"	JREF-	1TAU215_Z02

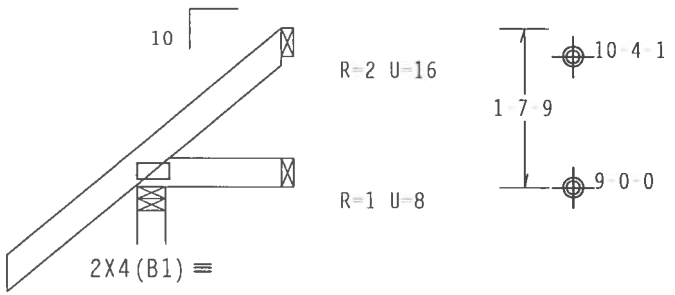
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

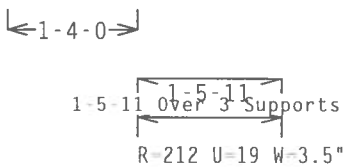
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 1-7-9.

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.0 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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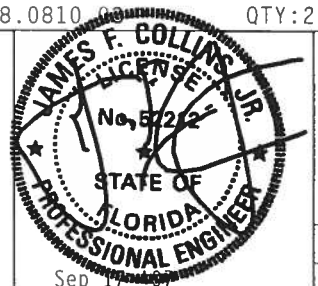


Sep 17,2007

TC LL	20.0 PSF	REF	R215-- 96193
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260045
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198027
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

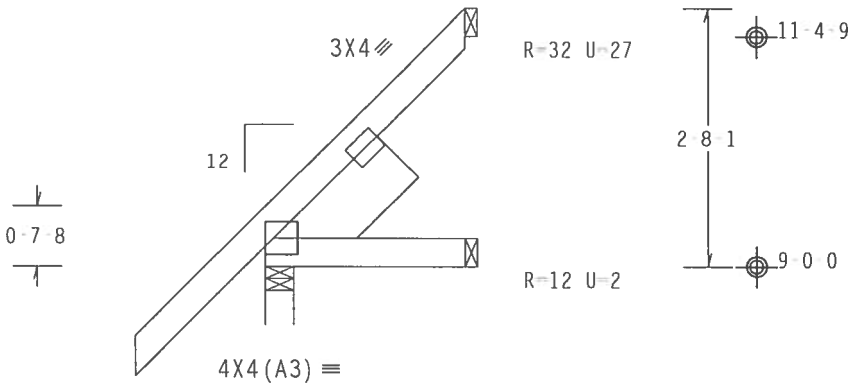
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'

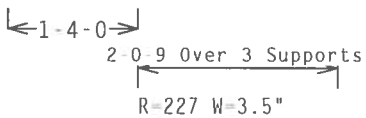
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2-8-1.

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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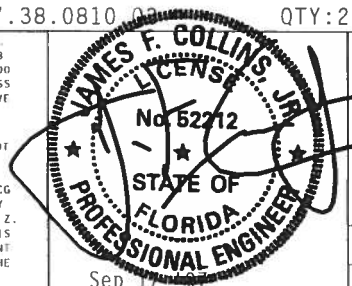


Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96194
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260046
BC LL	0.0 PSF		HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198037
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JC3)

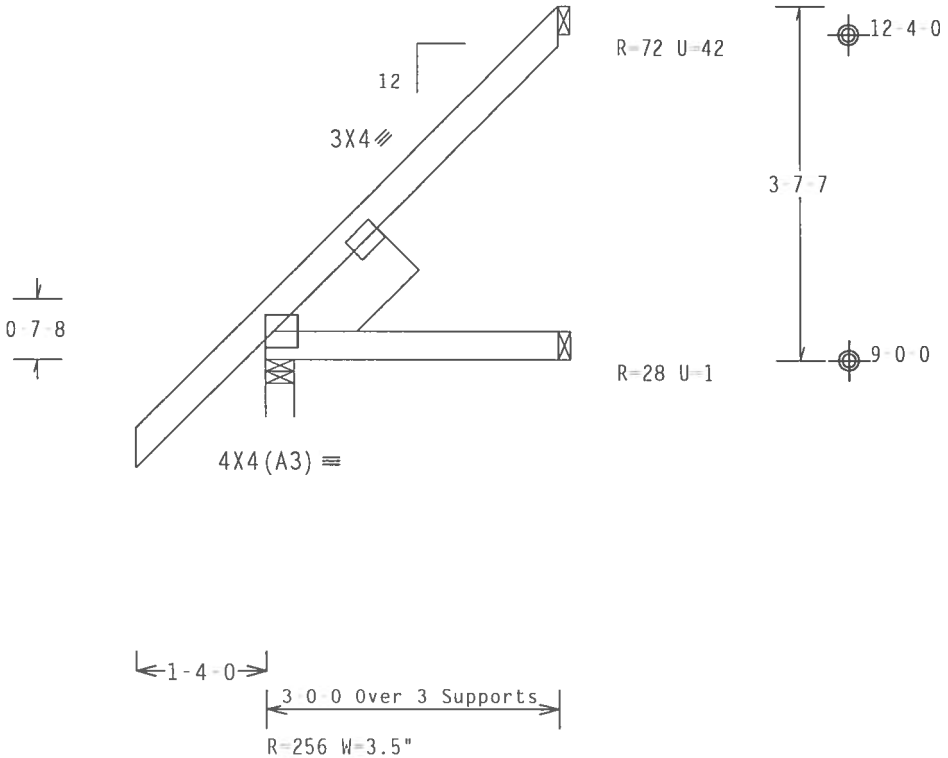
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'

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

The overall height of this truss excluding overhang is 3-7-8.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:2 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17,2007

TC LL	20.0 PSF	REF	R215-- 96195
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260047
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197957
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

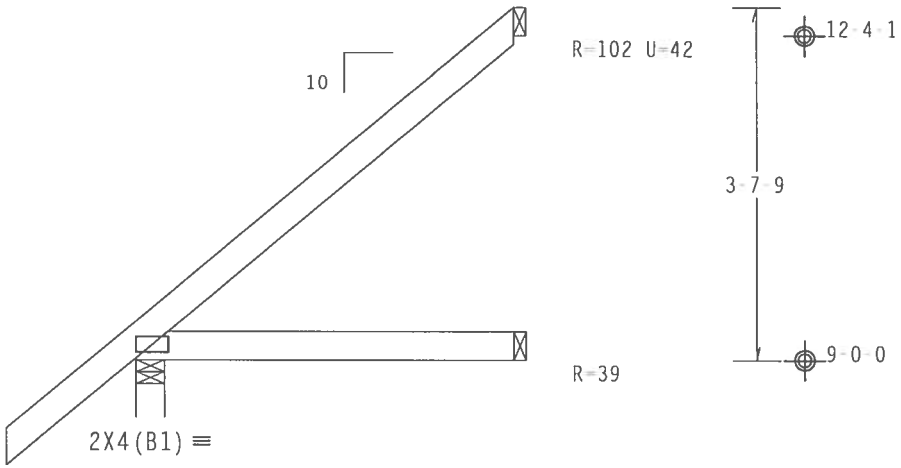
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

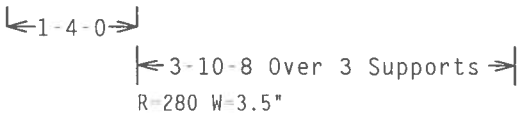
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-7-9.

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:2 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep

TC LL	20.0 PSF	REF	R215-- 96196
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260048
BC LL	0.0 PSF		HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198030
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JC4A)

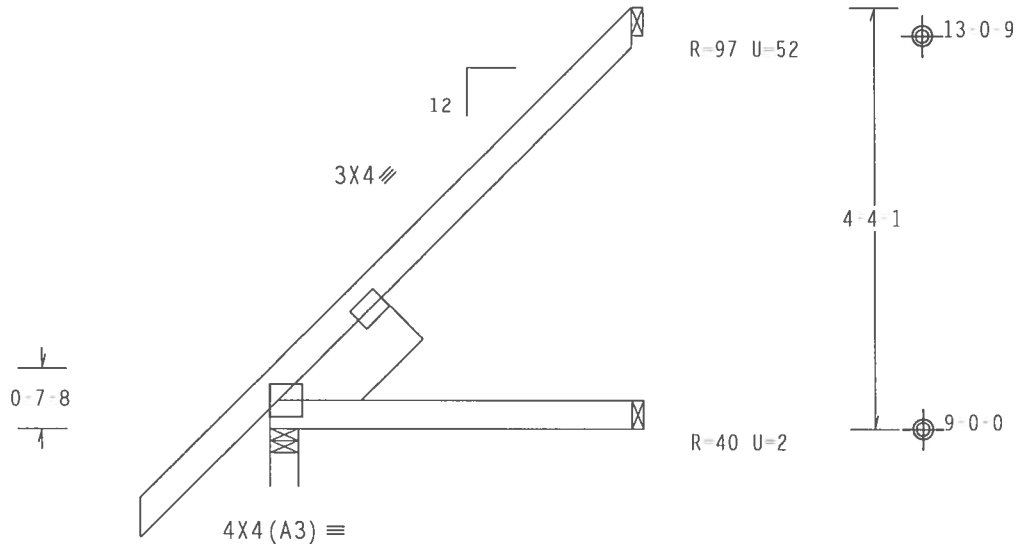
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'

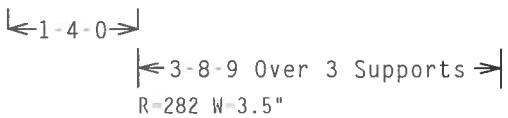
Deflection meets L/240 live and L/180 total load.

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

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 P3 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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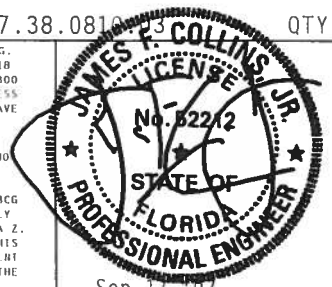


Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96197
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260049
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN	198040
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TAU215_Z02

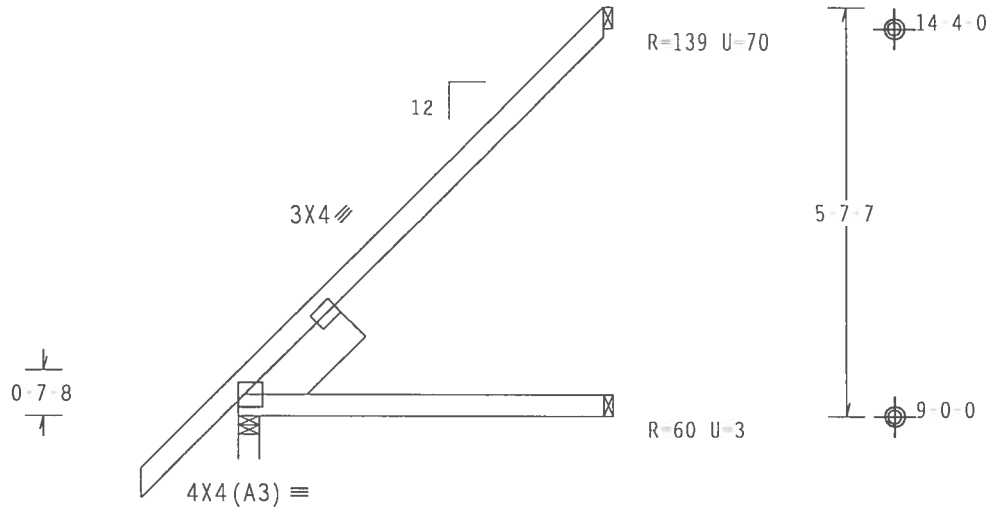
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.739'

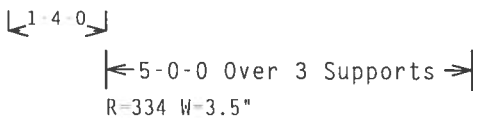
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5-7-8.

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.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:2 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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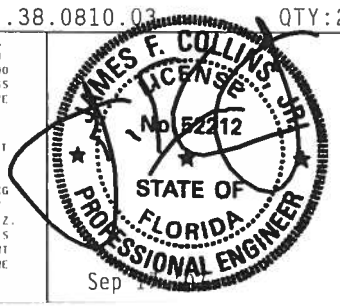


Sep

TC LL	20.0 PSF	REF	R215-- 96198
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260050
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	197960
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JC5A)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

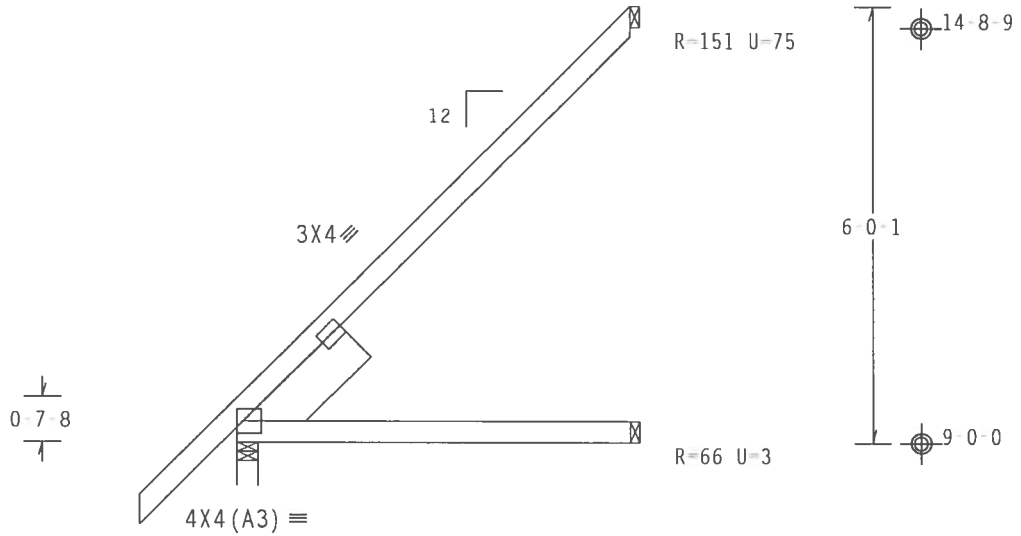
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.874'

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

The overall height of this truss excluding overhang is 6-0-1.

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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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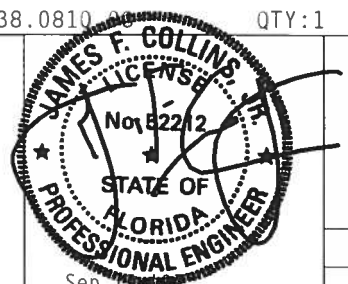


Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96199
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260051
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198043
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

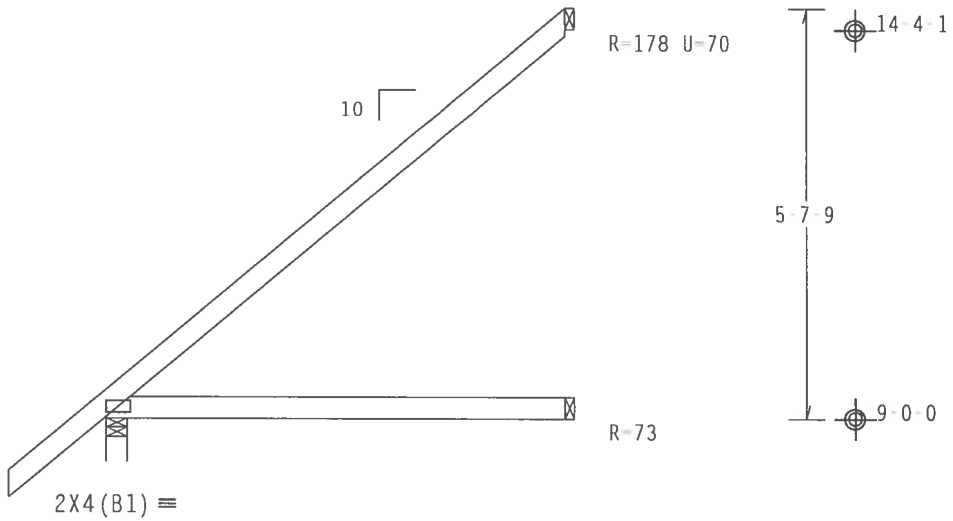
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 5-7-9.

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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE

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Haines City, FL 33844
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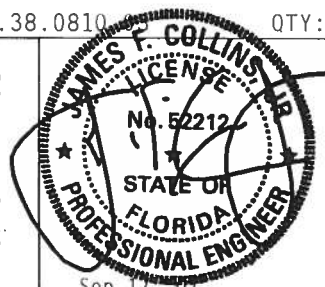


Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96200
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260052
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198034
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JE4)

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 68 PLF at 0.00 to 68 PLF at 3.67
BC - From 20 PLF at 0.00 to 20 PLF at 3.67
BC - 1570 LB Conc. Load at 1.73

Wind reactions based on MWFRS pressures.

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

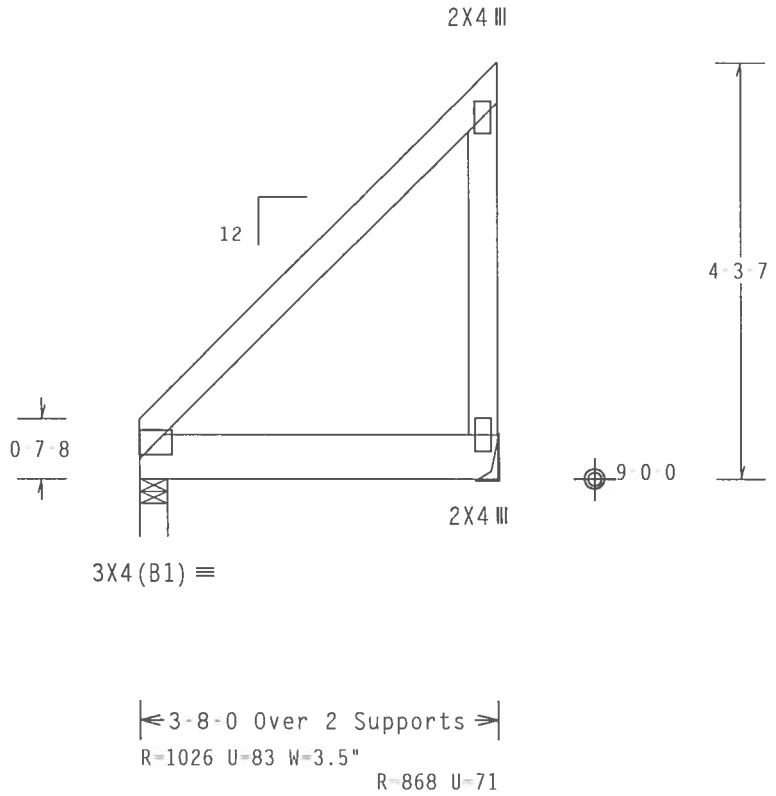
The overall height of this truss excluding overhang is 4-3-8.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

Right end vertical not exposed to wind pressure.



3-8-0 Over 2 Supports
R=1026 U=83 W=3.5"
R=868 U=71

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep

TC LL	20.0 PSF	REF	R215-- 96201
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260100
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197995
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JE4A)

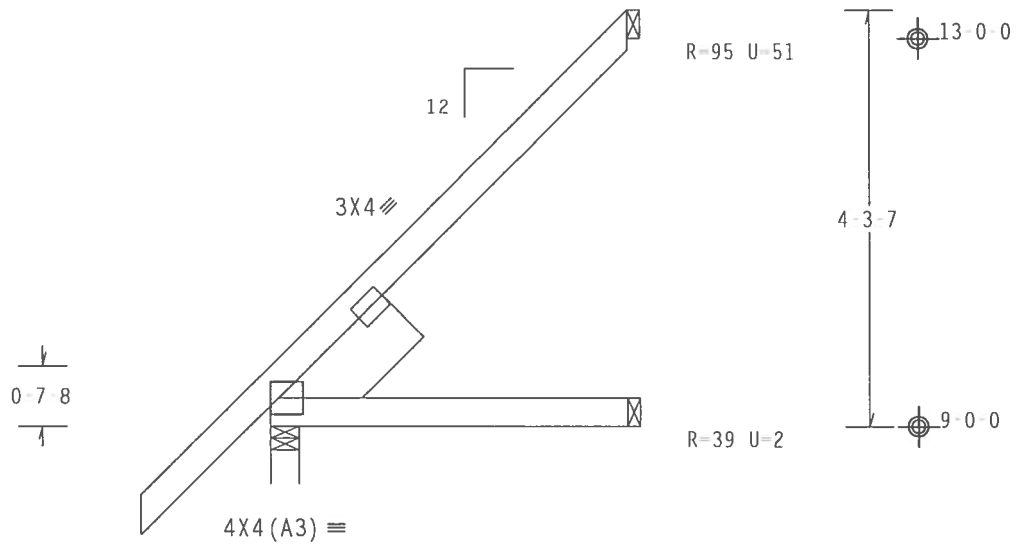
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'

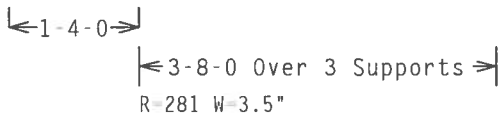
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4 3 8.

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

Wind reactions based on MWFRS pressures.





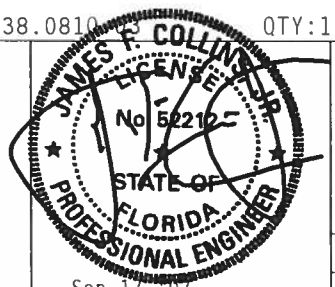
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96202
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260053
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198002
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883-/MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JE6)

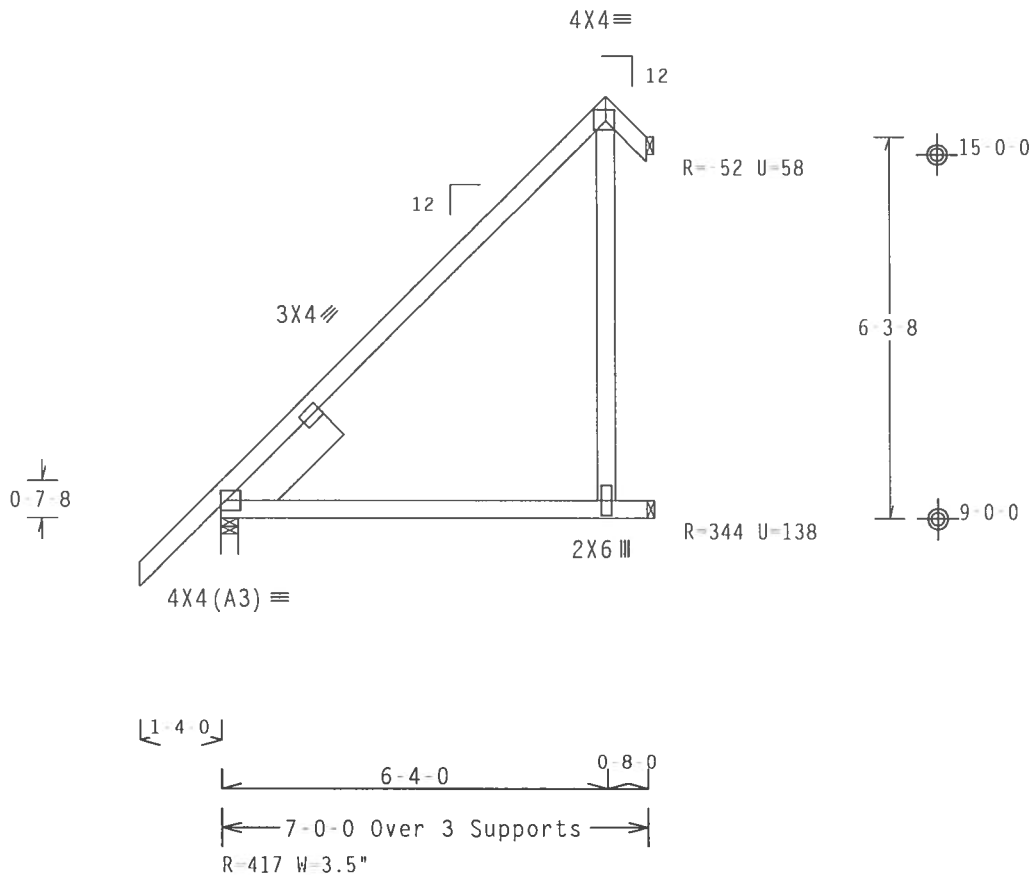
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 2.159'

Deflection meets L/240 live and L/180 total 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 6-11-8.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.0 | QTY:4 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52217 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96203
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260054
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198083
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 2.446'

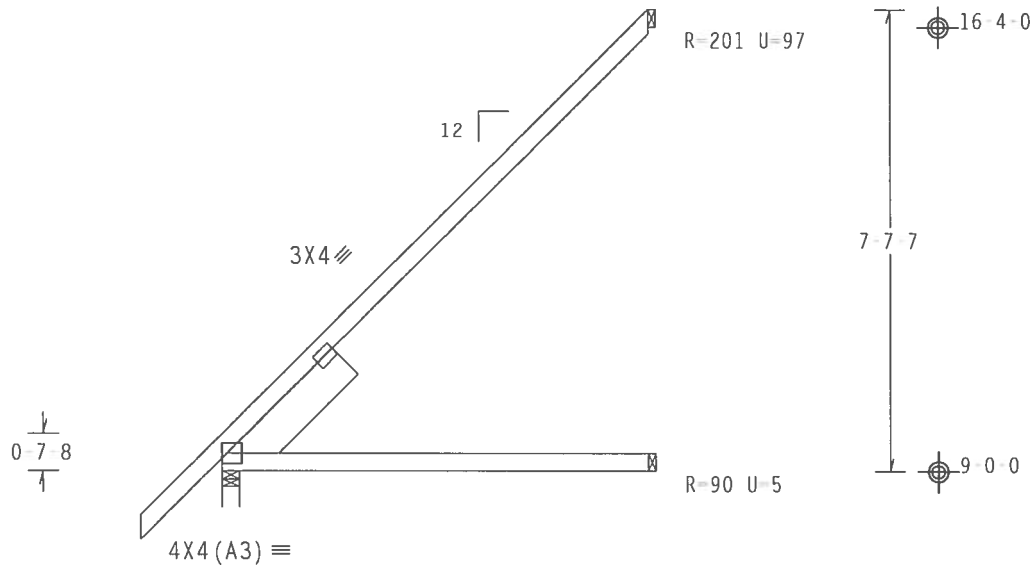
Calculated horizontal deflection is 0.15" due to live load and 0.17" due to dead load.

The overall height of this truss excluding overhang is 7-7-8.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:23 FL/-/5/-/-/R/- | Scale =.3125"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52242 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF	R215-- 96204
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260055
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198052
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 68 PLF at 0.00 to 68 PLF at 7.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.00
PLB- 493 LB Conc. Load at (1.56,9.04), (3.56,9.04), (5.56,9.04)

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 7-7-8.

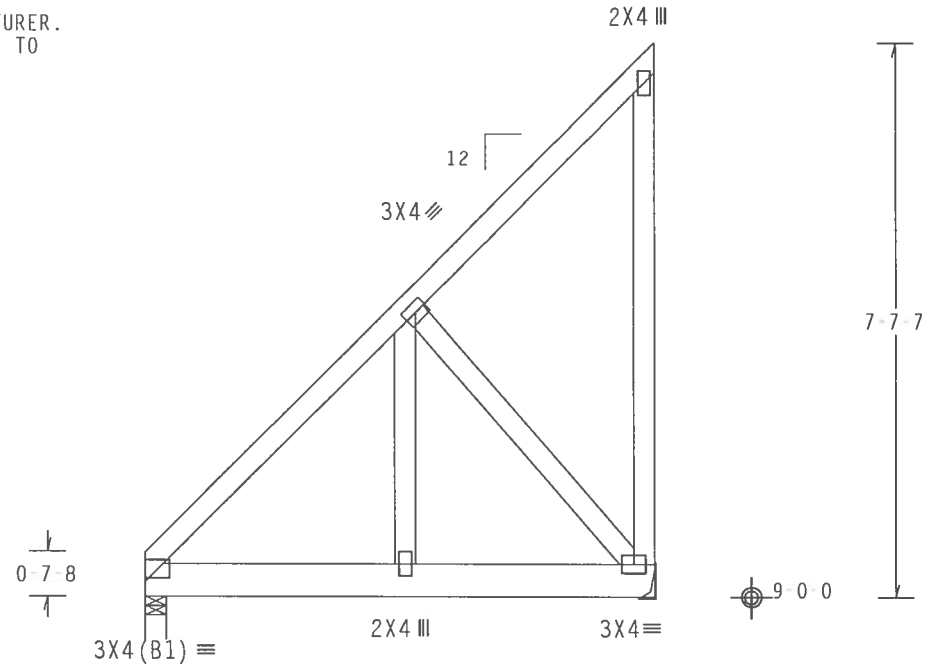
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.



R=1053 U=63 W=3.5" R=1042 U=62

7-0-0 Over 2 Supports

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96205
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260074
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197872
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JE7B)

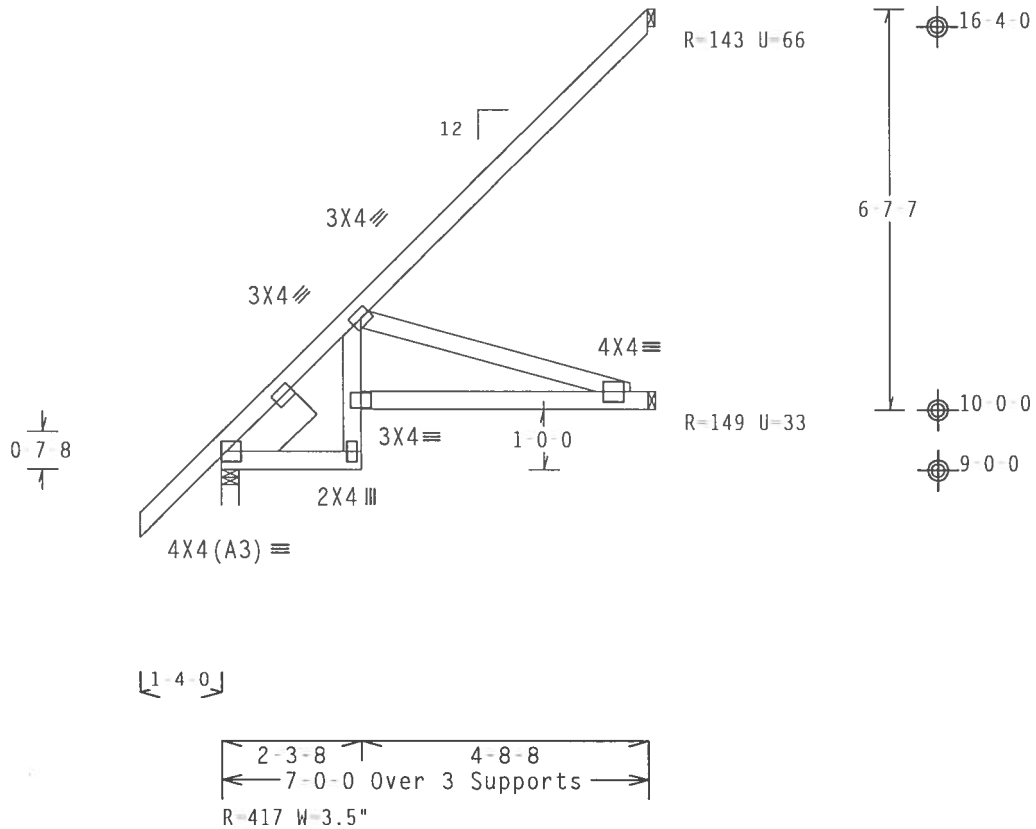
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.500'

Deflection meets L/240 live and L/180 total 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 7'7"8.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:2 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

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

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JAMES F. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep

TC LL	20.0 PSF	REF	R215-- 96206
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260056
BC LL	0.0 PSF		HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	198055
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION - Lot 8 Country Lakes @ - JE7C)

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 68 PLF at 0.00 to 68 PLF at 7.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.00
BC - 477 LB Conc. Load at 0.56, 2.56, 4.56
BC - 434 LB Conc. Load at 6.56

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 7-7-8.

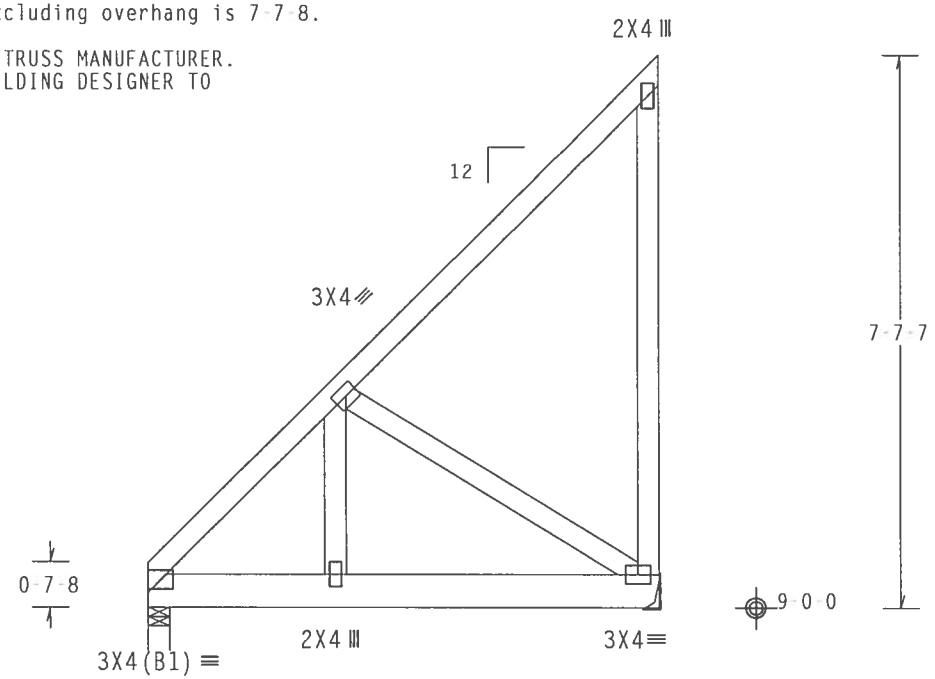
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 5.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.



R=1266 U=57 W=3.5" R=1217 U=83

7-0-0 Over 2 Supports

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:2 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96207
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260075
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198058
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JH6)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.887'

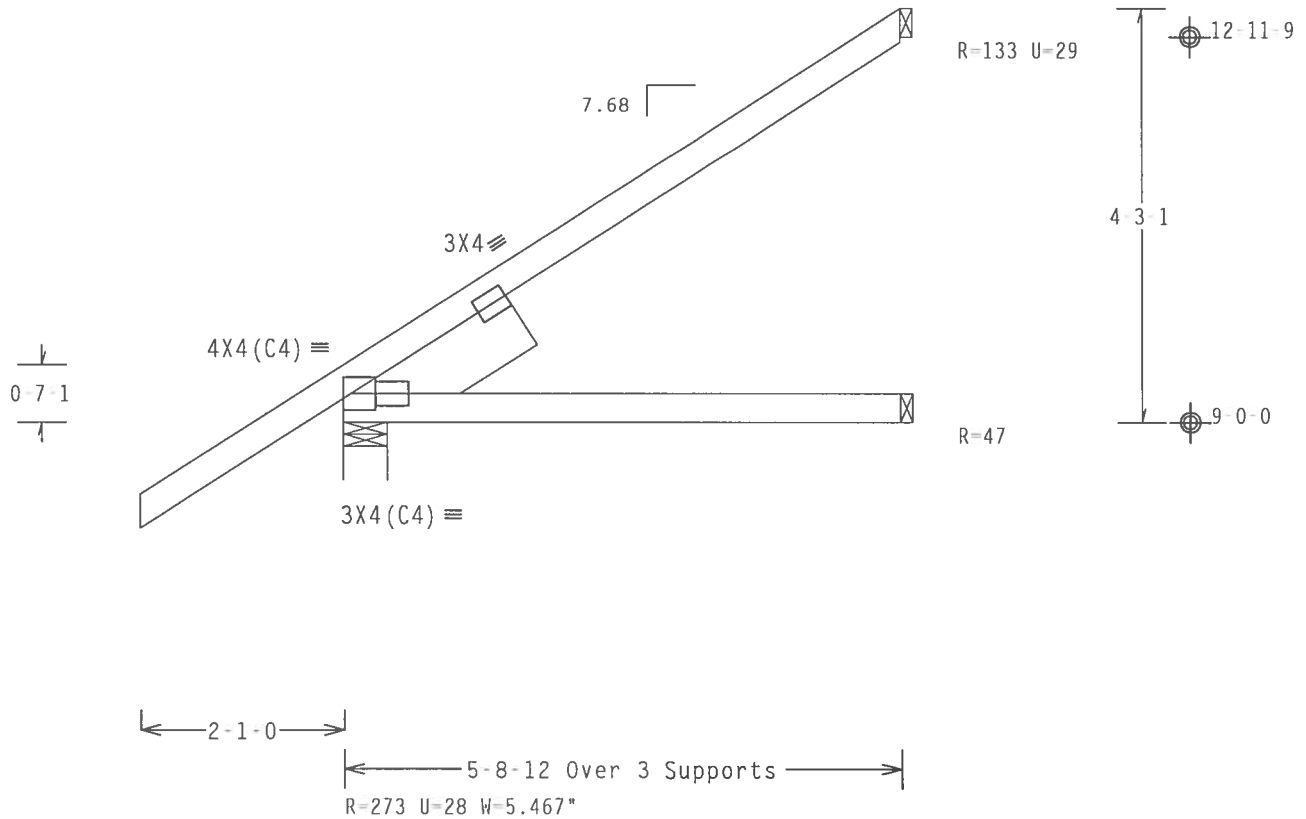
Hipjack supports 4-0-10 setback jacks with no webs.

Deflection meets L/240 live and L/180 total 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-3-1.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF R215-- 96208
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260076
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 197999
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - JH10)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.709'

Hipjack supports 7-0-0 setback jacks with no webs.

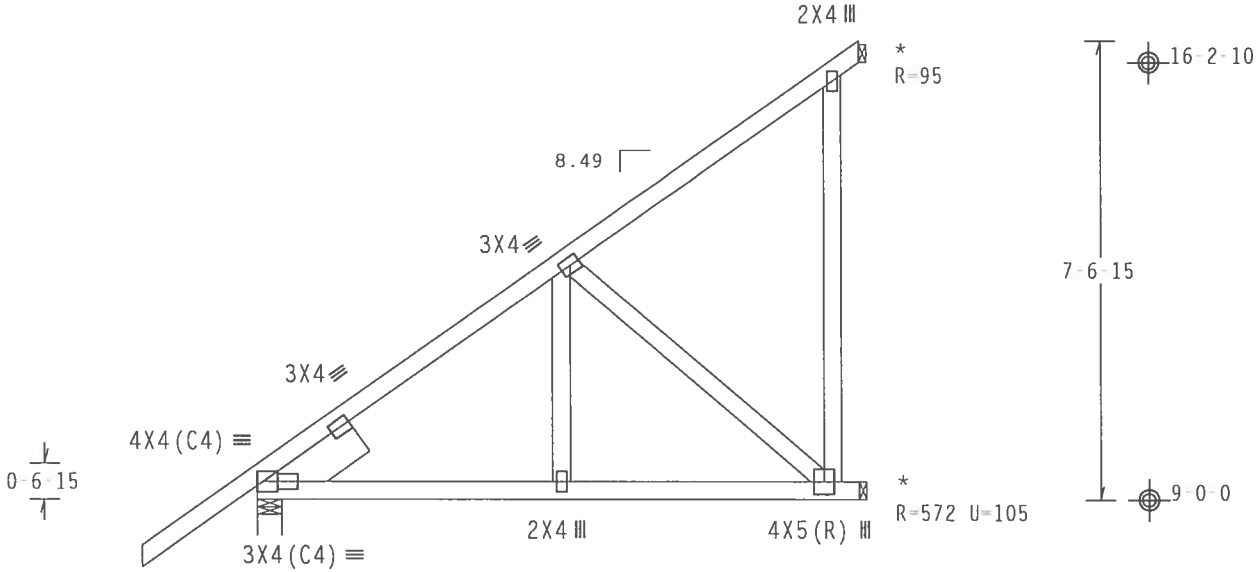
The overall height of this truss excluding overhang is 7 6 15.

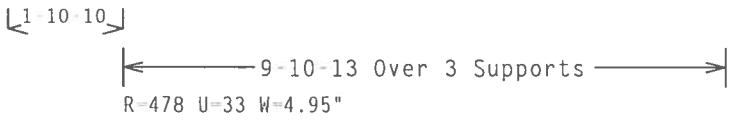
* Toenail allowed based on average reaction.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17,2007

TC LL	20.0 PSF	REF	R215-- 96209
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260077
BC LL	0.0 PSF		HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197951
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x8 SP #2 N: BLOCK LENGTH = 1.887'

Hipjack supports 7-8-12 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

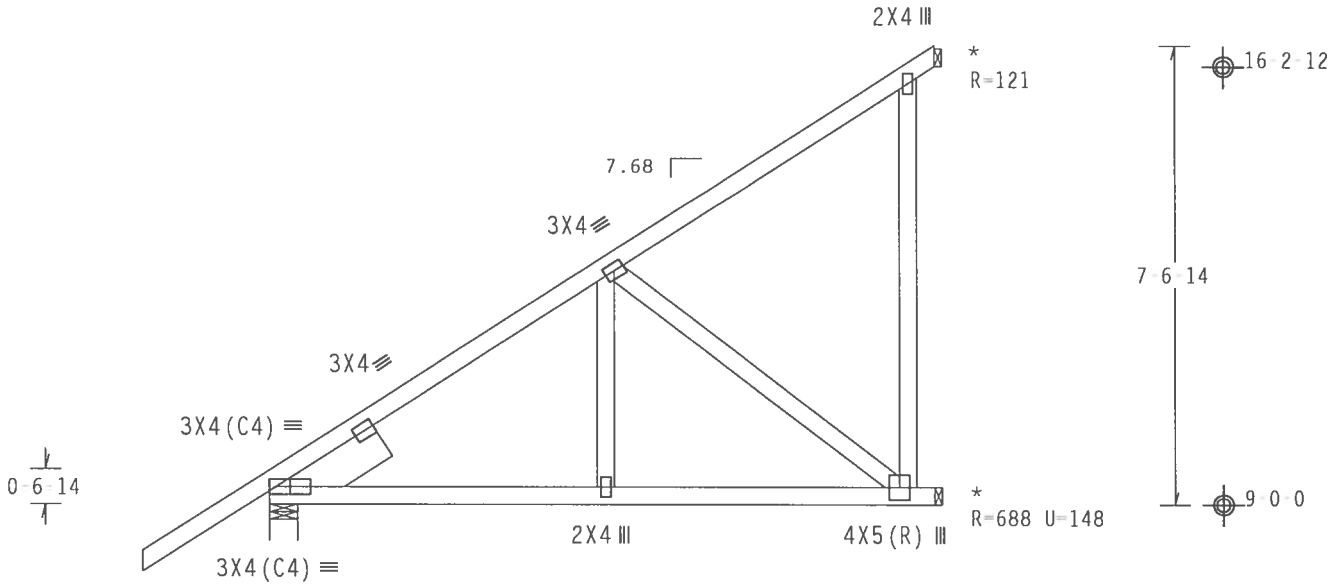
The overall height of this truss excluding overhang is 7-6-14.

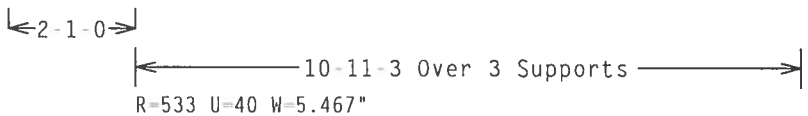
* Toenail allowed based on average reaction.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

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

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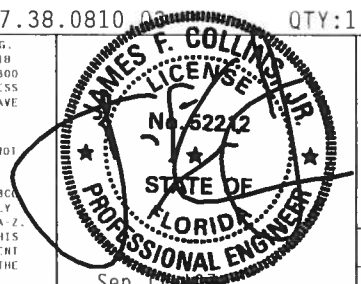


Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96210
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260078
BC LL	0.0 PSF		HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198024
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

110 mph wind, 21.82 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 1-7-8.

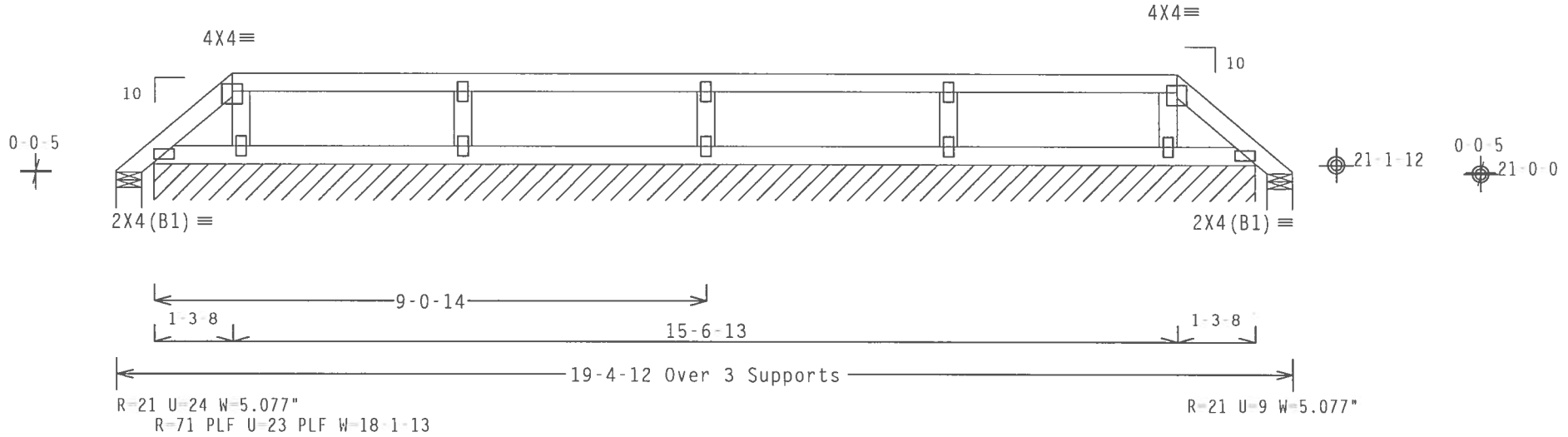
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF	at	-0.62	to	66 PLF at 1.29
TC	From	66 PLF	at	1.29	to	66 PLF at 16.86
TC	From	66 PLF	at	16.86	to	66 PLF at 18.77
BC	From	4 PLF	at	-0.62	to	4 PLF at 18.77

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

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



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96211
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260079
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198120
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA2)

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

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

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

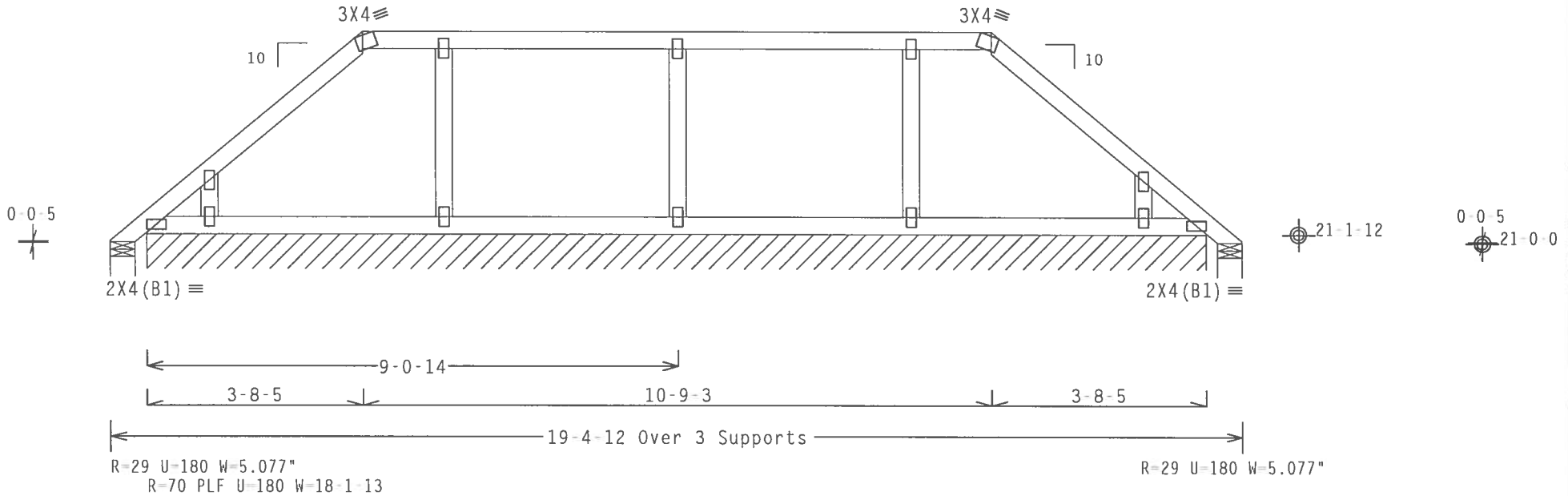
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

110 mph wind, 25.07 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. [w=1.00 GCpi(+/-)=0.18

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

TC	From	66 PLF at	-0.62 to	66 PLF at	3.69
TC	From	66 PLF at	3.69 to	66 PLF at	14.46
TC	From	66 PLF at	14.46 to	66 PLF at	18.77
BC	From	4 PLF at	-0.62 to	4 PLF at	18.77

The overall height of this truss excluding overhang is 3-7-8.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE

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JAMES F. COLLINS, JR. LICENSED No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17

TC LL	20.0 PSF	REF R215-- 96212
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260080
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 198123
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

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

110 mph wind, 23.82 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5-7-8.

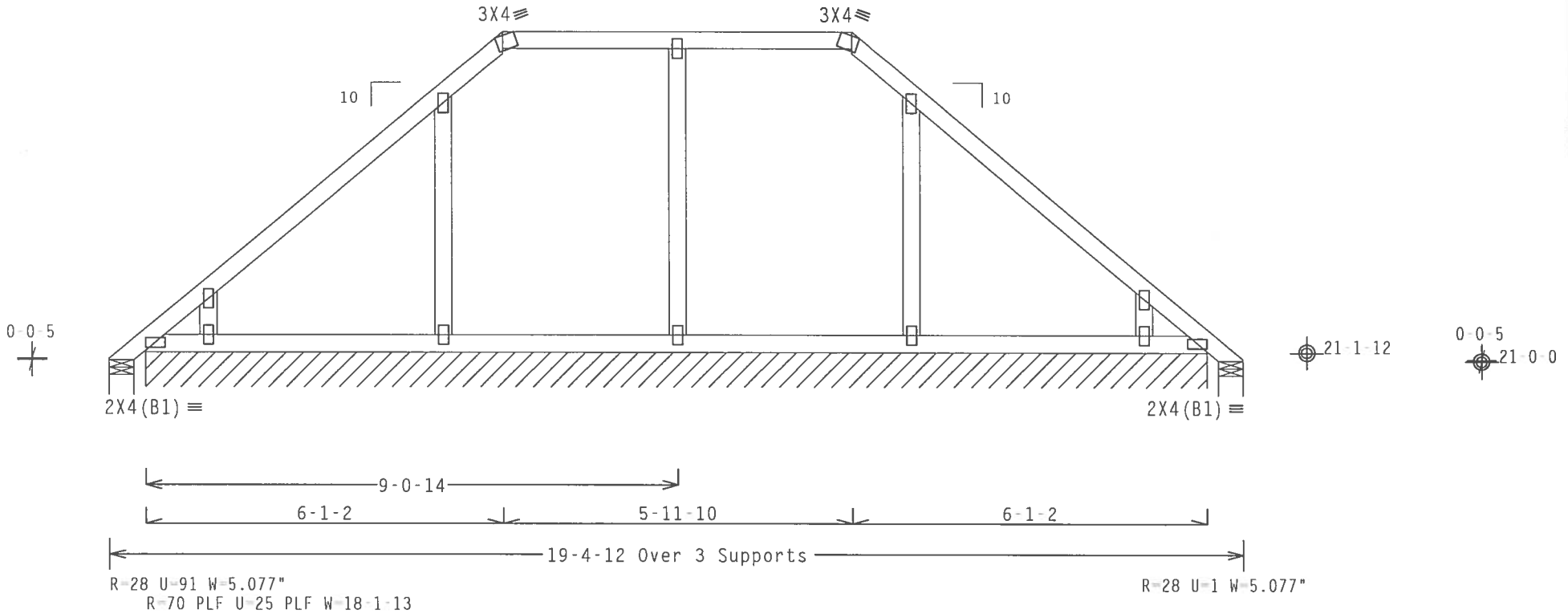
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF at	-0.62 to	66 PLF at	6.09
TC	From	66 PLF at	6.09 to	66 PLF at	12.06
TC	From	66 PLF at	12.06 to	66 PLF at	18.77
BC	From	4 PLF at	-0.62 to	4 PLF at	18.77

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

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



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
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Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96213
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260081
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198126
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

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

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

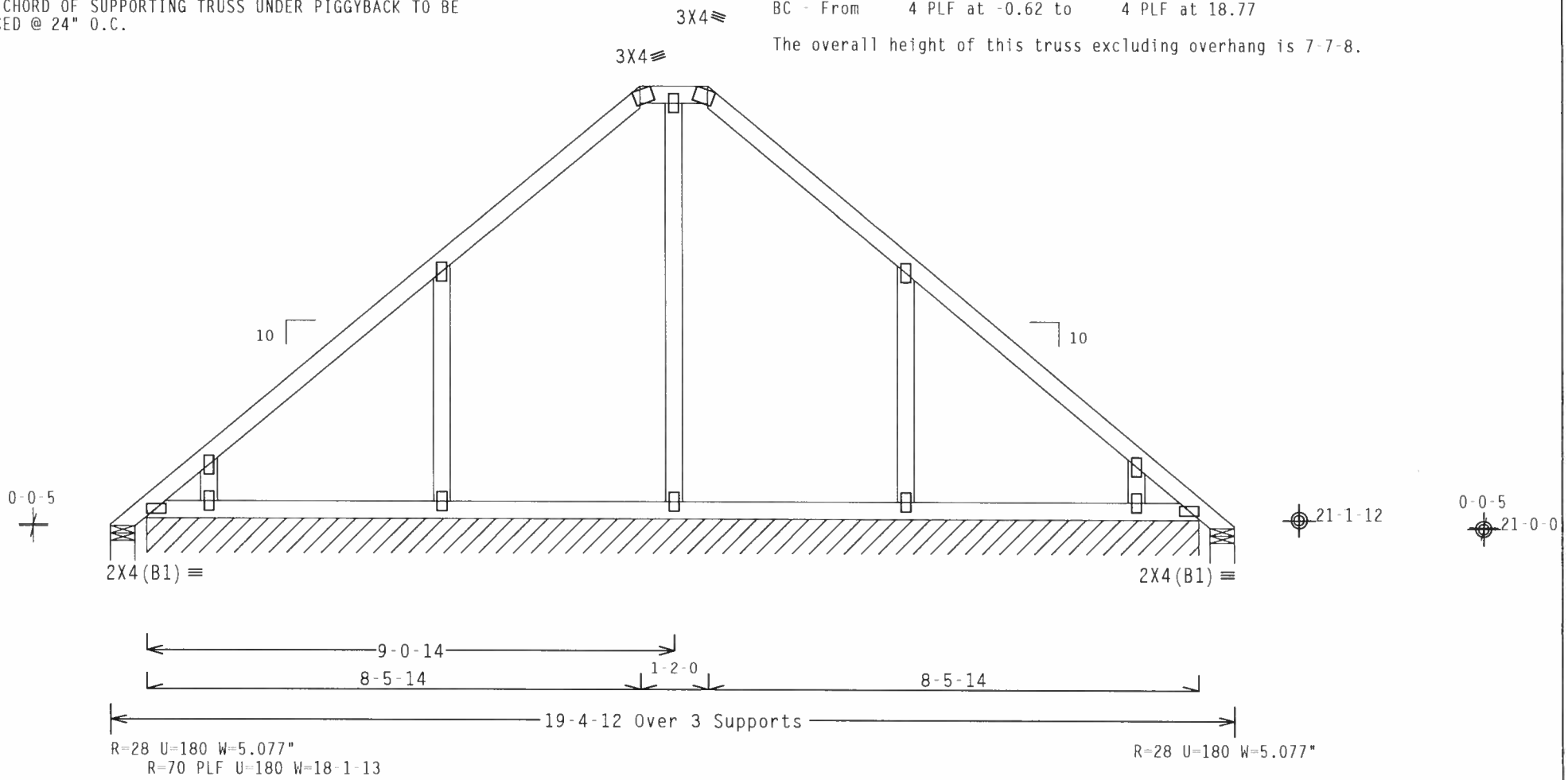
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

110 mph wind, 25.07 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

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

TC	From	66 PLF	at	-0.62	to	66 PLF at 8.49
TC	From	66 PLF	at	8.49	to	66 PLF at 9.66
TC	From	66 PLF	at	9.66	to	66 PLF at 18.77
BC	From	4 PLF	at	-0.62	to	4 PLF at 18.77

The overall height of this truss excluding overhang is 7-7-8.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810_00 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 567

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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 CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96214
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260082
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198129
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

110 mph wind, 25.07 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

Wind reactions based on MWFRS pressures.

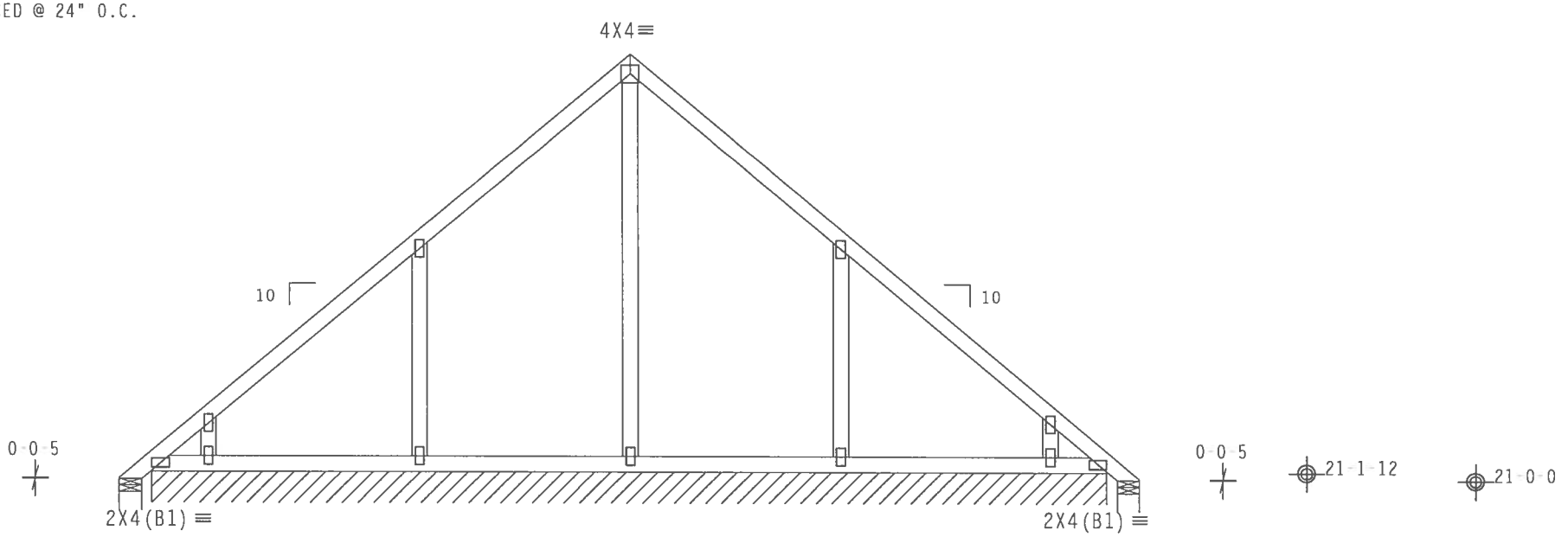
The overall height of this truss excluding overhang is 8-1-5.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at -0.62 to 66 PLF at 9.08
TC - From 66 PLF at 9.08 to 66 PLF at 18.77
BC - From 4 PLF at -0.62 to 4 PLF at 18.77

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

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



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:4 FL/-/5/-/-/R/- Scale =.3125"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 17

TC LL	20.0 PSF	REF R215-- 96215
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260083
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 198132
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA6)

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

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

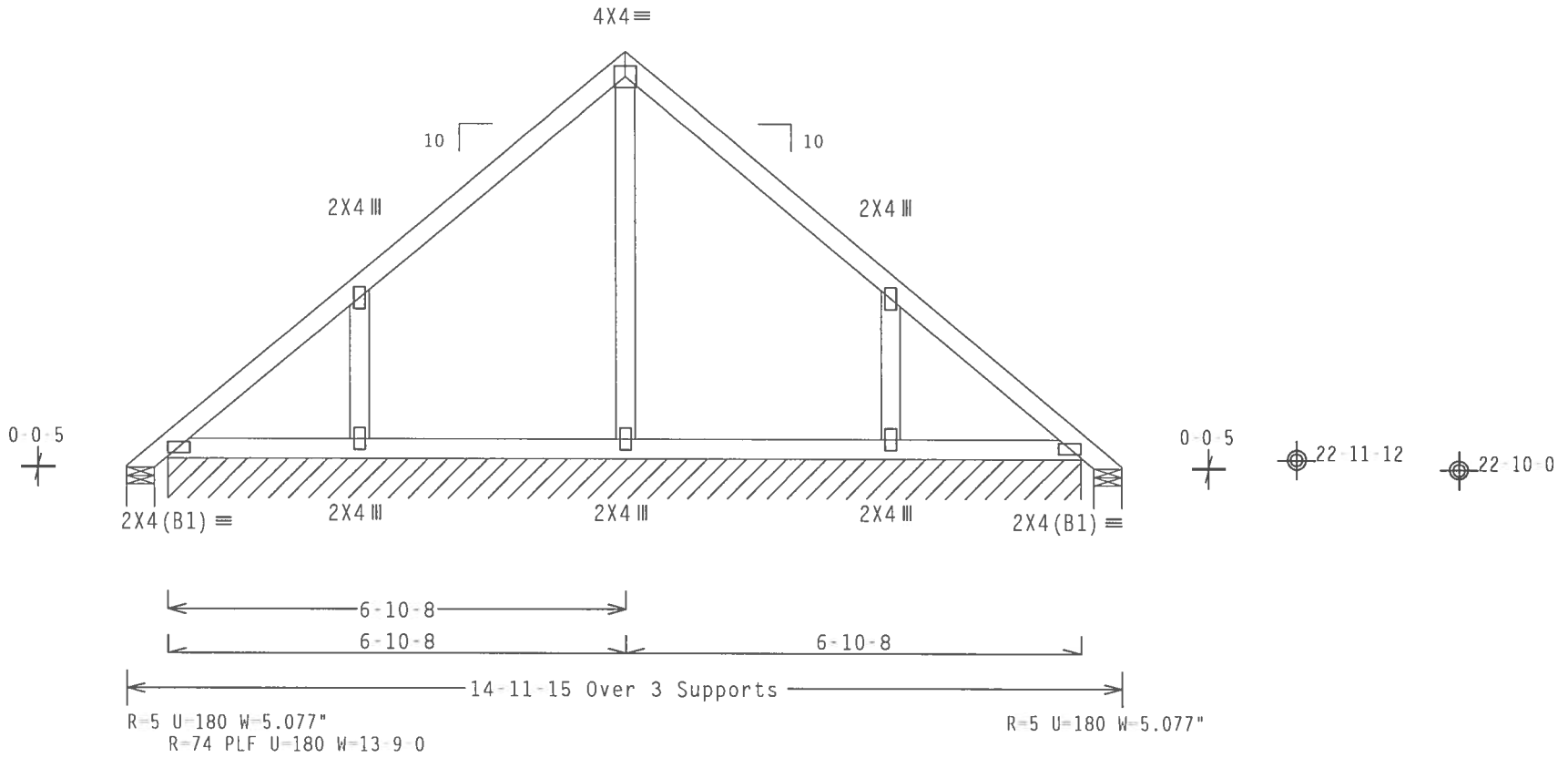
Deflection meets L/240 live and L/180 total load.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

110 mph wind, 25.07 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

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.62 to 66 PLF at 6.88
TC - From 66 PLF at 6.88 to 66 PLF at 14.37
BC - From 4 PLF at 0.62 to 4 PLF at 14.37

The overall height of this truss excluding overhang is 6-3-5.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.0 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96216
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260096
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198155
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION - Lot 8 Country Lakes @ - PBA7)

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

110 mph wind, 25.82 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

Wind reactions based on MWFRS pressures.

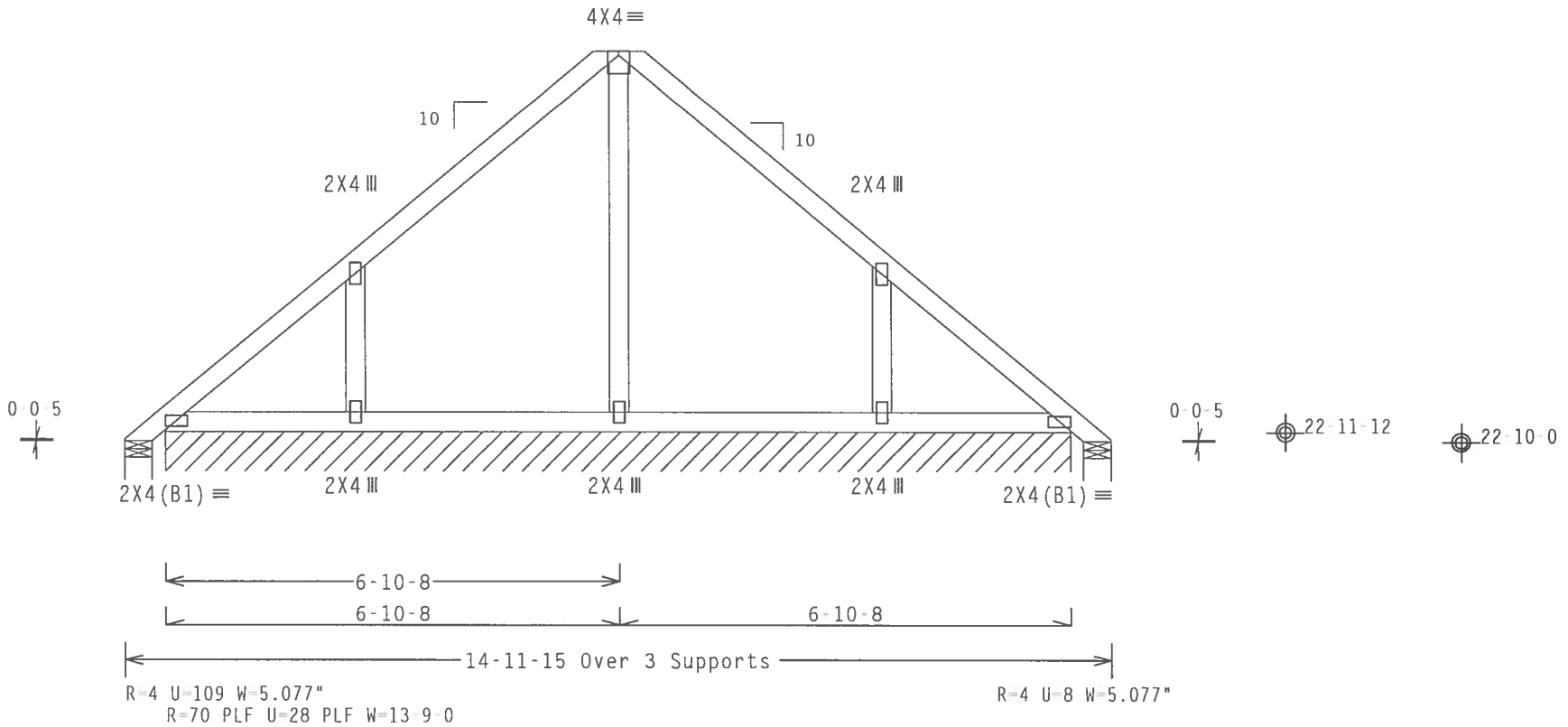
The overall height of this truss excluding overhang is 5-11-7.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.62 to 66 PLF at 6.49
TC - From 66 PLF at 7.26 to 66 PLF at 14.37
BC - From 4 PLF at 0.62 to 4 PLF at 14.37

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96217
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260084
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198158
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA8)

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

110 mph wind, 25.48 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

Wind reactions based on MWFRS pressures.

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

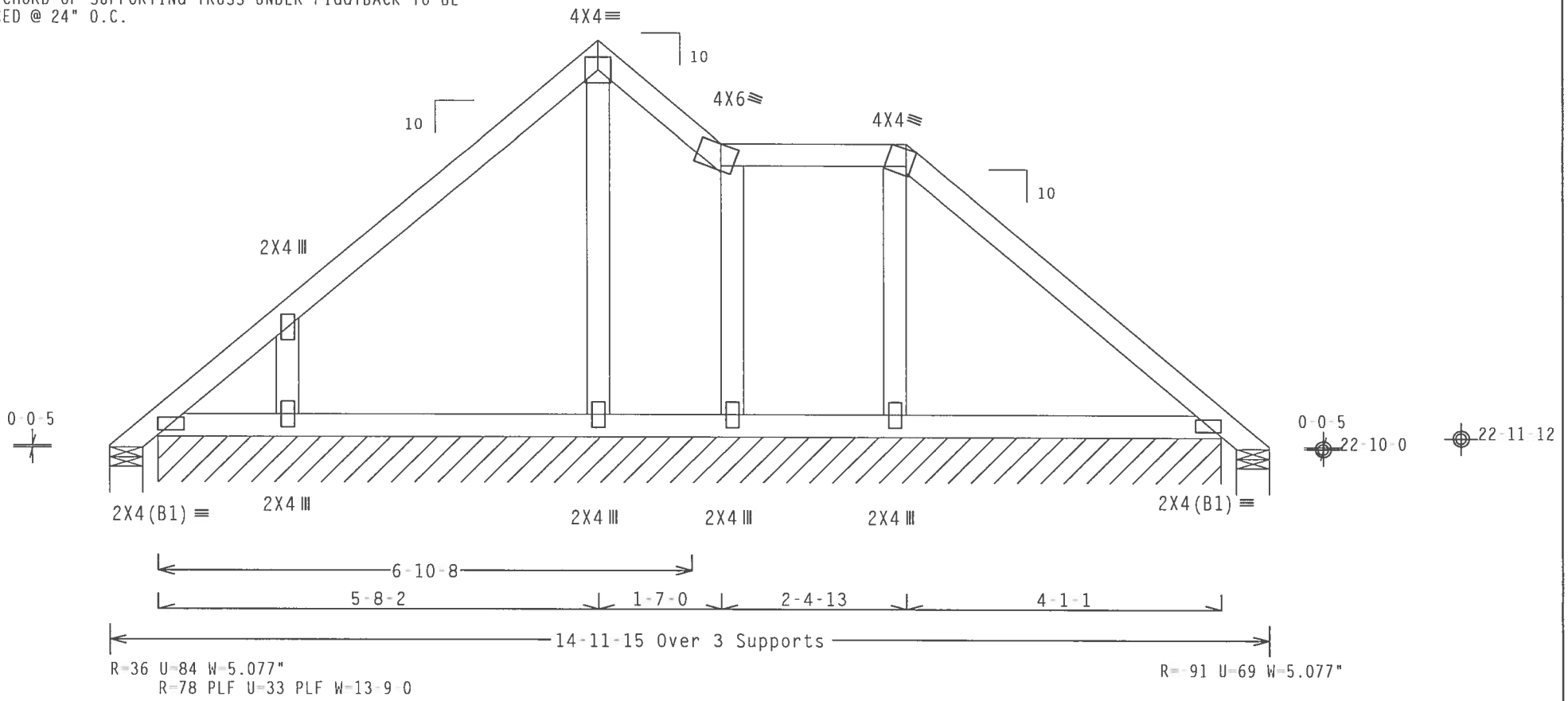
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF	at	0.62	to	66 PLF	at 5.68
TC	From	66 PLF	at	5.68	to	66 PLF	at 7.26
TC	From	66 PLF	at	7.26	to	66 PLF	at 9.66
TC	From	66 PLF	at	9.66	to	66 PLF	at 14.37
BC	From	4 PLF	at	0.62	to	4 PLF	at 14.37

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

The overall height of this truss excluding overhang is 5-3-5.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep

TC LL	20.0 PSF	REF	R215-- 96218
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260085
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198162
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA9)

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

110 mph wind, 24.98 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

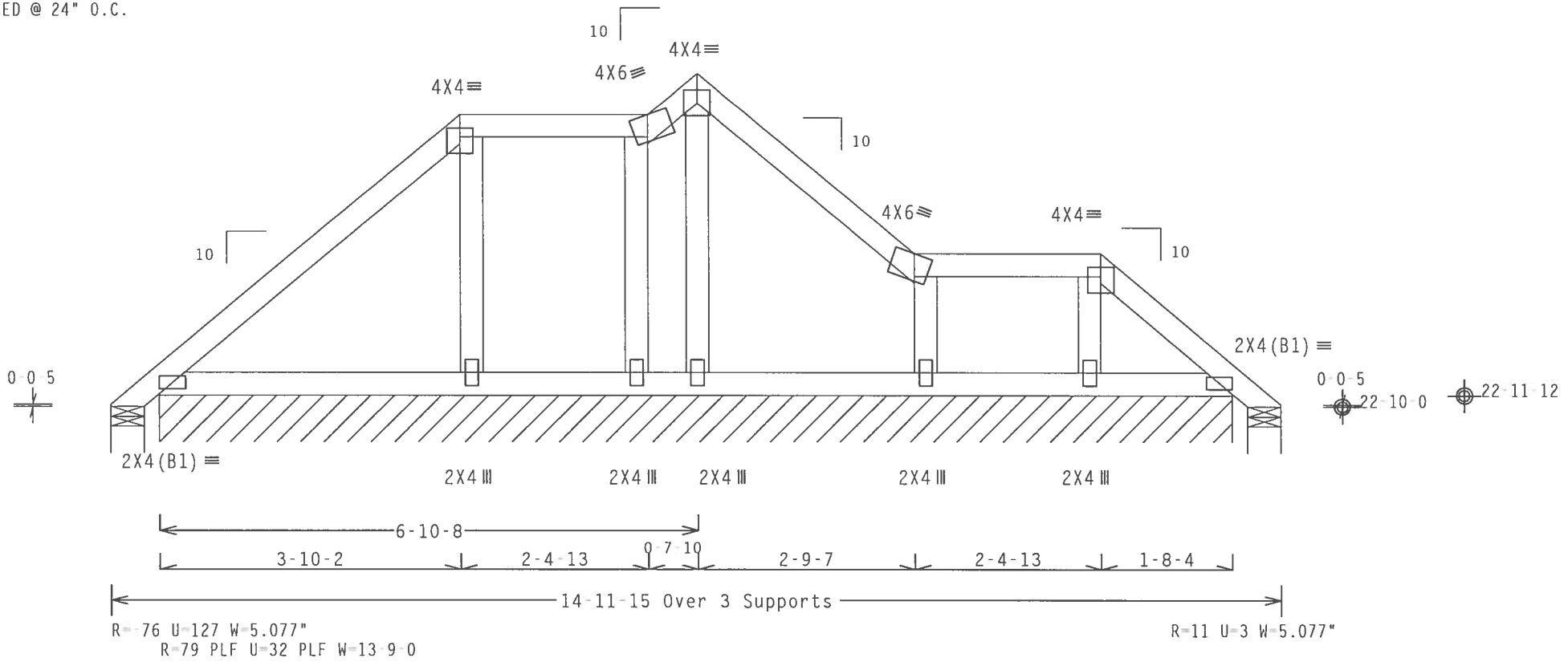
The overall height of this truss excluding overhang is 4-3-5.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF	at	0.62	to	66 PLF at 3.84
TC	From	66 PLF	at	3.84	to	66 PLF at 6.24
TC	From	66 PLF	at	6.24	to	66 PLF at 6.88
TC	From	66 PLF	at	6.88	to	66 PLF at 9.66
TC	From	66 PLF	at	9.66	to	66 PLF at 12.06
TC	From	66 PLF	at	12.06	to	66 PLF at 14.37
BC	From	4 PLF	at	0.62	to	4 PLF at 14.37

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810_02 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
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JAMES F. COLLINS JR. LICENSE No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep

TC LL	20.0 PSF	REF	R215-- 96219
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260086
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198165
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA10)

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

110 mph wind, 24.98 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

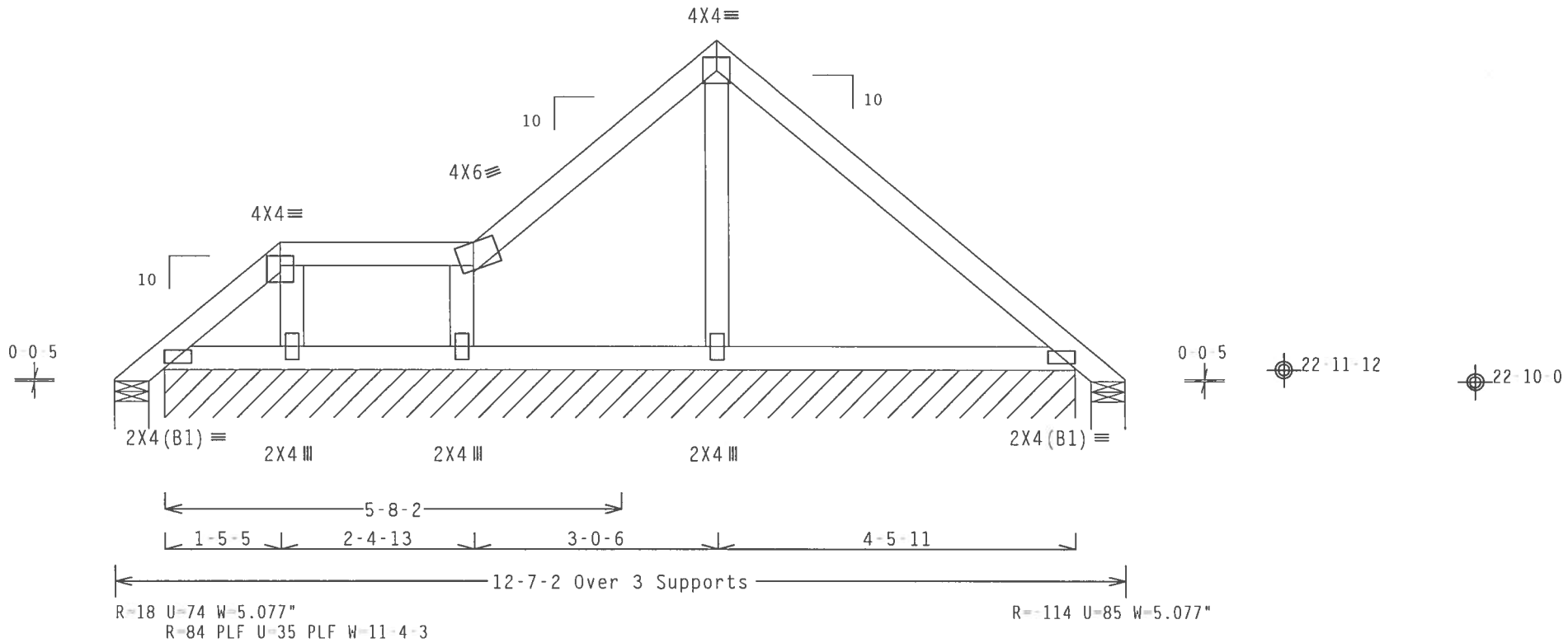
Deflection meets L/240 live and L/180 total load.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

SPECIAL LOADS
-------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at -0.62 to 66 PLF at 1.44
TC - From 66 PLF at 1.44 to 66 PLF at 3.84
TC - From 66 PLF at 3.84 to 66 PLF at 6.88
TC - From 66 PLF at 6.88 to 66 PLF at 11.97
BC - From 4 PLF at -0.62 to 4 PLF at 11.97

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

The overall height of this truss excluding overhang is 4-3-5.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17,2007

TC LL	20.0 PSF	REF	R215-- 96220
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260087
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198168
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA11)

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

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

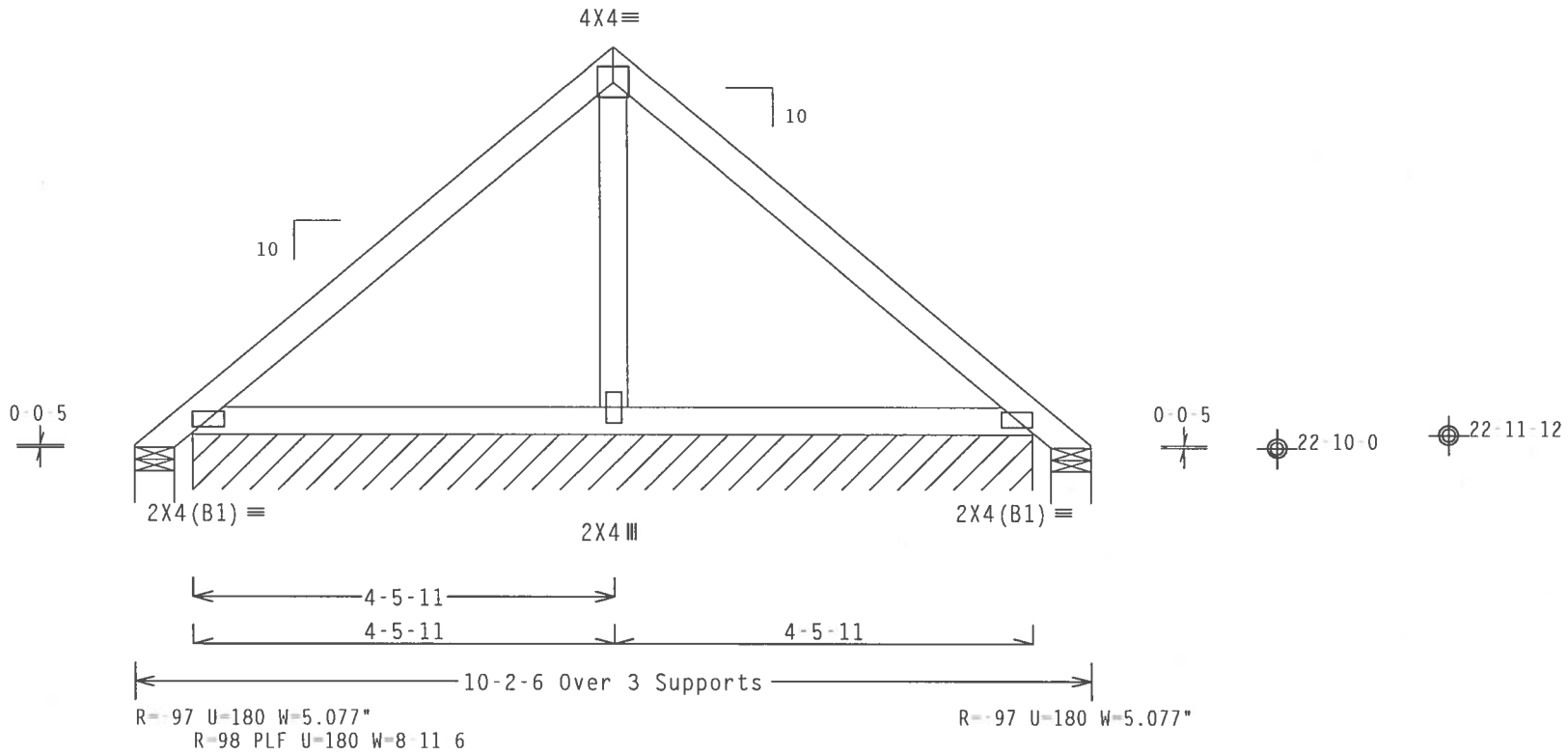
Deflection meets L/240 live and L/180 total load.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

110 mph wind, 25.07 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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at -0.62 to 66 PLF at 4.48
TC - From 66 PLF at 4.48 to 66 PLF at 9.57
BC - From 4 PLF at -0.62 to 4 PLF at 9.57

The overall height of this truss excluding overhang is 4-3-5.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810 | QTY:4 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96221
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260088
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198171
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8-Country Lakes @ - PBA12)

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

110 mph wind, 24.07 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-5-8.

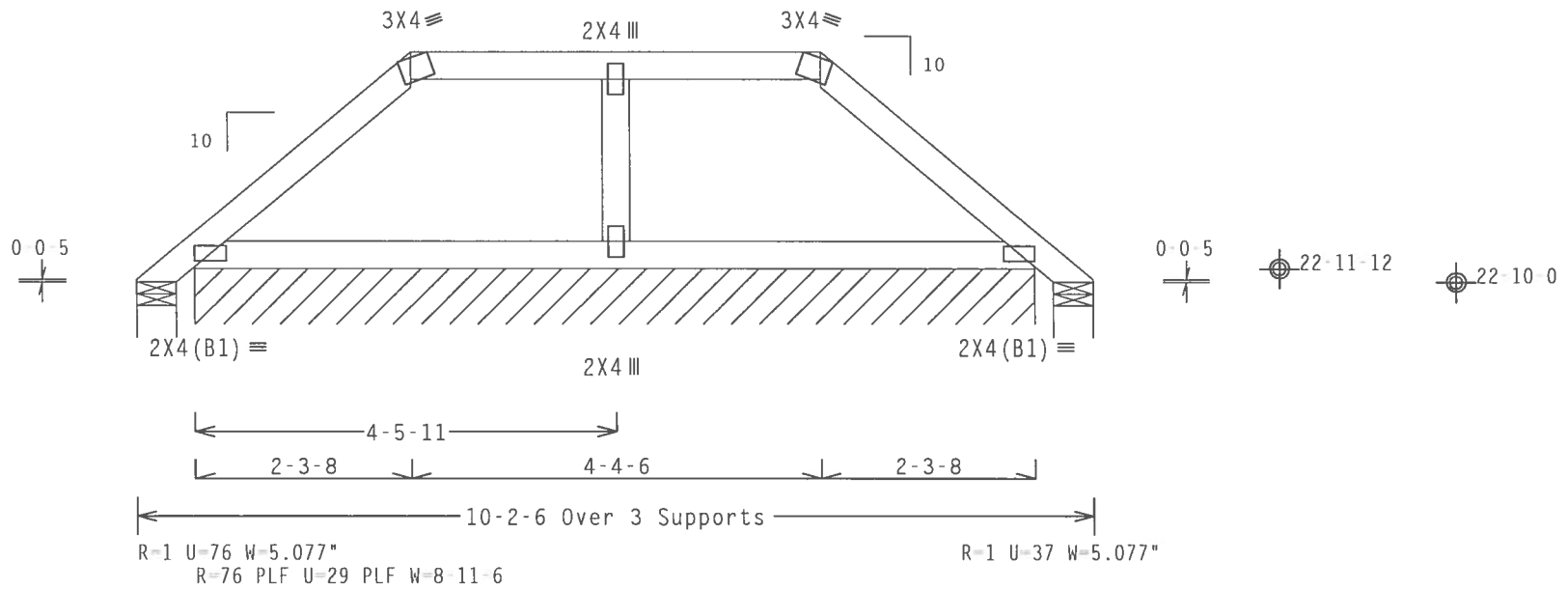
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF	at	-0.62	to	66 PLF	at 2.29
TC	From	66 PLF	at	2.29	to	66 PLF	at 6.66
TC	From	66 PLF	at	6.66	to	66 PLF	at 9.57
BC	From	4 PLF	at	-0.62	to	4 PLF	at 9.57

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 03 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17, 07

TC LL	20.0 PSF	REF	R215-- 96222
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260089
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198174
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA13)

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

110 mph wind, 22.15 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=2.0 psf. Iw=1.00 GCpi(+/ -)=0.18

Wind reactions based on MWFRS pressures.

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

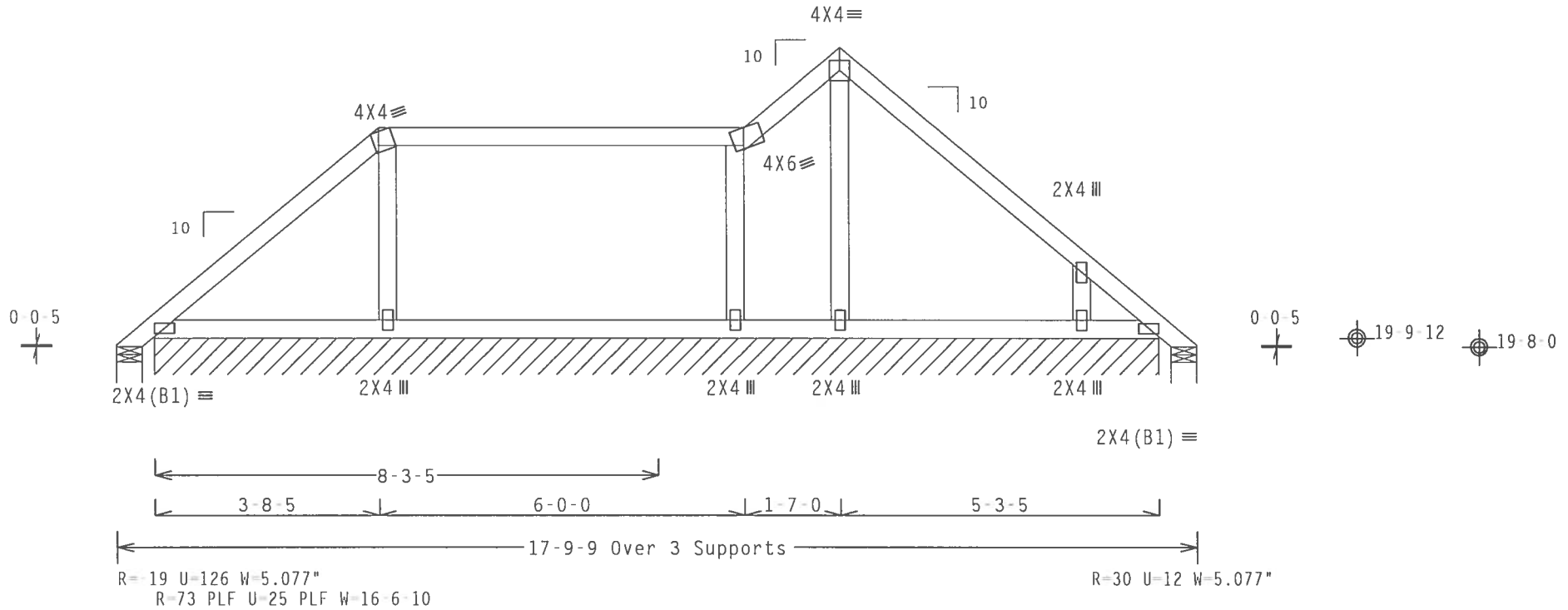
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF	at	0.62	to	66 PLF	at 3.69
TC	From	66 PLF	at	3.69	to	66 PLF	at 9.69
TC	From	66 PLF	at	9.69	to	66 PLF	at 11.28
TC	From	66 PLF	at	11.28	to	66 PLF	at 17.17
BC	From	4 PLF	at	0.62	to	4 PLF	at 17.17

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

The overall height of this truss excluding overhang is 4-11-5.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.02 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17,2007

TC LL	20.0 PSF	REF	R215-- 96223
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260090
BC LL	0.0 PSF		HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198178
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

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

110 mph wind, 22.15 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

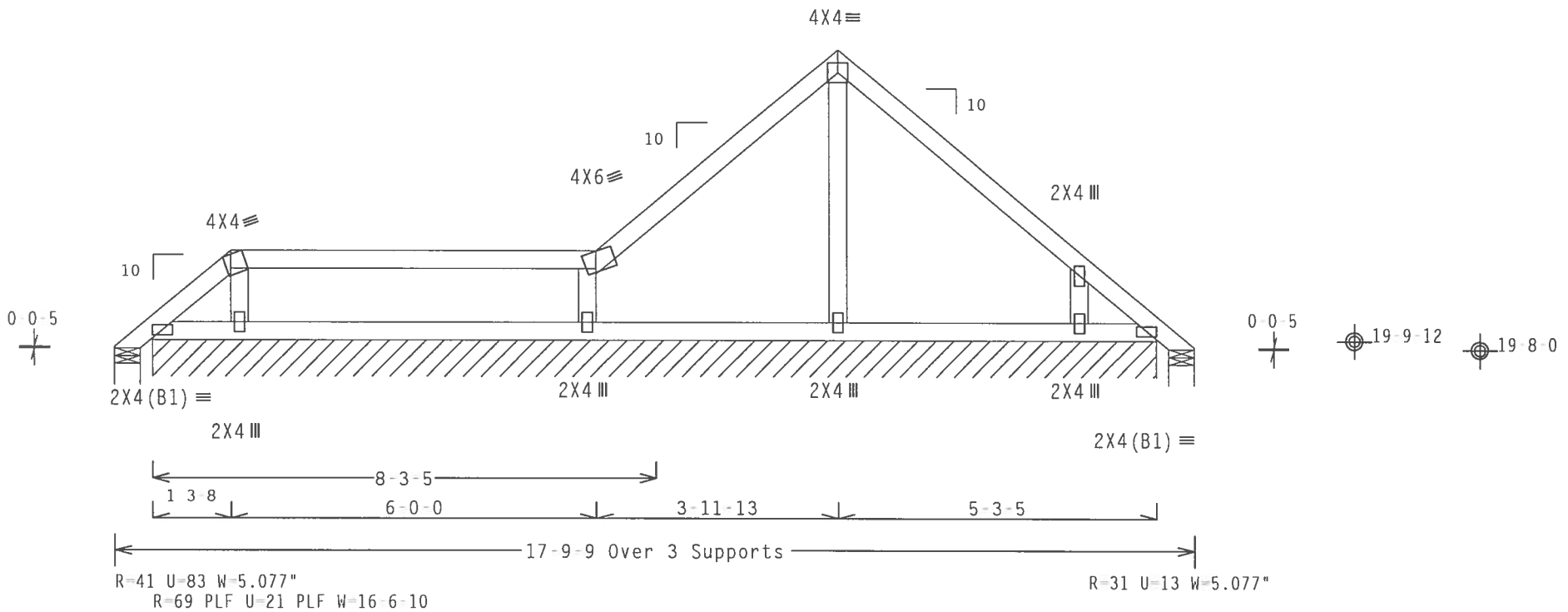
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF	at	0.62	to	66 PLF at 1.29
TC	From	66 PLF	at	1.29	to	66 PLF at 7.29
TC	From	66 PLF	at	7.29	to	66 PLF at 11.28
TC	From	66 PLF	at	11.28	to	66 PLF at 17.17
BC	From	4 PLF	at	0.62	to	4 PLF at 17.17

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

The overall height of this truss excluding overhang is 4-11-5.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 '07

TC LL	20.0 PSF	REF	R215-- 96224
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260091
BC LL	0.0 PSF		HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198182
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION - Lot 8 Country Lakes @ - PBA15)

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

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

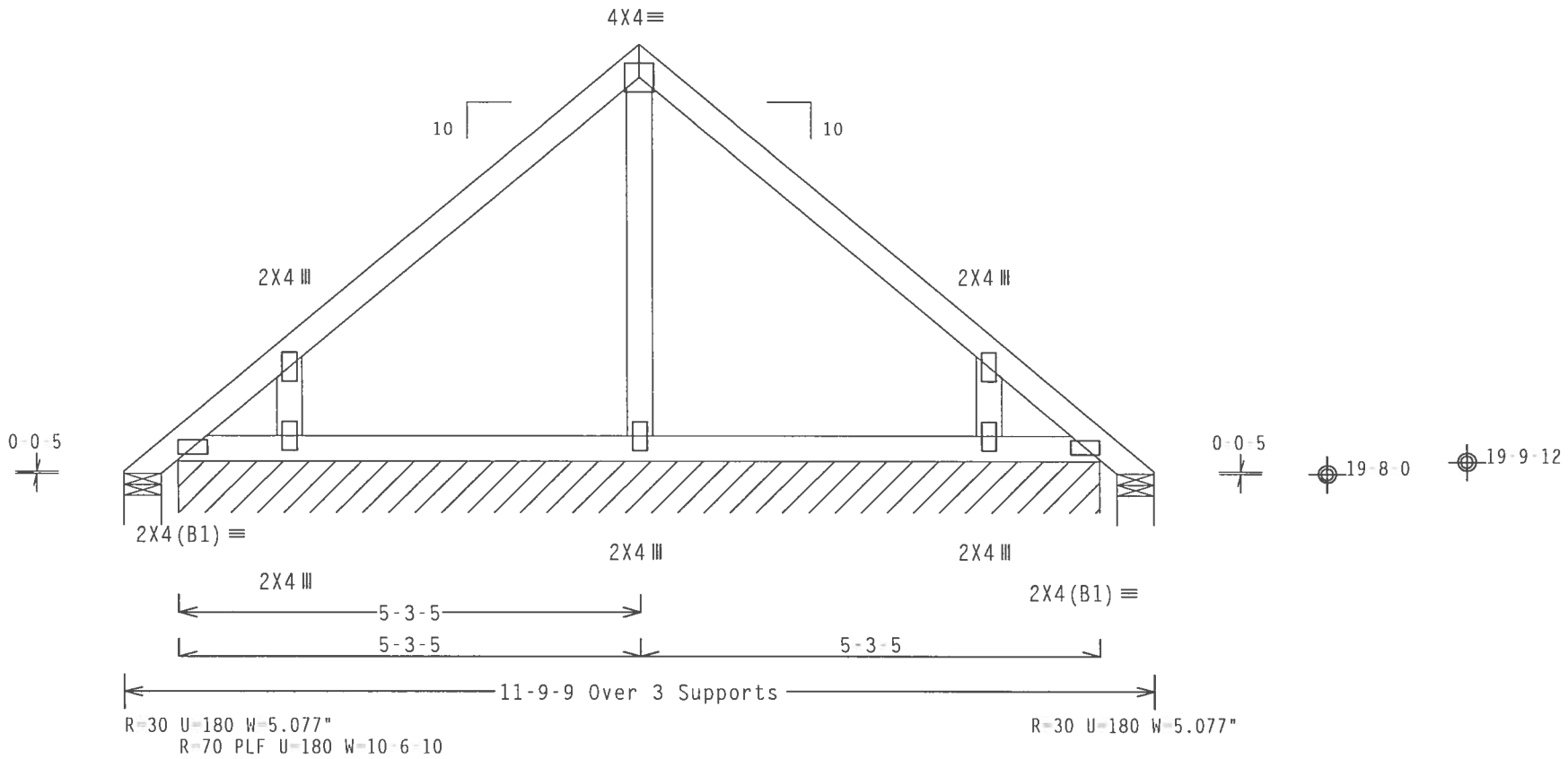
Deflection meets L/240 live and L/180 total load.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

110 mph wind, 25.07 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

SPECIAL LOADS
-------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at -0.62 to 66 PLF at 5.28
TC - From 66 PLF at 5.28 to 66 PLF at 11.17
BC - From 4 PLF at -0.62 to 4 PLF at 11.17

The overall height of this truss excluding overhang is 4-11-5.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep [illegible]

TC LL	20.0 PSF	REF	R215-- 96225
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260092
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198185
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA16)

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

110 mph wind, 21.16 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-11-8.

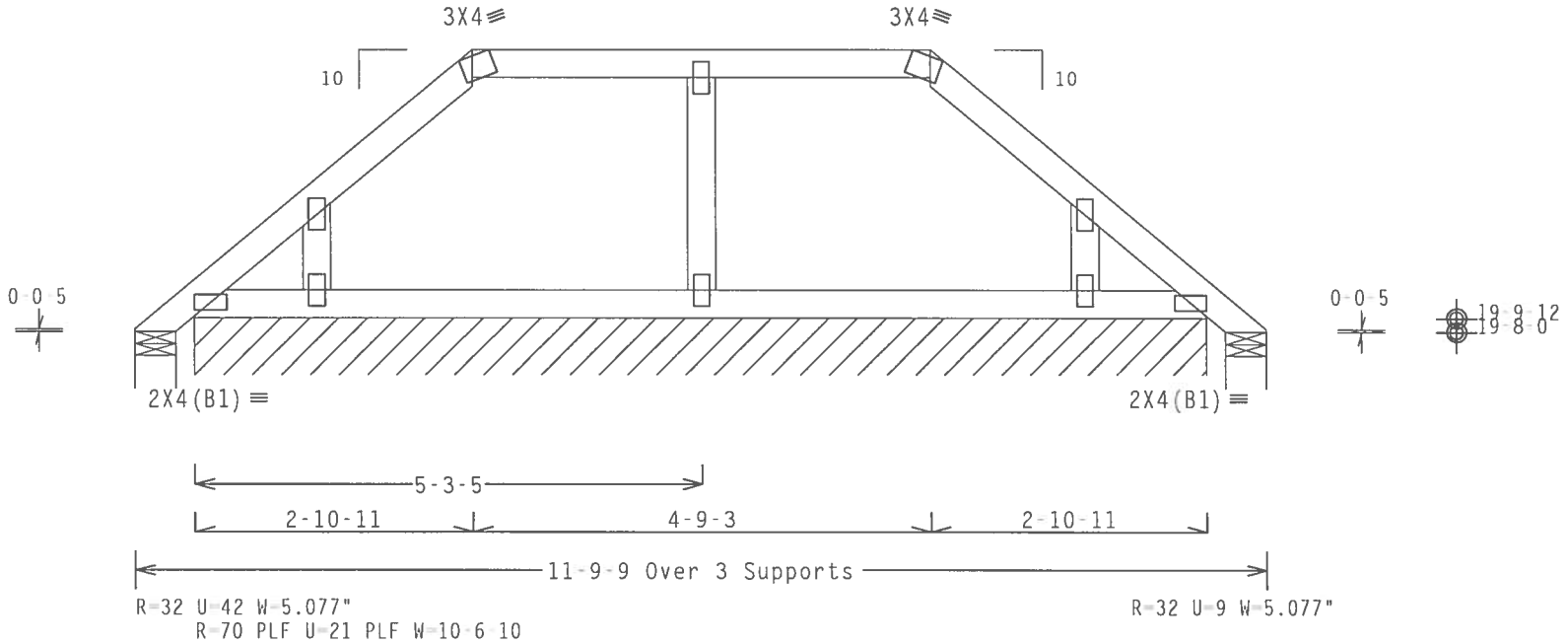
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	66 PLF at	-0.62 to	66 PLF at	2.89	
TC	From	66 PLF at	2.89 to	66 PLF at	7.66	
TC	From	66 PLF at	7.66 to	66 PLF at	11.17	
BC	From	4 PLF at	-0.62 to	4 PLF at	11.17	

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

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



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.38.0810.03 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep

TC LL	20.0 PSF	REF R215-- 96226
TC DL	10.0 PSF	DATE 09/17/07
BC DL	10.0 PSF	DRW HCUSR215 07260093
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 198188
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA17)

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

110 mph wind, 19.64 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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-0-0.

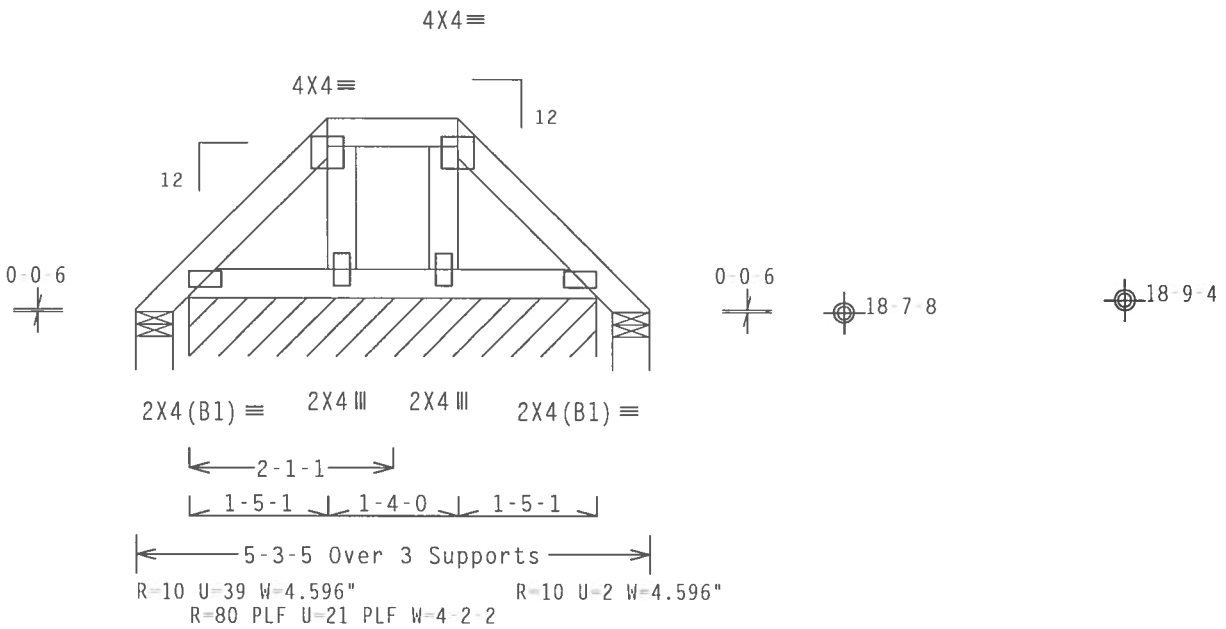
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	68 PLF	at	-0.55	to	68 PLF	at 1.42
TC	From	68 PLF	at	1.42	to	68 PLF	at 2.75
TC	From	68 PLF	at	2.75	to	68 PLF	at 4.72
BC	From	4 PLF	at	-0.55	to	4 PLF	at 4.72

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17,07

TC LL	20.0 PSF	REF	R215-- 96227
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260094
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	197942
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

(4883 /MCNEIL RESIDENCE /BLAKE CONSTRUCTION -- Lot 8 Country Lakes @ - PBA18)

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

110 mph wind, 19.97 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

Wind reactions based on MWFRS pressures.

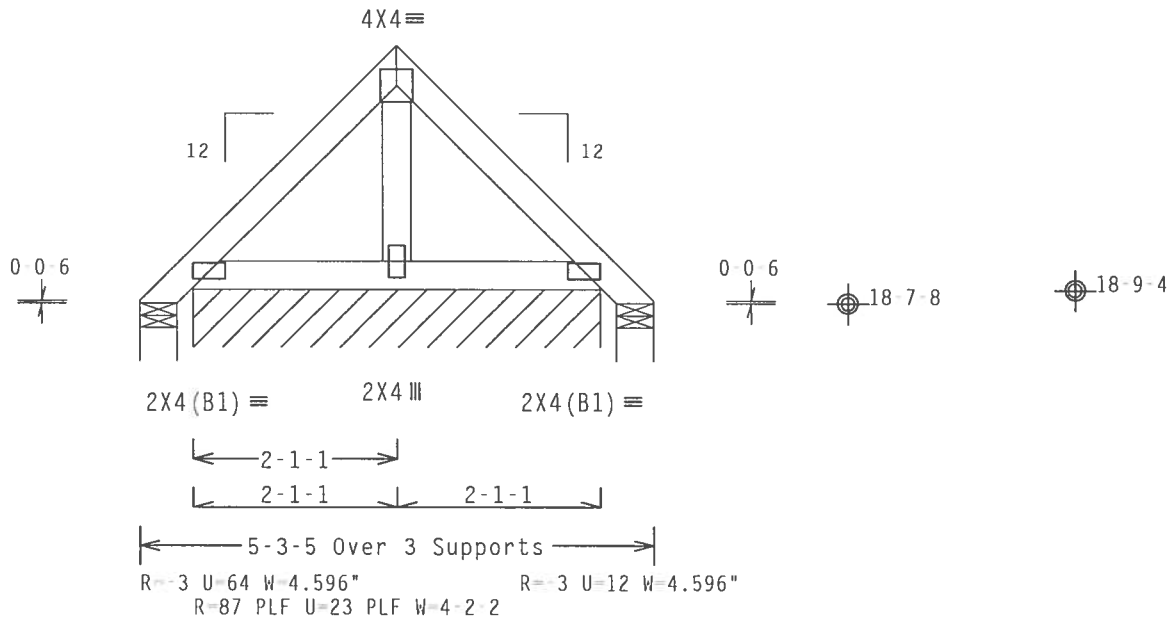
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

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

TC	From	68 PLF	at	0.55	to	68 PLF	at 2.09
TC	From	68 PLF	at	2.09	to	68 PLF	at 4.72
BC	From	4 PLF	at	0.55	to	4 PLF	at 4.72

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

The overall height of this truss excluding overhang is 2-8-0.



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

PLT TYP. Wave | 7.38.0810 | QTY:9 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 17 07

TC LL	20.0 PSF	REF	R215-- 96228
TC DL	10.0 PSF	DATE	09/17/07
BC DL	10.0 PSF	DRW	HCUSR215 07260095
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	198080
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TAU215_Z02

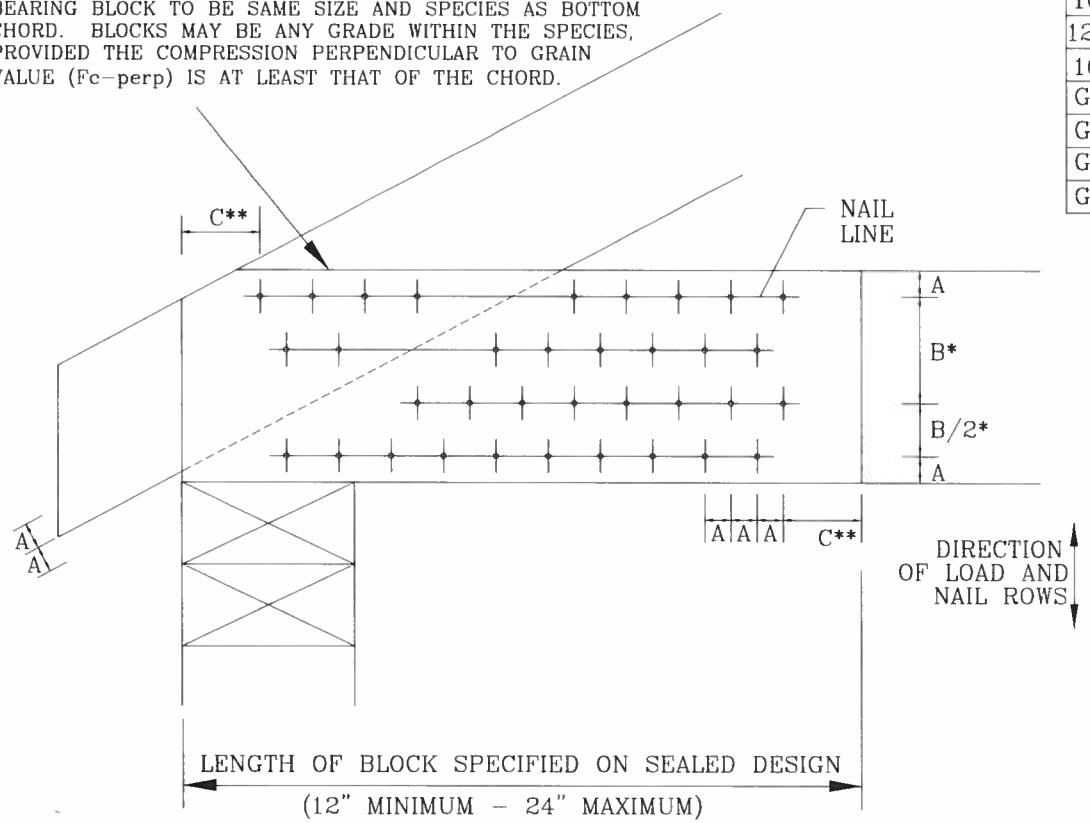
BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

A – EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
B – SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
C – END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
- • SPACING MAY BE REDUCED BY 50%
- •• SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc–perp) IS AT LEAST THAT OF THE CHORD.



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE 2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"X 2.5",MIN)	3	6	9	12	15
10d BOX (0.128"X 3.",MIN)	3	5	7	10	12
12d BOX (0.128"X 3.25",MIN)	3	5	7	10	12
16d BOX (0.135"X 3.5",MIN)	3	5	7	10	12
20d BOX (0.148"X 4.",MIN)	2	4	5	6	8
8d COMMON (0.131"X 2.5",MIN)	3	5	7	10	12
10d COMMON (0.148"X 3.",MIN)	2	4	6	8	10
12d COMMON (0.148"X 3.25",MIN)	2	4	6	8	10
16d COMMON (0.162"X 3.5",MIN)	2	4	6	8	10
GUN (0.120"X 2.5",MIN)	3	6	8	11	14
GUN (0.131"X 2.5",MIN)	3	5	7	10	12
GUN (0.120"X 3.",MIN)	3	6	8	11	14
GUN (0.131"X 3.",MIN)	3	5	7	10	12

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES A	B*	C**
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"
10d COMMON (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X 3.5",MIN)	1'	2"	2 1/2"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"
GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"
GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	2"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

ALPINE
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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JAMES P. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

REF	BEARING BLOCK
DATE	2/23/07
DRWG	CNBRGBLK0207
-ENG	SJP/KAR

ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR: #1 / #2 STANDARD; #3 STUD

HEM-FIR: #2 STUD; #3 STANDARD

DOUGLAS FIR-LARCH: #3; STUD; STANDARD

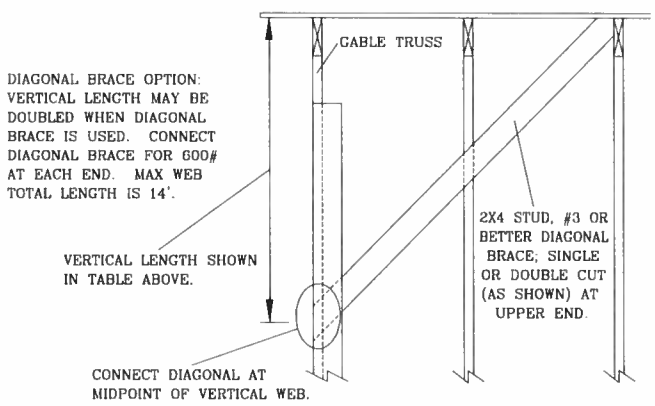
SOUTHERN PINE: #3; STUD; STANDARD

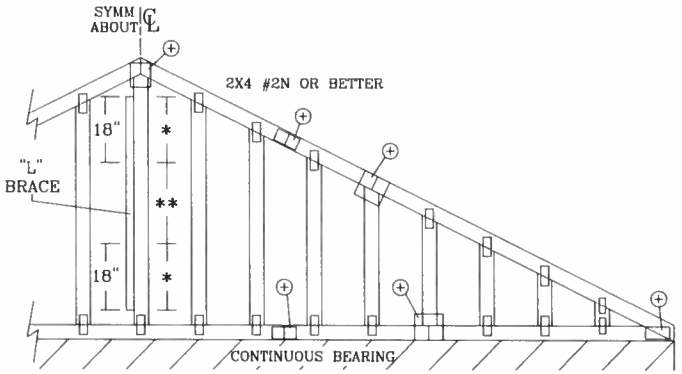
GROUP B:

HEM-FIR: #1 & BTR; #1

SOUTHERN PINE: #1; #2

DOUGLAS FIR-LARCH: #1; #2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 60% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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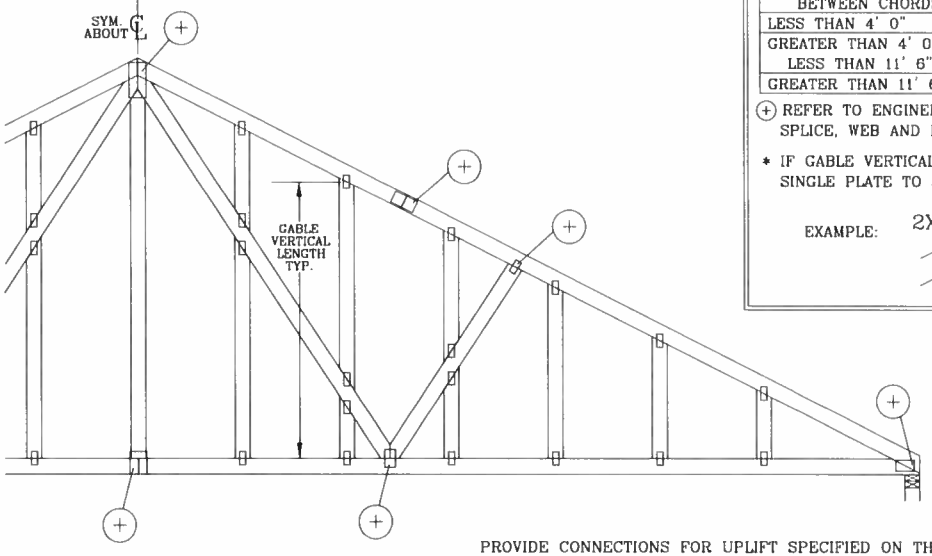
JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11015
DATE	2/23/07
DRWG	A11015EE0207
-ENG	

GABLE DETAIL
FOR LET-IN VERTICALS

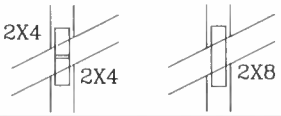


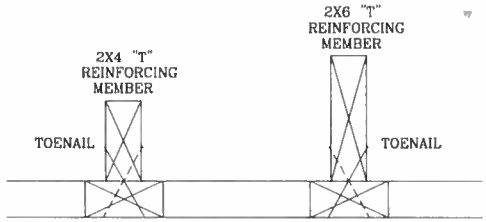
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

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

EXAMPLE:





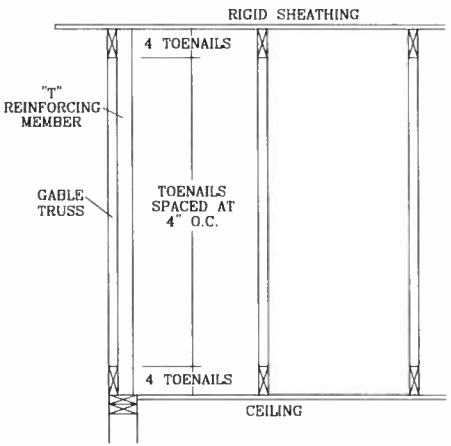
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:
ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207
ASCE 7-05 GABLE DETAIL DRAWINGS
A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207, A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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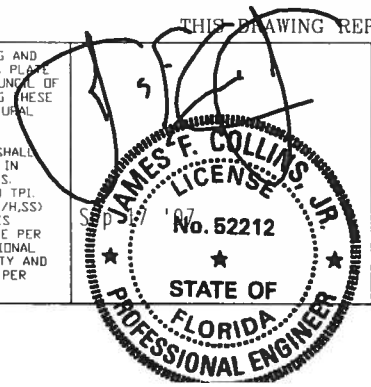


SEP '07

MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLLETIN0207
-ENG	DLJ/KAR

ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR

#1 / #2	STANDARD
#3	STUD

HEM-FIR

#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH

#3
STUD
STANDARD

SOUTHERN PINE

#3
STUD
STANDARD

GROUP B:

HEM-FIR

#1 & BTR
#1

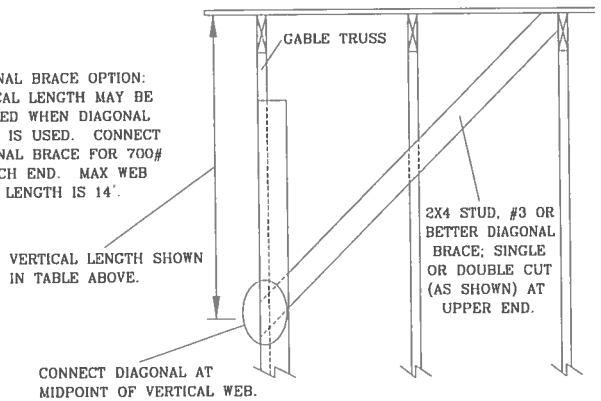
SOUTHERN PINE

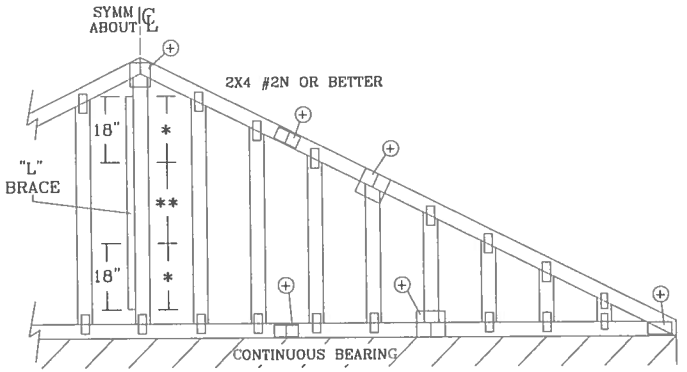
#1
#2

DOUGLAS FIR-LARCH

#1
#2

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 700# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11030
DATE	2/23/07
DRWG	A11030EE0207
-ENG	

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

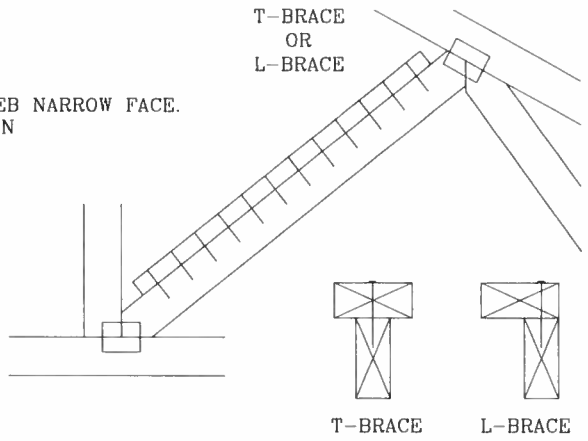
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

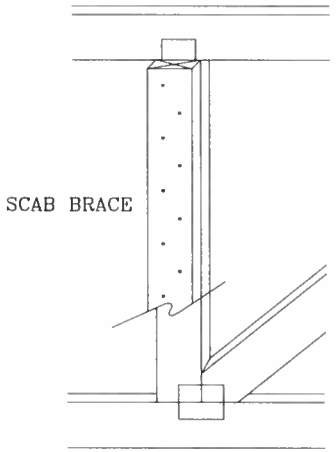
T-BRACING OR L-BRACING:

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



SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579,640

ALPINE
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 17 '07

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			