Job:(210938191F1) / F01 12'6"5 Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	See detail STRBRIBR1014 for bracing and bridging recommendations.
Top chord 4x2 SP #2 Dense Bot chord 4x2 SP #2 Dense Webs 4x2 SP #3	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
	Bottom chord checked for 10.00 psf non-concurrent live load.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.





LEFT JIG = 2'10"5 TAG = T26 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 12 TOTAL= 12	REV. 20.02	RIGH 01D.0218.16	IG = 12'8' SEQ = 10 SCALE =0	'3 2081).5000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF	
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached frigid ceiling. Locations B3,	TC DL	10.0psf	DATE		
	BC DL	5.0psf	DRWG	12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf		RAC
RAYMINI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN.	120605
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 210	938191F1
BUILDING SUPPLY A	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE S	SY42

Job:(210938191F1) / F02 13'2" Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	See detail STRBRIBR1014 for bracing and bridging recommendations.
Top chord 4x2 SP #2 Dense Bot chord 4x2 SP #2 Dense Webs 4x2 SP #3	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
	Bottom chord checked for 10.00 psf non-concurrent live load.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.
	Truss must be installed as shown with top chord up.



LEFT JIG = 2'10"5 TAG = T29 plt. typwave	DESKISN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 5 TOTAL= 5	REV. 20.02	RIGH1 2.01D.0218.16	T JIG = 13'3 SEQ = 1 SCALE =	8"13 02084 0.5000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF	
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations B3, and provide therain tateral restraint of webs shall have bracing installed per BCSI sections B3,	TC DL	10.0psf	DATE		
	BC DL	5.0psf	DRWG	12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf		RAC
KAYMINI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN.	130200
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 21	0938191F1
SUILDING SUPPLY 🛔	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE	SY42

Job:(210938191F1) / F03 20'10"5 Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	All plates are 3X4 except as noted.
Top chord 4x2 SP #2 Dense Bot chord 4x2 SP SS B2 4x2 SP #2 Dense; Webs 4x2 SP #3	See detail STRBRIBR1014 for bracing and bridging recommendations.
	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Bottom chord checked for 10.00 psf non-concurrent live load.
Truss must be installed as shown with top chord up.	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 20'9"15 TAG = T33 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 7 TOTAL= 7	REV. 20.02	RIGH ⁻ 2.01D.0218.16	T JIG = 20'11"7 SEQ = 102088 SCALE =0.3750
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF
SINCE Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	10.0psf	DATE
(Building Component Stately information, by IPI and WI CA) for safety practices prior to performing tresse functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached indic edition. Locations shown for permanent lateral perfamily the shall have bracing installed per BCSI sections B3	BC DL	5.0psf	DRWG 12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN. 201005
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 210938191F1
SUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE SY42

Job:(210938191F1) / F04 20'2"5 Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	All plates are 3X4 except as noted.
Top chord 4x2 SP #2 Dense	See detail STRBRIBR1014 for bracing and bridging recommendations.
Webs 4x2 SP #3	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Bottom chord checked for 10.00 psf non-concurrent live load.
Truss must be installed as shown with top chord up.	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 20'3"8 TAG = T31 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 4 TOTAL= 4		REV. 20.02	RIGH ⁻ 2.01D.0218.16	T JIG = 20'3"8 SEQ = 102092 SCALE =0.3750
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	40.0psf	REF
SINCE	SINCE Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	10.0psf	DATE
(Building Component Sarety Information, b) 1P1 and VI CA) for sarety practices prior to performing mese functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached irrid realing. Locations show for permanent lateral restraint of webs shall have bracting installed net RCSI sections B3			BC DL	5.0psf	DRWG 12-08-2021
	By or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	55.0psf	O/A LEN. 200205
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.		DUR.FAC.	1.00	JOB #: 210938191F1
SUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org		SPACING	24.0"	TYPE SY42

Job:(210938191F1) / F05 20'10" Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	All plates are 3X4 except as noted.
Top chord 4x2 SP #2 Dense T2 4x2 SP SS; Bot chord 4x2 SP SS B2 4x2 SP #2 Dense; Webs 4x2 SP #3	See detail STRBRIBR1014 for bracing and bridging recommendations.
	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Bottom chord checked for 10.00 psf non-concurrent live load.
Truss must be installed as shown with top chord up.	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.



_EFT JIG = 20'11"2 TAG = T32 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 6 TOTAL= 6	REV. 20.02	RIGH1 .01D.0218.16	JIG = 20'9"10 SEQ = 102096 SCALE =0.3750
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached indicating installed new ISCI. Unless noted to therwise, top chord shall have properly attached BCSI encloses BCSI. Unless noted to therwise, top chord shall have properly attached the RCSI sections BCSI.	TC DL	10.0psf	DATE	
	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.	BC DL	5.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
RAVĚHNH	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN. 201000
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 210938191F1
SUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.tiwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE SY42





PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 9 TOTAL= 9		REV. 20.02	.01D.0218.16	SCALE =	0.5000
	WARNING! READ AND FOI **IMPORTANT** FURNISH THIS DRAWING TO	LLOW ALL NOTES ON THIS DRAWING! ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping	, installing and bracing. Refer to and follow the latest edition of BCSI fety practices prior to performing these functions. Installers shall provide	TC DL	10.0psf	DATE	
1337	temporary bracing per BCSI. Unless noted otherwise, top chord sha a properly attached rigid ceiling. Locations shown for permanent lat	all have properly attached structural sheathing and bottom chord shall have eral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	5.0psf	DRWG	12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and po Refer to drawings 160A-Z for standard plate positions.	sition as shown above and on the Joint Details, unless noted otherwise.	BC LL	0.0psf		RAC
KAYMIINI	ITW Building Components Group Inc. shall not be responsible in conformance with ANSI/TPI 1, or for handling, shipping, installation	for any deviation from this drawing, any failure to build the truss on & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN.	160400
	A seal on this drawing or cover page listing this drawing, indica design shown. The suitability and use of this drawing for any structu	ates acceptance of professional engineering responsibility solely for the ire is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 210	0938191F1
BUILDING SUPPLY 🛔	For more information see this job' ITWBCG: www.itwbcg.com; TPI: www.tpinst.o	's general notes page and these web sites: rq; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE	SY42

Job:(210938191F1) / F07 20'5" Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	All plates are 3X4 except as noted.
Top chord 4x2 SP #2 Dense T2 4x2 SP SS; Bot chord 4x2 SP #2 Dense B2 4x2 SP SS; Webs 4x2 SP #3	See detail STRBRIBR1014 for bracing and bridging recommendations.
	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Bottom chord checked for 10.00 psf non-concurrent live load.
Truss must be installed as shown with top chord up.	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 20'6" TAG = T39 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 6 TOTAL= 6		REV. 20.02	RIGHT .01D.0218.16	JIG = 20'1"3 SEQ = 102108 SCALE =0.3750
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	40.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Sofety Information by TPI and WTCA) for sofety practices prior to performing these functions. Installing and WTCA) for sofety practices are sofety in the sofety practices are sofety in the sofety practices are sofety practices.		TC DL	10.0psf	DATE
1991	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.		BC DL	5.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	55.0psf	O/A LEN. 200500
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	Ī	DUR.FAC.	1.00	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org		SPACING	24.0"	TYPE SY42

Job:(210938191F1) / F08 24' Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	All plates are 3X4(R) except as noted.
Top chord 4x2 SP #2 Dense	See detail STRBRIBR1014 for bracing and bridging recommendations.
Webs 4x2 SP #3	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Bottom chord checked for 10.00 psf non-concurrent live load.
Truss must be installed as shown with top chord up.	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 24'0"14 TAG = T41 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 4 TOTAL= 4	REV. 20.02	RIGH1 .01D.0218.16	「JIG = 23'8" SEQ = 102104 SCALE =0.2500
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installance shall provide	TC DL	10.0psf	DATE
1991	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.	BC DL	5.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
RAVMENE	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN. 24
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE SY42

Job:(210938191F1) / F09 23'4" Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	All plates are 3X4 except as noted.
Top chord 4x2 SP #2 Dense	See detail STRBRIBR1014 for bracing and bridging recommendations.
Webs 4x2 SP #3	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Bottom chord checked for 10.00 psf non-concurrent live load.
Truss must be installed as shown with top chord up.	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 23'1"7 TAG = T34 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGH ⁻ 2.01D.0218.16	JIG = 23'1"9 SEQ = 102 SCALE =0.2	115 2500
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI	TC DL	10.0psf	DATE	
195/	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	5.0psf	DRWG 12	-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RA	AC
KAYMINI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN.	230400
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 21093	38191F1
BUILDING SUPPLY A	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE SI	(42

Job:(210938191F1) / F10 19' Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	All plates are 3X4 except as noted.
Top chord 4x2 SP #2 Dense T1 4x2 SP SS;	See detail STRBRIBR1014 for bracing and bridging recommendations.
Webs 4x2 SP #3	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Bottom chord checked for 10.00 psf non-concurrent live load.
Truss must be installed as shown with top chord up.	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 18'9"10 TAG = T44 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 2 TOTAL= 2	REV. 20.02	RIGH ⁻ .01D.0218.16	T JIG = 18'9"12 SEQ = 102122 SCALE =0.3750
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI	TC DL	10.0psf	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.	BC DL	5.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN. 19
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE SY42





LEFT JIG = 8'3"1 TAG = T35 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 2 TOTAL= 2		REV. 20.0	RIGH ⁻ 2.01D.0218.16	T JIG = 8'3"7 SEQ = 102131 SCALE =1.0000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	40.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	10.0psf	DATE
1991	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rinid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3		BC DL	5.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
!!!!	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	55.0psf	O/A LEN. 80400
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	Γ	DUR.FAC.	1.00	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	ſ	SPACING	24.0"	TYPE SY42

Job:(210938191F1) / F12 12'8" Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	See detail STRBRIBR1014 for bracing and bridging recommendations.
Top chord 4x2 SP #2 Dense	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Webs 4x2 SP #2 Dense Webs 4x2 SP #3	Bottom chord checked for 10.00 psf non-concurrent live load.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.
	Truss must be installed as shown with top chord up.



LEFT JIG = 12'6"3 TAG = T36 plt. typwave	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 7 TOTAL= 7	REV. 20.02	RIGH ⁻ 2.01D.0218.16	T JIG = 12'6"7 SEQ = 102128 SCALE =0.5000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF
ISINGE 1957	I russes require extreme care in rabricating, nanding, sinpping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise.	TC DL BC DL	5.0psf	DATE DRWG 12-08-2021
RAYMOND	Refer to drawings 160A-Z for standard plate positions. ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANS/ITPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN. 120800
UILDING SUPPLY	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	DUR.FAC. SPACING	1.00 24.0"	JOB #: 210938191F1 TYPE SY42



PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0)	QTY= 5 TOTAL= 5	F	REV. 20.02	2.01D.0218.16	SCALE =	0.7500
	WARNING! READ AND FO **IMPORTANT** FURNISH THIS DRAWING TO	LLOW ALL NOTES ON THIS DRAWING!	т	IC LL	40.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping (Building Component Safety Information by TPI and WTCA) for se	g, installing and bracing. Refer to and follow the latest edition of BCSI	Т	IC DL	10.0psf	DATE	
1447	temporary bracing per BCSI. Unless noted otherwise, top chord sh a properly attached rigid ceiling. Locations shown for permanent la	all have properly attached structural sheathing and bottom chord shall have iteral restraint of webs shall have bracing installed per BCSI sections B3,	E	3C DL	5.0psf	DRWG	12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and po Refer to drawings 160A-Z for standard plate positions.	osition as shown above and on the Joint Details, unless noted otherwise.	E	3C LL _	0.0psf		RAC
RAVMINI	ITW Building Components Group Inc. shall not be responsible in conformance with ANSI/TPI 1, or for handling, shipping, installati	e for any deviation from this drawing, any failure to build the truss on & bracing of trusses.	Т	ſOT.LD.	55.0psf	O/A LEN.	11
	A seal on this drawing or cover page listing this drawing, indic design shown. The suitability and use of this drawing for any struct	ates acceptance of professional engineering responsibility solely for the ure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.		OUR.FAC.	1.00	JOB #: 210	0938191F1
BUILDING SUPPLY 🛔	For more information see this job	o's general notes page and these web sites:	5	SPACING	24.0"	TYPE	SY42

	Job:(210938191F1) / F14 3'7" Floor Truss	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT				
	Value Set: 13B (Effective 6/1/2013)	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.				
Top chord 4x2 SP #2 Dense	Top chord 4x2 SP #2 Dense	Bottom chord checked for 10.00 psf non-concurrent live load.				
	Webs 4x2 SP #2 Dense Webs 4x2 SP #3	Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 2.00.				
	Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Truss must be installed as shown with top chord up.				



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LEFT JIG = 3'9"7 TAG = T28 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=12%(0%)/10(0) QTY= 2 TOTAL= 2	REV. 20.02	RIGH ⁻ 2.01D.0218.16	T JIG = 3'9"13 SEQ = 102111 SCALE =1.0000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	40.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI	TC DL	10.0psf	DATE
(BS)/(BS)/(BS)/(BS)/(BS)/(BS)/(BS)/(BS)/	BC DL	5.0psf	DRWG 12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	55.0psf	O/A LEN. 30700
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.00	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE SY42

Job:(210938191F1) / A01 21'1" Common	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 20.65 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0
Top chord 2x4 SP SS T2 2x4 SP #2 Dense; Bot chord 2x4 SP #2 Dense B2 2x4 SP SS; Works 2x4 SP #2 W2 7 2x6 SP #2;	Wind loads and reactions based on MWFRS with additional C&C member design.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.
In lieu of rigid ceiling use purlins to brace BC @ 48" oc.	(a) Continuous lateral restraint equally spaced on member.
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.	Bottom chord checked for 10.00 pst non-concurrent live load. BC attic loading: $U_{1} = 20.00$ psf; $D_{1} = 0.00$ psf; from 8-0-0 to 14-0-0
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.	Truss supports 200# mech unit; unit centered at 10-6-14; supported by BC; unit width 2-0-0; supported by 2 trusses.
Plates sized for a minimum of 4.00 sq.in./piece.	



LEFT JIG = 12'11" TAG = T9 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0)	QTY= 5 TOTAL= 5	REV. 20.02	RIGH1 .01D.0218.16	JIG = 12'1 SEQ = 1 SCALE =	"12 02057 :0.2500
	WARNING! READ AND FOLLOW AL **IMPORTANT** FURNISH THIS DRAWING TO ALL CONT	LL NOTES ON THIS DRAWING! FRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing an	nd bracing. Refer to and follow the latest edition of BCSI	TC DL	20.0psf	DATE	
(building component state) mormatory of Pri and who Ay for safety plactices prior to performing these functions. Installer's shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached indicating a Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.	berly attached structural sheathing and bottom chord shall have inf webs shall have bracing installed per BCSI sections B3	BC DL	10.0psf	DRWG	12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as sho Refer to drawings 160A-Z for standard plate positions.	wn above and on the Joint Details, unless noted otherwise.	BC LL	0.0psf		RAC
	ITW Building Components Group Inc. shall not be responsible for any devia in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing	ation from this drawing, any failure to build the truss of trusses.	TOT.LD.	50.0psf	O/A LEN.	210100
	A seal on this drawing or cover page listing this drawing, indicates acceptar design shown. The suitability and use of this drawing for any structure is the resp	nce of professional engineering responsibility solely for the ponsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 21(0938191F1
BUILDING SUPPLY	For more information see this job's general no ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: w	ntes page and these web sites: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE	COMN

Job:(210938191F1) / A02 21'1" Common	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 20.46 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Wate 2x4 SP #2 Dense	Wind loads and reactions based on MWFRS with additional C&C member design.
Webs 2x4 Sr #3 W6 2x6 Sr #2,	Wind loading based on both gable and hip roof types.
Rettem shard sharked for 10.00 pet non consurrant live load	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



R=1313# U=648# RL=323/-336# W=8" (Rigid Surface)

Bl

LEFT JIG = 12'1"12 TAG = T8 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGH ⁻ .01D.0218.16	T JIG = 11'4' SEQ = 1(SCALE =	"9 02050 0.2500
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installance shall provide	TC DL	20.0psf	DATE	
Building Component Safety minimation, by Print and Wind Safety plactices prior to performing these functions. Instances shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. In cartings shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3	BC DL	10.0psf	DRWG	12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf		RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN.	210100
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210	938191F1
BUILDING SUPPLY 🛔	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE (COMN

Job:(210938191F1) / A03 22' Common	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.87 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3	Wind loads and reactions based on MWFRS with additional C&C member design.
	Wind loading based on both gable and hip roof types.
	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Bottom chord checked for 10.00 pst non-concurrent live load.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 9'10" TAG = T7 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1		REV. 20.02	RIGH1 2.01D.0218.16	JIG = 9'10" SEQ = 102046 SCALE =0.2500	
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF	
SINCE	Since: 1957 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a property attached rigid ceiling. I cartions show for performing these functions of the scale state of the second structural sheathing and bottom chord shall have a property attached rigid ceiling. I cartions show for permanent lateral restration of webs shall have bracing installed per BCSI sections B3		TC DL	20.0psf	DATE	
1337			BC DL	10.0psf	DRWG 12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC	
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	50.0psf	O/A LEN. 22	
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.		DUR.FAC.	1.25	JOB #: 210938191F1	
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org		SPACING	24.0"	TYPE COMN	

Job:(210938191F1) / A04 22' Common	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.58 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
lop chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3	Wind loads and reactions based on MWFRS with additional C&C member design.
Lumber volue act "12D" uses design volues energy of 1/20/2012 by ALCC	Wind loading based on both gable and hip roof types.
	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Bottom chord checked for 10.00 pst non-concurrent live load.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 8'8"2 TAG = T5 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1		REV. 20.02	RIGH1 .01D.0218.16	「 JIG = 7′6″4 SEQ = 102042 SCALE =0.2500
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	20.0psf	DATE
(Building Component Salety information) of PP and which is shall have properly attached structural sheathing and bottom chord shall have temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have had in provide the shall have a properly attached rigid ceiling. Ball have had been been been been been been been bee			BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	50.0psf	O/A LEN. 22
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.		DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org		SPACING	24.0"	TYPE COMN

Job:(210938191F1) / A05 22' Common Girder	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.
Top chord 2x4 SP SS T2,T4 2x4 SP #2 Dense; Bot chord 2x6 SP #2 B2 2x6 SP SS; Webs 2x4 SP #3 W4 W8 W4 W10 2x4 SP #2 Dense;	170 mph wind, 19.58 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
	Wind loading based on both gable and hip roof types.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	(a) Continuous lateral restraint equally spaced on member.
Special loads (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)	Bottom chord checked for 10.00 psf non-concurrent live load.
TC: From 86 plf at -2.00 to 86 plf at 14.73 TC: From 43 plf at 14.73 to 43 plf at 17.67	Plates sized for a minimum of 4.00 sq.in./piece.

 TC:
 From
 86 plf at -2.00 to
 86 plf at 14.73

 TC:
 From
 43 plf at 17.67 to
 43 plf at 17.67

 TC:
 From
 86 plf at 17.67 to
 86 plf at 24.00

 BC:
 From
 5 plf at 17.67 to
 5 plf at 24.00

 BC:
 From
 20 plf at 0.00 to
 20 plf at 14.73

 BC:
 From
 10 plf at 14.73 to
 10 plf at 17.64

 BC:
 From
 20 plf at 22.00 to
 5 plf at 22.00

 BC:
 From
 5 plf at 22.00 to
 5 plf at 22.00

 BC:
 From
 5 plf at 22.00 to
 5 plf at 24.00

 TC:
 163.32 lb Conc. Load at 15.60
 TC:
 133.16 lb Conc. Load at 17.64

 BC:
 633.34 lb Conc. Load at 14.73
 BC:
 86.52 lb Conc. Load at 15.60

 BC:
 241.33 lb Conc. Load at 17.64
 BC:
 86.52 lb Conc. Load at 17.64

Wind loads and reactions based on MWFRS.

Calculated horizontal deflection is 0.13" due to live load and 0.20" due to dead load.

In lieu of rigid ceiling use purlins to brace BC @ 48" oc.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.

 163#
 157*4
 163#
 193#
 4'4*6
 →

 1
 7'4*
 →
 7'4*
 →
 4'4*6



LEFT JIG = 8'8"2 TAG = T13 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGHT .01D.0218.16	JIG = 5'2"8 SEQ = 102038 SCALE =0.1875
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI	TC DL	20.0psf	DATE
temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	10.0psf	DRWG 12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
RAYMINI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 22
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY A	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE COMN

Job:(210938191F1) / A06 14'8" Special	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.58 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense B2 2x4 SP SS; Works 2x4 SP #2	Wind loads and reactions based on MWFRS.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.
(J) Hanger Support Required, by others	Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.
Bottom chord checked for 10.00 psf non-concurrent live load.	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Plates sized for a minimum of 4.00 sq.in./piece.	Deflection meets L/360 live and L/240 total load. Greep increase factor for dead load is 2.00.



SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety reactices prior to performing these functions. Installers shall provide	·	TC DL	20.0psf	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,		BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
TYŇIINI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	·	TOT.LD.	50.0psf	O/A LEN. 140800
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.		DUR.FAC.	1.25	JOB #: 210938191F1
ILDING SUPPLY 🛔	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	:	SPACING	24.0"	TYPE SPEC

Job:(210938191F1) / A07 14'8" Common	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT		
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.58 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DI =5.0 psf		
Top chord 2x4 SP SS Bot chord 2x4 SP #2 Dense B2 2x4 SP SS; Wate 2x4 SP #2	Wind loads and reactions based on MWFRS with additional C&C member design.		
vreus zx4 SF #3	Wind loading based on both gable and hip roof types.		
In lieu of rigid ceiling use purlins to brace BC @ 48" oc.	Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.		
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.	Bottom chord checked for 10.00 psf non-concurrent live load.		
	Plates sized for a minimum of 4.00 sq.in./piece.		



TAG = T15 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	.01D.0218.16	SEQ = 102 SCALE =0.5	134 5000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide	TC DL	20.0psf	DATE	
1337	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	10.0psf	DRWG 12	2-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	R/	AC
R A V M HINH	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN.	140800
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 2109	38191F1
SUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE CO	OMN

Job:(210938191F1) / A08 14'8" Common	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.58 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Bot chord 2x4 SP #2 Dense B2 2x4 SP SS;	Wind loads and reactions based on MWFRS with additional C&C member design.
Webs 2x4 SF #S	Wind loading based on both gable and hip roof types.
Lumber value set 135 uses design values approved 1/30/2013 by ALSC	Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.
n nieu of nigit centring use punnins to brace BC @ 40 oc.	Bottom chord checked for 10.00 psf non-concurrent live load.
	Plates sized for a minimum of 4.00 sq.in./piece.



LEFT JIG = 8'8"2 TAG = T21 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1		REV. 20.02	RIGH .01D.0218.16	∫ JIG = 8'8"2 SEQ = 102004 SCALE =0.3750
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	20.0psf	DATE
1557	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.		BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	50.0psf	O/A LEN. 140800
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	Ī	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	Ī	SPACING	24.0"	TYPE COMN

Job:(210938191F1) / A09 14'8" Common	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.58 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
lop chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3	Wind loads and reactions based on MWFRS with additional C&C member design.
Lumber value act "12D" uses design values approved 1/20/2012 by ALSC	Wind loading based on both gable and hip roof types.
Lumber value set TSB uses design values approved 1/30/2013 by ALSC	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Bottom chord checked for 10.00 pst non-concurrent live load.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 8'8"2 TAG = T1 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1		REV. 20.02	RIGH1 .01D.0218.16	「JIG = 8'8"2 SEQ = 102001 SCALE =0.3750
	WARNINGI READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	20.0psf	DATE
1357	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing instaled per BCSI sections B3,		BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	50.0psf	O/A LEN. 140800
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	Γ	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org		SPACING	24.0"	TYPE COMN



Job:(210938191F1) / M02 6'9" Mono Hip	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 18.90 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf wind BC DL=5.0 psf
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense	Wind loads and reactions based on MWFRS with additional C&C member design.
Webs 2x4 SF #S	Right end vertical not exposed to wind pressure.
Lumber value set role uses design values approved 1/50/2015 by ALSC	Wind loading based on both gable and hip roof types.
Deflection meete L/360 live and L/340 total load. Creen increase factor for dead load is 2.00	Bottom chord checked for 10.00 psf non-concurrent live load.
	Plates sized for atminimum of 4.00 sq.in./piece.



LEFT JIG = 5'11"12 TAG = T22 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGH 2.01D.0218.16	T JIG = 3'8"9 SEQ = 102075 SCALE =0.7500
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices enjoy to performing these functions. Installants shall provide	TC DL	20.0psf	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 60900
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE HIPM

Job:(210938191F1) / M03 6'9" Mono	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.41 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense	Vind loads and reactions based on MWERS with additional C&C member design.
Webs 2x4 SP #3	Right end vertical not exposed to wind pressure.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.
In lieu of rigid ceiling use purlins to brace BC @ 48" oc.	Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets 2.300 live and 2.240 lotal load. Greep increase racion for dead load is 2.00.	Plates sized for a minimum of 4.00 sq.in./piece.



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LEFT JIG = 8' TAG = T10 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 2 TOTAL= 2		REV. 20.02	RIGHT 2.01D.0218.16	「 JIG = 8'9"7 SEQ = 102078 SCALE =0.5000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	20.0psf	DATE
1957	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.		BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	50.0psf	O/A LEN. 60900
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	Γ	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY 🛔	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	Ī	SPACING	24.0"	TYPE MONO

Job:(210938191F1) / M04 3'5" Mono Hip Girder

Value Set: 13B (Effective 6/1/2013)

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

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

170 mph wind, 18.32 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind loading based on both gable and hip roof types.

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

Plates sized for a minimum of 4.00 sq.in./piece.



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Special loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 86 plf at -2.00 to 86 plf at 3.42 BC: From 5 plf at -2.00 to 5 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 3.00 BC: From 25 plf at 3.00 to 25 plf at 3.42 TC: 130.30 lb Conc. Load at 3.03 BC: 104.63 lb Conc. Load at 3.03

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

In lieu of rigid ceiling use purlins to brace BC @ 48" oc.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.

LEFT JIG = 3'8" TAG = T24 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGH1 .01D.0218.16	JIG = 5'5"12 SEQ = 102066 SCALE =0.7500
	WARNINGI READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for eafety practices prior to performing these functions. Installers shall provide	TC DL	20.0psf	DATE
Laby	temporary bracing per BCS. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
RIVNIINI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 30500
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY A	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE HIPM

Job:(210938191F1) / M05 3'5" Mono	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 18.44 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0
Top chord 2x4 SP #2 Dense	psi, wind be bl=5.0 psi.
Webs 2x4 SP #2 Dense	Wind loads and reactions based on www.PKS with additional C&C member design.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Right end vertical not exposed to wind pressure.
In line of rigid colling upon purfice to broos $PC \ll 40^{\circ}$ co	Wind loading based on both gable and hip roof types.
	Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.	Plates sized for a minimum of 4.00 sq.in./piece.



LEFT JIG = 4'1"12 TAG = T25 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 5 TOTAL= 5	I	REV. 20.02	RIGH1 .01D.0218.16	JIG = 5'5' SEQ = 1 SCALE =	'12 02069 =0.7500
	WARNINGI READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI		TC DL	20.0psf	DATE	
1937	temporary backing controlled values information by 1P and VFCA) for safety plactices prior to prioring the end of the safety information by the safety had the vertice of the safety had the vertice of t		BC DL	10.0psf	DRWG	12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	1	BC LL	0.0psf		RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	50.0psf	O/A LEN.	30500
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	1	DUR.FAC.	1.25	JOB #: 21	0938191F1
BUILDING SUPPLY A	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	:	SPACING	24.0"	TYPE	MONO

Job:(210938191F1) / M06 4'4" Mono Girder THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT Value Set: 13B (Effective 6/1/2013) Special loads ------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 86 plf at 0.00 to 86 plf at 4.33 Top chord 2x4 SP #2 Dense Bot chord 2x6 SP #2 Webs 2x4 SP #3 BC: From 20 plf at 0.00 to 20 plf at 4.33 BC: 764.97 lb Conc. Load at 2.40 Lumber value set "13B" uses design values approved 1/30/2013 by ALSC 170 mph wind, 19.29 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types. (J) Hanger Support Required, by others In lieu of rigid ceiling use purlins to brace BC @ 48" oc. Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00. Plates sized for a minimum of 4.00 sq.in./piece.



LEFT JIG = 5'2"8 TAG = T6 plt. typwave	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGH ⁻ 2.01D.0218.16	「JIG = 4'4"3 SEQ = 102016 SCALE =1.0000	
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF	
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide	TC DL	20.0psf	DATE	
133/	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.	BC DL	10.0psf	DRWG 12-08-2021	
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC	
RAVNI NI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 40400	
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1	_
SUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE MONO	

Job:(210938191F1) / CJ1 1' Jack	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 17.73 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0
Top chord 2x4 SP #2 Dense	psi, wind body and reactions based on MWERS with additional CSC member design
Bot chord 2x4 SP #2 Dense	wind loads and reactions based on MWFRS with additional C&C member design.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.
Bottom chord checked for 10.00 psf non-concurrent live load.	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Plates sized for a minimum of 4.00 sq.in./piece.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 1'4"8 TAG = T11 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 6 TOTAL= 6	REV. 20.02	RIGH ⁻ .01D.0218.16	「 JIG = 3'1"5 SEQ = 102028 SCALE =1.0000
SHICE ISS7 RAYMOND	**WARNINGI** READ AND FOLLOW ALL NOTES ON THIS DRAWINGI **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handing, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached rigit childing. Characteristics shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached rigit childing. Characteristics shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached rigit childing component Safet store and provide tateral restraint of webs shall have bracing installed per BCSI. Sections shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSUTPI 1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	TC LL TC DL BC DL BC LL TOT.LD. DUR.FAC.	20.0psf 20.0psf 10.0psf 0.0psf 50.0psf 1.25	REF DATE DRWG 12-08-2021 RAC O/A LEN. 1 JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE JACK

Job:(210938191F1) / CJ3 3' Jack	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 18.32 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf. wind BC DL=5.0 psf.
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense	Wind loads and reactions based on MWFRS with additional C&C member design.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.
Bottom chord checked for 10.00 psf non-concurrent live load.	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Plates sized for a minimum of 4.00 sq.in./piece.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 3'8" TAG = T4 plt. typwave	DESIGN CRIT=FBC7THED2020/TPI-2014 FT//RT=20%(0%)/10(0) QTY= 2 TOTAL= 2	REV. 20.02	RIGH ⁻ 2.01D.0218.16	T JIG = 5'0"12 SEQ = 102025 SCALE =1.0000
	WARNINGI READ AND FOLLOW ALL NOTES ON THIS DRAWINGI **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior berforming these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The sultability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information spec this io's general notes page and these web sites:	TC LL TC DL BC DL BC LL TOT.LD. DUR.FAC.	20.0psf 20.0psf 10.0psf 0.0psf 50.0psf 1.25	REF DATE DRWG 12-08-2021 RAC O/A LEN. 3 JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE JACK

Job:(210938191F1) / EJ3 3' End Jack	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 18.32 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf wind BC DL=5.0 psf
Top chord 2x4 SP #2 Dense	
Bot chord 2x4 SP #2 Dense	wind loads and reactions based on WWFRS with additional C&C member design.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.
Bottom chord checked for 10.00 psf non-concurrent live load.	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Plates sized for a minimum of 4.00 sq.in./piece.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 3'8" TAG = T17 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 3 TOTAL= 3	REV. 20.02	RIGH ⁻ 2.01D.0218.16	T JIG = 5'0"12 SEQ = 102063 SCALE =1.0000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Sefety Information, bu TPI and WTCA) for sefety practices prior to performing these functions.	TC DL	20.0psf	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 3
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE EJACK

Job:(210938191F1) / EJ4_4'4" End Jack	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 18.71 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense	Wind loads and reactions based on MWFRS with additional C&C member design.
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.
Bottom chord checked for 10.00 psf non-concurrent live load.	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Plates sized for a minimum of 4.00 sq.in./piece.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 5'2"8 TAG = T14 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGHT .01D.0218.16	「JIG = 6'4"10 SEQ = 102022 SCALE =0.7500
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide	TC DL	20.0psf	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 40400
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY A	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE EJACK

	Job:(210938191F1) / EJ4A 4'4" End Jack	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT				
Value Set: 13B (Effective 6/1/2013)		170 mph wind, 19.29 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf wind BC DI=5.0 psf				
	Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense	Wind loads and reactions based on MWFRS with additional C&C member design.				
	Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hip roof types.				
	Bottom chord checked for 10.00 psf non-concurrent live load.	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.				
	Plates sized for a minimum of 4.00 sq.in./piece.	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.				



LEFT JIG = 5'2"8 TAG = T16 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.02	RIGH 2.01D.0218.16	「JIG = 4'4"3 SEQ = 102019 SCALE =1.0000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI	TC DL	20.0psf	DATE
1937	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.	BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 40400
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.tiwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE EJACK

Value Set: 13B (Effective 6/1/2013) Special loads ------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From -0 plf at -2.83 to 83 plf at 0.00 Top chord 2x4 SP #2 Dense
 TC:
 From
 2 plf at
 0.00 to
 2 plf at
 4.24

 BC:
 From
 0 plf at
 -2.83 to
 4 plf at
 0.00 to

 BC:
 From
 2 plf at
 0.00 to
 2 plf at
 4.24
 Bot chord 2x4 SP #2 Dense Lumber value set "13B" uses design values approved 1/30/2013 by ALSC TC: -154.50 lb Conc. Load at 1.48 170 mph wind, 18.29 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 BC: -28.71 lb Conc. Load at 1.48 psf, wind BC DL=5.0 psf. Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

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

Job:(210938191F1) / HJ4 4'2"15 Hip Jack Girder

Plates sized for a minimum of 4.00 sq.in./piece.

B

In lieu of rigid ceiling use purlins to brace BC @ 48" oc.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT



LEFT JIG = 4'8"11 TAG = T18 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 2 TOTAL= 2	REV. 20.02	RIGH 2.01D.0218.16	T JIG = 7'1"7 SEQ = 102060 SCALE =0.7500
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
5INCE 1957	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safetv Information. by TPJ and WTCA) for safetv practices prior to performing these functions. Installers shall provide	TC DL	20.0pst	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3,	BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
RAYMINI	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 40215
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY A	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE HIP_JACK

Job:(210938191F1) / HJ6 6'1"9 Hip Jack Girder

Value Set: 13B (Effective 6/1/2013)

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

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

170 mph wind, 18.68 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind loading based on both gable and hip roof types.

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

Plates sized for a minimum of 4.00 sq.in./piece.

Special loads

 Clumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

 TC: From -0 plf at -2.83 to 83 plf at 0.00

 TC: From 2 plf at 0.00 to 2 plf at 6.13

 BC: From 0 plf at -2.83 to 4 plf at 0.00

 BC: From 2 plf at 0.00 to 2 plf at 6.13

 TC: -154.50 lb Conc. Load at 1.48

 TC: 140.33 lb Conc. Load at 1.48

 BC: 87.58 lb Conc. Load at 4.31

Wind loads and reactions based on MWFRS.

In lieu of rigid ceiling use purlins to brace BC @ 48" oc.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.



LEFT JIG = 6'9"2 TAG = T19 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1		REV. 20.02	RIGH1 .01D.0218.16	JIG = 8'11"15 SEQ = 102035 SCALE =0.5000
	WARNINGI READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide		TC DL	20.0psf	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheating and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.		BC DL	10.0psf	DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.		BC LL	0.0psf	RAC
RAVĚHNH	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.		TOT.LD.	50.0psf	O/A LEN. 60109
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	Ī	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org		SPACING	24.0"	TYPE HIP_JACK

Job:(210938191F1) / V1 2' Valley	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 20.12 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Works 2x4 SP #2	Wind loads and reactions based on MWFRS with additional C&C member design.
Webs 2x4 SF #S	Wind loading based on both gable and hip roof types.
Lumber value set 135 uses design values approved 1/30/2013 by ALSC	In lieu of rigid ceiling use purlins to brace BC @ 48" oc.
Son DWCS VALTN160119 and VAL190160119 for valloy dataile	Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.
See DWGS VALINTOUTTO and VALIOUTO TO TO Valley details.	Plates sized for a minimum of 4.00 sq.in./piece.



LEFT JIG = 2'3"13 TAG = T12 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1		REV. 20.02	RIGH ⁻ 2.01D.0218.16	T JIG = 1'6"5 SEQ = 102010 SCALE =1.0000
emer	**WARNING!** READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.		TC LL	20.0psf	REF
1957	(Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for performant of webs shall have bracing installed per BCSI sections B3,		BC DL	20.0psi 10.0psf	DATE DRWG 12-08-2021
	B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. TTW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss		BC LL	0.0psf	RAC
KAYMUNU	in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	-	DUR.FAC.	1.25	O/A LEN. 2 JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org		SPACING	24.0"	TYPE VAL

Job:(210938191F1) / V2 4' Valley	THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT
Value Set: 13B (Effective 6/1/2013)	170 mph wind, 19.53 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0
Top chord 2x4 SP #2 Dense	psi, wind body and reactions based on MWERS with additional CSC member design
Webs 2x4 SP #2 Dense Webs 2x4 SP #3	Picht and vertical net expected to wind processe
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC	Wind loading based on both gable and hin roof types
In lieu of rigid ceiling use purlins to brace BC @ 48" oc.	Rottom chord checked for 10 00 nst non-concurrent live load
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 2.00.	See DWGS VAI TN160118 and VAI 180160118 for valley details
Plates sized for a minimum of 4.00 sq.in./piece.	



LEFT JIG = 4'7"9 TAG = T20 PLT. TYPWAVE	DESIGN CRIT=FBC7THED2020/TPI-2014 FT/RT=20%(0%)/10(0) QTY= 1 TOTAL= 1	REV. 20.0	RIGH 02.01D.0218.16	T JIG = 3'6"2 SEQ = 102013 SCALE =1.0000
	WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.	TC LL	20.0psf	REF
SINCE	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Public a Comparent Sofety Information by TPL and WTCA) for affety predices prior to performing these functions. Lettellars aball provide	TC DL	20.0psf	DATE
1997	temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rioid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3.	BC DL	10.0psf	DRWG 12-08-2021
	By or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.	BC LL	0.0psf	RAC
RAVĚHNH	ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.	TOT.LD.	50.0psf	O/A LEN. 4
	A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.	DUR.FAC.	1.25	JOB #: 210938191F1
BUILDING SUPPLY	For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org	SPACING	24.0"	TYPE VAL