

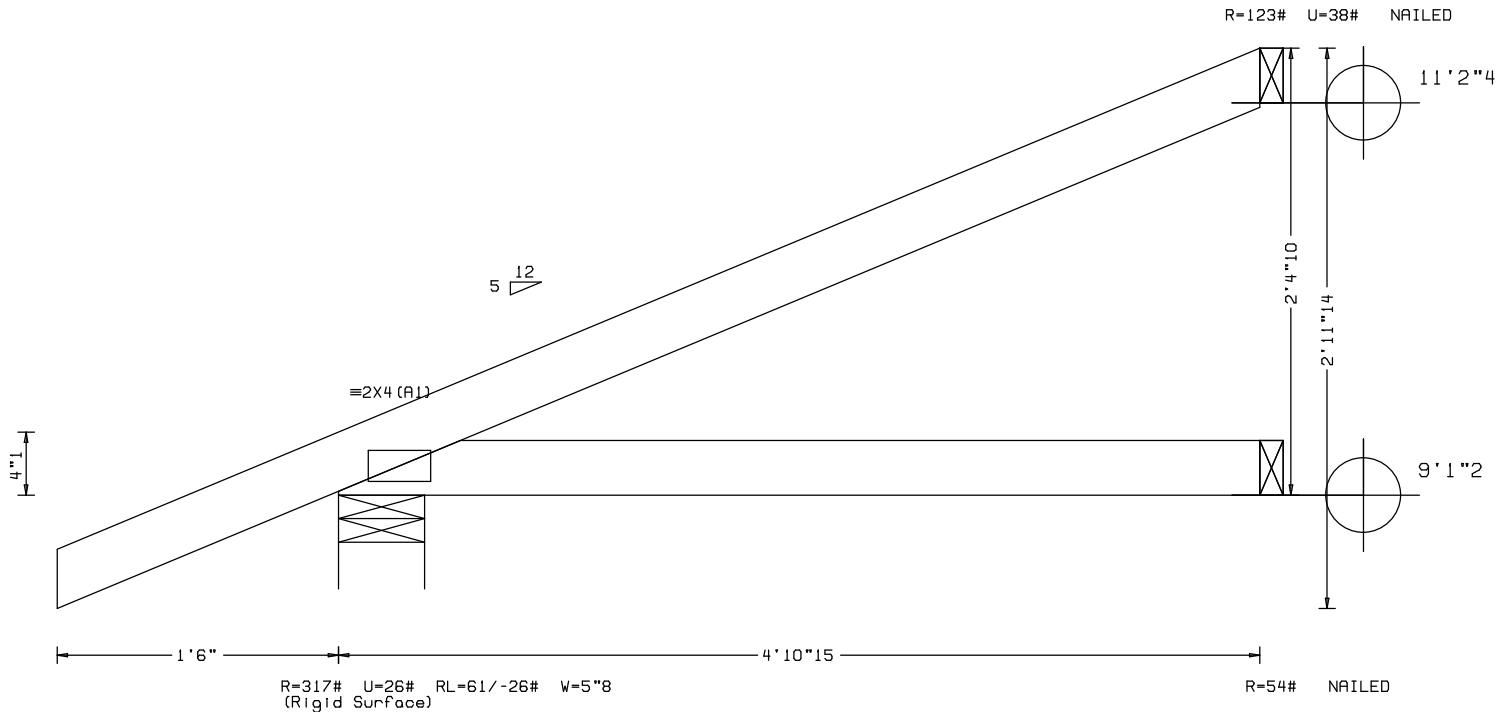
Top chord 2x4 SP #2
Bot chord 2x4 SP #2

Wind loading based on both gable and hip roof types.

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.

Wind loads and reactions based on MWFRS with additional C&C member design.

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



OH LEFT RAKE = 1'7"8

PLT. TYP. -WAVE

DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20X(0X)/10(0)

QTY= 8 TOTAL= 8

REV. 22.02.01.1115 SEQ = 16253
SCALE = 1.0000

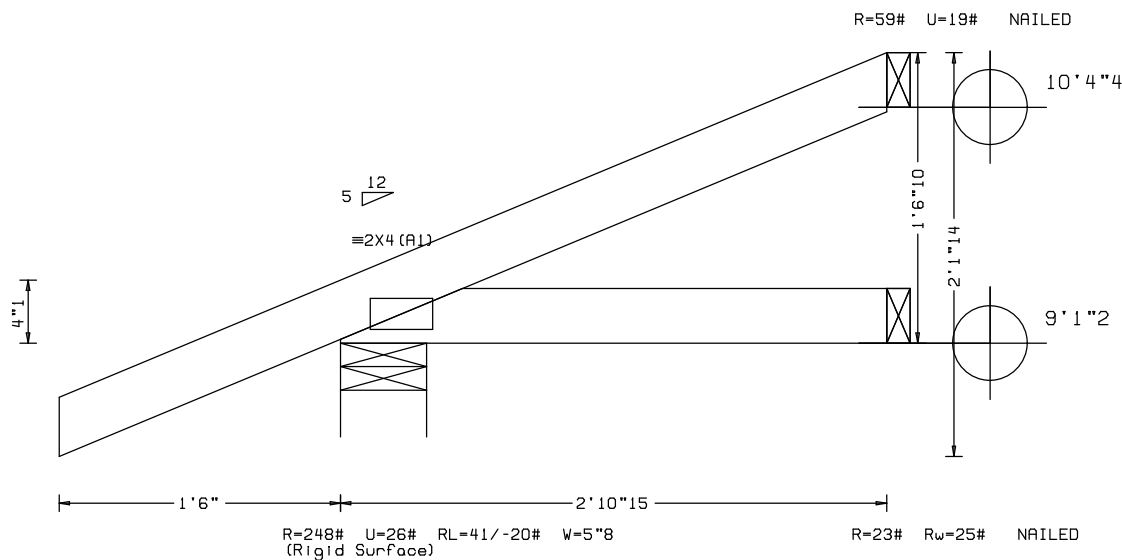
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCR) 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. 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 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.tpinet.org; WTCR: www.sbcindustry.com; ICC: www.iccsafe.org	TC LL 20.0psf	REF
	TC DL 10.0psf	DATE
	BC DL 10.0psf	DRWG 04-23-2024
	BC LL 0.0psf	
	TOT.LD. 40.0psf	O/A LEN. 41015
	DUR.FAC. 1.25	JOB #: 24-0331
	SPACING 24.0"	TYPE JACK

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.

Wind loads and reactions based on MWFRS with additional C&C member design.

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



PLT. TYP.-WAVE

DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20% (0%) /10 (0)

QTY= 8 TOTAL= 8

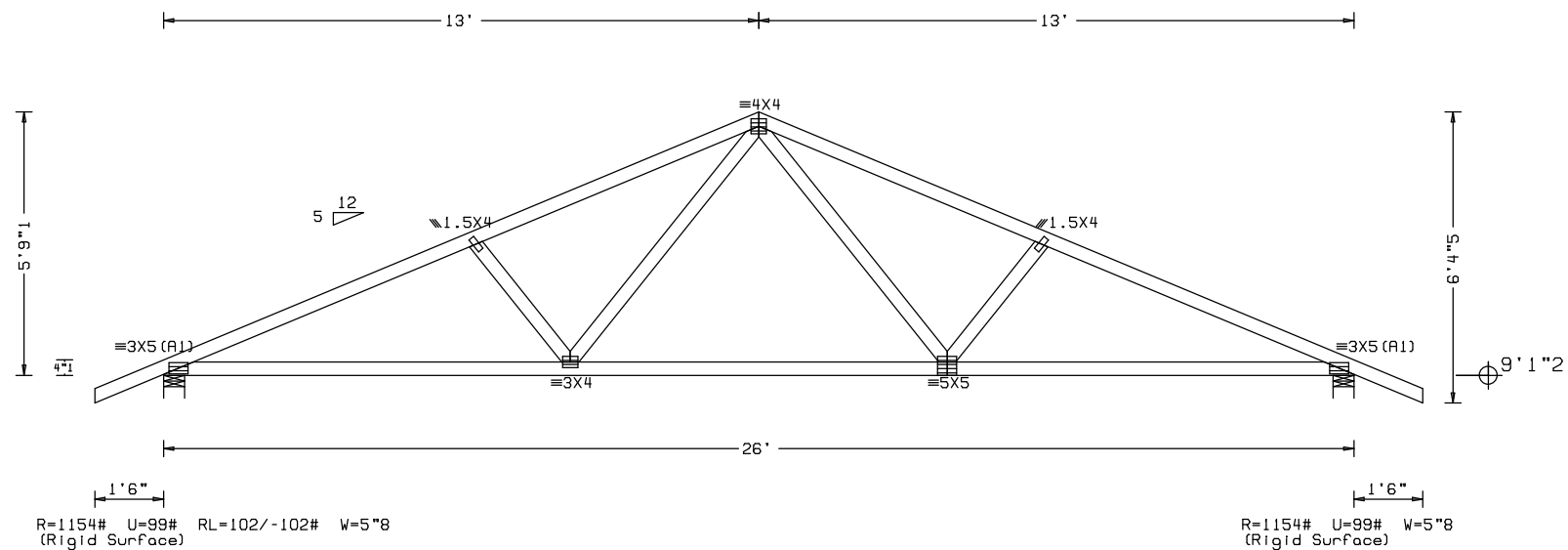
REV. 22.02.01.1115 SEQ = 16254
SCALE = 1.0000

TC LL	20.0psf	REF
TC DL	10.0psf	DATE
BC DL	10.0psf	DRWG 04-23-2024
BC LL	0.0psf	
TOT.LD.	40.0psf	O/A LEN. 21015
DUR.FAC.	1.25	JOB #: 24-0331
SPACING	24.0"	TYPE JACK

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

Wind loading based on both gable and hip roof types.
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.
Wind loads and reactions based on MWFRS with additional C&C member design.
Deflection meets L/240 live and L/240 total load. Creep increase factor for dead load is 2.00.



OH LEFT RAKE = 1'7"8

OH RIGHT RAKE = 1'7"8

PLT. TYP. -WAVE	DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20X(0X)/10(0)	QTY= 15 TOTAL= 15	REV. 22.02.01.1115	SEQ = 16256 SCALE =0.2500
WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **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 WTCR) 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 B9, 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 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.itwbog.com? TPI: www.tpinet.org? WTCR: www.sbcindustry.com? ICC: www.iccsafe.org			TC LL 20.0psf	REF
			TC DL 10.0psf	DATE
			BC DL 10.0psf	DRWG 04-23-2024
			BC LL 0.0psf	
			TOT.LD. 40.0psf	O/A LEN. 26
			DUR.FAC. 1.25	JOB #: 24-0331
			SPACING 24.0"	TYPE COMN

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.

Wind loads and reactions based on MWFRS with additional C&C member design.

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



DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20% (0%) /10 (0)

QTY= 14 TOTAL= 14

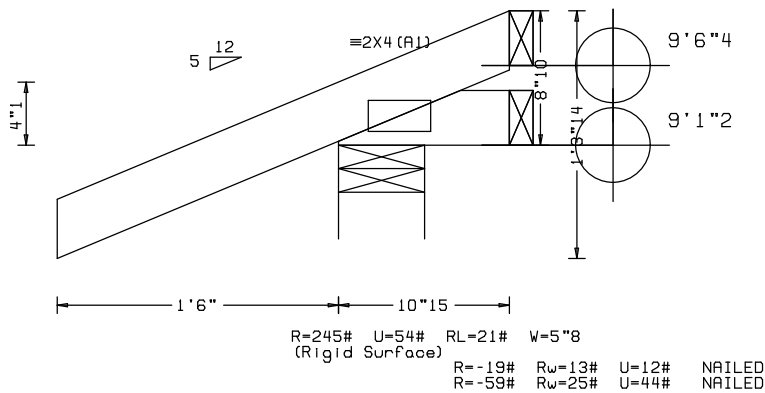
REV. 22.02.01.1115 SEQ = 16257
SCALE = 0.7500

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING! **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 WTCR) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chords shall be properly attached and braced. All structural members 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 suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI Sec.2. For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpinet.org; WTCR: www.sbcindustry.com; ICC: www.iccsafe.org	TC LL	20.0psf	REF
	TC DL	10.0psf	DATE
	BC DL	10.0psf	DRWG 04-23-2024
	BC LL	0.0psf	
	TOT.LD.	40.0psf	O/A LEN. 7
	DUR.FAC.	1.25	JOB #: 24-0331
	SPACING	24.0"	TYPE EJACK

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

Wind loading based on both gable and hip roof types.

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.
Wind loads and reactions based on MWFRS with additional C&C member design.
Deflection meets L/240 live and L/240 total load. Creep increase factor for dead load is 2.00.



OH LEFT RAKE = 1'7"8

PLT. TYP.-WAVE

DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20X(0X)/10(0)

QTY= 8 TOTAL= 8

REV. 22.02.01.1115 SEQ = 16258
SCALE = 1.0000

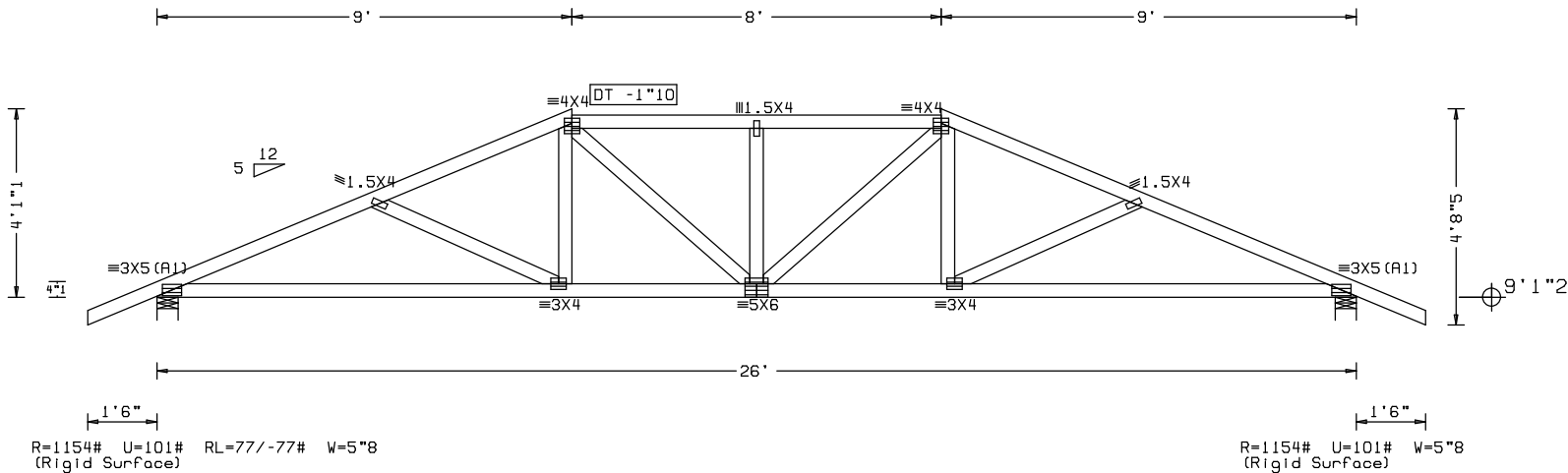
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCR) 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 B9, 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 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.tpinet.org; WTCR: www.sbcindustry.com; ICC: www.iccsafe.org	TC LL 20.0psf	REF
	TC DL 10.0psf	DATE
	BC DL 10.0psf	DRWG 04-23-2024
	BC LL 0.0psf	
	TOT.LD. 40.0psf	O/A LEN. 1015
	DUR.FAC. 1.25	JOB #: 24-0331
	SPACING 24.0"	TYPE JACK

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

Wind loading based on both gable and hip roof types.
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.

Wind loads and reactions based on MWFRS with additional C&C member design.
Deflection meets L/240 live and L/240 total load. Creep increase factor for dead load is 2.00.



OH LEFT RAKE = 1'7"8

OH RIGHT RAKE = 1'7"8

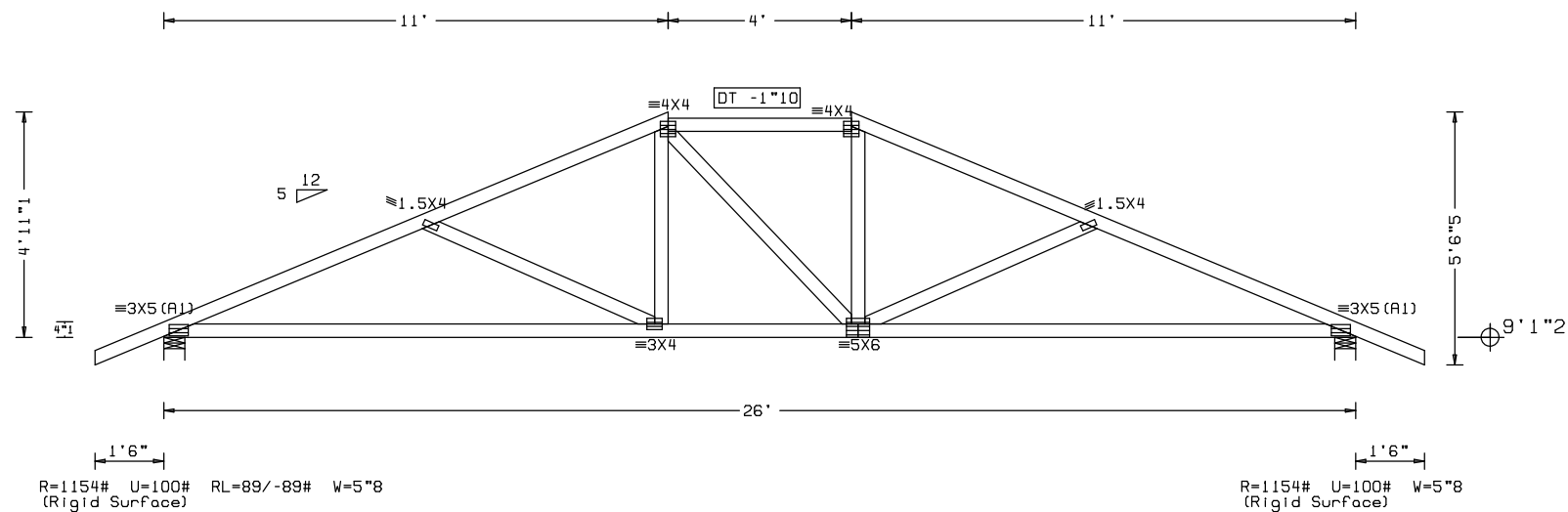
PLT. TYP. -WAVE	DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20X(0X)/10(0)	QTY= 2 TOTAL= 2	REV. 22.02.01.1115	SEQ = 16260 SCALE =0.2500
WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! ***IMPORTANT*** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCR) 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 B9, 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 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.tpinet.org; WTCR: www.sbcindustry.com; ICC: www.iccsafe.org			TC LL 20.0psf	REF
			TC DL 10.0psf	DATE
			BC DL 10.0psf	DRWG 04-23-2024
			BC LL 0.0psf	
			TOT.LD. 40.0psf	O/A LEN. 26
			DUR.FAC. 1.25	JOB #: 24-0331
			SPACING 24.0"	TYPE HIPS

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

Wind loading based on both gable and hip roof types.
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.

Wind loads and reactions based on MWFRS with additional C&C member design.
Deflection meets L/240 live and L/240 total load. Creep increase factor for dead load is 2.00.



OH LEFT RAKE = 1'7"8

OH RIGHT RAKE = 1'7"8

PLT. TYP. -WAVE	DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20X(0X)/10(0)	QTY= 2 TOTAL= 2	REV. 22.02.01.1115	SEQ = 16262 SCALE =0.2500
WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **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 WTCR) 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 B9, 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 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.itwbog.com? TPI: www.tpinet.org? WTCR: www.sbcindustry.com? ICC: www.iocsafo.org			TC LL 20.0psf	REF
			TC DL 10.0psf	DATE
			BC DL 10.0psf	DRWG 04-23-2024
			BC LL 0.0psf	
			TOT.LD. 40.0psf	O/A LEN. 26
			DUR.FAC. 1.25	JOB #: 24-0331
			SPACING 24.0"	TYPE HIPS

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.

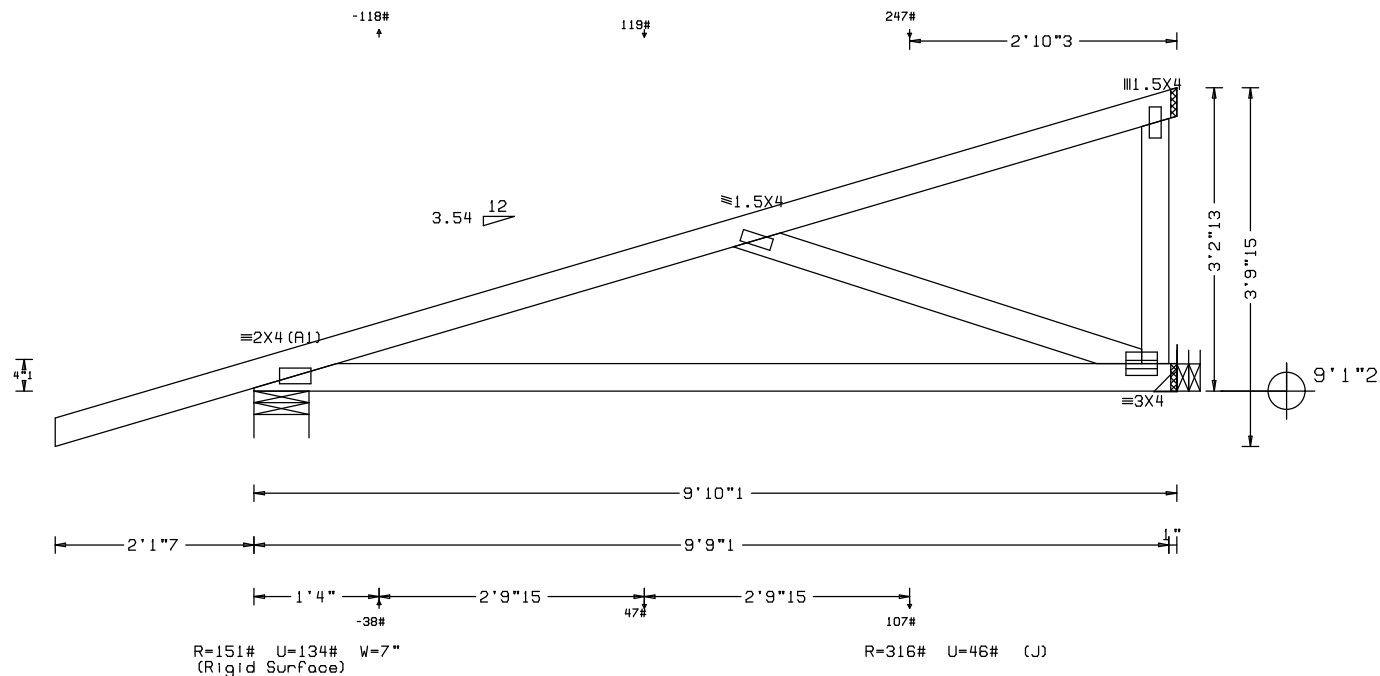
Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

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

Special loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 0 plf at -2.12 to 61 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 9.84
BC: From 2 plf at 0.00 to 2 plf at 9.84
TC: -117.99 lb Conc. Load at 1.33
TC: 118.61 lb Conc. Load at 4.16
TC: 246.88 lb Conc. Load at 6.99
BC: -38.15 lb Conc. Load at 1.33
BC: 46.71 lb Conc. Load at 4.16
BC: 107.18 lb Conc. Load at 6.99

Right end vertical not exposed to wind pressure.



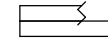
OH LEFT RAKE = 2'2"9		REV. 22.02.01.1115		SEQ = 16263
PLT. TYP. -WAVE		SCALE = 0.5000		
DESIGN CRIT=IBC2021/TPI-2014 FT/RT=20X(0X)/10(0)		TC LL 20.0psf		REF
QTY= 4 TOTAL= 4		TC DL 10.0psf		DATE
WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING 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 WTCR) 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. 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 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.tpinet.org; WTCR: www.sbcindustry.com; ICC: www.iccsafe.org		BC DL 10.0psf		DRWG 04-23-2024
		BC LL 0.0psf		
		TOT.LD. 40.0psf		O/A LEN. 91001
		DUR.FAC. 1.25		JOB #: 24-0331
		SPACING 24.0"		TYPE HIP_JACK

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

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 62 plf at -1.50 to 62 plf at 7.00
TC: From 31 plf at 7.00 to 31 plf at 19.00
TC: From 62 plf at 19.00 to 62 plf at 27.50
BC: From 20 plf at 0.00 to 20 plf at 7.03
BC: From 10 plf at 7.03 to 10 plf at 18.97
BC: From 20 plf at 18.97 to 20 plf at 26.00
TC: 185.15 lb Conc. Load at 7.06, 9.06, 11.06, 13.00
14.94, 16.94, 18.94
BC: 398.36 lb Conc. Load at 7.03, 18.97
BC: 82.52 lb Conc. Load at 9.06, 11.06, 13.00, 14.94
16.94

2 Complete Trusses Required



Nail Schedule: 0.162"x3.5", min. nails

Top Chord: 1 Row @ 12.00" o.c.

Bot Chord: 1 Row @ 12.00" o.c.

Webs: 1 Row @ 4" o.c.

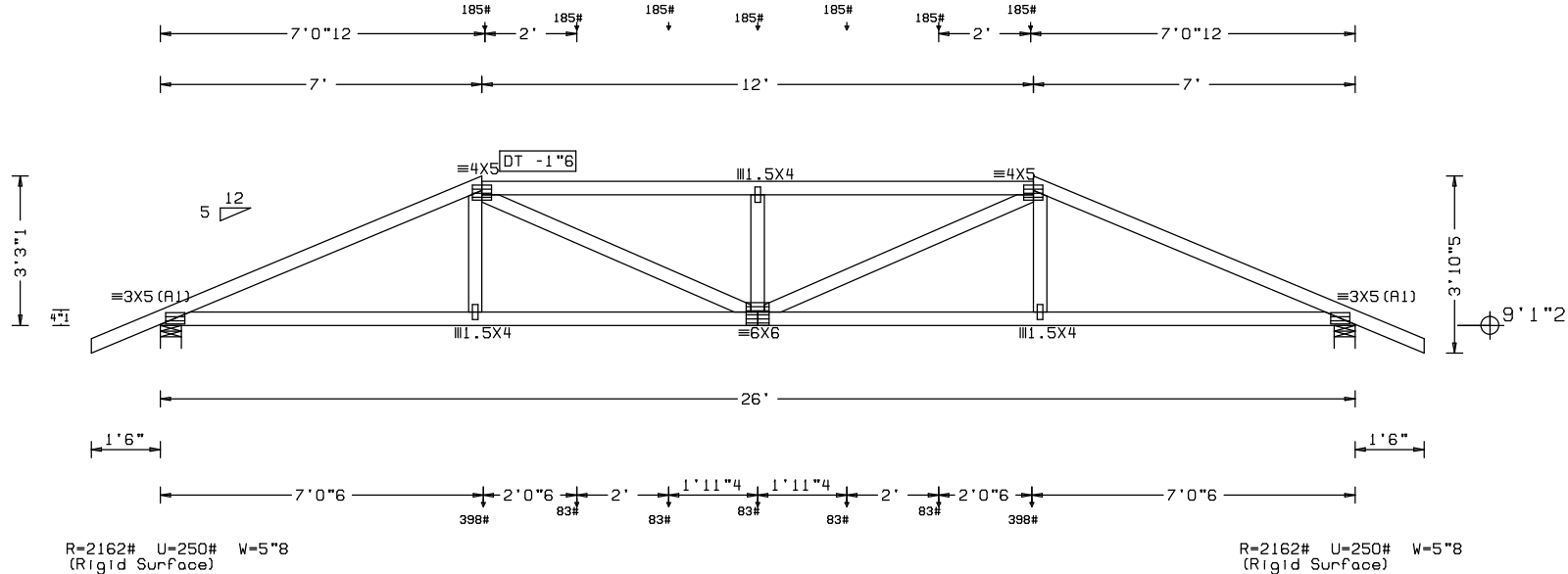
Use equal spacing between rows and stagger nails in each row to avoid splitting.

130 mph wind, 15.00 ft mean hgt, ASCE 7-16, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

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



OH LEFT RAKE = 1'7"8

OH RIGHT RAKE = 1'7"8

PLT. TYP. -WAVE

DESIGN CRIT=IBC2021/TPI-2014 FT/RT-20X(0X)/10(0)

QTY= 2 PLIES= 2 TOTAL= 4

REV. 22.02.01.1115

SEQ = 16265
SCALE = 0.2500

*****WARNING!*** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**
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TC LL	20.0psf	REF
TC DL	10.0psf	DATE
BC DL	10.0psf	DRWG 04-23-2024
BC LL	0.0psf	
TOT.LD.	40.0psf	O/A LEN. 26
DUR.FAC.	1.25	JOB #: 24-0331
SPACING	24.0"	TYPE HIPS