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 = 2.053'

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

Bottom chord checked for 10.00 psf non-concurrent live load.

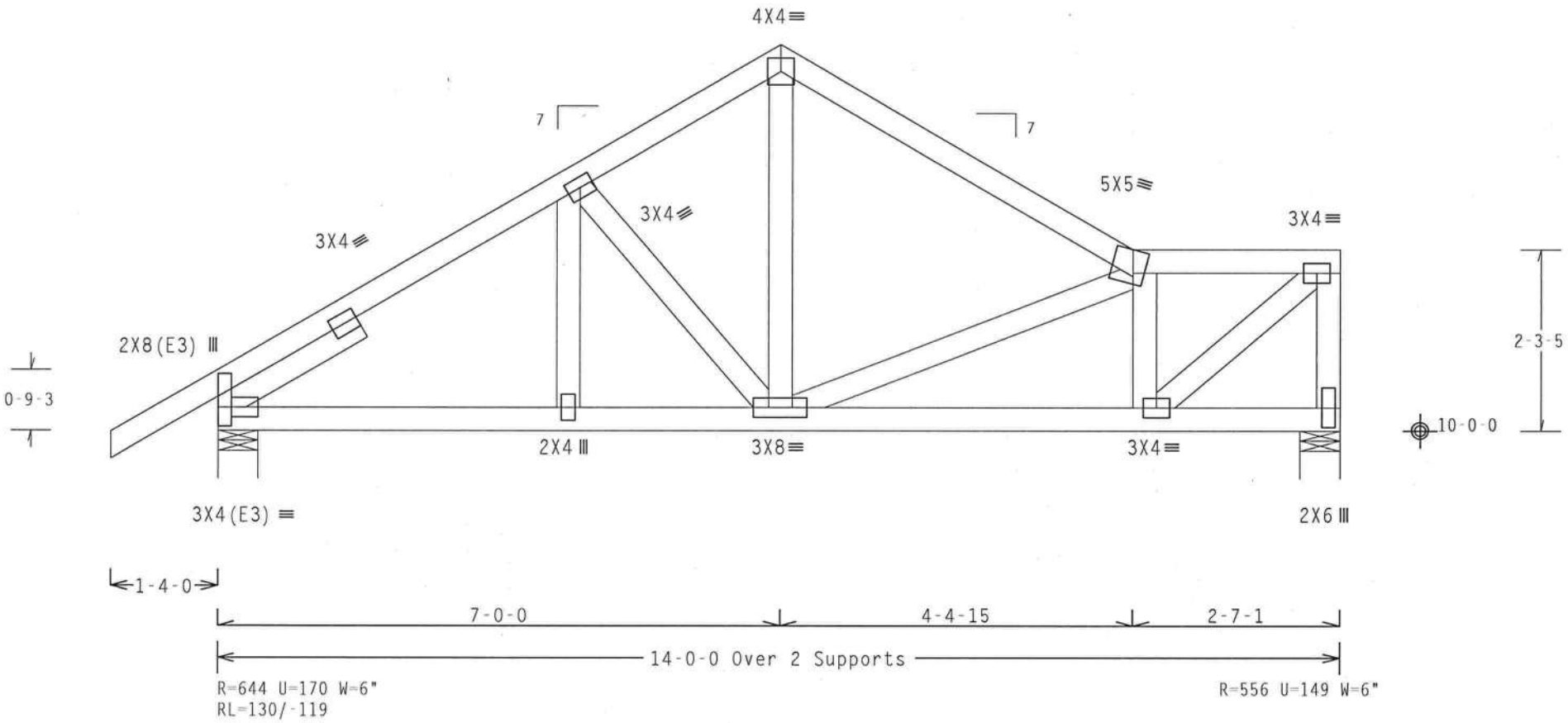
The overall height of this truss excluding overhang is 4-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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 E. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22144
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196120
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	212384
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282 /ROSSIN /EDGELY CONSTRUCTION -- , ** - A26)

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 = 2.053'
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.053'

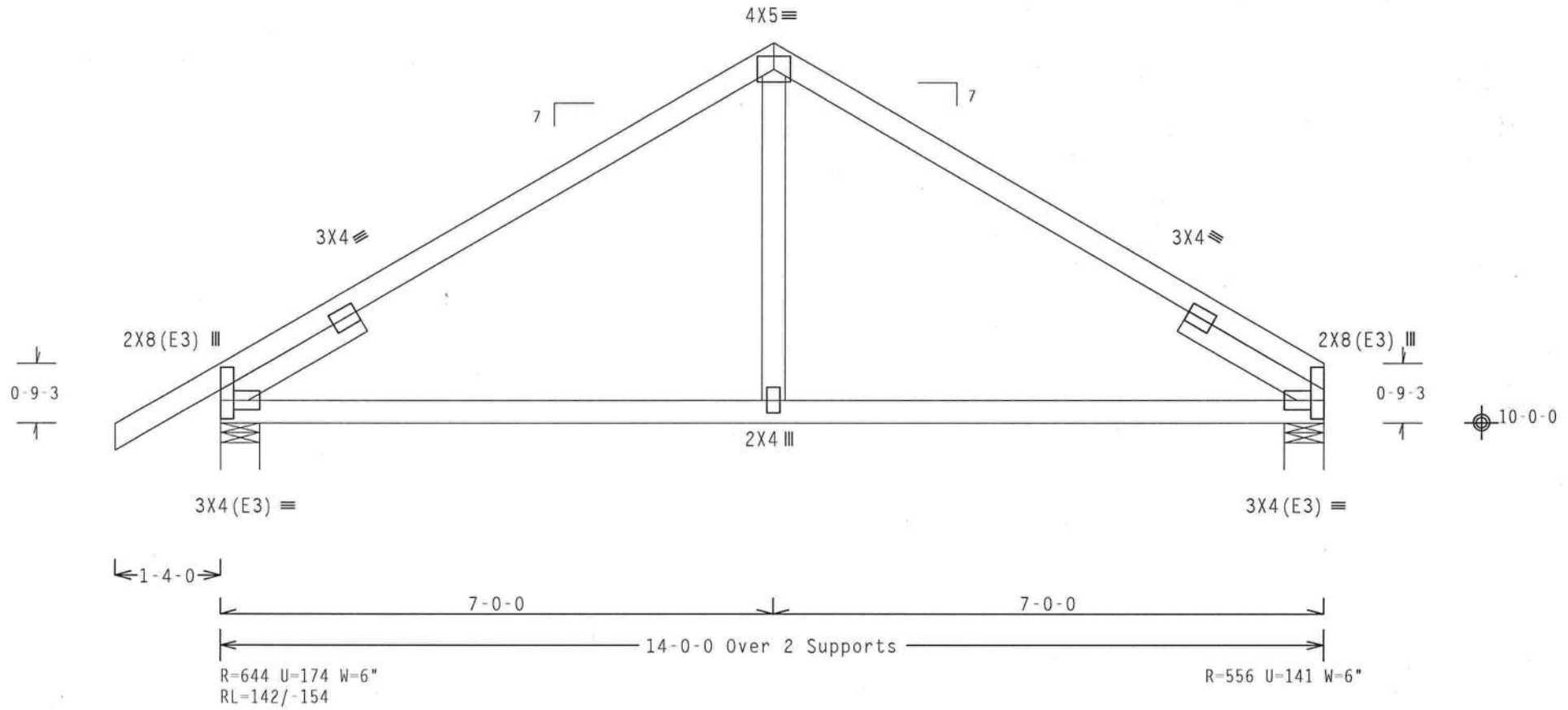
Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 4-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0) 9.01.00.03.0 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. ROLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 09

TC LL	20.0 PSF	REF	R215-- 22145
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196119
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	212385
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A27)

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 = 1.501'
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.501'

Bottom chord checked for 10.00 psf non-concurrent live load.

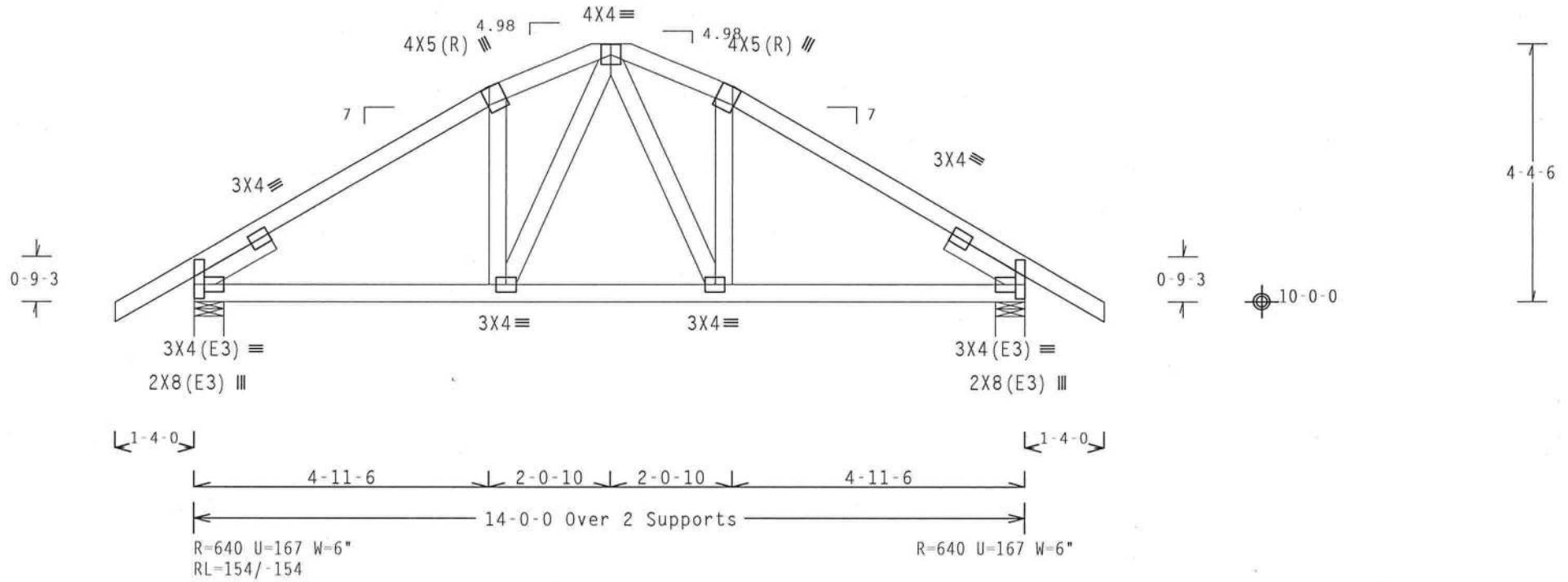
The overall height of this truss excluding overhang is 4-4-6.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:2 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22146
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196049
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	211575
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A28)

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.33 to 60 PLF at 4.00
TC - From 30 PLF at 4.00 to 30 PLF at 10.00
TC - From 60 PLF at 10.00 to 60 PLF at 15.33
BC - From 20 PLF at 0.00 to 20 PLF at 4.00
BC - From 77 PLF at 4.00 to 77 PLF at 10.00
BC - From 20 PLF at 10.00 to 20 PLF at 14.00
BC - 172 LB Conc. Load at 1.55, 12.45
BC - 112 LB Conc. Load at 4.00, 10.00

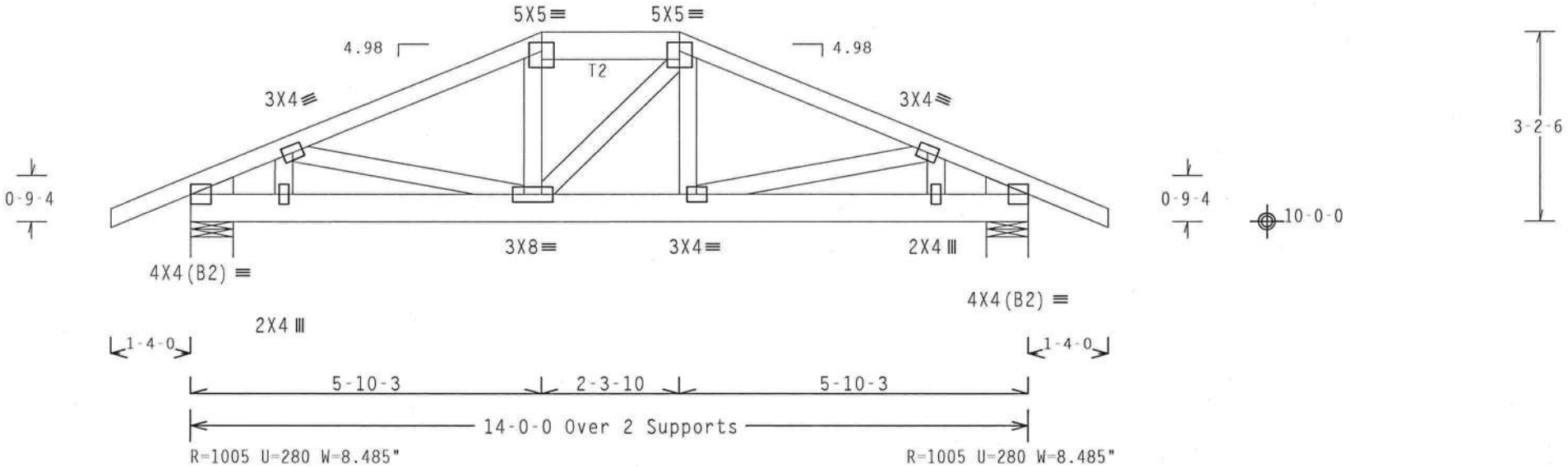
Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

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

The overall height of this truss excluding overhang is 3-2-6.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.0216 QTY:2 FL/-/5/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

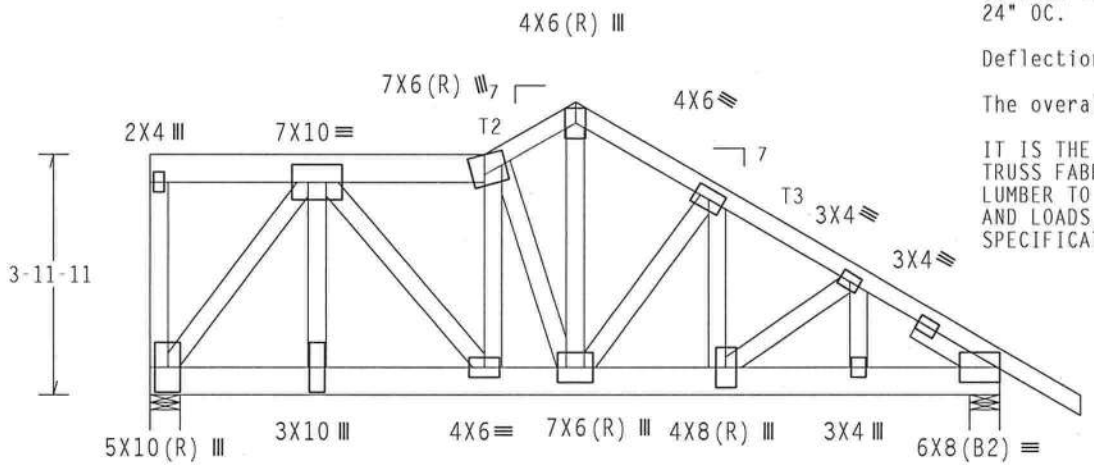
Jul

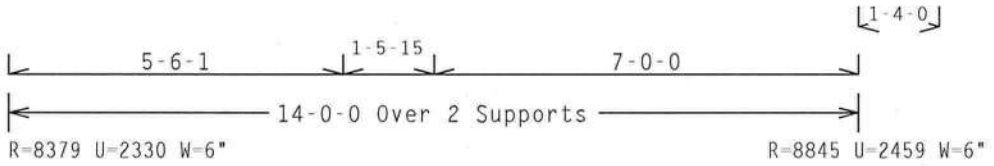
TC LL	20.0 PSF	REF	R215-- 22147
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196042
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211582
DUR.FAC.	1.25	FROM	LRB
SPACING	SEE ABOVE	JREF-	1TTD215_Z04

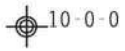
(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A29)

Top chord 2x6 SP #2 N :T2 2x4 SP #2 N:
:T3 2x4 SP #2 Dense:
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 5.50
TC - From 60 PLF at 5.50 to 60 PLF at 7.00
TC - From 60 PLF at 7.00 to 60 PLF at 15.33
BC - From 20 PLF at 0.00 to 20 PLF at 14.00
BC - 2573 LB Conc. Load at 1.06
BC - 2253 LB Conc. Load at 3.06
BC - 2293 LB Conc. Load at 5.06
BC - 1785 LB Conc. Load at 7.06
BC - 2353 LB Conc. Load at 9.06, 13.06
BC - 2413 LB Conc. Load at 11.06







2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
4" o.c. spacing of nails perpendicular and parallel to grain required in area over bearings greater than 4"

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

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

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

The overall height of this truss excluding overhang is 4-10-3.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

TC LL	20.0 PSF	REF	R215-- 22148
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196115
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214772
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A30)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.058'

Left end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

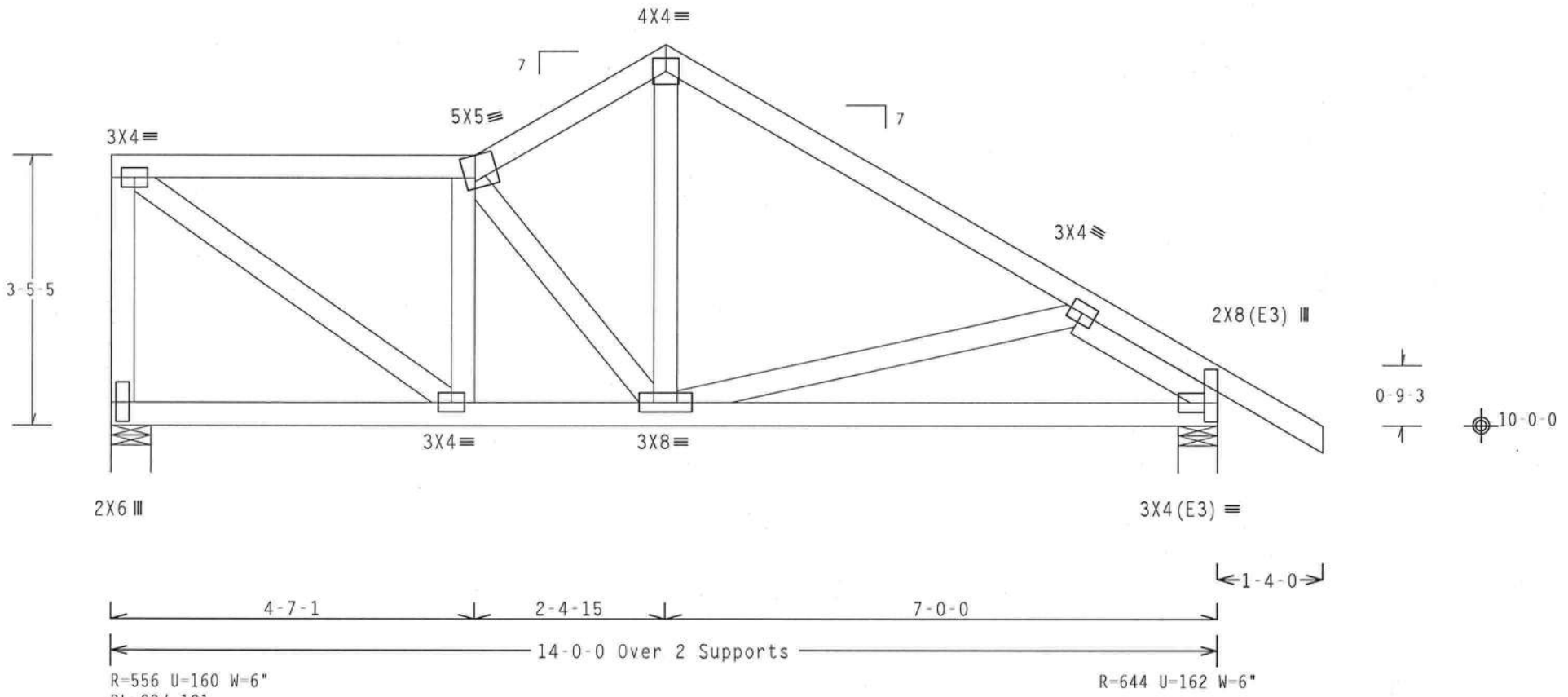
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 4-10-3.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.07 Jul QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0 PSF	REF	R215-- 22149
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196127
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	212389
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TTD215_Z04

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.053'

Left end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

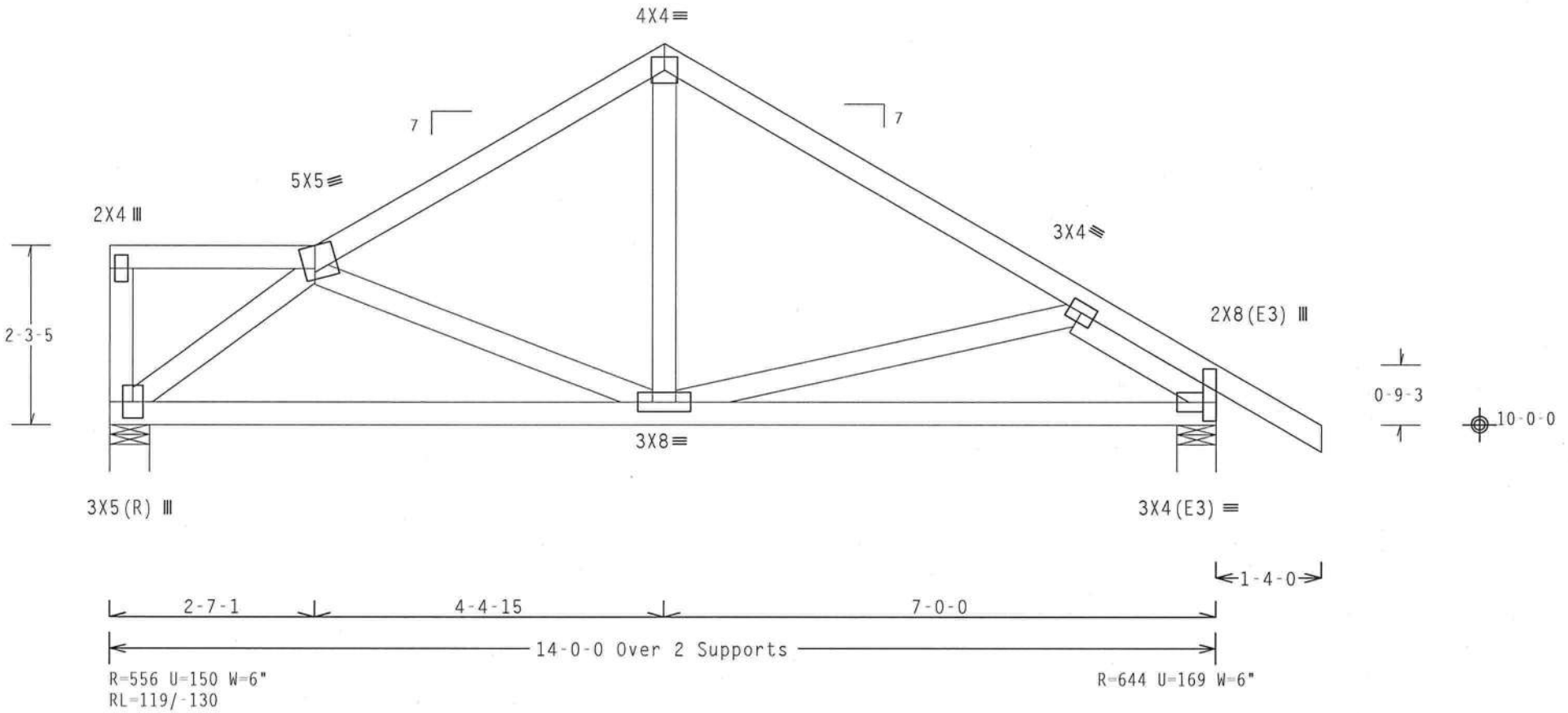
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 4-10-3.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.021 6 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Jul

TC LL	20.0 PSF	REF	R215-- 22150
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196126
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	212390
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A32)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.053'

Bottom chord checked for 10.00 psf non-concurrent live load.

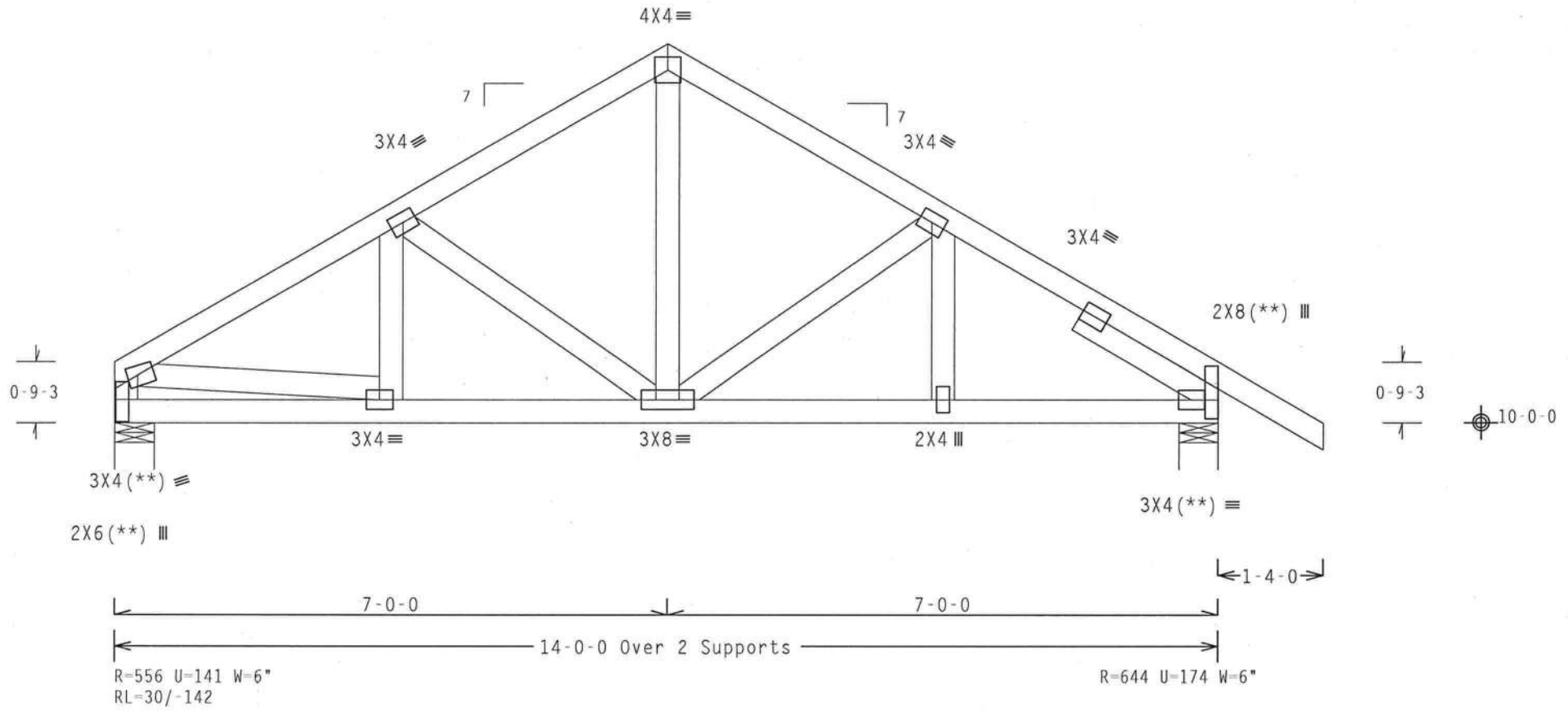
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-10-3.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES R. GOLDING, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22151
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196125
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	212444
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

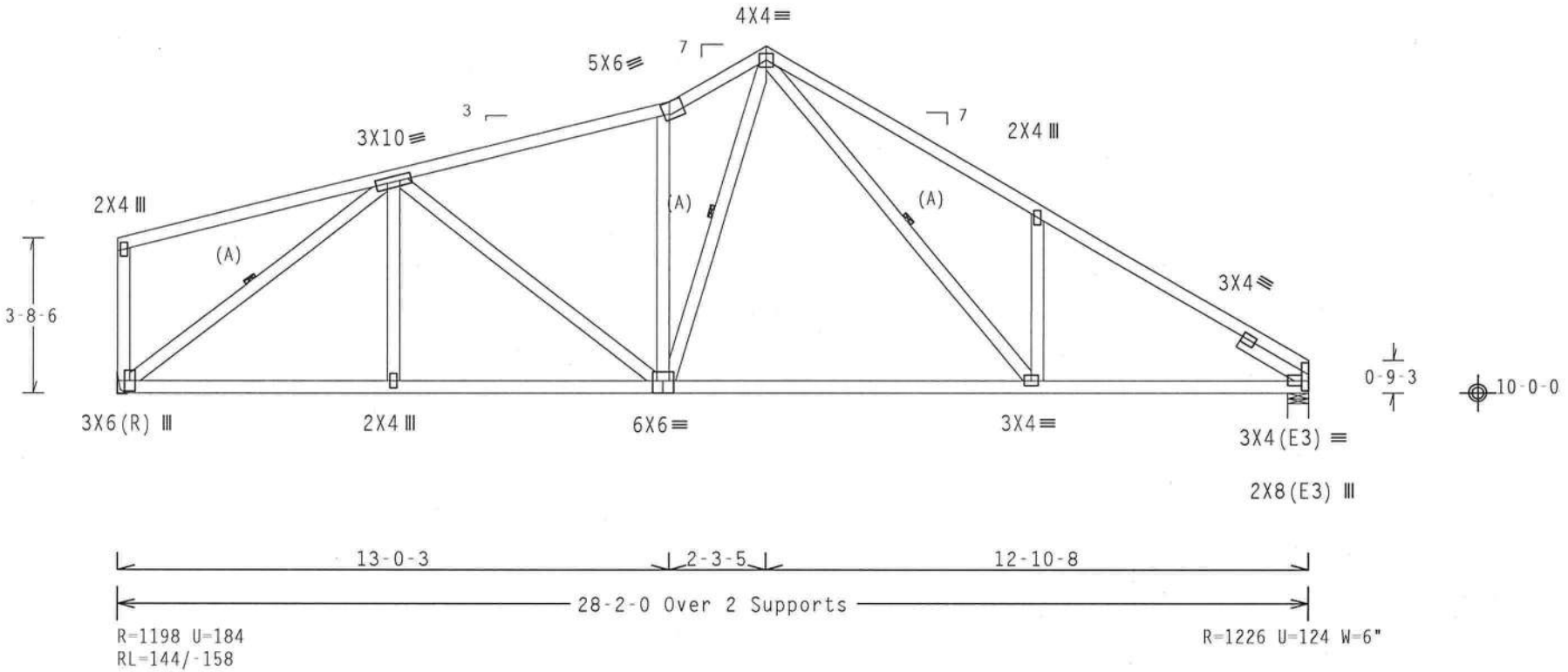
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22152
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196147
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214735
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A34)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

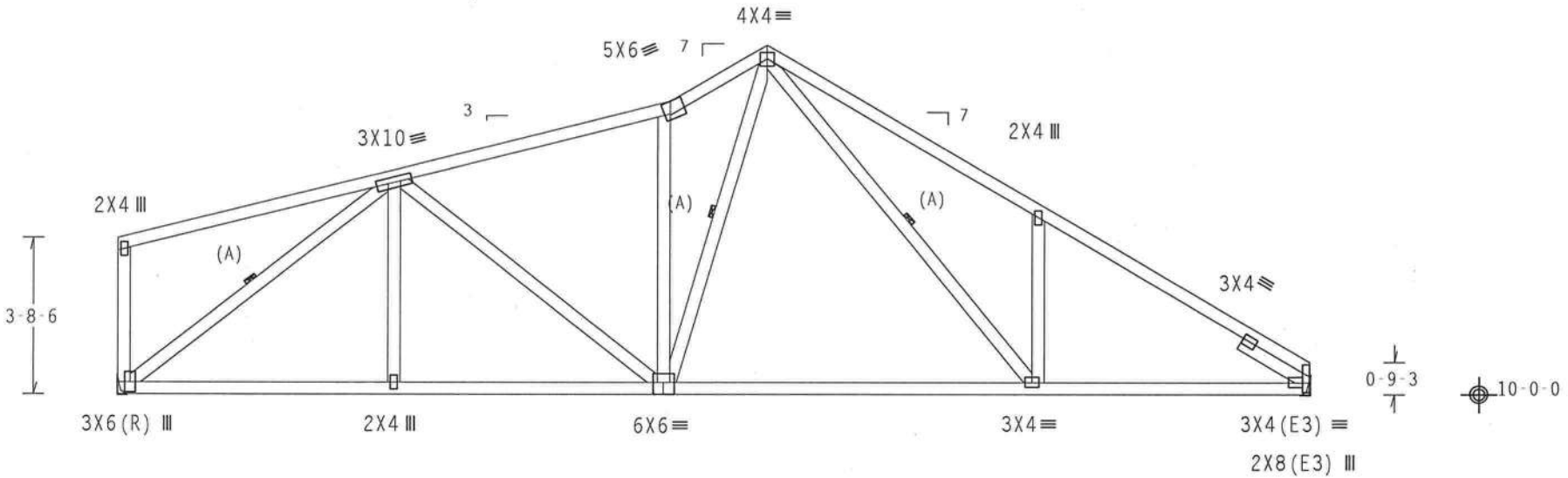
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

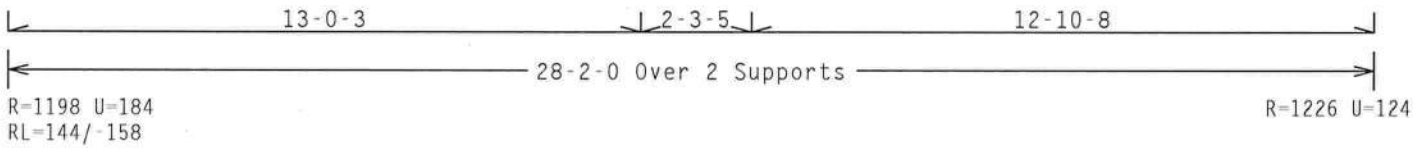
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.4 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 13 '09

TC LL	20.0 PSF	REF	R215-- 22153
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196130
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214742
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A35)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

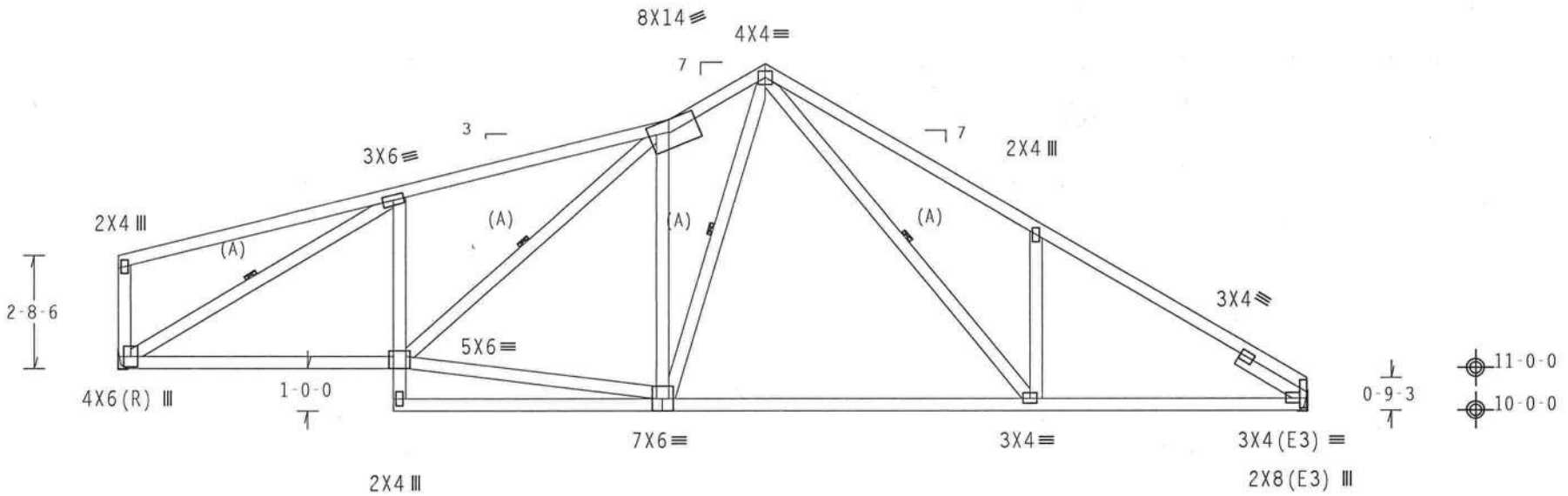
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

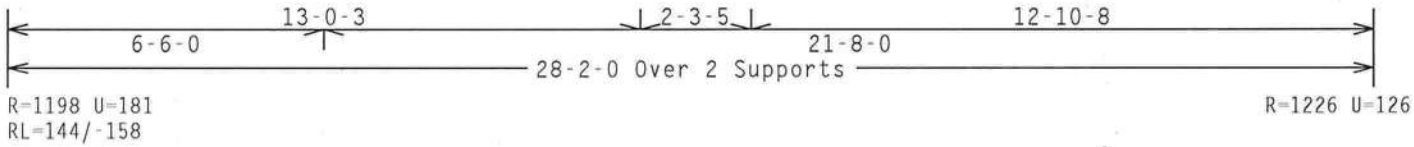
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 7-3-5.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.16 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Jul 1

TC LL	20.0 PSF	REF	R215-- 22154
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196151
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214759
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A36)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

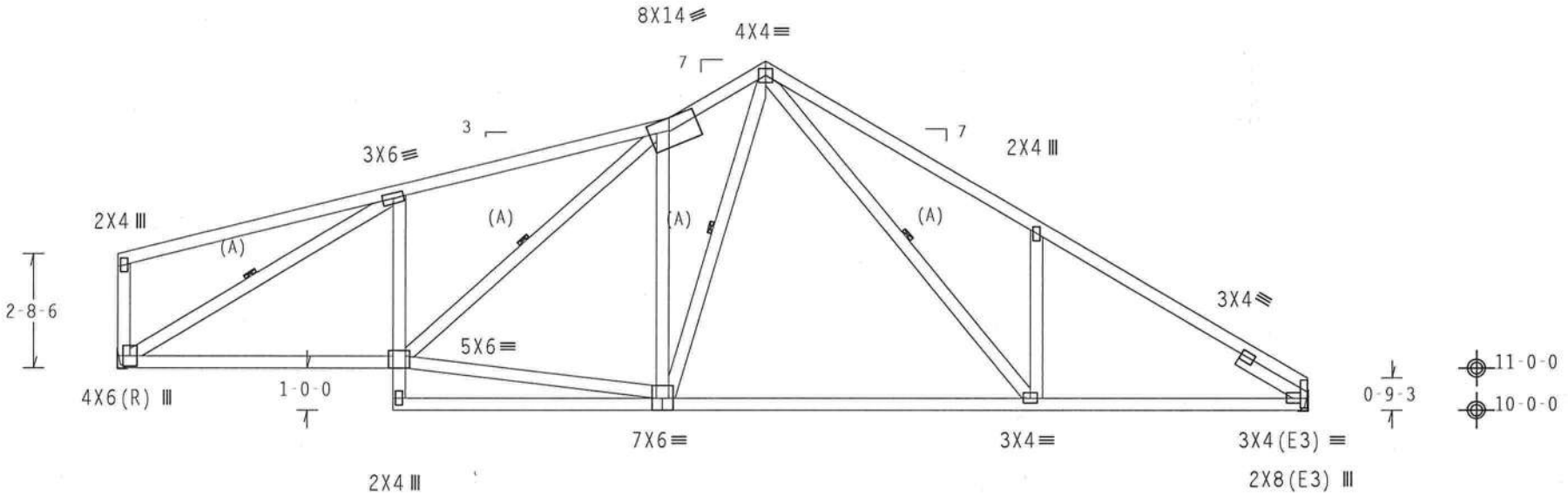
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

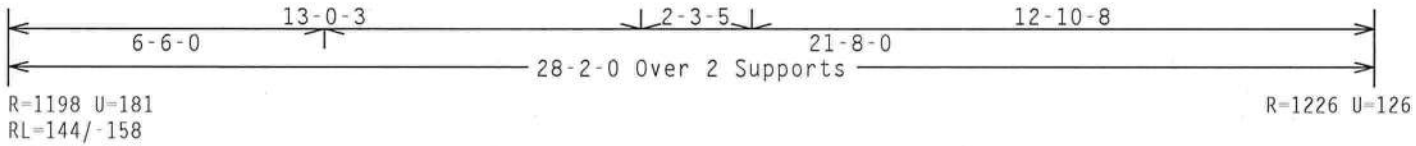
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 7-3-5.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22155
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196153
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214759
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A37)

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.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.90 ft. from roof edge.

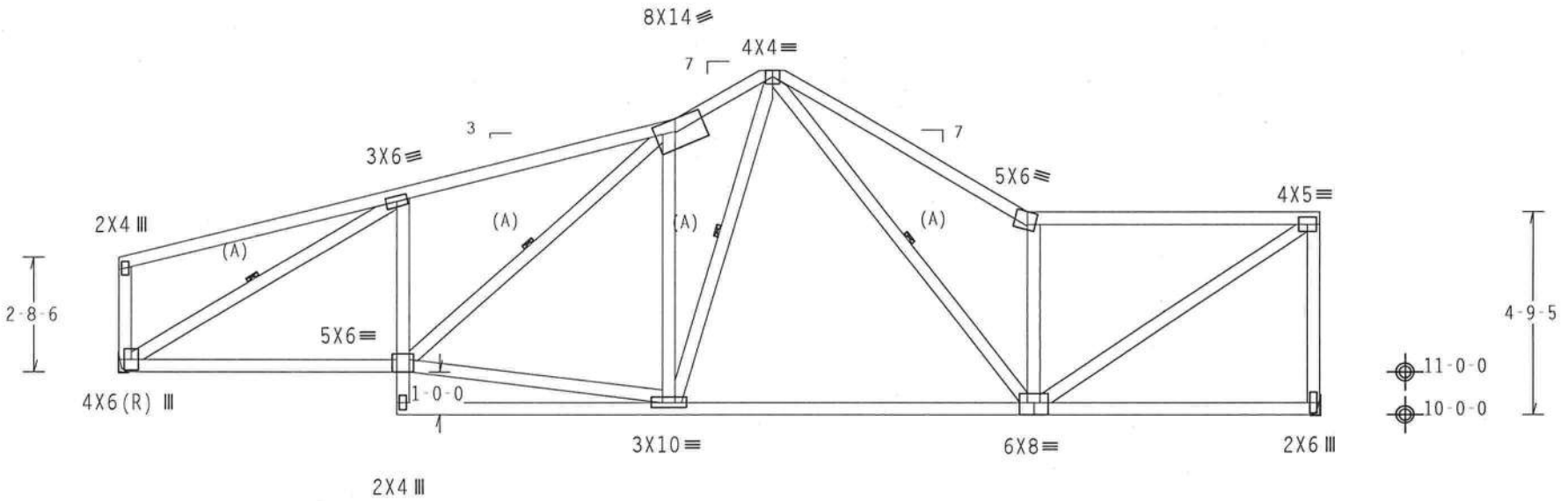
110 mph wind, 15.90 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

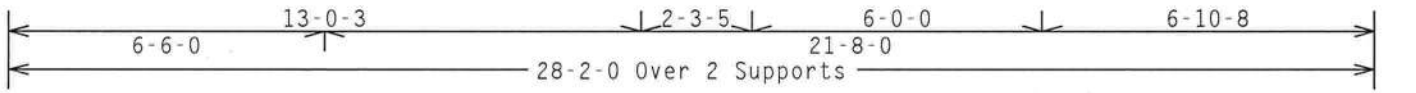
Wind reactions based on MWFRS pressures.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 7-1-5.





R=1196 U=186
RL=116/-64

R=1222 U=163

Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.61 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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Jul 15 09

TC LL	20.0 PSF	REF	R215-- 22156
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196150
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214767
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A38)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W20 2x6 SP #2 N:

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

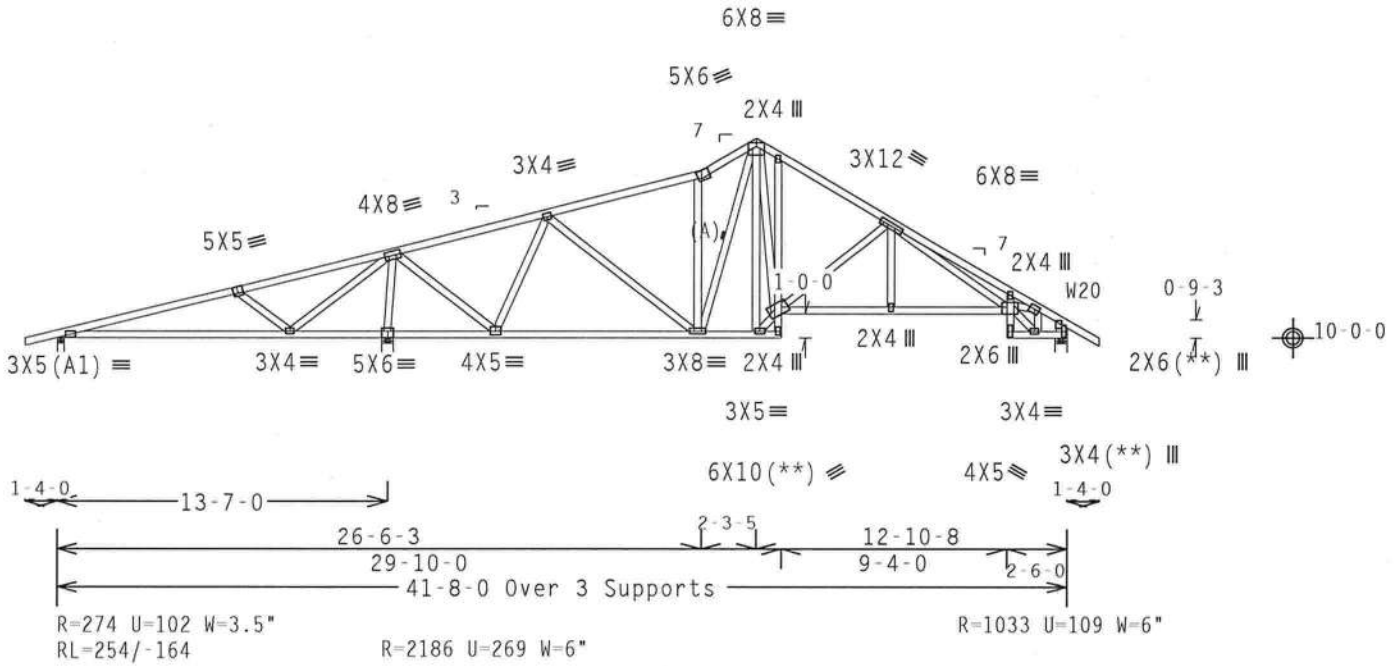
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, 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 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 QTY:6 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0	PSF	REF R215-- 22157
TC DL	10.0	PSF	DATE 07/15/09
BC DL	10.0	PSF	DRW HCUSR215 09196149
BC LL	0.0	PSF	HC-ENG JB/AP
TOT.LD.	40.0	PSF	SEQN- 214632
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A39)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W10 2x4 SP SS: :W18 2x6 SP #2 N:

Calculated horizontal deflection is 0.20" due to live load and 0.19" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.

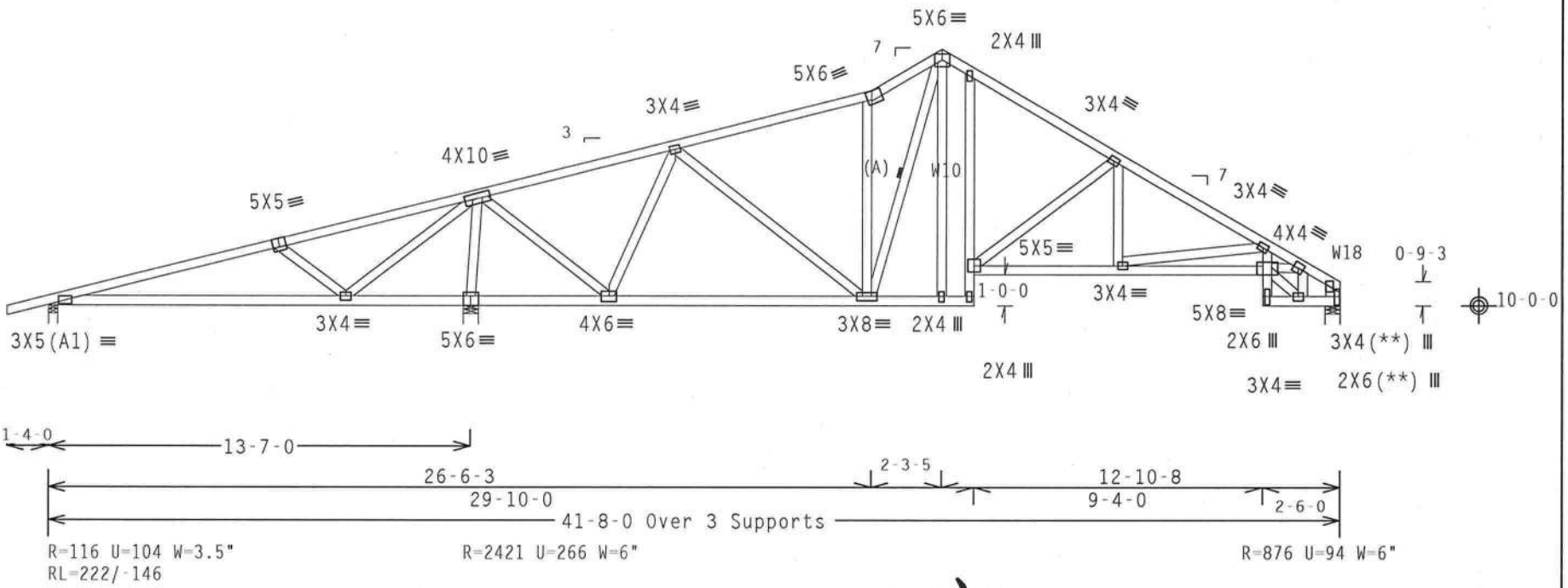
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, 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.

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.46 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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 H. SOLKINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22158
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196133
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214645
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A40)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W16 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 8-3-5.

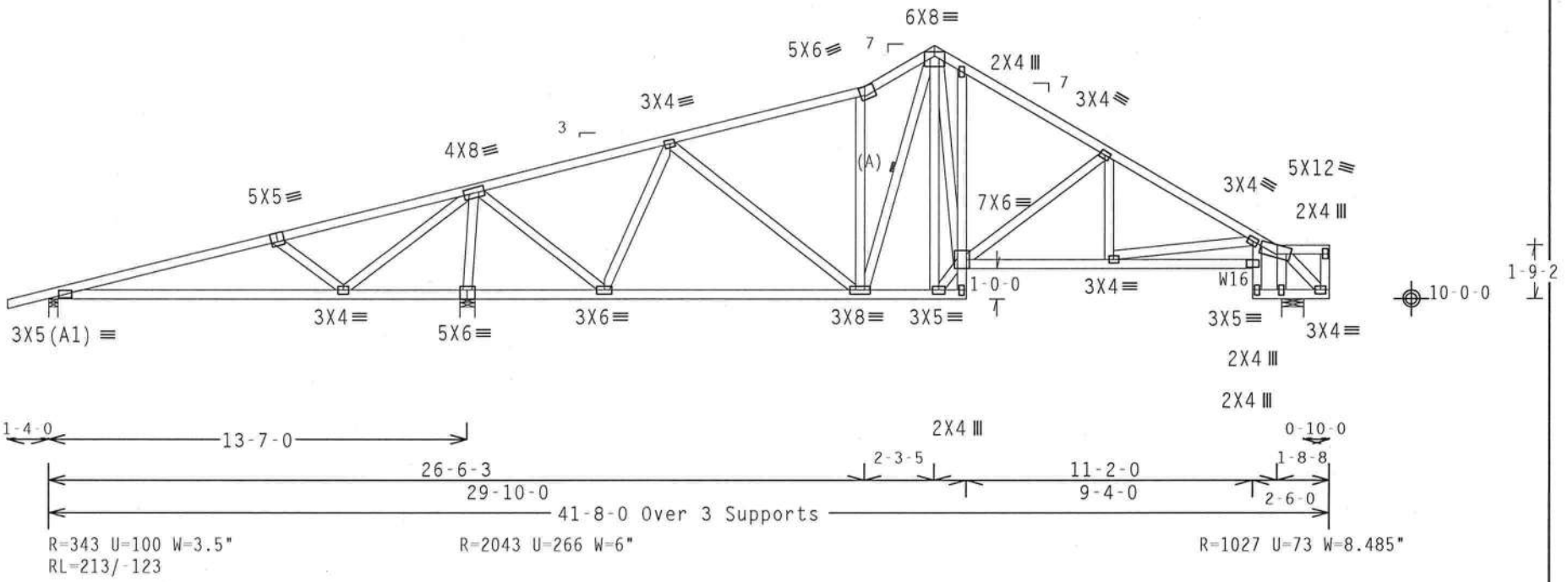
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22159
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196142
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214655
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A41)

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.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.

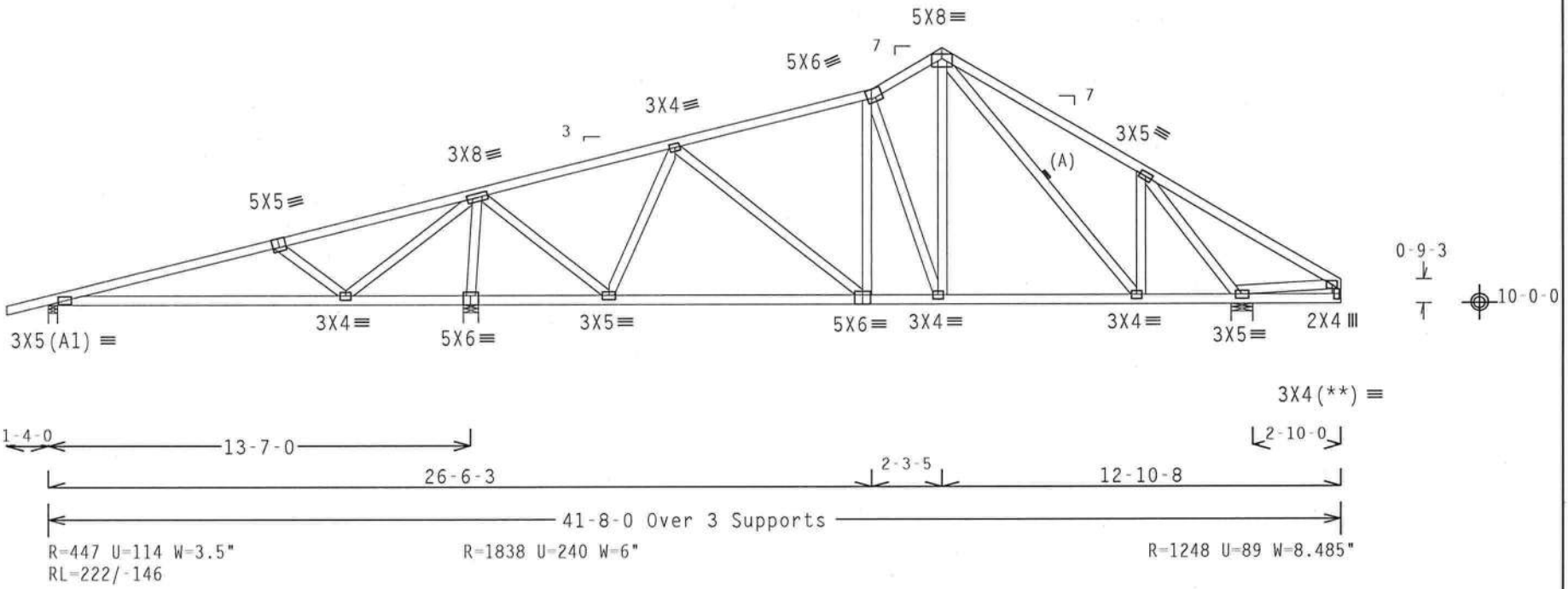
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, 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.

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.061 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 09

TC LL	20.0 PSF	REF R215-- 22160
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196156
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 214663
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A42)

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.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.

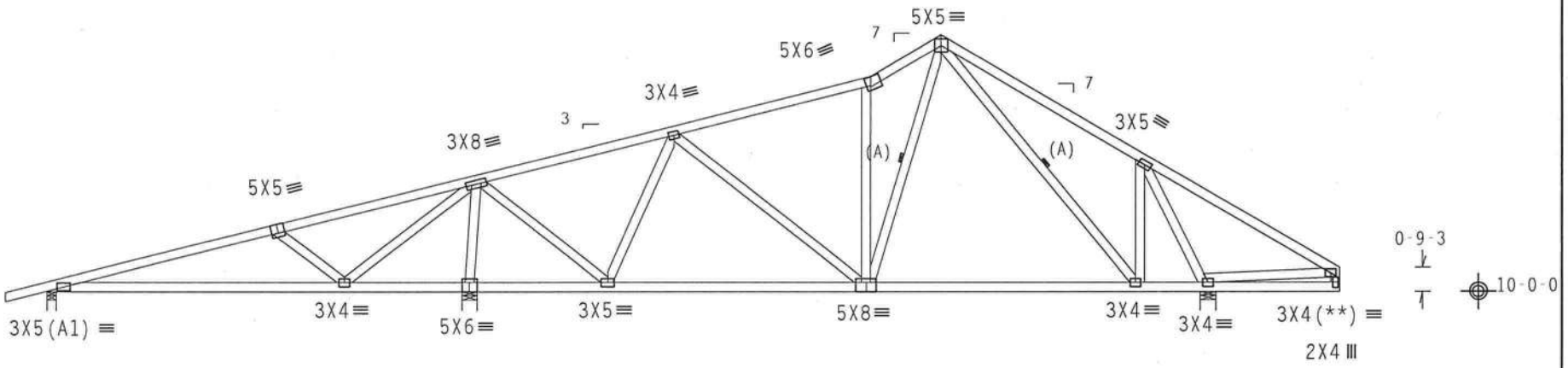
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

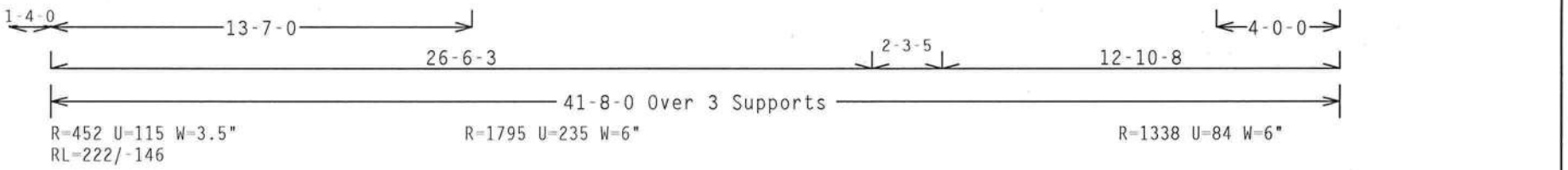
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00. QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22161
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196160
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214667
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A43)

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.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.

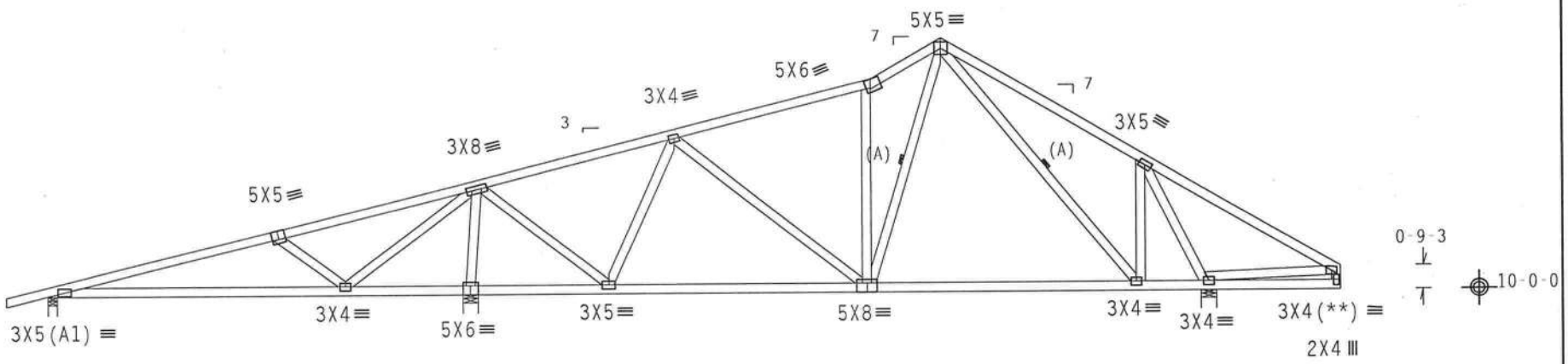
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

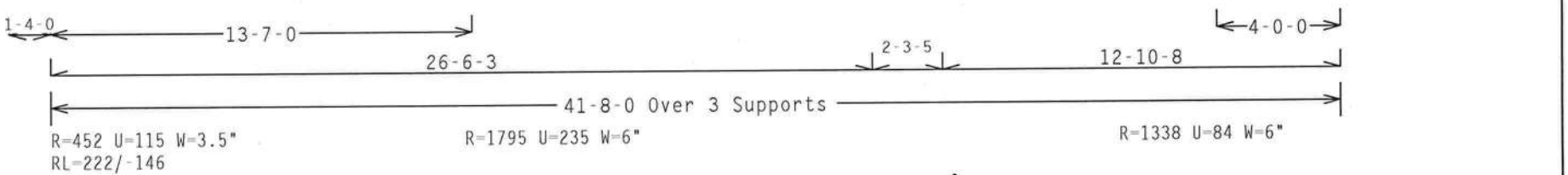
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.76 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF R215-- 22162
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196159
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 214671
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A44)

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.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.

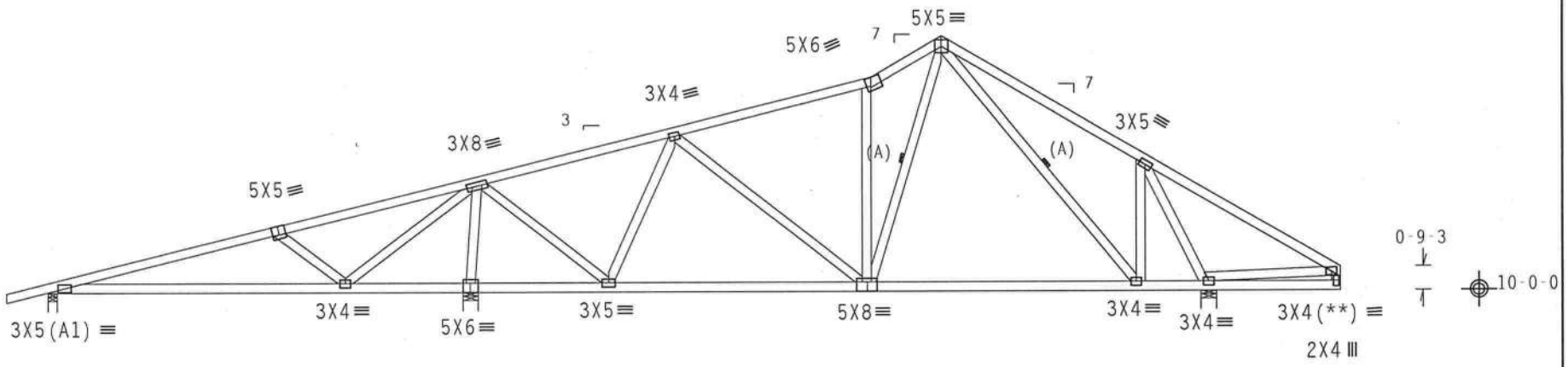
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

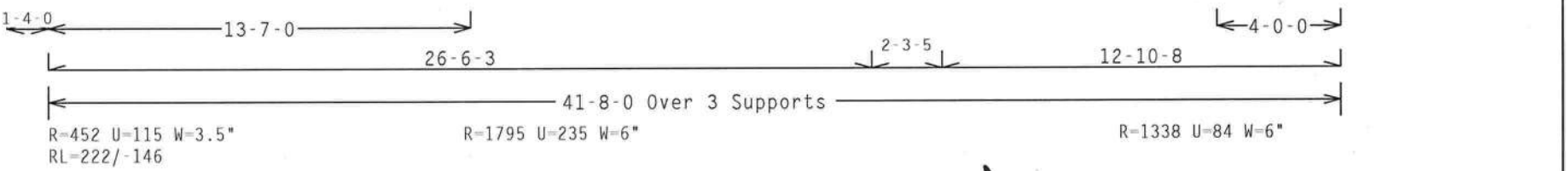
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.0610 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju

TC LL	20.0 PSF	REF	R215-- 22163
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196158
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214676
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - 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.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.

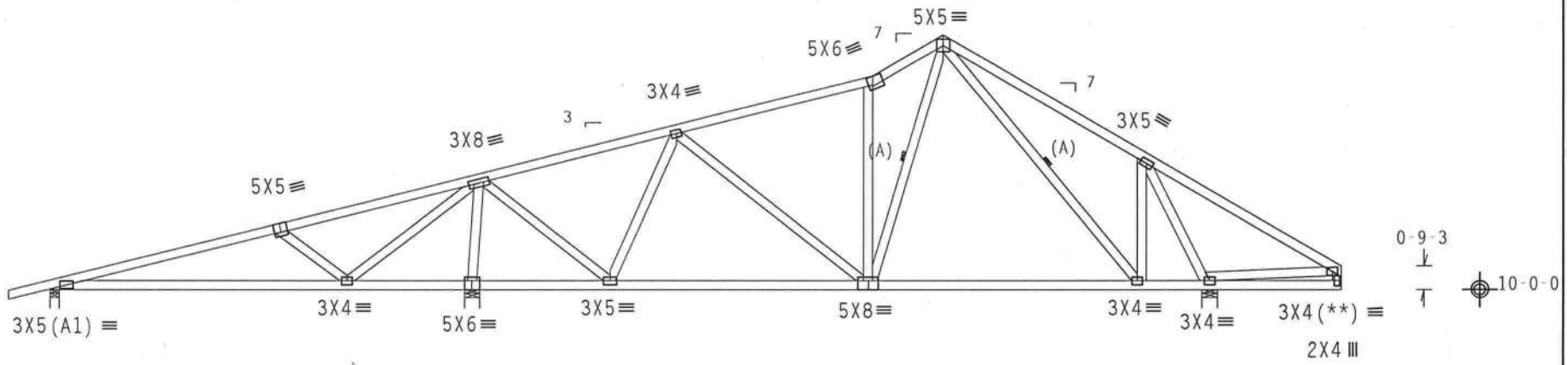
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

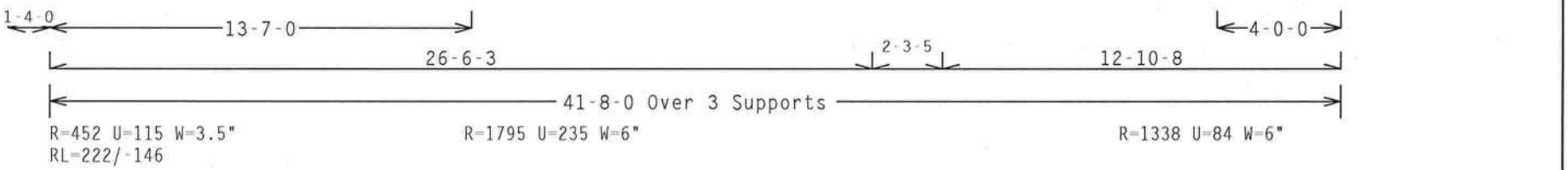
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.





R=452 U=115 W=3.5"
RL=222/-146

R=1795 U=235 W=6"

R=1338 U=84 W=6"

Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave

FT/RT=20%(0%)/0(0) 9.02.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Ju

TC LL	20.0 PSF	REF	R215-- 22164
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196157
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214680
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

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.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

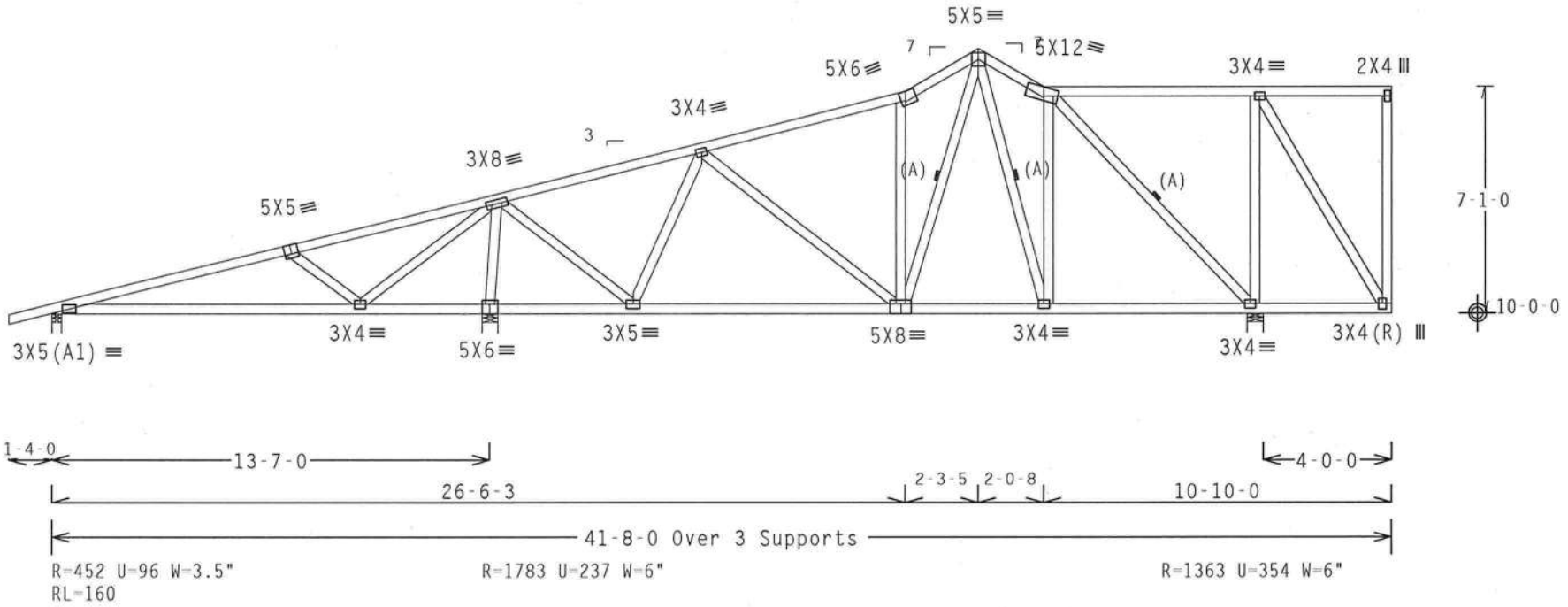
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

The overall height of this truss excluding overhang is 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22165
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196154
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214685
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION --- , ** - A47)

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.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

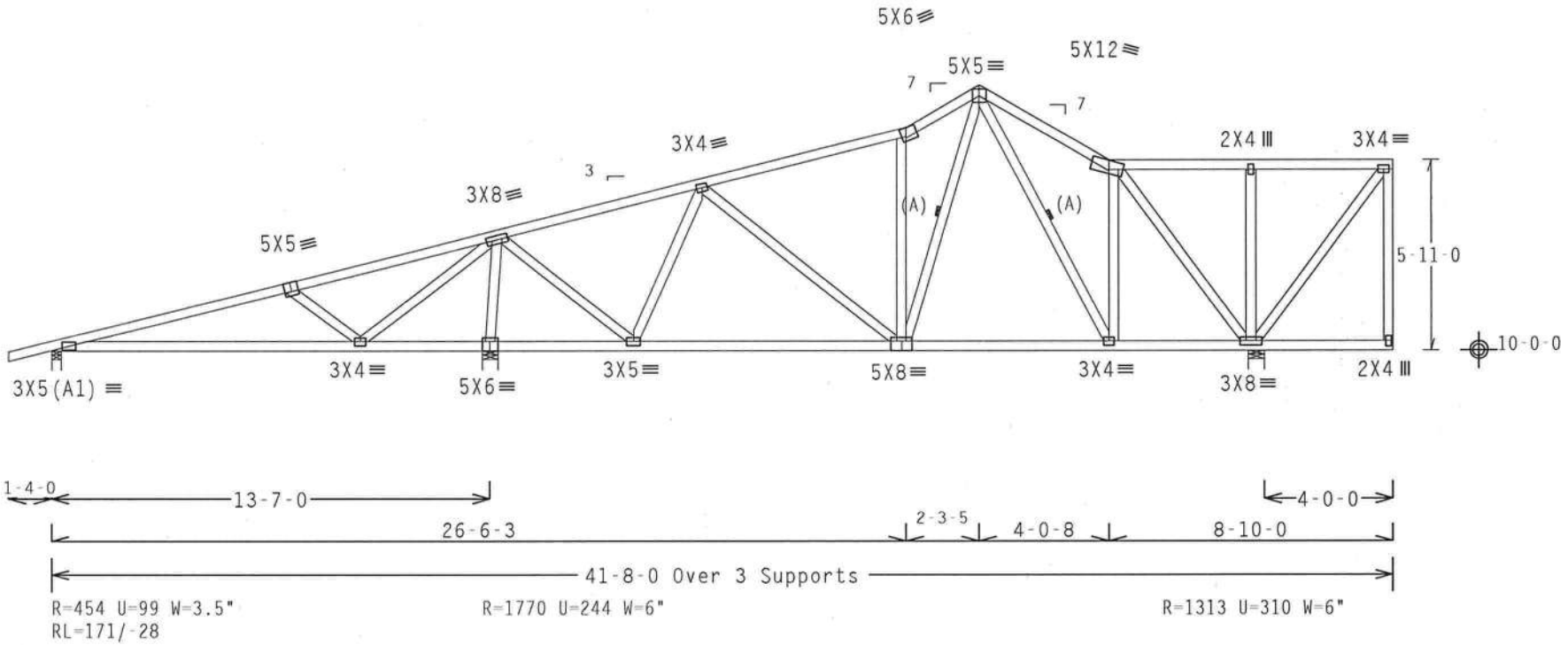
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

The overall height of this truss excluding overhang is 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave | FT/RT=20%(0%)/0(0) | 9.02.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES A. COLKINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22166
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196135
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214689
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A48)

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.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

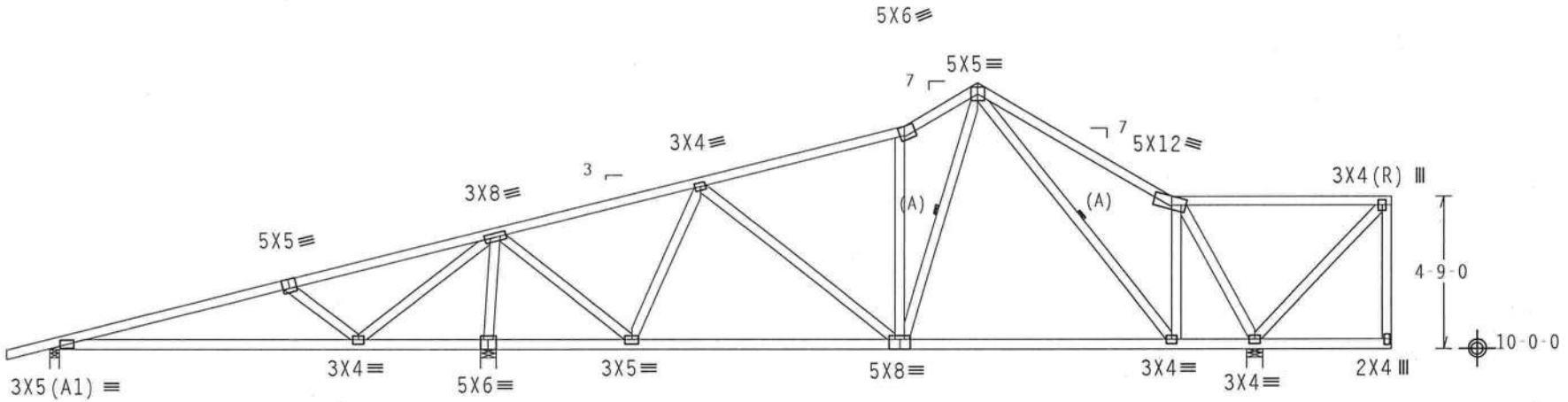
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

The overall height of this truss excluding overhang is 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave | FT/RT=20%(0%)/0(0) | 9.02.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES H. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22167
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196134
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214693
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A49)

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.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

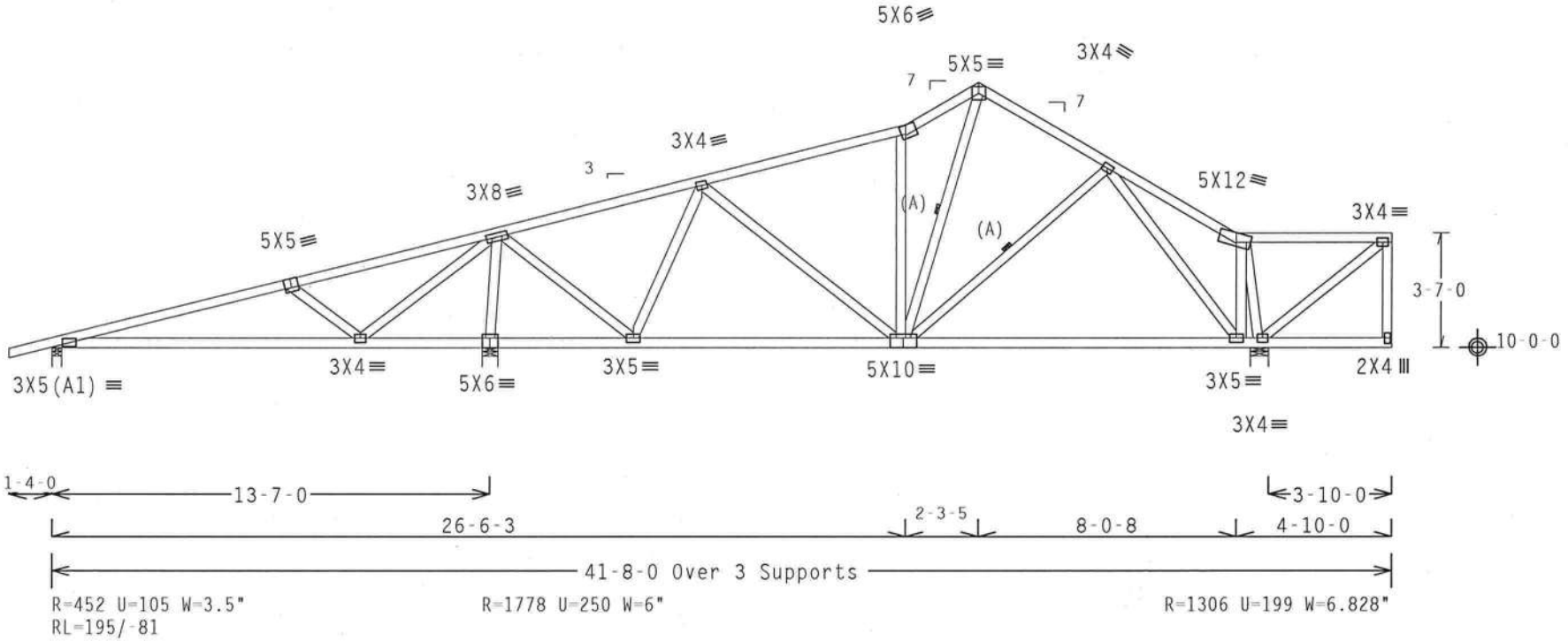
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

The overall height of this truss excluding overhang is 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.[illegible] QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COULING, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul [illegible]

TC LL	20.0 PSF	REF	R215-- 22168
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196148
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214701
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

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.

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

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

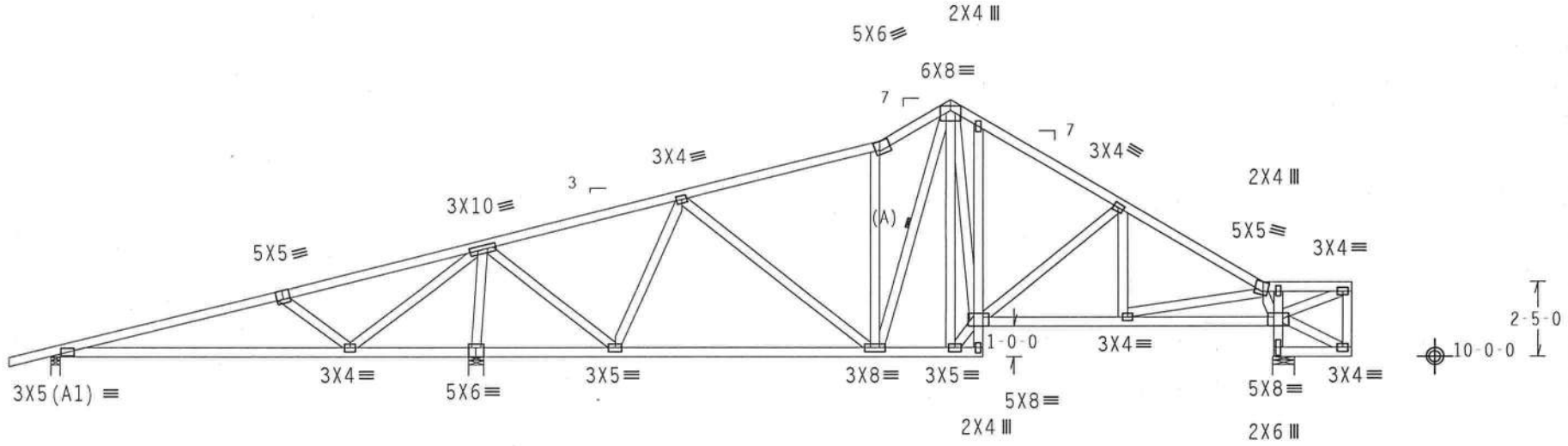
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 J06 [illegible]17 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Jul [illegible]

TC LL	20.0 PSF	REF	R215-- 22169
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196155
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	214713
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A51)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W20 2x6 SP #2 N:

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

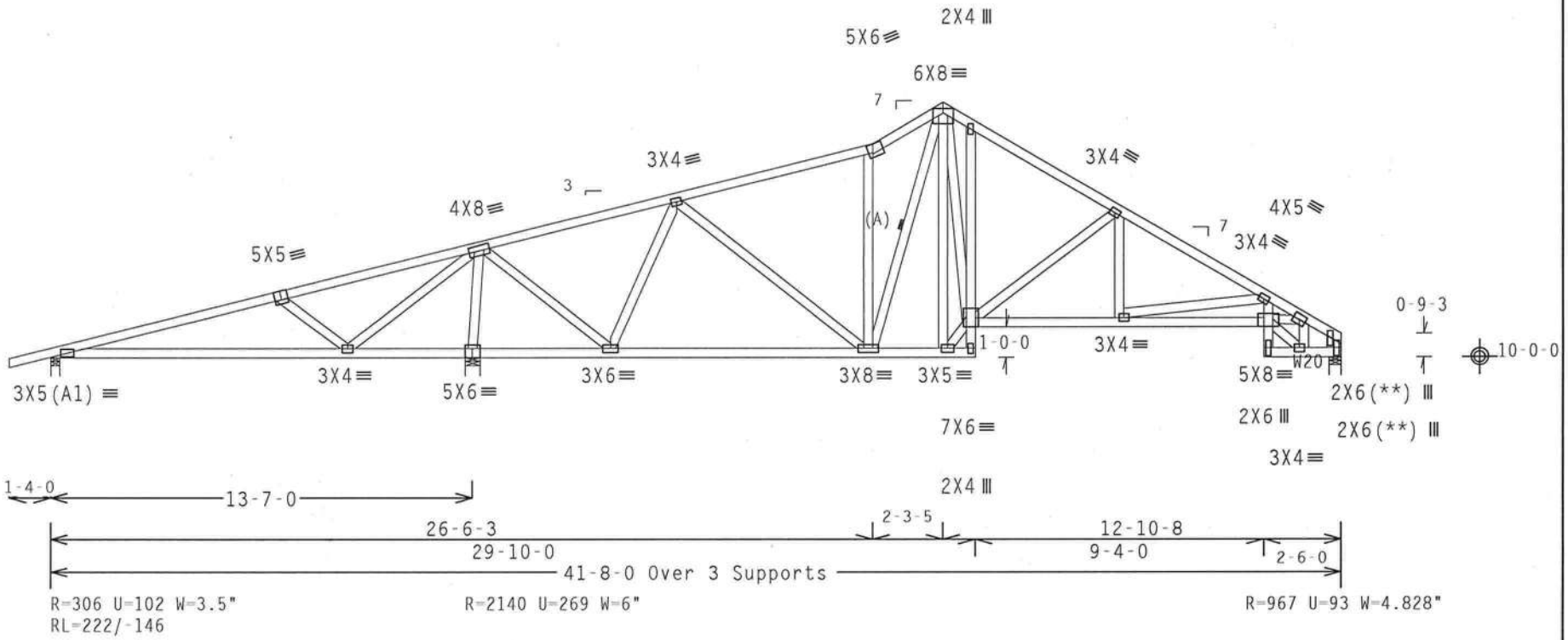
MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, 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 8-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.06 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COELIO, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15,2009

TC LL	20.0 PSF	REF	R215-- 22170
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196143
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	214729
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

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.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.85 ft. from roof edge.

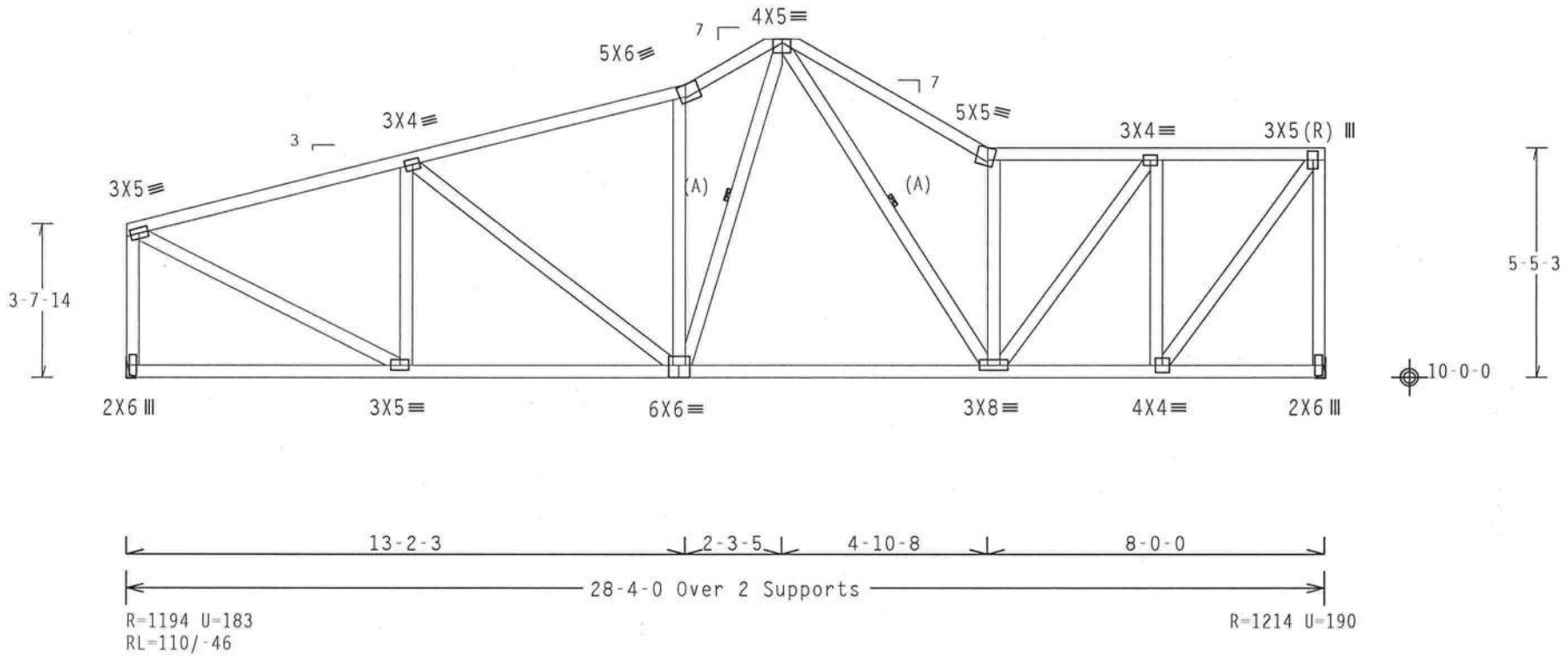
110 mph wind, 15.85 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-0-7.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.(QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES E. FOLLING, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22171
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196121
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214574
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A53)

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.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 9-3-5.

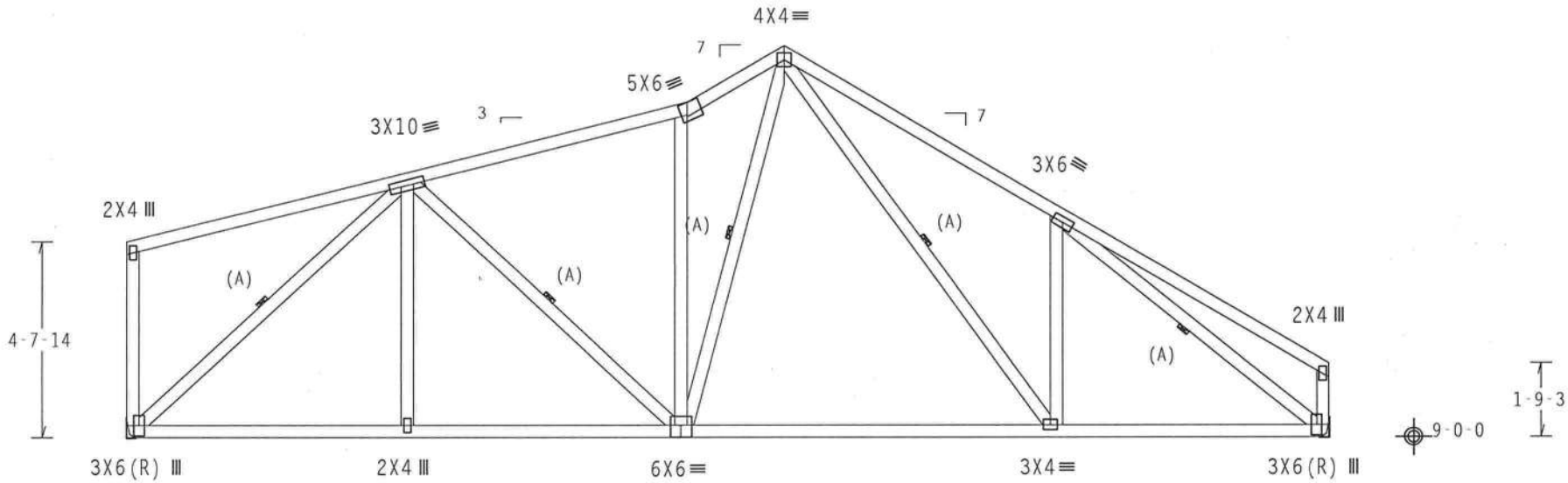
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

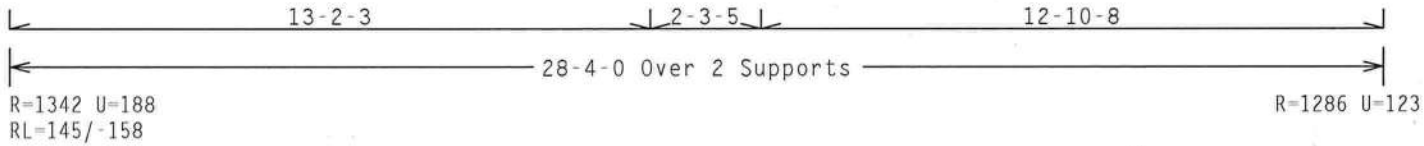
Wind reactions based on MWFRS pressures.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.0610.17 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0 PSF	REF	R215-- 22172
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196137
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214585
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A54)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

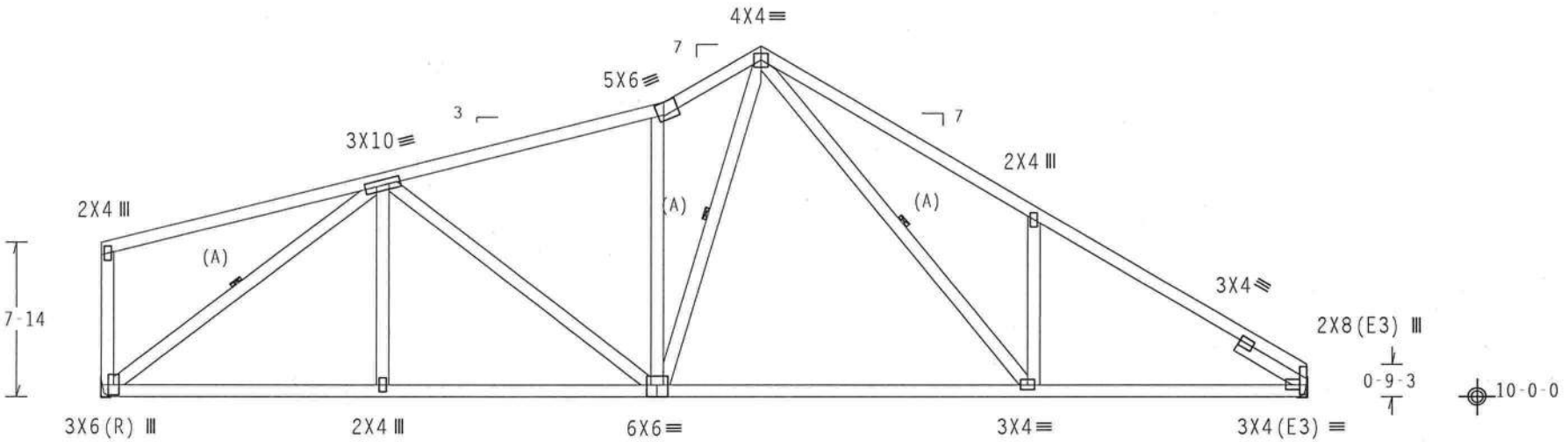
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

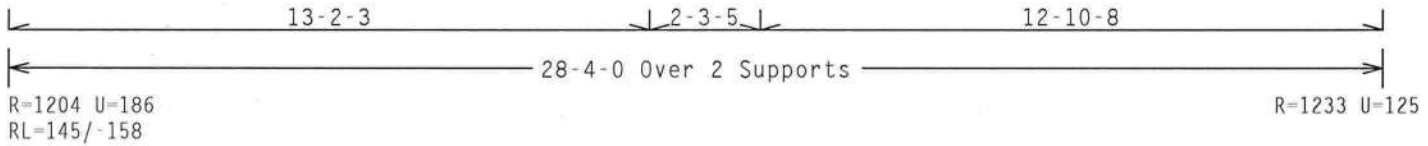
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00.0611 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0 PSF	REF	R215-- 22173
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196140
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214594
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

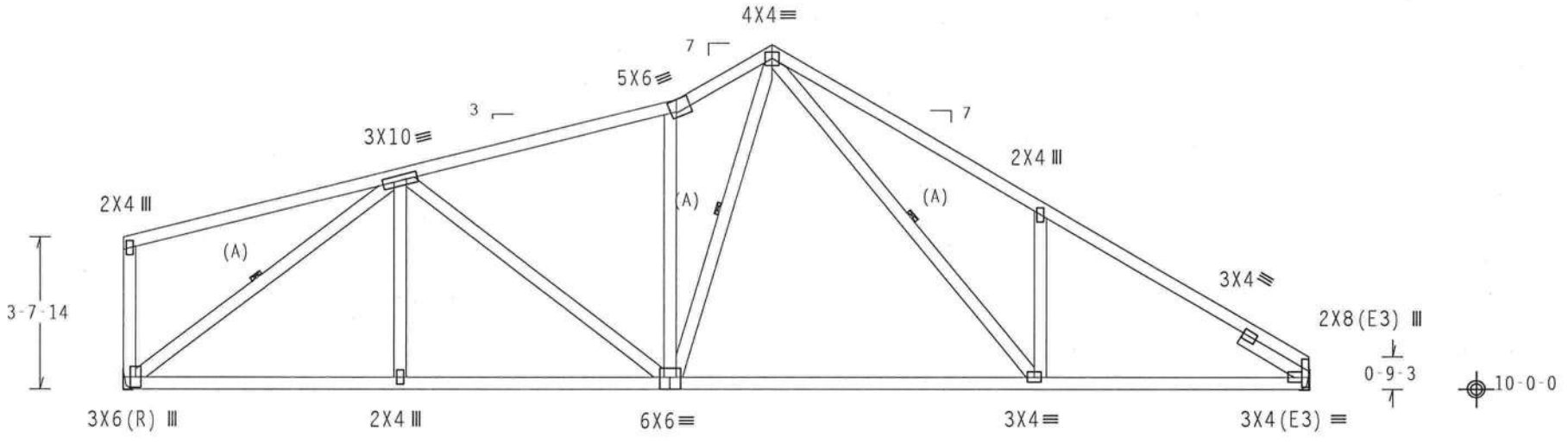
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

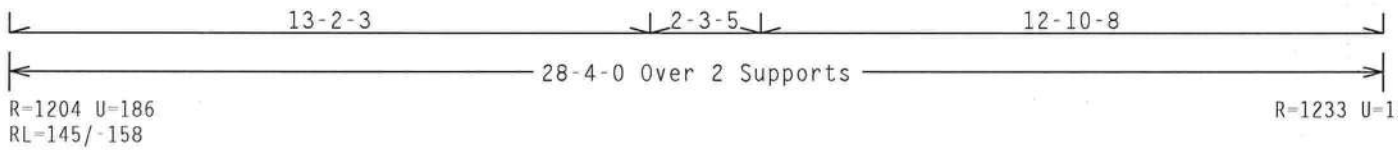
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.





Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0) 9.02.00

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

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES A. GOLLING JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 09

TC LL	20.0 PSF	REF	R215-- 22174
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196139
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214594
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - A56)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.890'

Left end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

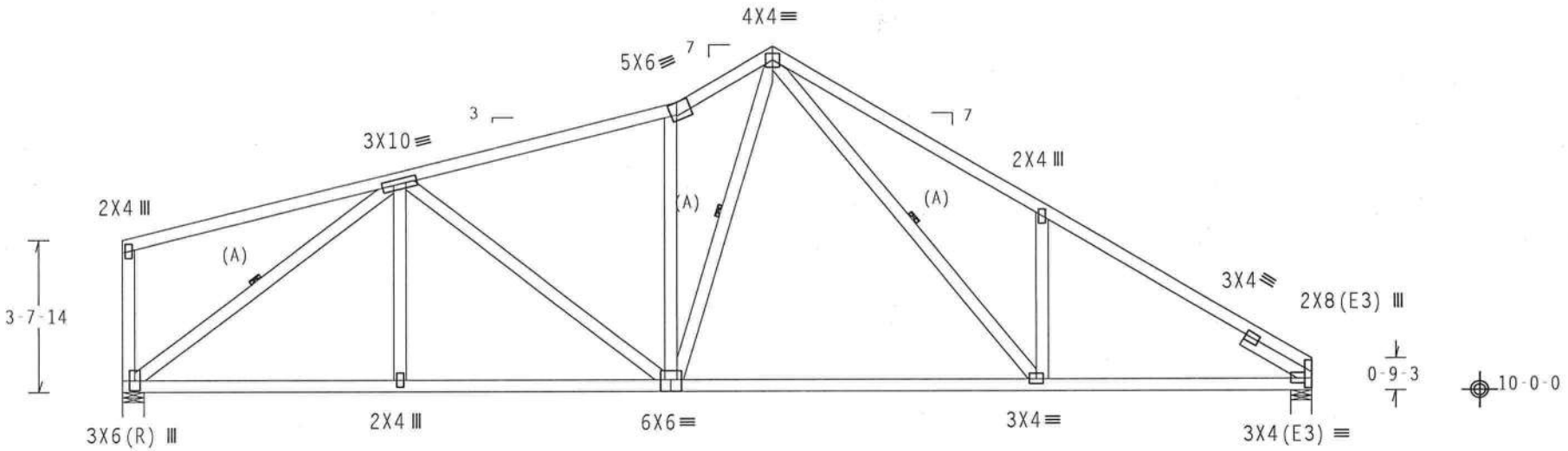
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

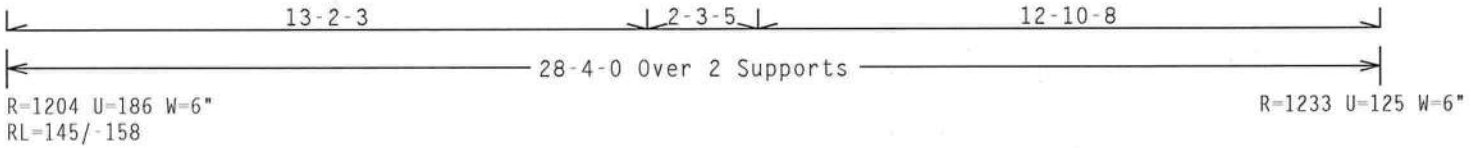
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8-3-5.





R=1204 U=186 W=6"
RL=145/-158

R=1233 U=125 W=6"

Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Jul 15 '09

TC LL	20.0 PSF	REF R215-- 22175
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196136
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 214610
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - B1)

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

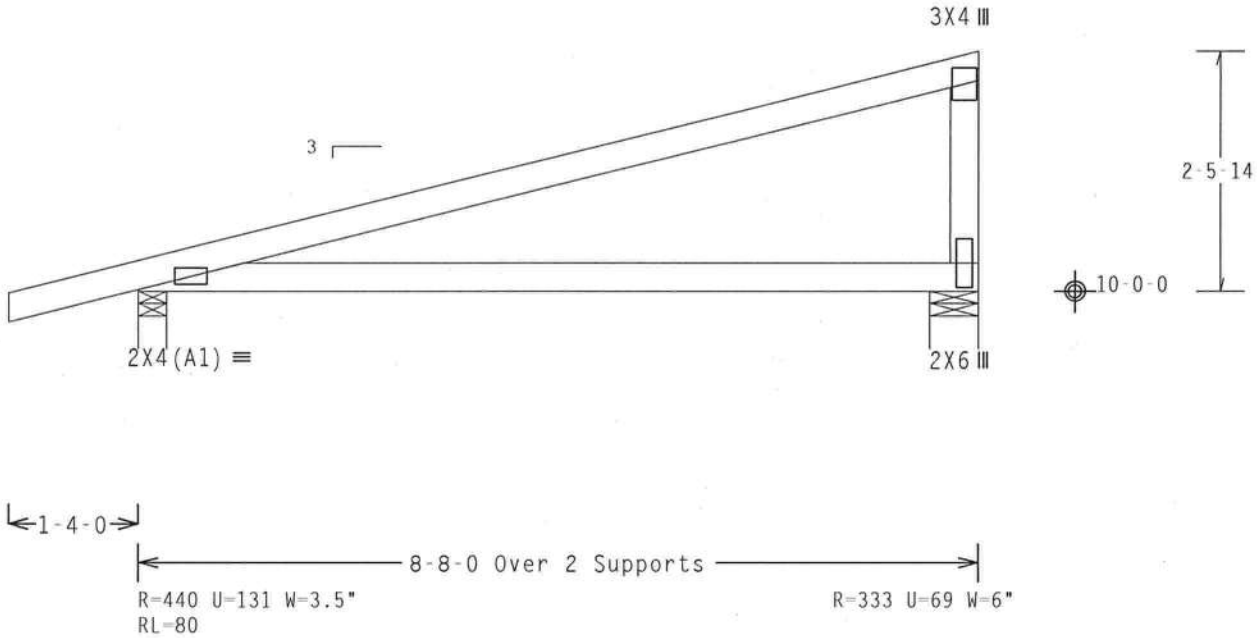
The overall height of this truss excluding overhang is 2-5-14.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.02.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22176
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196141
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	214518
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Stack Chord SC1 2x4 SP #2 N::Stack Chord SC2 2x4 SP #2 N:

Gable end supports 8" max rake overhang.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

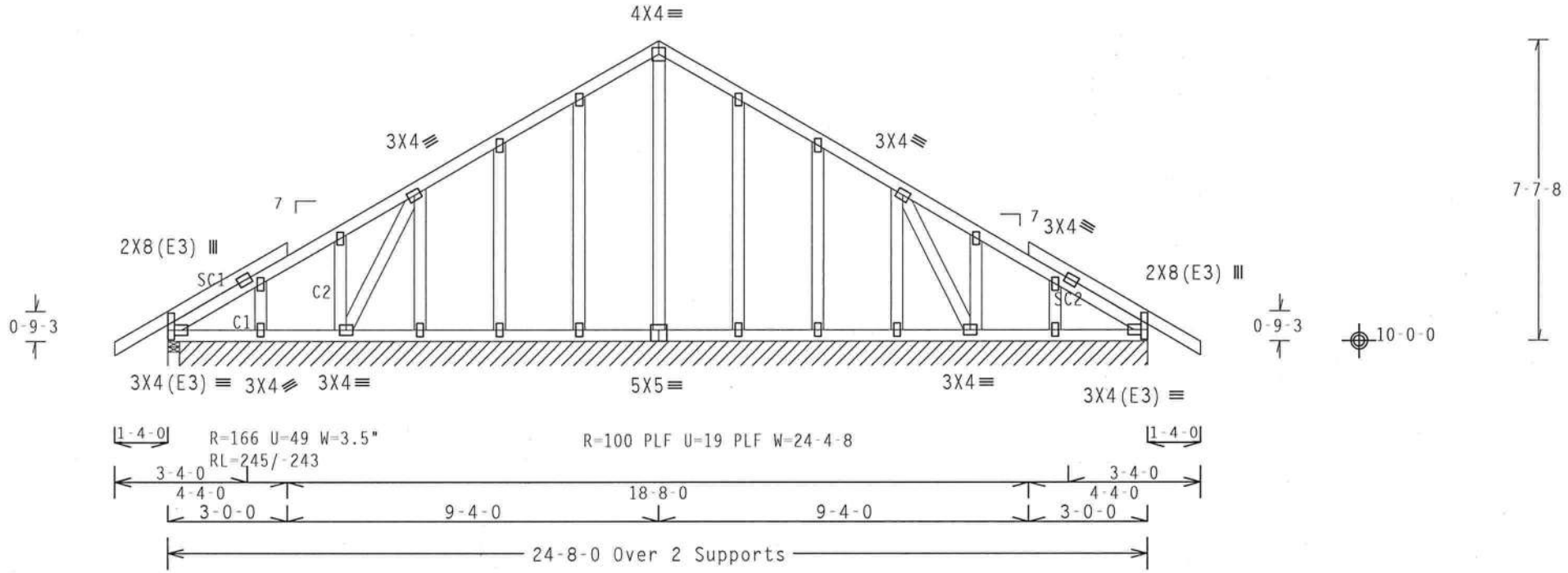
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.023 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22177
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196090
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211311
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - HF)

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 & SRB grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

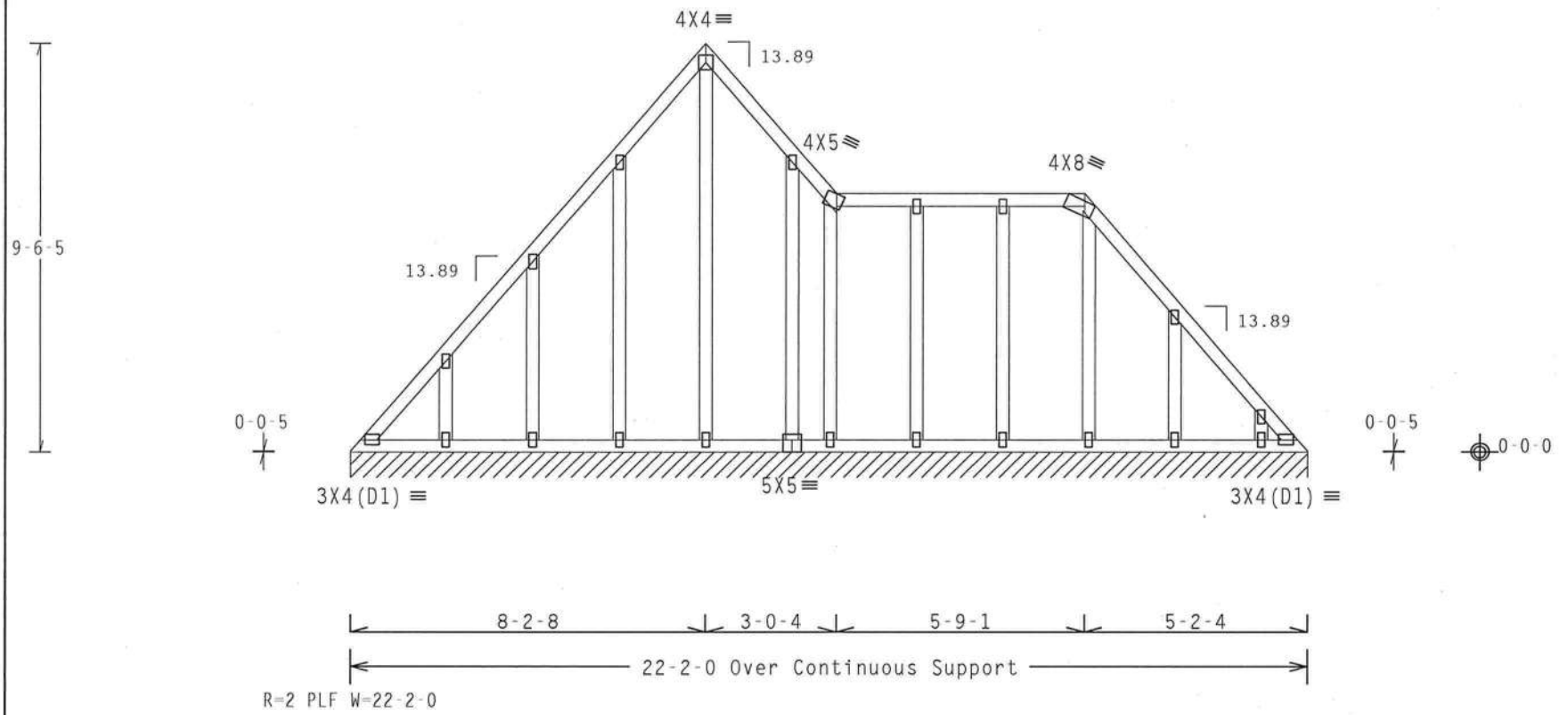
Deflection meets L/240 live and L/180 total load.

NOTE: THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS.
IT IS ONLY TO BE USED AS A ROOF HIP FRAME.
SEE DETAIL HIPFRAME0109 FOR MORE INFORMATION.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 1 PLF at 0.00 to 1 PLF at 21.70
BC - From 1 PLF at 0.00 to 1 PLF at 21.70

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

The overall height of this truss excluding overhang is 9-6-5.



Note: All Plates Are 2X4 Except As Shown.
Design Crit: FBC07HVHZRes/TPI-2002(STD)
PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.02 Jul QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0 PSF	REF	R215-- 22178
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196092
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211378
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TTD215_Z04

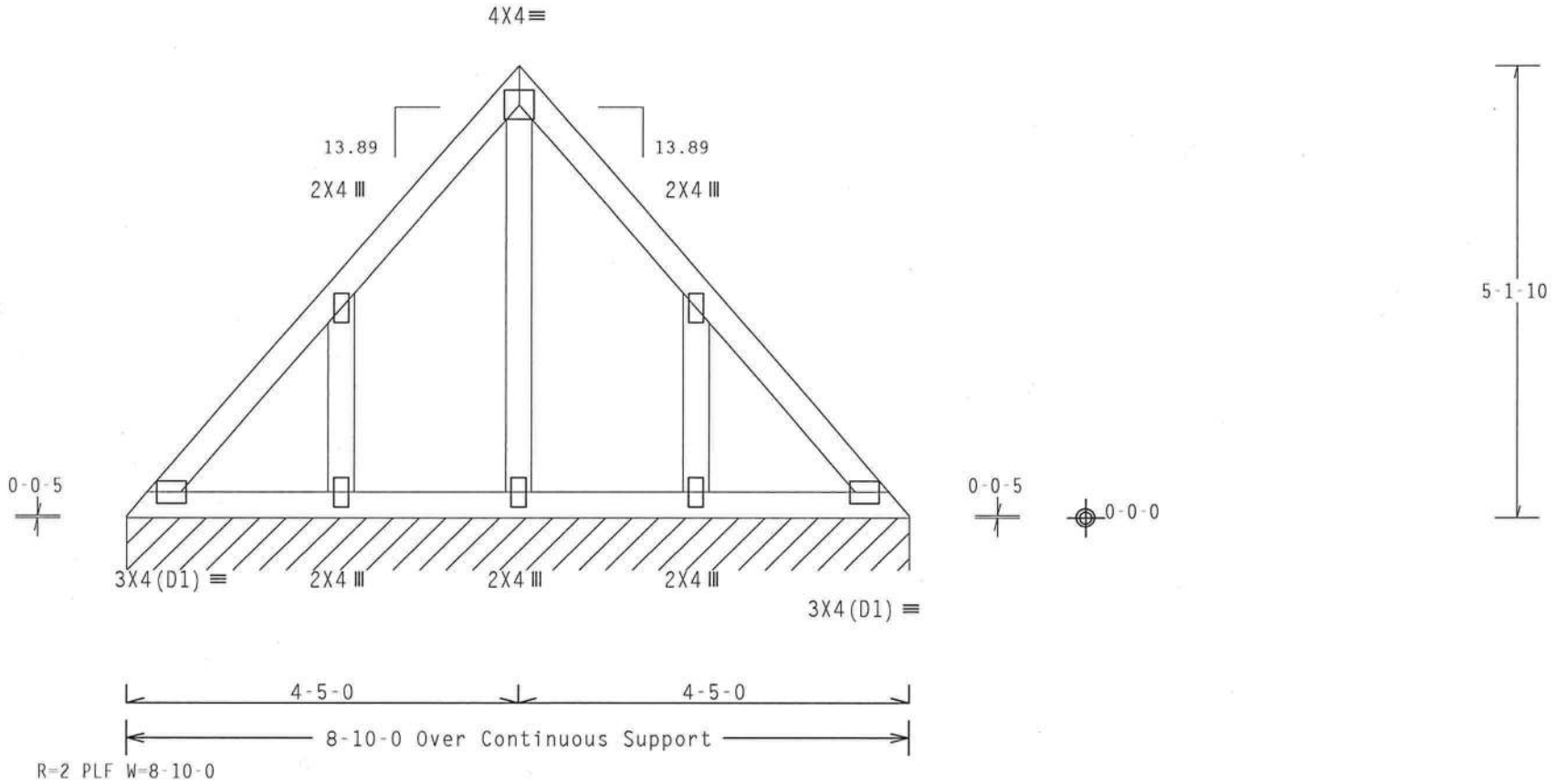
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

NOTE: THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS.
IT IS ONLY TO BE USED AS A ROOF HIP FRAME.
SEE DETAIL HIPFRAME0109 FOR MORE INFORMATION.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 1 PLF at 0.00 to 1 PLF at 8.37
BC - From 1 PLF at 0.00 to 1 PLF at 8.37

The overall height of this truss excluding overhang is 5-1-10.



Design Crit: FBC07HVHZRes/TPI-2002(STD)
PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22179
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196110
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211381
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J1)

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

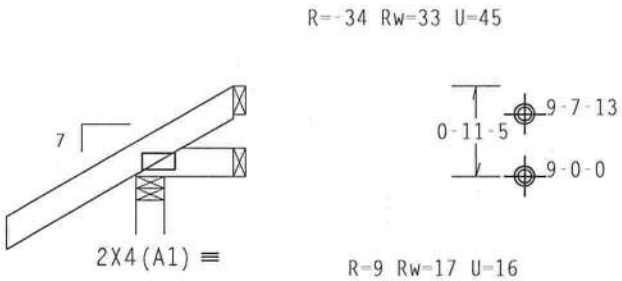
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 0-11-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.0210.1 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0 PSF	REF R215-- 22180
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196048
BC LL	0.0 PSF	HC-ENG KD/AP
TOT.LD.	40.0 PSF	SEQN- 211301
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

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

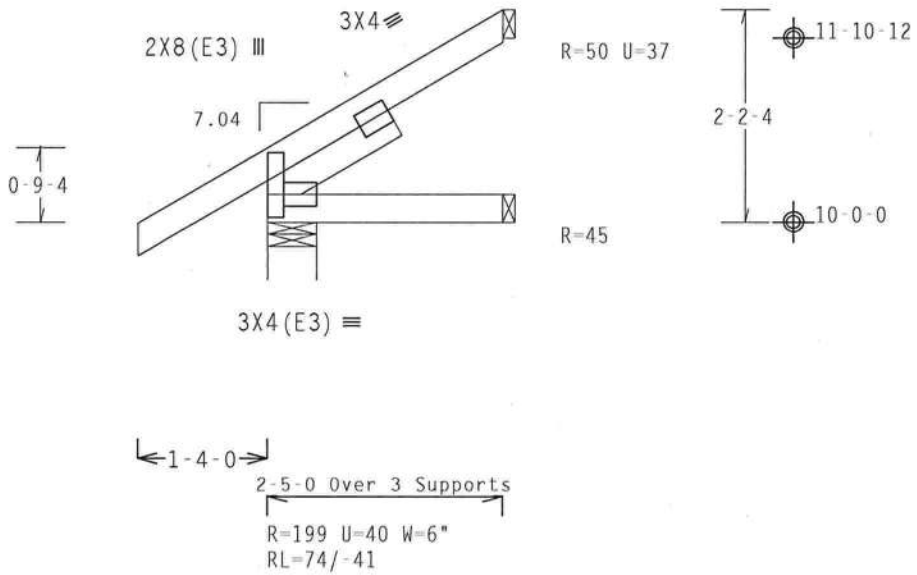
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 2-2-4.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 [illegible] QTY:6 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF R215-- 22181
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196059
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN- 211322
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J3)

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

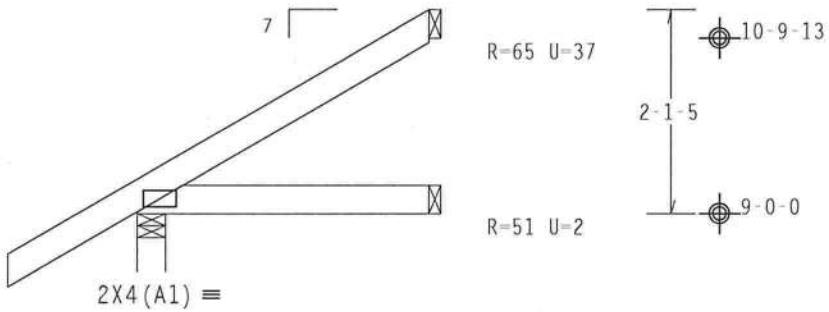
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 2-1-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.0 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Jul

TC LL	20.0 PSF	REF R215-- 22182
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196047
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN- 211302
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J3B)

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

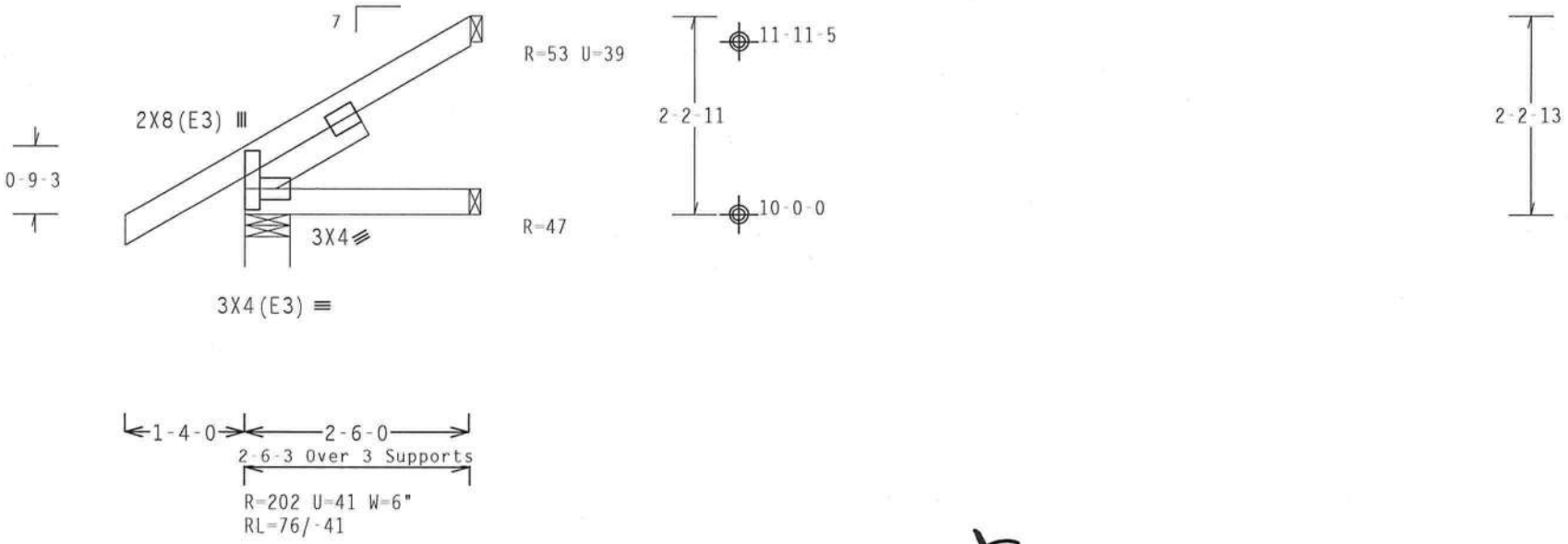
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 2-2-13.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.21 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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 (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 R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15,2009

TC LL	20.0 PSF	REF R215-- 22183
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196106
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN- 211333
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J3C)

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 = 1.500'

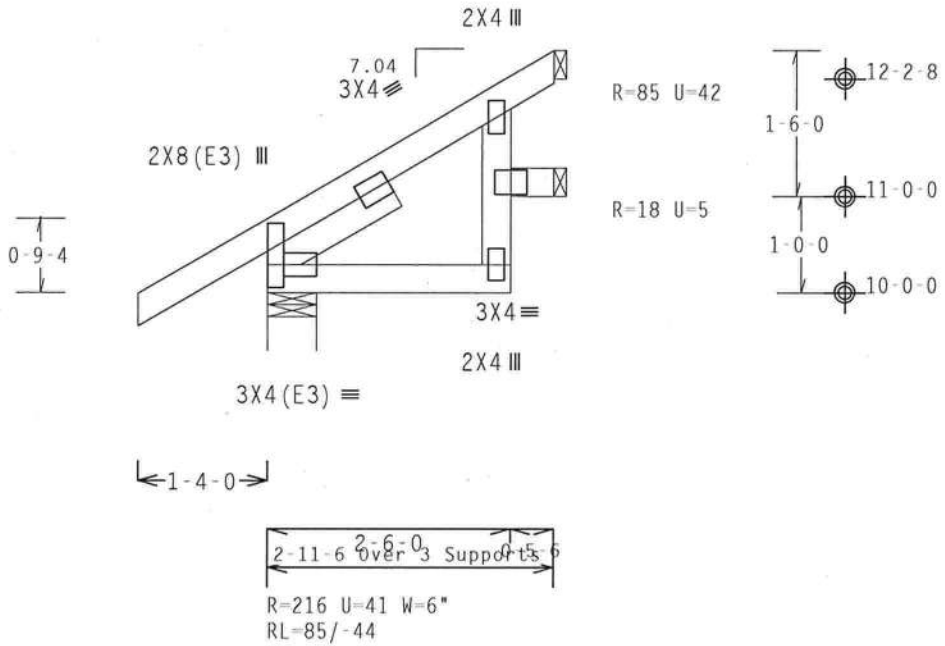
Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 2-6-0.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES E. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22184
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196124
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	212460
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

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

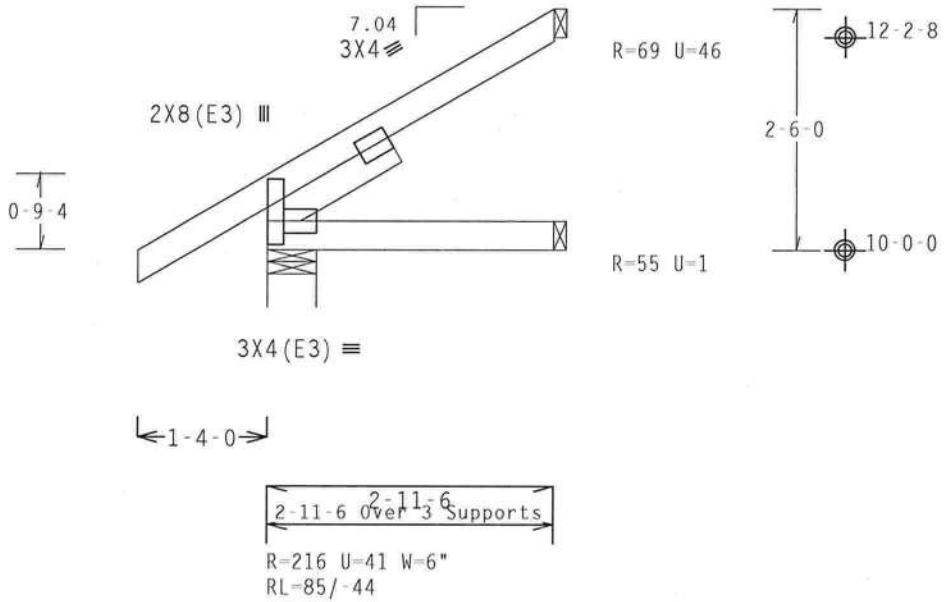
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 2-6-0.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Jul

TC LL	20.0 PSF	REF	R215-- 22185
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196061
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211324
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J3E)

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

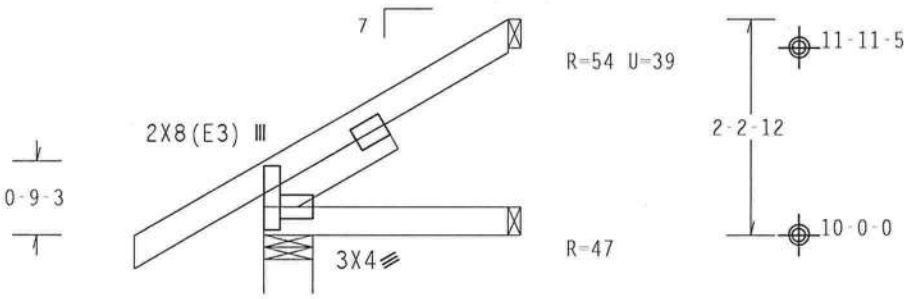
Bottom chord checked for 10.00 psf non-concurrent live load.

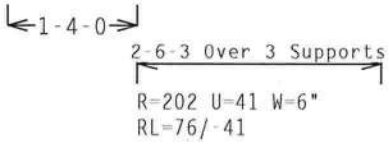
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 2-2-13.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES H. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 19 09

TC LL	20.0 PSF	REF	R215-- 22186
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196062
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	211326
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J4)

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 = 1.500'

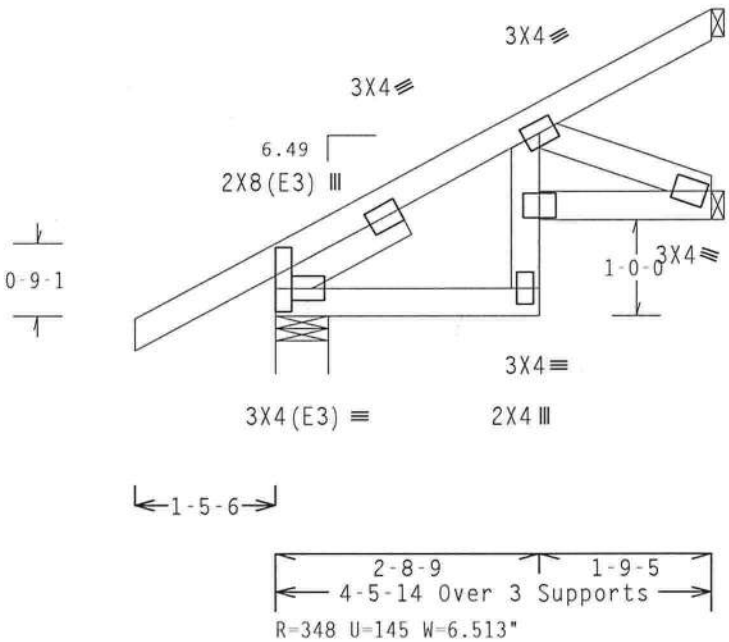
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

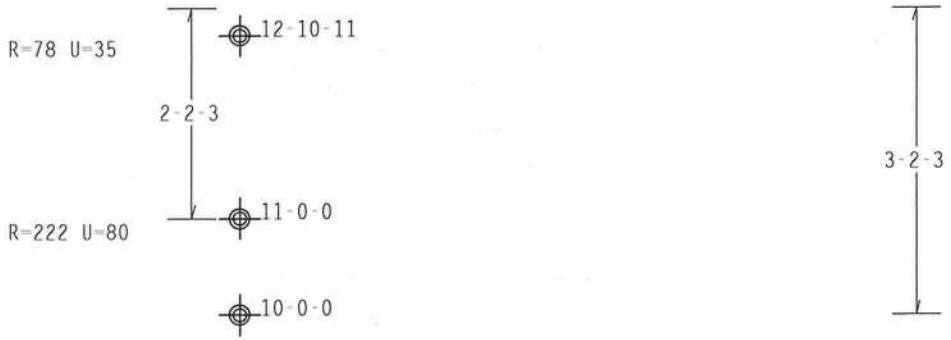
Wind reactions based on MWFRS pressures.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.45 to 60 PLF at 4.49
BC - From 20 PLF at 0.00 to 20 PLF at 2.71
BC - From 20 PLF at 2.71 to 20 PLF at 4.49
TC - 103 LB Conc. Load at 2.73
BC - 99 LB Conc. Load at 2.73

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

The overall height of this truss excluding overhang is 3-2-3.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.021 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15,2009

TC LL	20.0 PSF	REF	R215-- 22187
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196087
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211369
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J4A)

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 = 1.500'

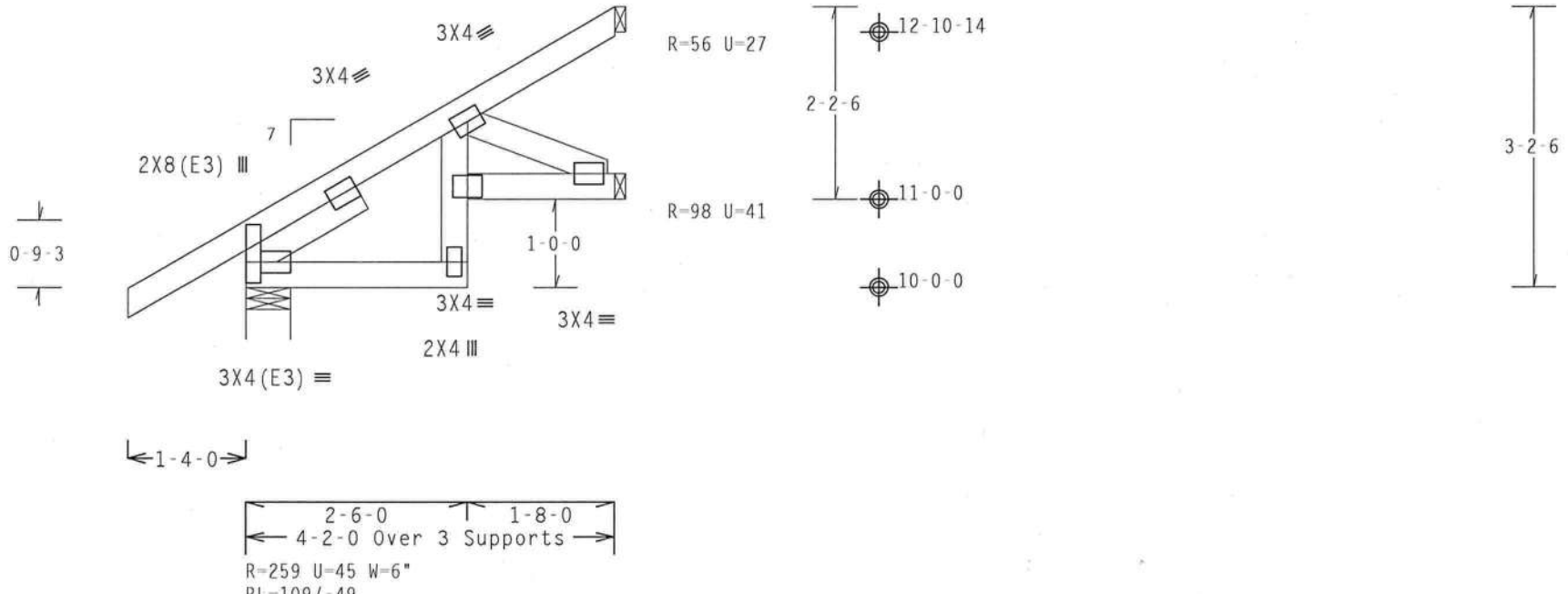
Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 3-2-6.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.121 Jul QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

TC LL	20.0 PSF	REF	R215-- 22188
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196078
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	211334
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J4B)

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

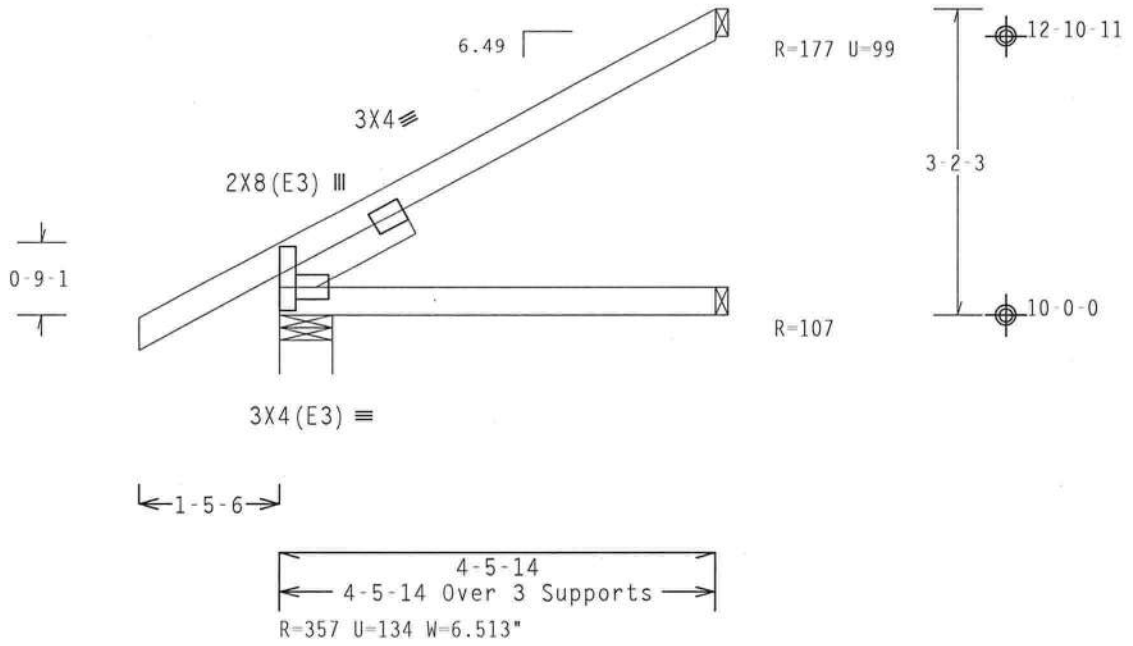
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.45 to 60 PLF at 4.49
BC - From 20 PLF at 0.00 to 20 PLF at 4.49
TC - 104 LB Conc. Load at 2.73
BC - 93 LB Conc. Load at 2.73

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

The overall height of this truss excluding overhang is 3-2-3.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.0 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22189
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196058
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211372
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J4C)

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

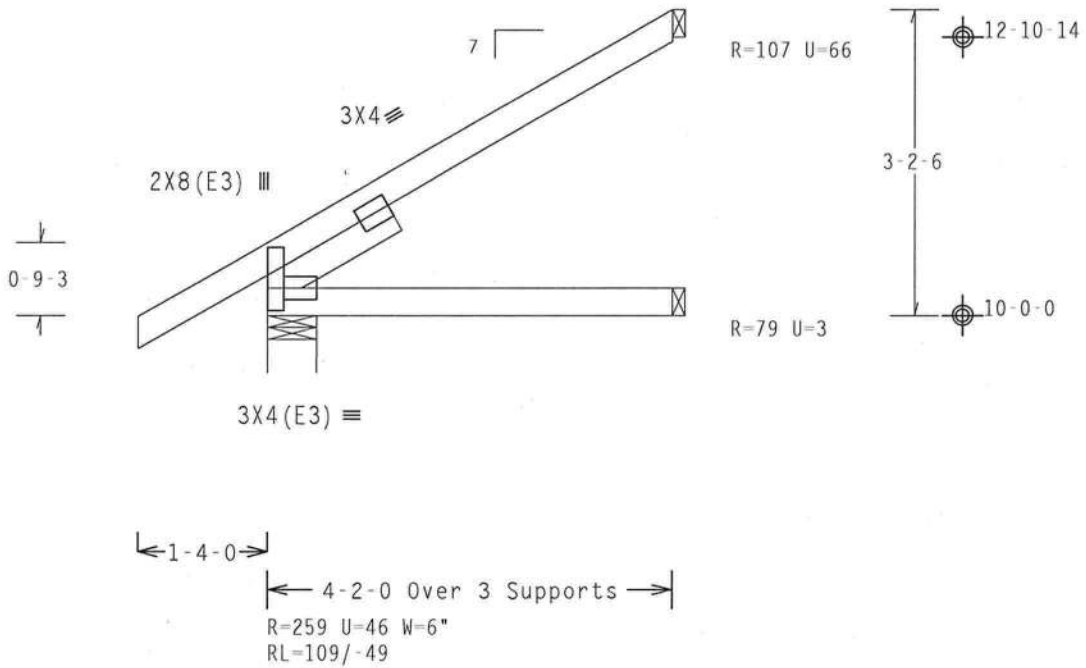
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 3-2-6.



Design Crit: FBC07HVHZRes/TPI-2002(STD)
FT/RT=20%(0%)/0(0) 9.01 00.021

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

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 09

TC LL	20.0 PSF	REF	R215-- 22190
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196063
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211327
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

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

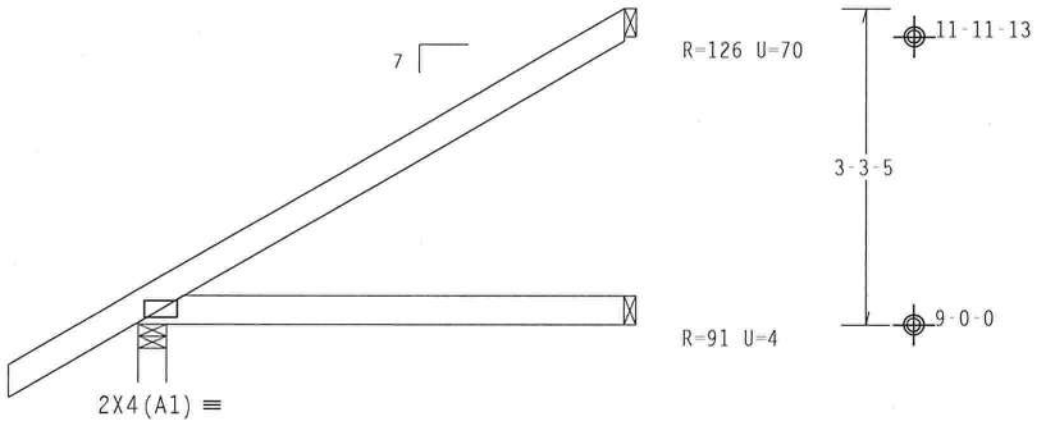
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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 3-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:4 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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Jul

TC LL	20.0 PSF	REF	R215-- 22191
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196045
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211303
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

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

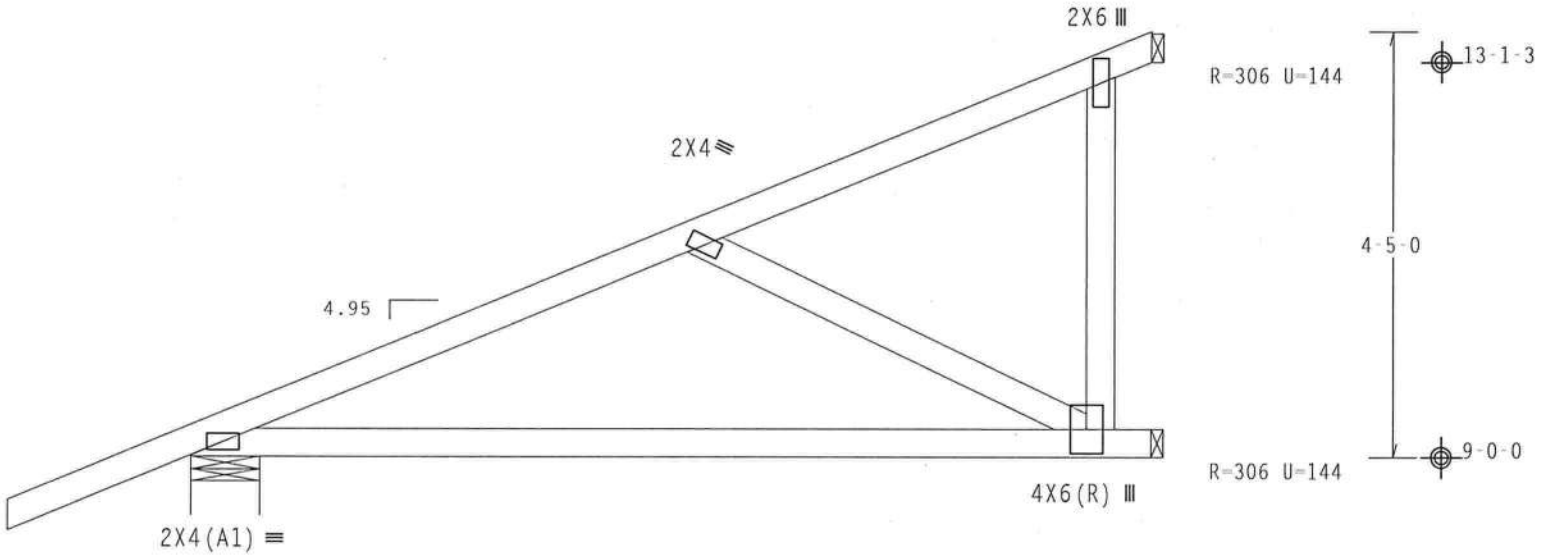
Hipjack supports 7-0-0 setback jacks with no webs.

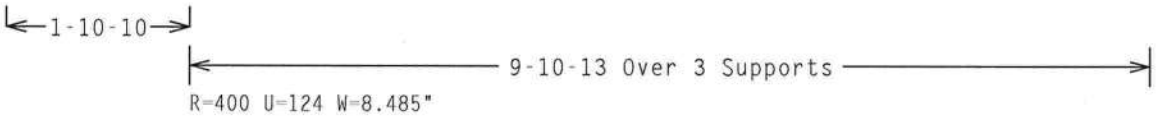
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 4-5-0.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:5 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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TC LL	20.0 PSF	REF	R215-- 22192
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196109
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211366
DUR.FAC.	1.25	FROM	LRB
SPACING	SEE ABOVE	JREF-	1TTD215_Z04

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

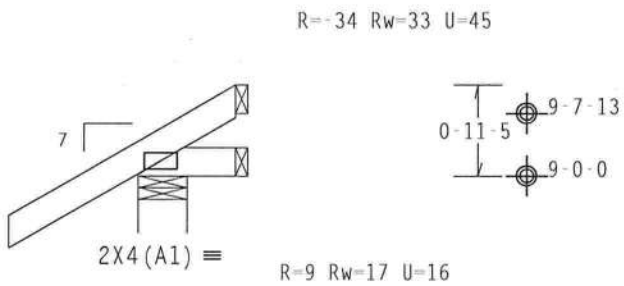
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 0-11-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 102 QTY:6 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF R215-- 22193
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196112
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN- 211304
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.345'

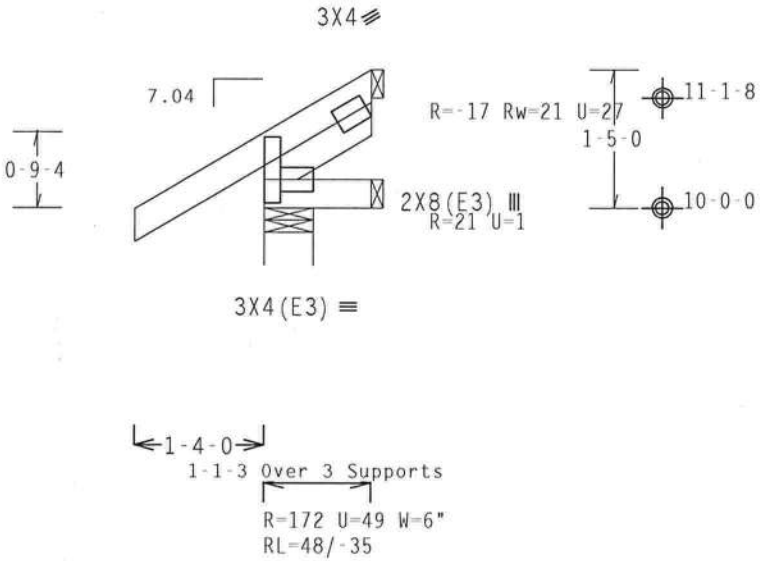
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 1-5-0.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 [illegible] QTY:6 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Jul [illegible]

TC LL	20.0 PSF	REF R215-- 22194
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196060
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN- 211323
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J3A)

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

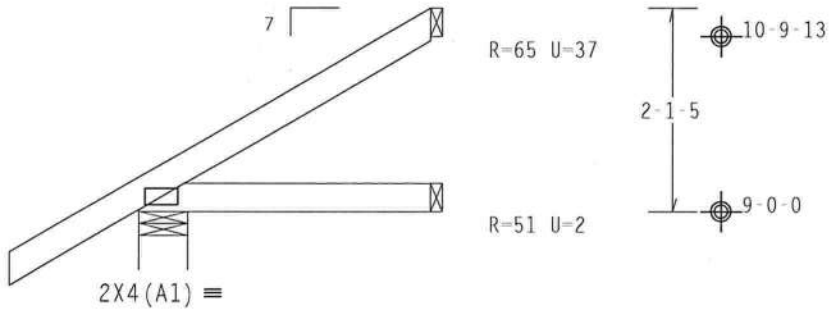
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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 2-1-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 12 QTY:6 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES W. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 13 '09

TC LL	20.0 PSF	REF	R215-- 22195
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196111
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	211305
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

(6282-/ROSSIN /EDGELY CONSTRUCTION -- , ** - J5A)

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

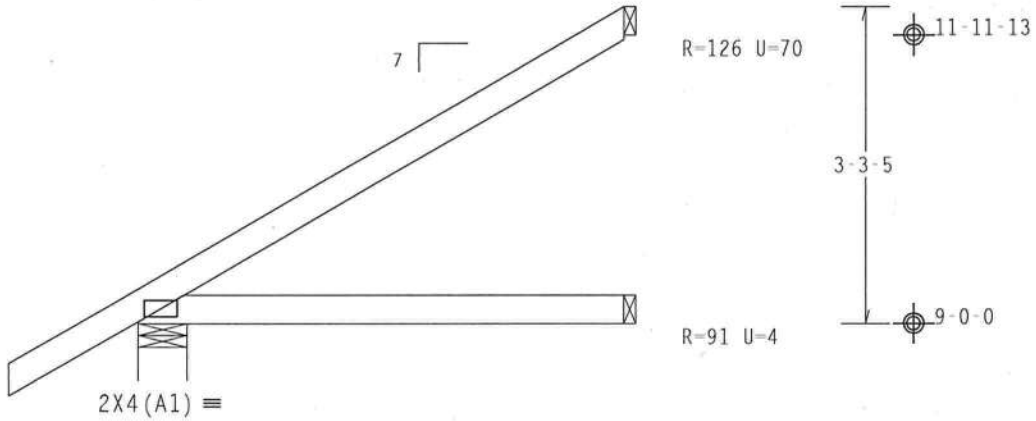
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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 3-3-5.



Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00 QTY:6 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

TC LL	20.0 PSF	REF	R215-- 22196
TC DL	10.0 PSF	DATE	07/15/09
BC DL	10.0 PSF	DRW	HCUSR215 09196101
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	211306
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1TTD215_Z04

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

Bottom chord checked for 10.00 psf non-concurrent live load.

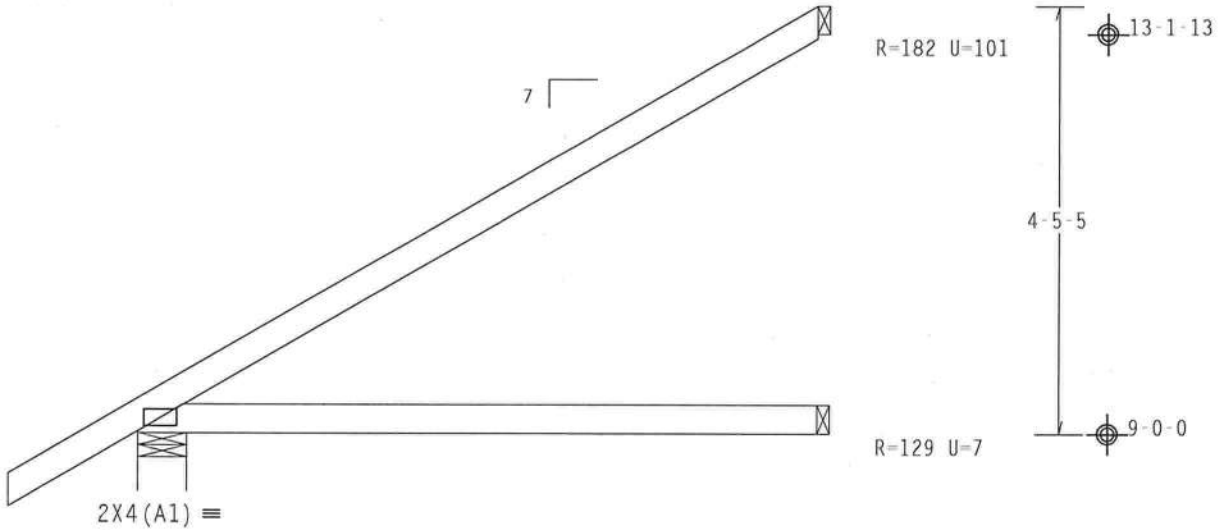
Deflection meets L/240 live and L/180 total load.

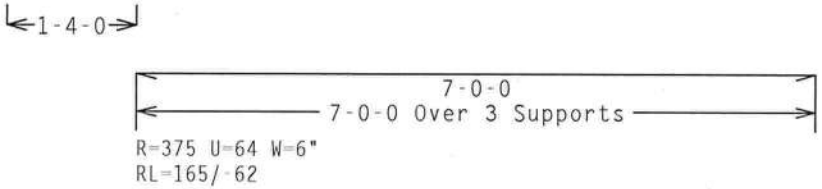
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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 4-5-5.





Design Crit: FBC07HVHZRes/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 9.01.00.03 QTY:34 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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 TPI1; 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.

TC LL	20.0 PSF	REF R215-- 22197
TC DL	10.0 PSF	DATE 07/15/09
BC DL	10.0 PSF	DRW HCUSR215 09196036
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN- 211310
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1TTD215_Z04

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON A 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.

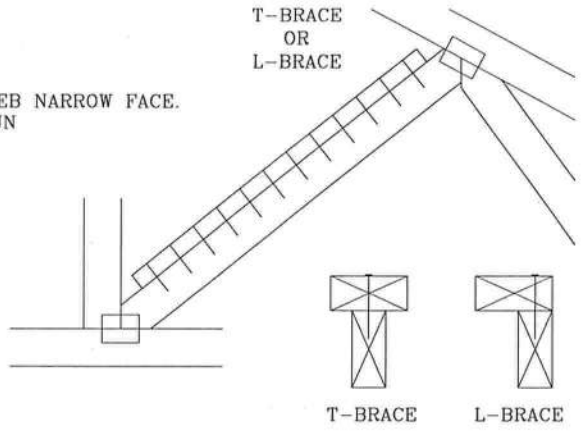
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

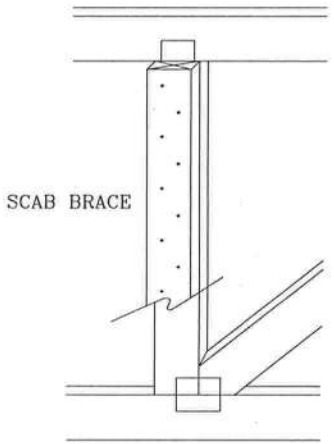
T-BRACING OR L-BRACING:

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



Building Components Group Inc.

Earth City, MO 63045

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

TC LL	PSF	REF CLB SUBST.
TC DL	PSF	DATE 1/1/09
BC DL	PSF	DRWG BRCLBSUB0109
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH,GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

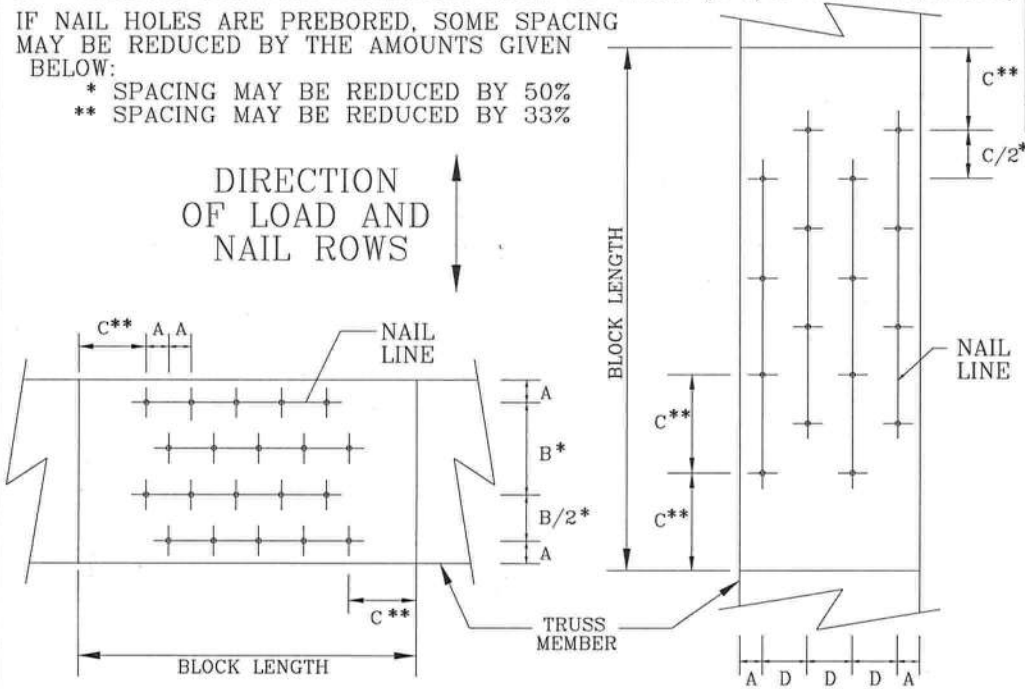
LOAD PERPENDICULAR TO GRAIN
A – EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
B – SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
C – END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN
A – EDGE DISTANCE (6 NAIL DIAMETERS)
C – SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)
D – SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 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%

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES A	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162"X 3.5",MIN)	1'	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	2"	1"



LOAD APPLIED PERPENDICULAR TO GRAIN LOAD APPLIED PARALLEL TO GRAIN

Building Components Group Inc.

Earth City, MO 63045

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ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 15 '09

REF	NAIL SPACE
DATE	1/1/09
DRWG	CNNAILSP0109

GABLE STUD REINFORCEMENT DETAIL

ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

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

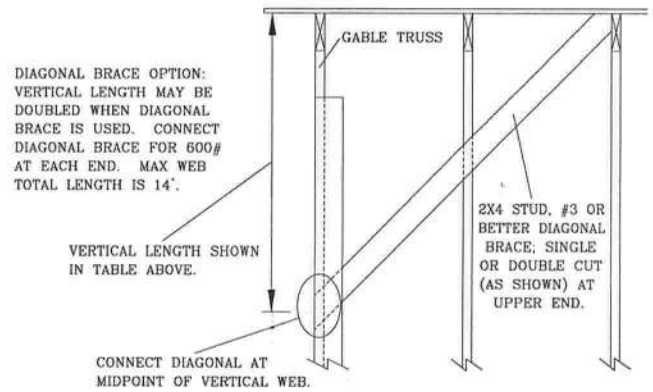
SOUTHERN PINE
#3
STUD
STANDARD

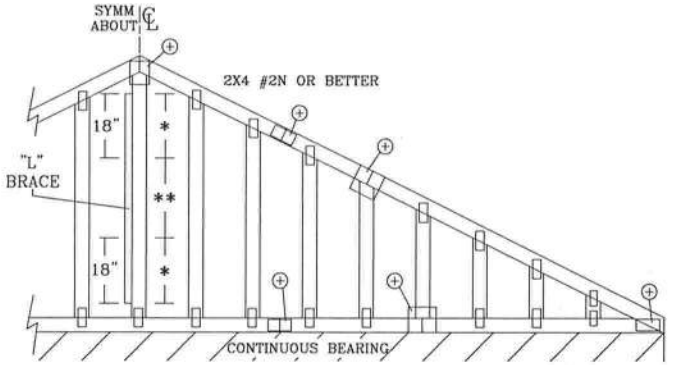
GROUP B:

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. (0.128"x3" min)

* 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"	2.5X4
GREATER THAN 11' 6"	3X4

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

ITW Building Components Group Inc.

Earth City, MO 63045

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ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

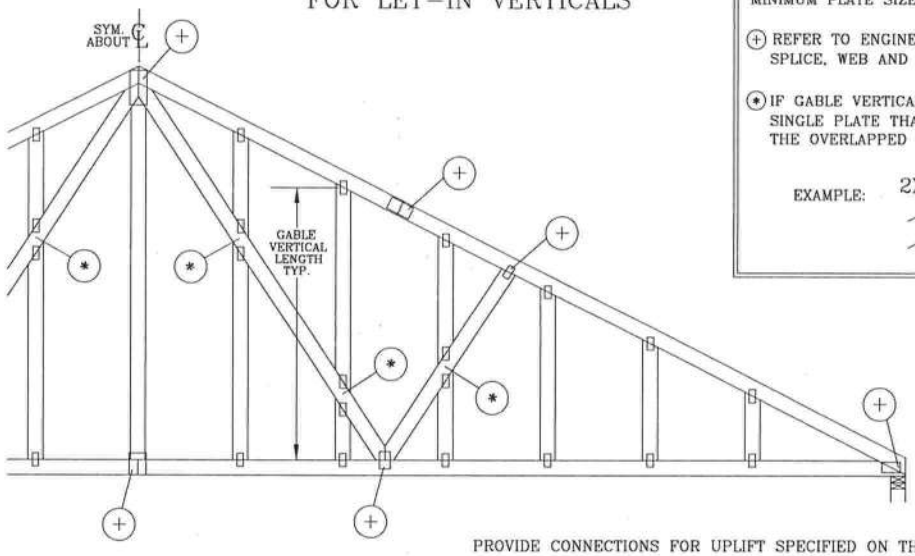
Jul 15 '09

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-05-GAB11015
DATE	1/1/09
DRWG	A11015050109

GABLE DETAIL
FOR LET–IN VERTICALS



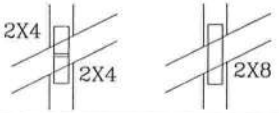
GABLE TRUSS PLATE SIZES

REFER TO APPROPRIATE ITW GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

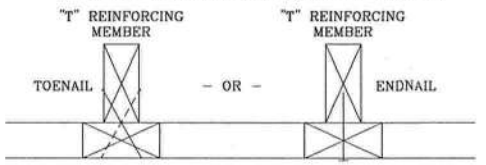
⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

⊛ IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.

EXAMPLE:



"T" REINFORCEMENT ATTACHMENT DETAIL



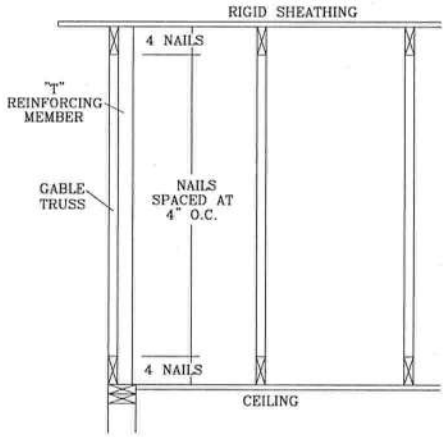
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

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	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	40 %
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	10 %
30 FT	2x6	50 %
100 MPH	2x4	20 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	20 %
30 FT	2x6	30 %

EXAMPLE:
ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00
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
END DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAILED NAILS:
10d COMMON (0.148"x3",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE WIND LOAD.
ASCE 7–98 GABLE DETAIL DRAWINGS
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109
ASCE 7–02 GABLE DETAIL DRAWINGS
A13015020109, A12015020109, A11015020109, A10015020109, A14015020109,
A13030020109, A12030020109, A11030020109, A10030020109, A14030020109
ASCE 7–05 GABLE DETAIL DRAWINGS
A13015050109, A12015050109, A11015050109, A10015050109, A14015050109,
A13030050109, A12030050109, A11030050109, A10030050109, A14030050109

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

TW
Building Components Group Inc.

Earth City, MO 63045

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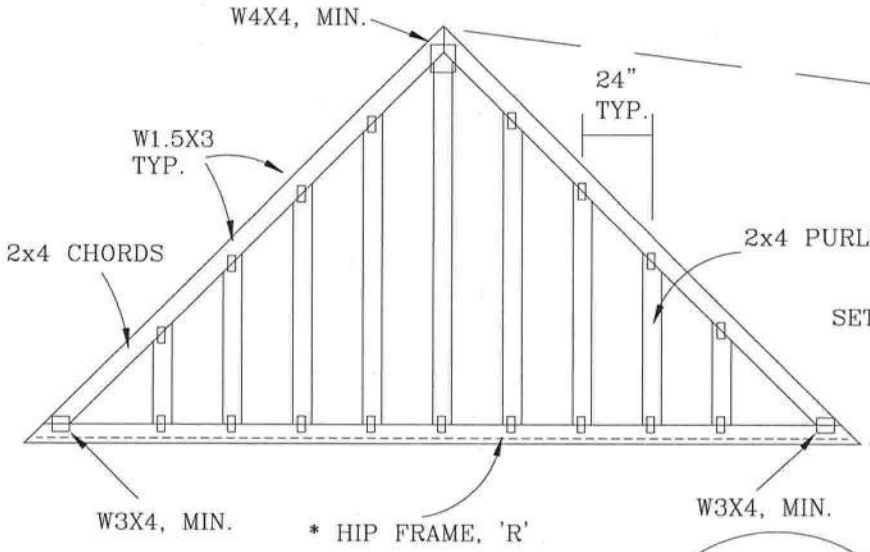
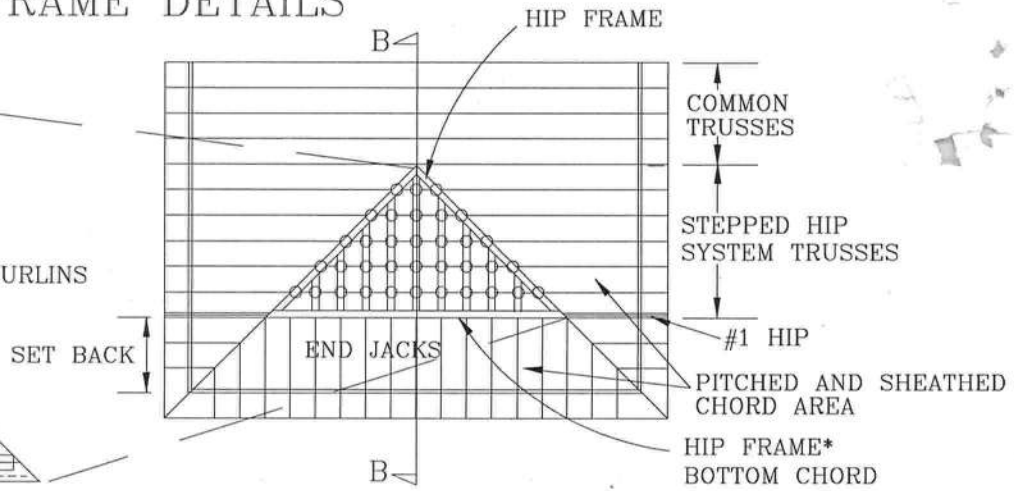
IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 20/18/16GA (W,H/S/K) ASTM A653 grade 37/40/40 (K/W/H,S) galv. steel. Apply plates to each face of truss, positioned as shown above and on Joint Details. A seal on this drawing or cover page indicates acceptance and 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 ANST/TPI 1 Sec. 2.
ITW–BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

REF	LET–IN VERT
DATE	1/1/09
DRWG	GBLLETIN0109

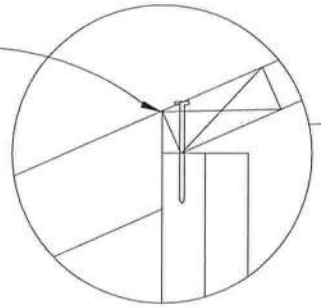
* HIP FRAME DETAILS





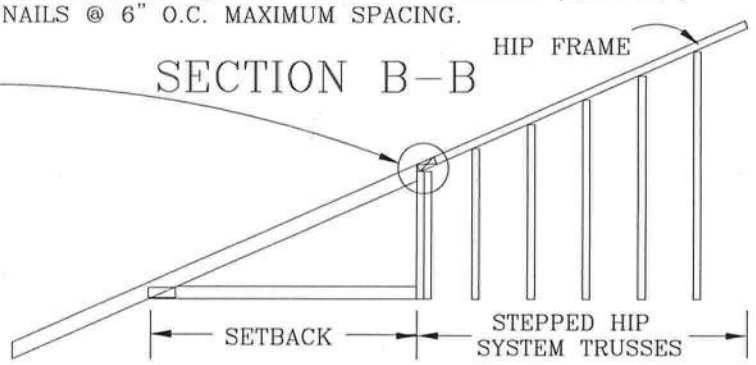
o– ATTACH HIP FRAME TO FLAT CHORDS OF STEPPED HIPS AT ALL OVERLAPPING POINTS WITH 2–10d (0.148"x3") COMMON NAILS. BOTTOM CHORD OF HIP FRAME TO BE ATTACHED TO #1 HIP WITH 10d COMMON (0.148"x3") NAILS @ 6" O.C. MAXIMUM SPACING.

HIP FRAME STOPS AT PLUMB CUT OF JACKS TO MAINTAIN PITCH CONTINUITY.



USE THIS DETAIL FOR ASCE 7–02 OR ASCE 7–05 WIND, 110 MPH, 30' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=4.2 PSF, Kzt=1.00

SECTION B–B



* HIP FRAME LUMBER IS SPF, SO. PINE, HF, OR DFL STANDARD, STUD GRADE, OR BETTER.

SEE ENGINEER'S SEALED DESIGN FOR SETBACK, LUMBER, PLATING, LOADING AND DURATION FACTOR REQUIRED.

'R' HIP FRAME CHORDS MAY BE TRIMMED UP TO 2" TO FIT. PURLINS MUST BE INTACT AND PROPERLY ATTACHED.

HIP FRAME – PROVIDED BY TRUSS MANUFACTURER. HIP FRAME IS DESIGNED TO PROVIDE BRACING FOR FLAT TOP CHORDS OF HIP FRAME SYSTEM WHERE INDICATED. STRUCTURAL PANELS MUST BE PROPERLY ATTACHED DIRECTLY TO HIP FRAME PURLINS.

ITW Building Components Group Inc.

Earth City, MO 63045

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
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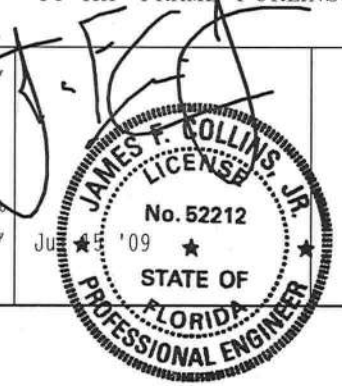

REF	HIP FRAME
DATE	1/1/09
DRWG	HIPFRAME0109