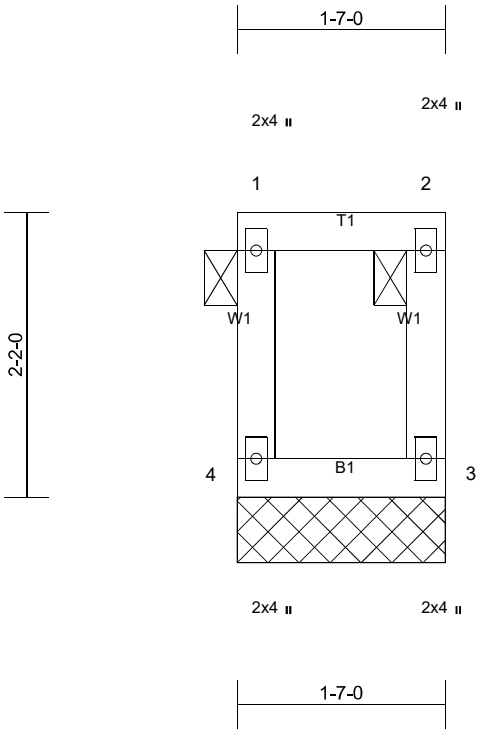
Job	Truss	Truss Type	Qty	Ply	
HANCOCK	1	Blocking Supported Gable	2	1	Job Reference (optional)



Scale = 1:17.5

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 9 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std

BRACING

TOP CHORD	2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=58/1-7-0, (min. 0-1-8), 4=58/1-7-0, (min. 0-1-8)
Max Horiz 4=-72 (LC 10)
Max Uplift 3=-67 (LC 9), 4=-67 (LC 8)
Max Grav 3=73 (LC 19), 4=73 (LC 20)

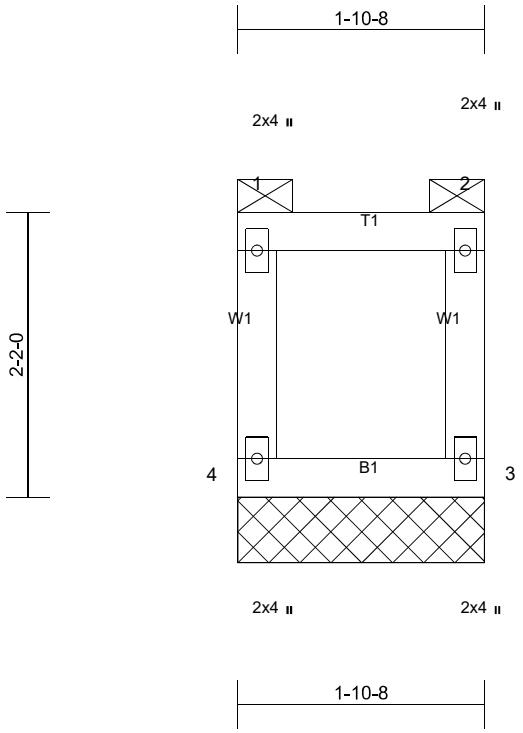
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Provide adequate drainage to prevent water ponding.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 4 and 67 lb uplift at joint 3.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	2	Blocking Supported Gable	50	1	Job Reference (optional)



Scale = 1:17.5

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 9 lb	FT = 10%

LUMBER
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS 2x4 DF Stud/Std

BRACING
TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

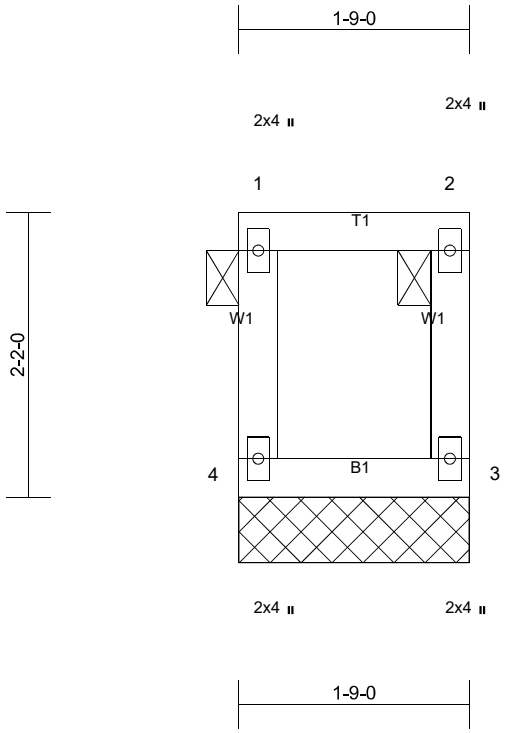
REACTIONS (lb/size) 3=0/1-10-8, (min. 0-1-8), 4=71/1-10-8, (min. 0-1-8)
Max Horiz 4=-72 (LC 8)
Max Uplift 3=-60 (LC 9), 4=-60 (LC 8)
Max Grav 3=74 (LC 19), 4=74 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Provide adequate drainage to prevent water ponding.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 60 lb uplift at joint 4 and 60 lb uplift at joint 3.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	3	Blocking Supported Gable	2	1	Job Reference (optional)



Scale = 1:17.5

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 9 lb	FT = 10%

LUMBER
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS 2x4 DF Stud/Std

BRACING
TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

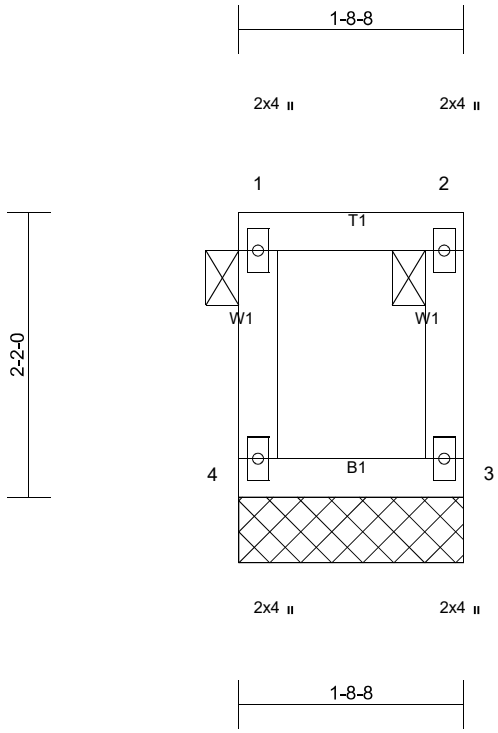
REACTIONS (lb/size) 3=66/1-9-0, (min. 0-1-8), 4=66/1-9-0, (min. 0-1-8)
Max Horiz 4=72 (LC 9)
Max Uplift 3=-63 (LC 9), 4=-63 (LC 8)
Max Grav 3=73 (LC 19), 4=73 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Provide adequate drainage to prevent water ponding.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 4 and 63 lb uplift at joint 3.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	4	Blocking Supported Gable	1	1	Job Reference (optional)



Scale = 1:17.5

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 9 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std

BRACING

TOP CHORD	2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=64/1-8-8, (min. 0-1-8), 4=64/1-8-8, (min. 0-1-8)
Max Horiz 4=-72 (LC 8)
Max Uplift 3=-64 (LC 9), 4=-64 (LC 8)
Max Grav 3=73 (LC 19), 4=73 (LC 20)

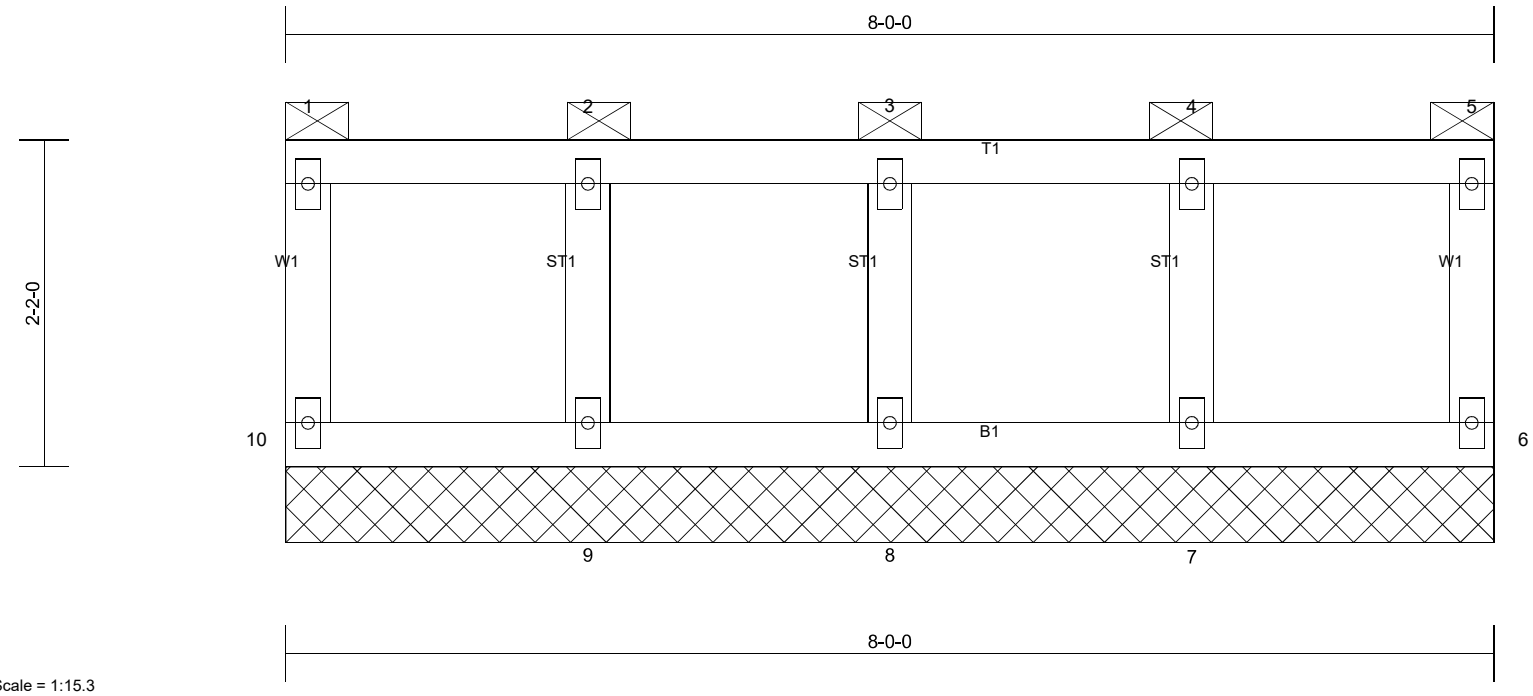
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Provide adequate drainage to prevent water ponding.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 4 and 64 lb uplift at joint 3.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	5	Blocking Supported Gable	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horiz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 32 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.): 1-5, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 8-0-0.
(lb) - Max Horiz 10=-72 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 6, 7, 8, 9, 10
Max Grav All reactions 250 (lb) or less at joint(s) 6, 7, 8, 9, 10

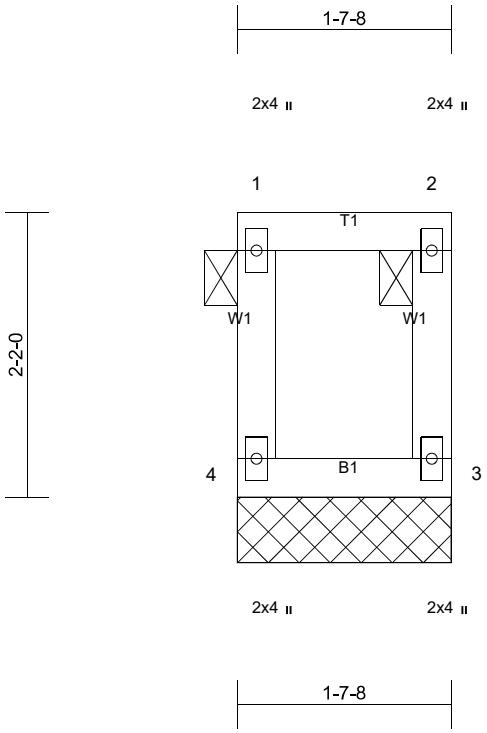
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Provide adequate drainage to prevent water ponding.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10, 6, 9, 8, 7.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	6	Blocking Supported Gable	1	1	Job Reference (optional)



Scale = 1:17.5

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 9 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std

BRACING

TOP CHORD	2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=60/1-7-8, (min. 0-1-8), 4=60/1-7-8, (min. 0-1-8)
Max Horiz 4=-72 (LC 8)
Max Uplift 3=-66 (LC 9), 4=-66 (LC 8)
Max Grav 3=73 (LC 19), 4=73 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Provide adequate drainage to prevent water ponding.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 66 lb uplift at joint 4 and 66 lb uplift at joint 3.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	7	Blocking Supported Gable	1	1	Job Reference (optional)

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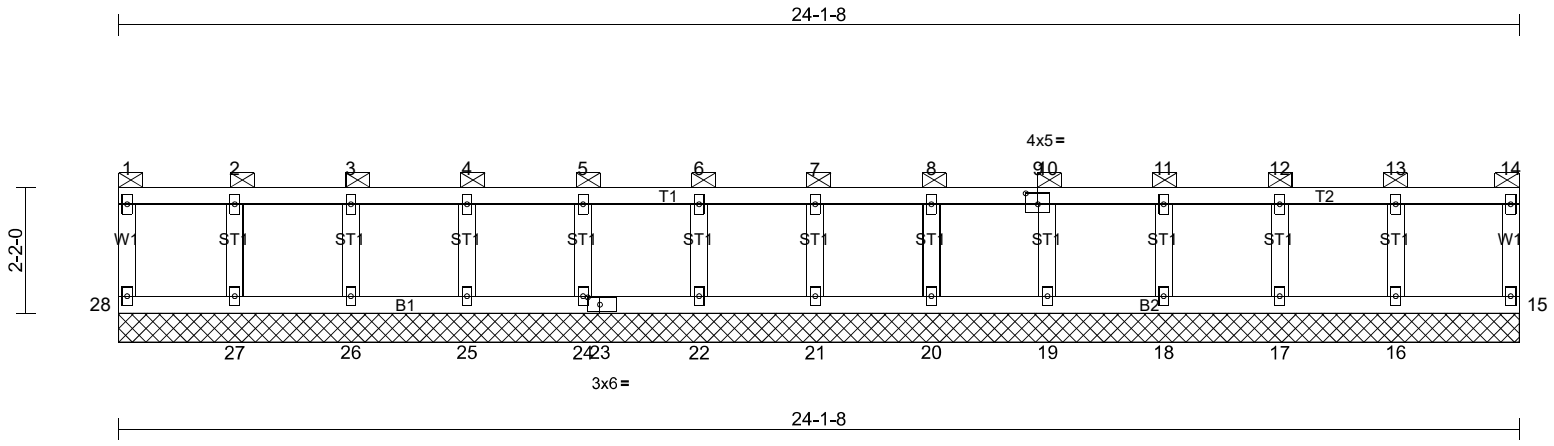

Scale = 1:39.7

Plate Offsets (X, Y): [9:0-2-8,0-2-4], [23:0-2-8,0-1-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horiz(TL)	0.00	15	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 93 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.): 1-14, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 24-1-8.

(lb) - Max Horiz 28=-72 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 27, 28

Max Grav All reactions 250 (lb) or less at joint(s) 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 27, 28

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Provide adequate drainage to prevent water ponding.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 28, 15, 27, 26, 25, 24, 22, 21, 20, 19, 18, 17, 16.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	A1	Attic	17	1	Job Reference (optional)

BMC (Salt Lake 1), Salt Lake City, UT - 84119, Run: 8.61 S 8.33 Jan 22 2020 Print: 8.330 S Jan 22 2020 MiTek Industries, Inc. Tue Jun 16 23:23:52 Page: 1

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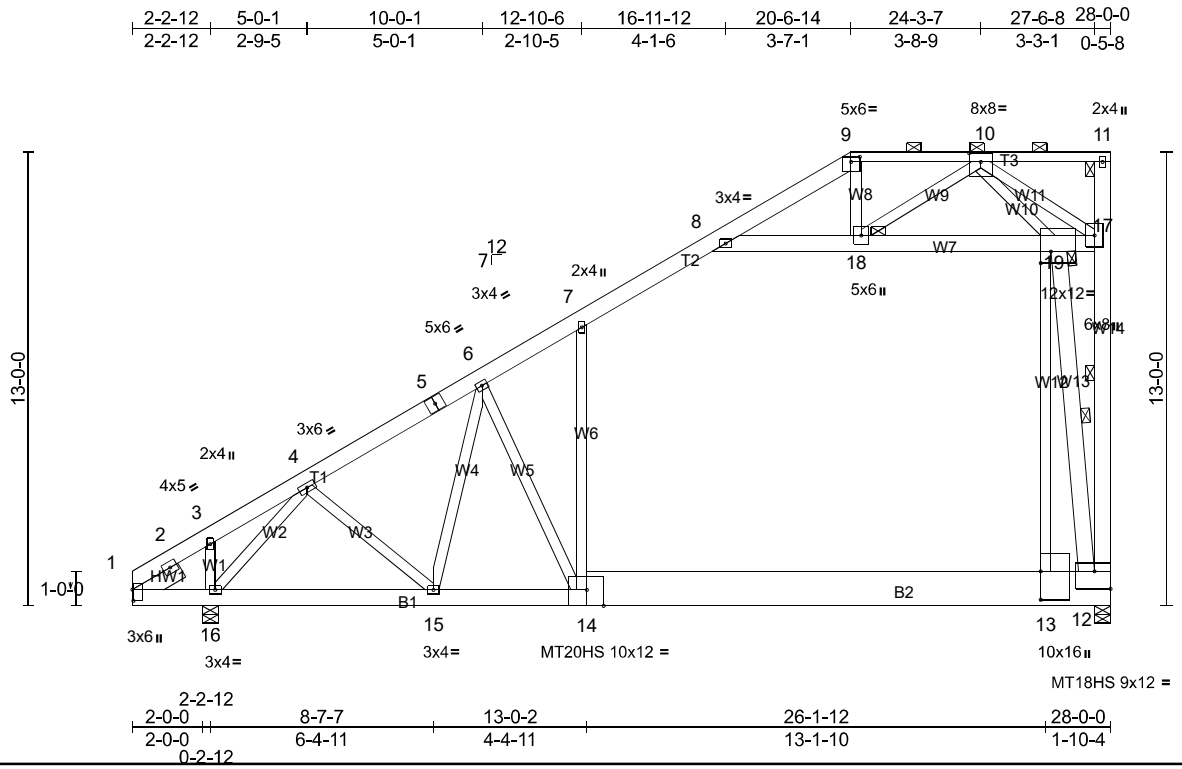

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Plate Offsets (X, Y): [1:0-3-14,0-0-6], [9:0-3-0,0-1-12], [10:0-4-0,0-3-0], [12:Edge,0-6-0], [13:0-9-12,Edge], [14:0-5-12,Edge], [19:0-3-8,0-4-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	-0.45	14-15	>688	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.95	Vert(CT)	-0.76	14-15	>406	180	MT18HS	137/130
BCLL	0.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.02	12	n/a	n/a	MT20HS	110/93
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.30	14-15	>999	360	Weight: 299 lb	FT = 10%

LUMBER

TOP CHORD	2x6 DF 1800F 1.6E or 2x6 DF SS *Except* T3:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x6 DF 1800F 1.6E or 2x6 DF SS *Except* B2:1-1/2" x 11-7/8" VERSA-LAM® 2.0 2800 DF
WEBS	2x4 DF Stud/Std *Except* W14,W7:2x6 DF 1800F 1.6E or 2x6 DF SS, W6,W11,W12:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E, W13:2x6 DF 2400F 2.0E
SLIDER	Left 2x6 DF SS or 1800F 1.6E -- 1-6-2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-7-1 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 9-11.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 11-12, 12-19
JOINTS	1 Brace at Jt(s): 11, 18, 19

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 12=1551/0-5-8, (min. 0-1-11), 16=1538/0-5-8, (min. 0-1-11)
Max Horiz 16=499 (LC 9)
Max Uplift 12=-3 (LC 9), 16=-133 (LC 12)
Max Grav 12=1896 (LC 2), 16=1607 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

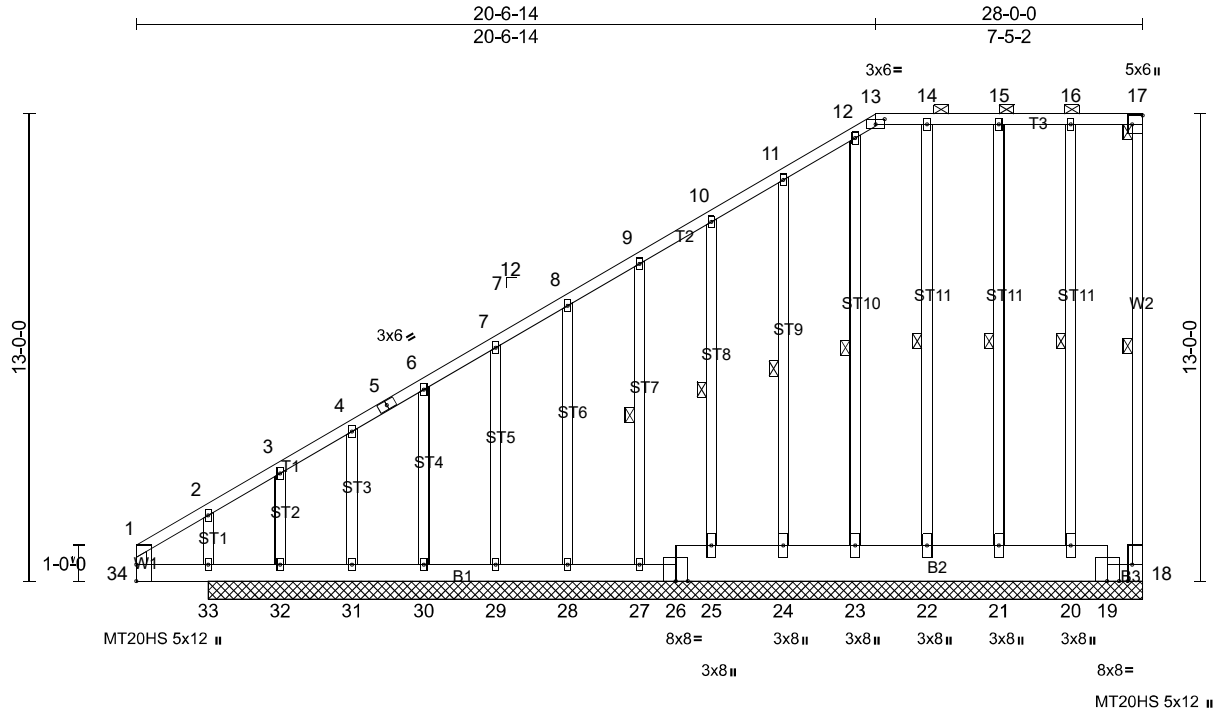
TOP CHORD	4-5=-1667/139, 5-6=-1536/154, 6-7=-1484/136, 7-8=-1095/209, 8-9=-163/562, 9-10=-82/498, 12-17=-844/2333
BOT CHORD	15-16=-579/1254, 14-15=-427/1534, 13-14=-301/1173, 12-13=-294/1078
WEBS	7-14=-8/703, 8-18=-1544/300, 18-19=-2009/417, 17-19=-3004/934, 3-16=-355/136, 4-16=-1687/166, 4-15=0/513, 6-15=-195/309, 6-14=-907/297, 9-18=-379/206, 10-18=-210/532, 10-17=-1275/3393, 13-19=-260/3677, 10-19=-3258/1284, 12-19=-6797/1326

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Provide adequate drainage to prevent water ponding.
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Ceiling dead load (5.0 psf) on member(s). 7-8, 8-18, 18-19, 17-19; Wall dead load (5.0psf) on member(s).7-14, 13-19
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-14
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3 lb uplift at joint 12 and 133 lb uplift at joint 16.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	AG	Attic Supported Gable	2	1	Job Reference (optional)



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28-0-0

Plate Offsets (X, Y): [13:0-3-0,0-1-12], [17:Edge,0-3-8], [18:0-5-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(TL)	n/a	-	n/a	999	MT20HS	165/146
BCLL	0.0	Rep Stress Incr	YES	WB	0.12	Horiz(TL)	0.00	18	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 285 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x6 DF 1800F 1.6E or 2x6 DF SS *Except* B2:1-1/2" x 11-7/8" VERSA-LAM® 2.0 2800 DF
WEBS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E *Except* W2:2x4 DF 2400F 2.0E or 2x4 DF-N 2400F 2.0E
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 13-17.
BOT CHORD	Rigid ceiling directly applied or 9-9-4 oc bracing.
WEBS	1 Row at midpt 17-18, 16-20, 15-21, 14-22, 12-23, 11-24, 10-25, 9-27

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 26-0-0.
(lb) - Max Horiz 33=502 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) 22, 23, 24, 25, 27, 28, 29, 31 except 18=-138 (LC 11), 20=-264 (LC 8), 21=-199 (LC 11), 30=-106 (LC 12), 32=-551 (LC 9), 33=-277 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 18, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31 except 20=343 (LC 23), 32=410 (LC 10), 33=636 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-34=-291/239, 1-2=-640/583, 2-3=-642/588, 3-4=-532/492, 4-5=-494/450, 5-6=-488/461, 6-7=-439/415, 7-8=-387/373, 8-9=-335/329, 9-10=-283/286
BOT CHORD 33-34=-536/596

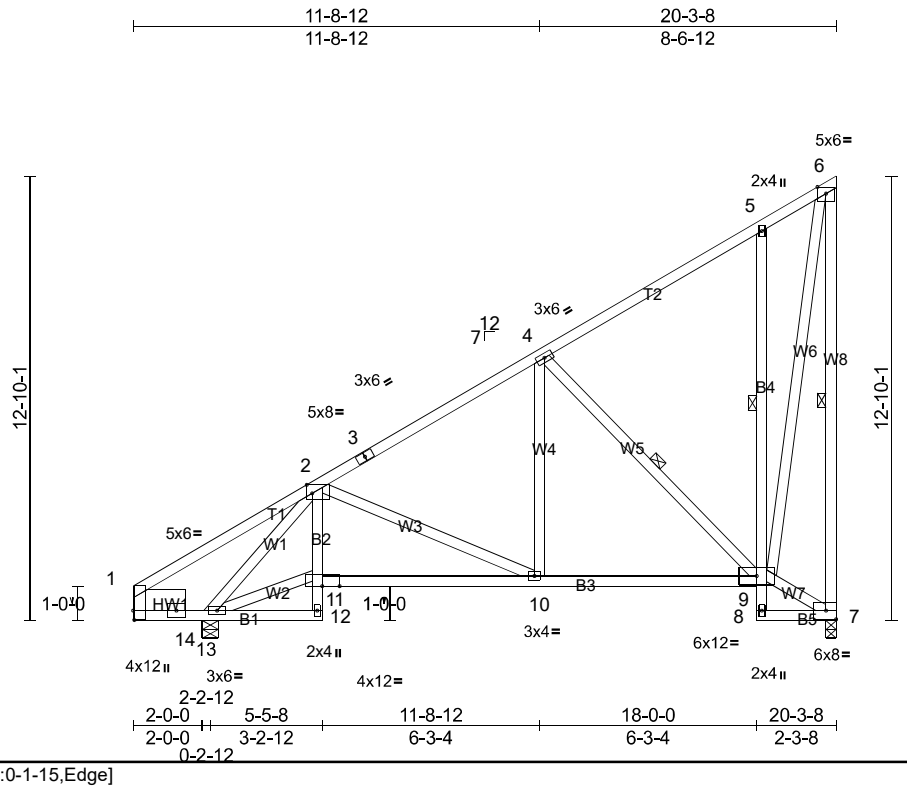
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 23, 24, 25, 27, 28, 29, 31 except (jt=lb) 18=137, 20=264, 21=198, 30=105, 32=551, 33=276.
11) Non Standard bearing condition. Review required.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Attic room checked for L/360 deflection.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	AG	Attic Supported Gable	2	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	B1	Monopitch	14	1	Job Reference (optional)



Scale = 1:66.5

Plate Offsets (X, Y): [1:0-3-4,0-0-6], [2:0-1-15,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	-0.04	10-11	>999	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.07	10-11	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.05	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.03	10-11	>999	360	Weight: 158 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E *Except* B2:2x4 DF Stud/Std
WEBS	2x4 DF Stud/Std *Except* W8:2x4 DF 2400F 2.0E or 2x4 DF-N 2400F 2.0E, W5,W6:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
SLIDER	Left 2x8 DF 1950F 1.7E or SS -- 1-6-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt	5-9
WEBS	1 Row at midpt 6-7, 4-9

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 7=801/0-3-8, (min. 0-1-8), 13=1012/0-5-8, (min. 0-1-8)
Max Horiz 13=495 (LC 11)
Max Uplift 7=-292 (LC 12), 13=-167 (LC 12)
Max Grav 7=846 (LC 19), 13=1012 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-117/293, 2-3=-816/181, 3-4=-583/216, 4-5=-402/190, 5-6=-301/223, 6-7=-810/404
BOT CHORD	2-11=-188/355, 10-11=-768/1140, 9-10=-439/725, 5-9=-427/285
WEBS	2-13=-1390/329, 11-13=-738/1090, 2-10=-453/359, 4-10=-103/263, 4-9=-660/327, 7-9=-299/329, 6-9=-470/920

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 292 lb uplift at joint 7 and 167 lb uplift at joint 13.
4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	BG	Monopitch Supported Gable	1	1	Job Reference (optional)

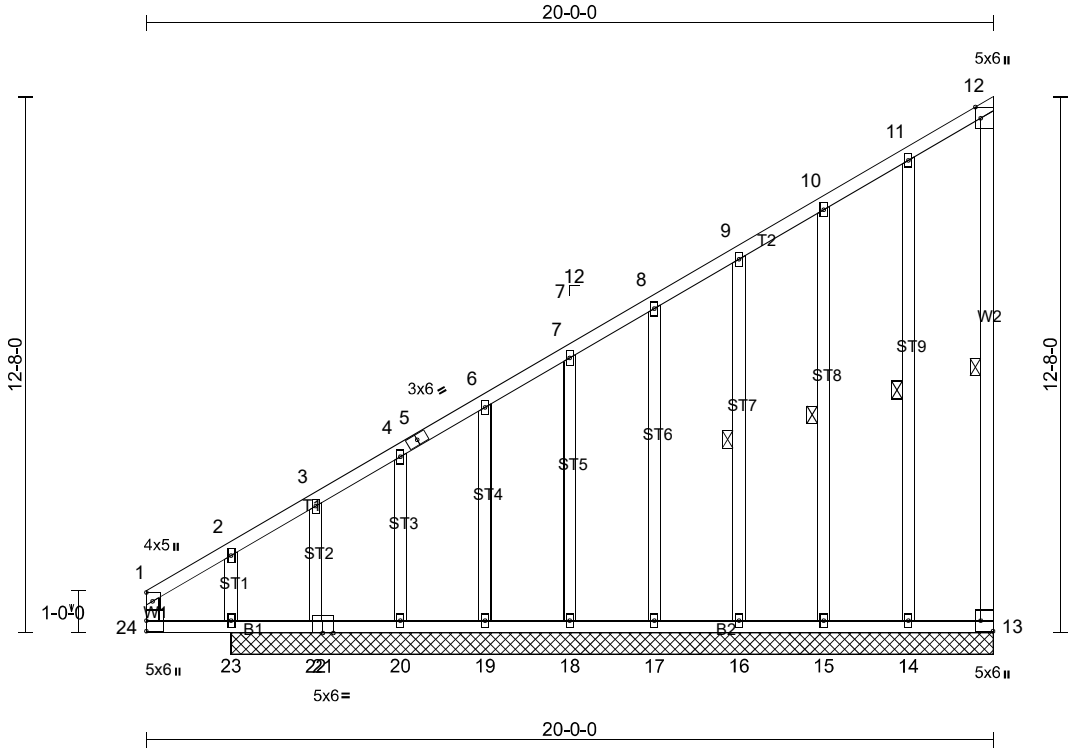


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Plate Offsets (X, Y): [12:0-3-3,Edge], [13:Edge,0-3-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.87	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.71	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.13	Horiz(TL)	0.00	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 152 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std *Except* W2:2x4 DF 2400F 2.0E or 2x4 DF-N 2400F 2.0E
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 12-13, 11-14, 10-15, 9-16

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 18-0-0.

(lb) - Max Horiz 23=487 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) 14, 15, 16, 17, 18, 20 except 13=-123 (LC 11), 19=-103 (LC 12), 22=-552 (LC 9), 23=-274 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 13, 14, 15, 16, 17, 18, 19, 20 except 22=410 (LC 10), 23=635 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-577/527, 2-3=-716/659, 3-4=-499/462, 4-5=-485/440, 5-6=-482/456, 6-7=-425/405, 7-8=-375/363, 8-9=-323/320, 9-10=-270/276
BOT CHORD	23-24=-532/589
WEBS	3-22=-428/407, 2-23=-337/221

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 15, 16, 17, 18, 20 except (jt=lb) 13=122, 19=102, 22=551, 23=274.
8) Non Standard bearing condition. Review required.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	C1	Attic	8	1	Job Reference (optional)

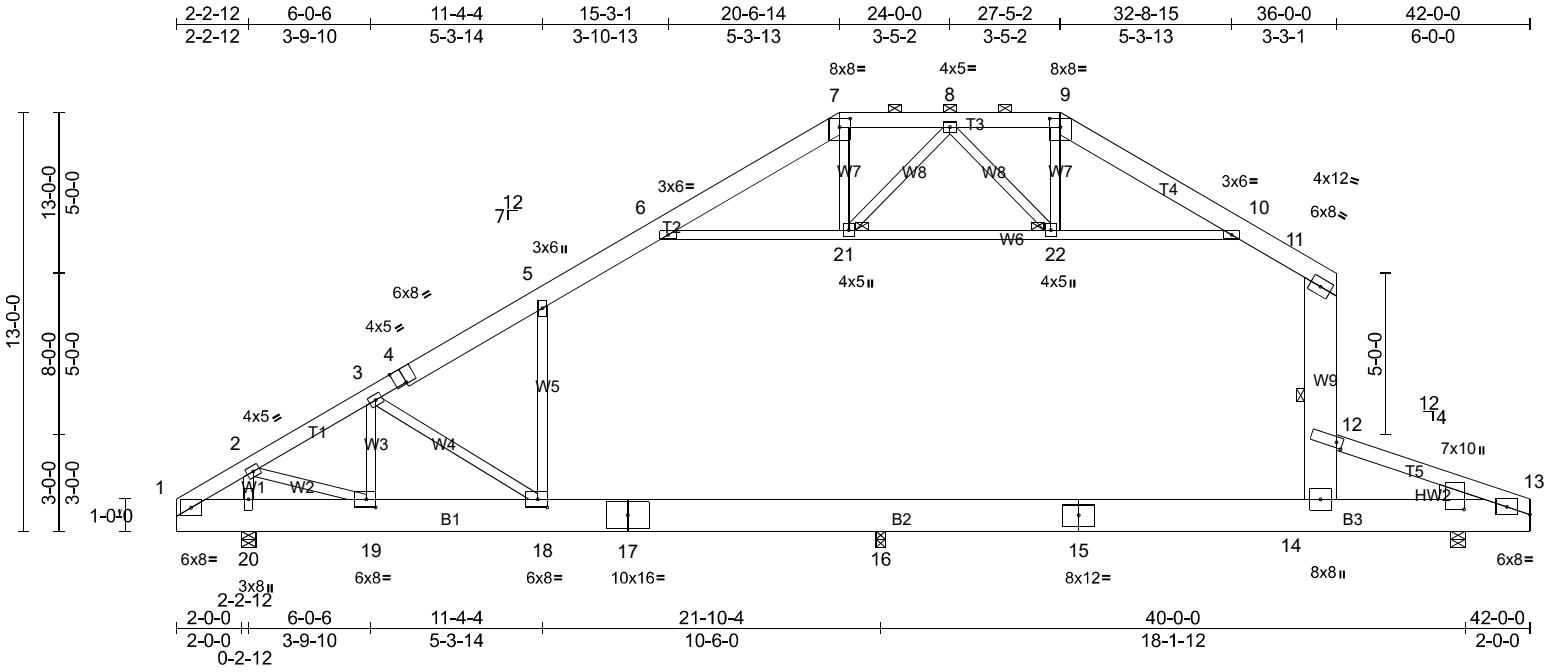

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Plate Offsets (X, Y): [4:0-4-0,Edge], [7:0-4-0,0-3-3], [9:0-4-0,0-3-3], [12:0-2-4,0-2-0], [13:0-4-8,0-0-3], [13:0-1-15,2-0-8], [18:0-3-8,0-3-0], [19:0-3-8,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.25	16-18	>933	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.37	16-18	>636	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.02	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.20	16-18	>999	360	Weight: 417 lb	FT = 10%

LUMBER

TOP CHORD	2x6 DF 1800F 1.6E or 2x6 DF SS *Except* T2,T4:2x8 DF 1950F 1.7E or 2x8 DF SS
BOT CHORD	1-1/2" x 11-7/8" VERSA-LAM® 2.0 2800 DF
WEBS	2x4 DF Stud/Std *Except* W9:1-1/2" x 11-7/8" VERSA-LAM® 2.0 2800 DF, W6:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEDGE	Right: 2x6 DF SS or 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-3-13 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9, 11-14. Except: 5-6-0 oc bracing: 11-14
BOT CHORD	Rigid ceiling directly applied or 7-9-12 oc bracing.
JOINTS	1 Brace at Jt(s): 21, 22

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 13=1613/0-5-8, (min. 0-1-8), 16=1138/0-3-8, (min. 0-1-14), 20=1801/0-5-8, (min. 0-1-10)
Max Horiz 20=504 (LC 12)
Max Uplift 13=-209 (LC 13), 20=-159 (LC 12)
Max Grav 13=1643 (LC 2), 16=2095 (LC 20), 20=1801 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

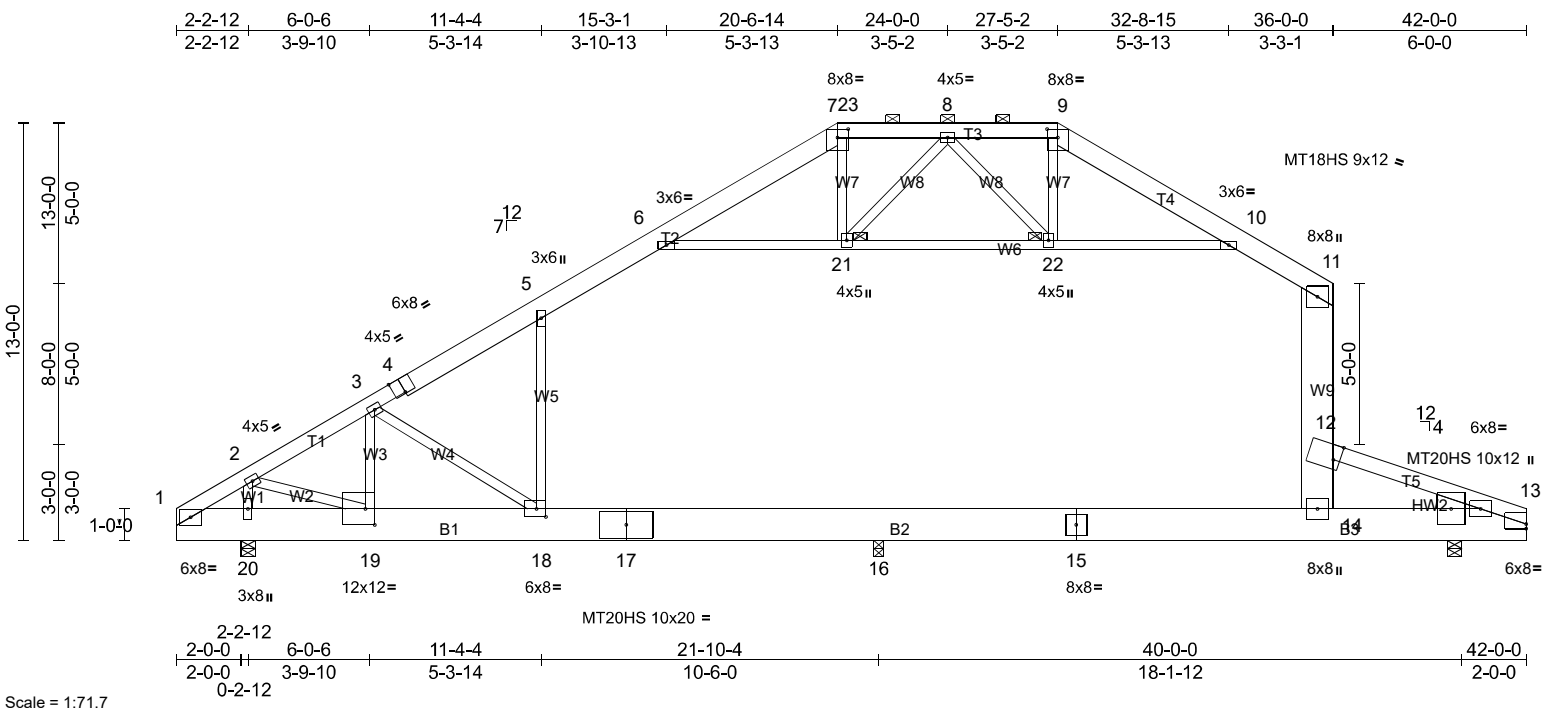
TOP CHORD	1-2=-508/14, 2-3=-1769/243, 3-4=-1415/167, 4-5=-1329/192, 5-6=-1548/353, 6-7=-1287/323, 7-8=-1088/351, 8-9=-956/306, 9-10=-1249/302, 10-11=-1550/362, 12-14=-112/431, 11-12=-1089/265, 12-13=-3704/677
BOT CHORD	1-20=0/391, 19-20=-459/618, 18-19=-529/1559, 17-18=-289/1214, 16-17=-289/1214, 15-16=-289/1214, 14-15=-289/1214, 13-14=-557/3368
WEBS	5-18=-825/322, 6-21=-392/121, 21-22=-374/84, 10-22=-527/132, 9-22=-72/357, 8-22=-385/154, 3-18=-576/405, 2-20=-1298/254, 2-19=-128/1149, 3-19=-250/326

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-0 to 41-9-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Ceiling dead load (5.0 psf) on member(s). 5-6, 10-11, 12-14, 11-12, 6-21, 21-22, 10-22; Wall dead load (5.0psf) on member(s).5-18
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 16-18, 14-16
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 lb uplift at joint 20 and 209 lb uplift at joint 13.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	C2	Attic	2	**3**	Job Reference (optional)



Scale = 1:71.7

Plate Offsets (X, Y): [4:0-4-0,Edge], [7:0-4-0,0-3-3], [9:0-4-0,0-3-3], [12:0-2-5,Edge], [13:Edge,0-1-11], [18:0-3-8,0-3-0], [19:0-3-8,0-6-0]

Loading	(psf)	**Spacing**	2-0-0	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.82	Vert(LL)	-0.39	16-18	>602	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.68	Vert(CT)	-0.52	16-18	>451	180	MT18HS	137/130
BCLL	0.0	Rep Stress Incr	NO	WB	0.90	Horz(CT)	0.03	13	n/a	n/a	MT20HS	110/93
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.19	16-18	>999	360	Weight: 1252 lb	FT = 10%

LUMBER

TOP CHORD	2x6 DF 1800F 1.6E or 2x6 DF SS *Except* T2,T4:2x8 DF 1950F 1.7E or 2x8 DF SS
BOT CHORD	1-1/2" x 11-7/8" VERSA-LAM® 2.0 2800 DF
WEBS	2x4 DF Stud/Std *Except* W9:1-1/2" x 11-7/8" VERSA-LAM® 2.0 2800 DF, W6:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEDGE	Right: 2x6 DF SS or 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9, 11-14.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 21, 22

REACTIONS (lb/size) 13=5582/0-5-8, (min. 0-2-8), 16=6320/0-3-8, (min. 0-3-4), 20=7467/0-5-8, (min. 0-3-6)
Max Horiz 20=504 (LC 8)
Max Uplift 13=-1214 (LC 9), 16=-1167 (LC 8), 20=-1594 (LC 8)
Max Grav 13=8393 (LC 17), 16=10950 (LC 17), 20=11390 (LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-2758/308, 2-3=-10075/1385, 3-4=-7324/876, 4-5=-6750/833, 5-6=-7057/936, 6-7=-4501/666, 7-23=-3636/654, 8-23=-3636/654, 8-9=-3238/567, 9-10=-4449/649, 10-11=-7112/973, 12-14=-257/2354, 11-12=-4225/666, 12-13=-18335/2542
BOT CHORD	1-20=-227/2127, 19-20=-717/2181, 18-19=-1572/8503, 17-18=-894/5981, 16-17=-894/5981, 15-16=-894/5981, 14-15=-894/5981, 13-14=-2301/17010
WEBS	5-18=-1615/484, 6-21=-2213/316, 21-22=-1955/262, 10-22=-2630/414, 7-21=-111/440, 9-22=-172/898, 8-22=-1060/281, 8-21=-455/201, 3-18=-3256/829, 2-20=-7067/1083, 2-19=-922/6822, 3-19=-492/1769

NOTES

1) 3-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x8 - 2 rows staggered at 0-9-0 oc, 2x12 - 3 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x12 - 3 rows staggered at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Ceiling dead load (5.0 psf) on member(s). 5-6, 10-11, 12-14, 11-12, 6-21, 21-22, 10-22; Wall dead load (5.0psf) on member(s).5-18
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 16-18, 14-16
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1594 lb uplift at joint 20, 1167 lb uplift at joint 16 and 1214 lb uplift at joint 13.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

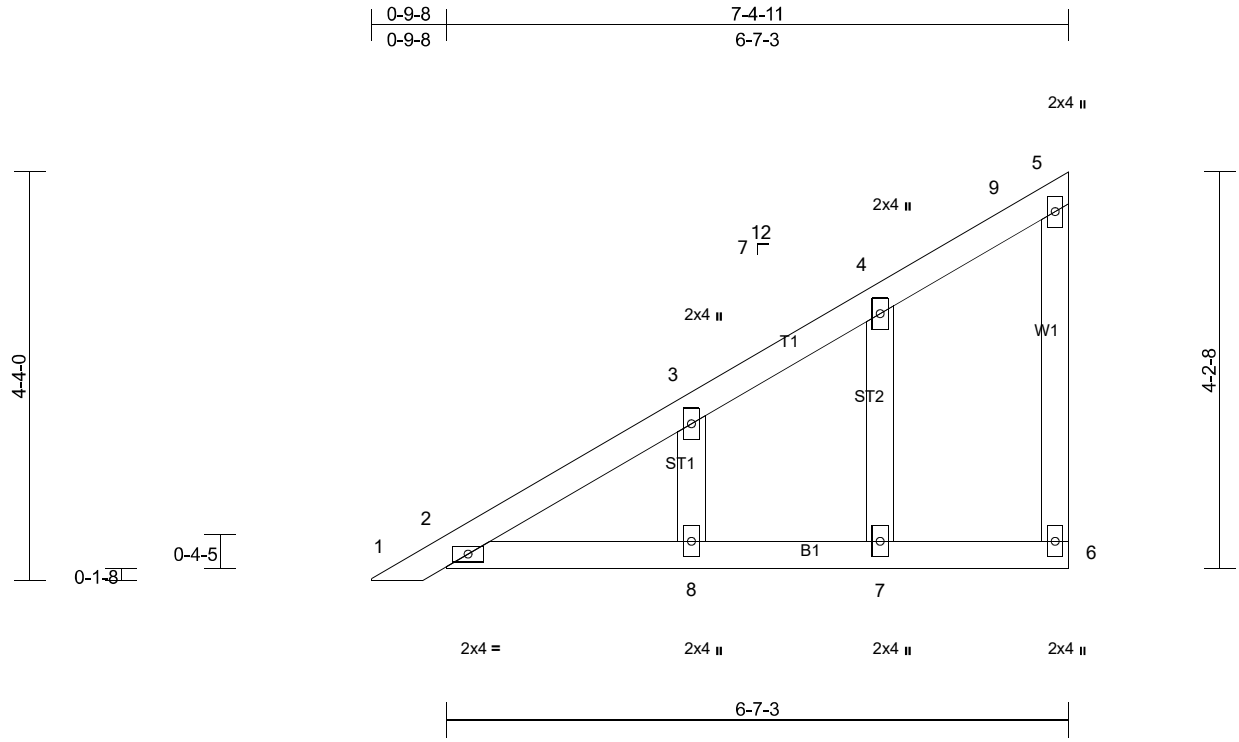
Continued on page 2

12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-5=-240 (F=-160), 5-6=-250 (F=-160), 6-7=-240 (F=-160), 7-23=-80, 9-23=-240 (F=-160), 9-10=-240 (F=-160), 10-11=-250 (F=-160), 12-13=-80, 1-18=-230 (F=-220), 14-18=-250 (F=-220), 13-14=-230 (F=-220), 6-21=-10, 21-22=-10, 10-22=-10
Drag: 5-18=-10

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	CAP1	Piggyback	2	1	Job Reference (optional)



Scale = 1:24.4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.36	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 31 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 6-7-3.
(lb) - Max Horiz 2=156 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 7, 8
Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 7, 8

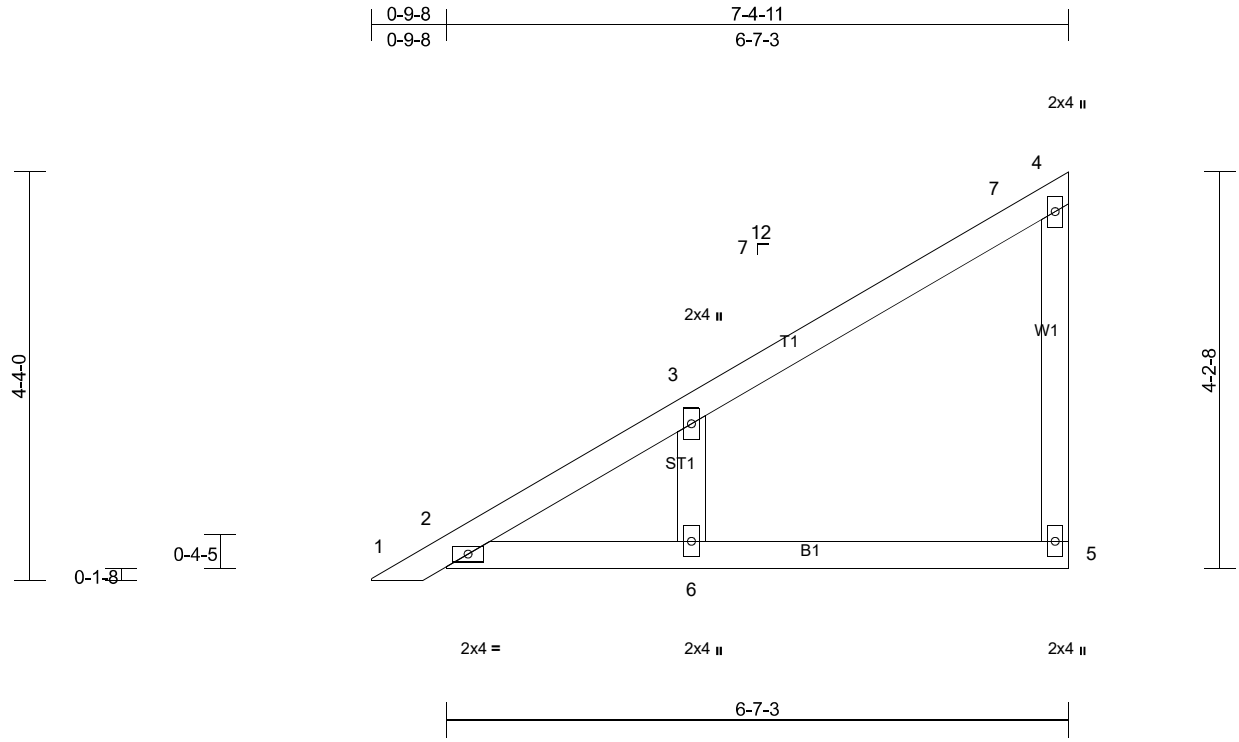
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2, 7, 8.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	CAP2	Piggyback	17	1	Job Reference (optional)



Scale = 1:24.4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 27 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

REACTIONS (lb/size) 2=114/6-7-3, (min. 0-1-8), 5=140/6-7-3, (min. 0-1-8), 6=368/6-7-3, (min. 0-1-8)
Max Horiz 2=156 (LC 9)
Max Uplift 2=-14 (LC 8), 5=-39 (LC 9), 6=-151 (LC 12)
Max Grav 2=121 (LC 20), 5=148 (LC 19), 6=369 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-327/196

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

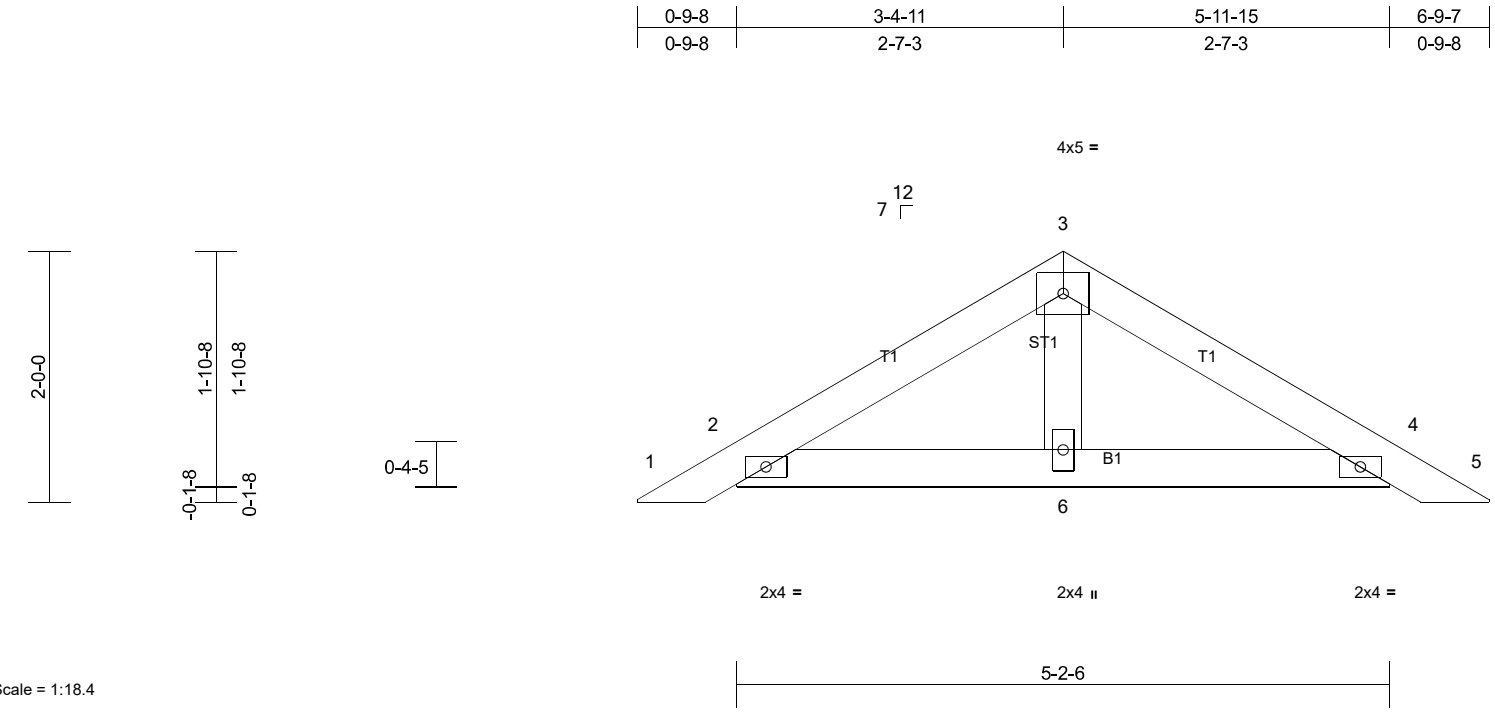
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 4-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 5, 14 lb uplift at joint 2 and 151 lb uplift at joint 6.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	CAP3	Piggyback	8	1	Job Reference (optional)



Scale = 1:18.4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 19 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=173/5-2-6, (min. 0-1-8), 4=173/5-2-6, (min. 0-1-8), 6=205/5-2-6, (min. 0-1-8)
Max Horiz 2=-48 (LC 10)
Max Uplift 2=-48 (LC 12), 4=-54 (LC 13), 6=-17 (LC 12)

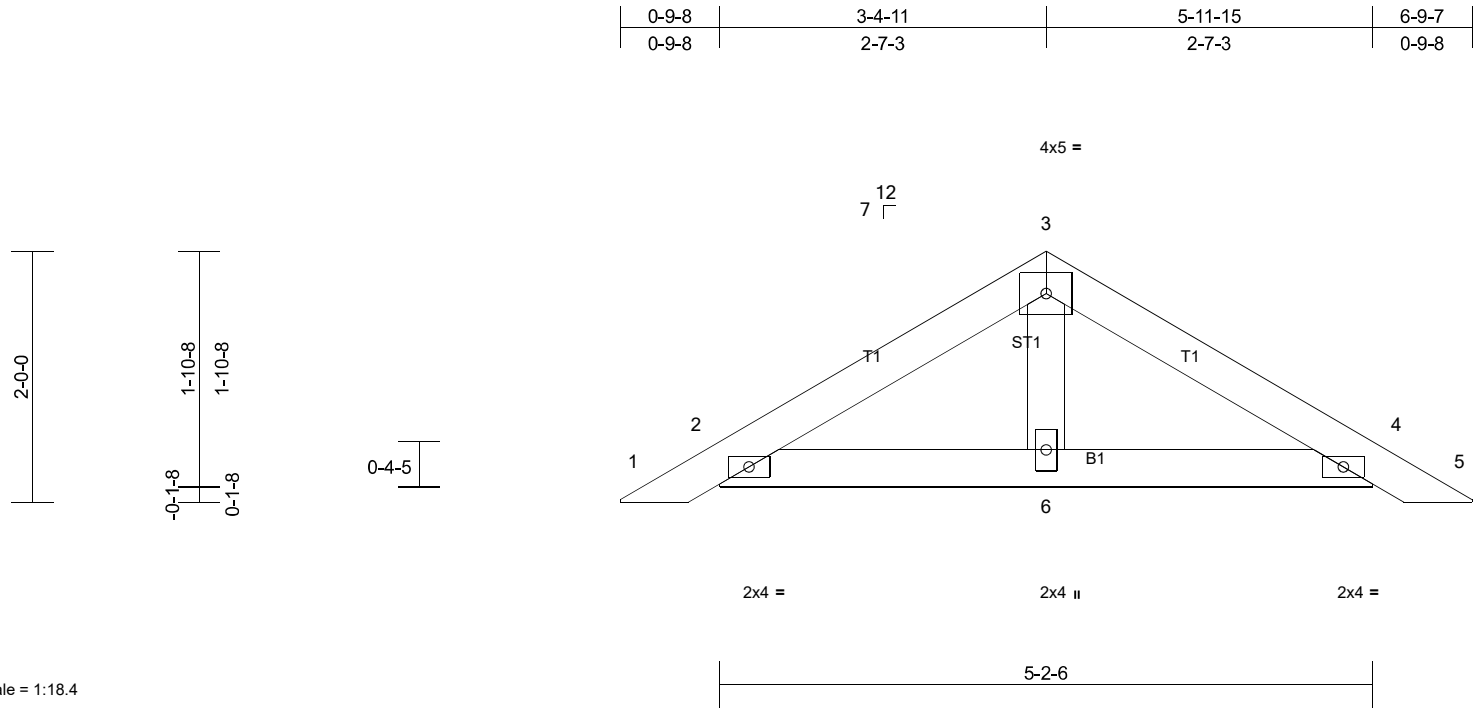
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 4-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 2, 54 lb uplift at joint 4 and 17 lb uplift at joint 6.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	CAP4	Piggyback	2	**3**	Job Reference (optional)



Scale = 1:18.4

Loading	(psf)	**Spacing**	2-0-0	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 58 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=173/5-2-6, (min. 0-1-8), 4=173/5-2-6, (min. 0-1-8), 6=205/5-2-6, (min. 0-1-8)
Max Horiz 2=-48 (LC 10)
Max Uplift 2=-48 (LC 12), 4=-54 (LC 13), 6=-17 (LC 12)

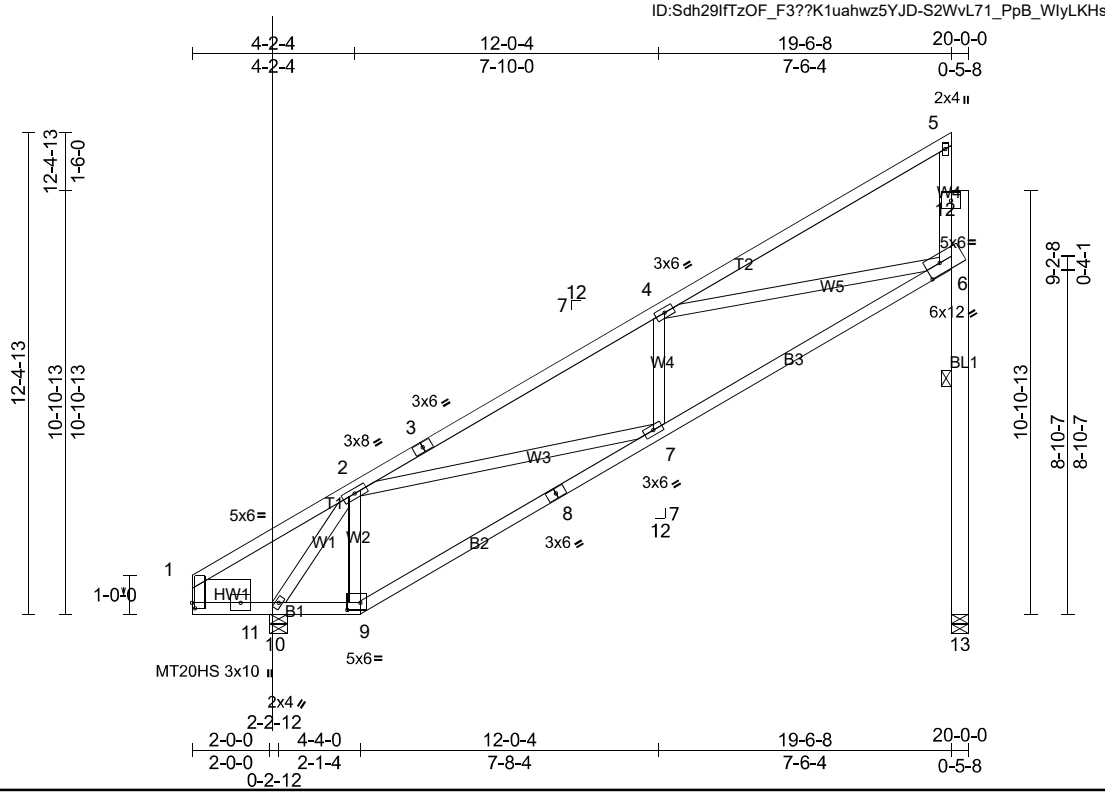
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) 3-ply truss to be connected together as follows:
Top chords connected with 10d (0.148"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected with 10d (0.148"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
5) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 2, 54 lb uplift at joint 4 and 17 lb uplift at joint 6.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	D1	Monopitch	4	1	Job Reference (optional)



Scale = 1:59.3

Plate Offsets (X, Y): [1:0-1-12,0-0-14], [6:0-4-8,0-3-4], [9:0-4-0,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	-0.10	6-7	>999	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.34	Vert(CT)	-0.16	6-7	>999	180	MT20HS	165/146
BCLL	0.0	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.39	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.06	7	>999	360	Weight: 125 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std *Except* W3,W5:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
OTHERS	2x6 DF 1800F 1.6E or 2x6 DF SS
SLIDER	Left 2x8 DF 1950F 1.7E or SS -- 1-6-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-1-3 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-13

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 10=997/0-5-8, (min. 0-1-8), 13=750/0-5-8, (min. 0-1-8)
Max Horiz 10=490 (LC 12)
Max Uplift 10=-86 (LC 12), 13=-355 (LC 12)
Max Grav 10=997 (LC 1), 13=764 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

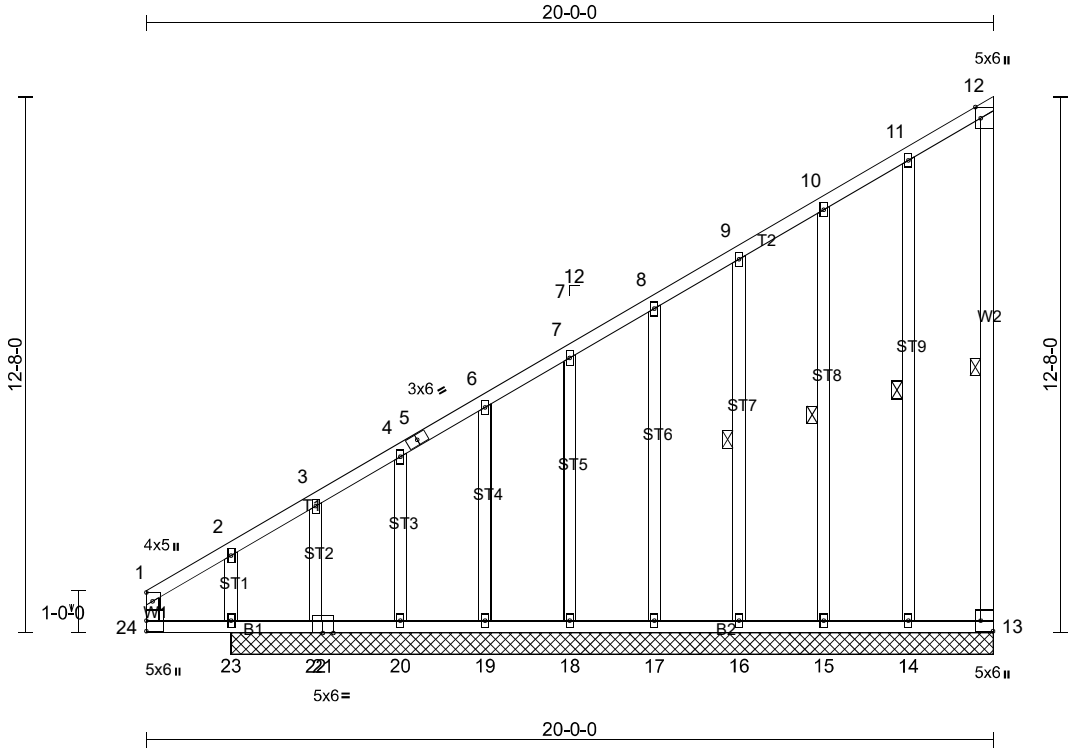
TOP CHORD	1-2=-120/273, 2-3=-1559/381, 3-4=-1275/424, 4-5=-257/20
BOT CHORD	9-10=-467/611, 8-9=-535/691, 7-8=-514/713, 6-7=-733/1466
WEBS	2-10=-1116/133, 2-9=-301/295, 2-7=-170/742, 4-6=-1206/597, 6-13=-764/355

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) All plates are MT20 plates unless otherwise indicated.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 10 and 355 lb uplift at joint 13.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	D2	Monopitch Supported Gable	1	1	Job Reference (optional)



Scale = 1:54.4

Plate Offsets (X, Y): [12:0-3-3,Edge], [13:Edge,0-3-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.87	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.71	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.13	Horiz(TL)	0.00	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 152 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std *Except* W2:2x4 DF 2400F 2.0E or 2x4 DF-N 2400F 2.0E
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 12-13, 11-14, 10-15, 9-16

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 18-0-0.

(lb) - Max Horiz 23=487 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 14, 15, 16, 17, 18, 20 except 13=-123 (LC 11), 19=-103 (LC 12), 22=-552 (LC 9), 23=-274 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 13, 14, 15, 16, 17, 18, 19, 20 except 22=410 (LC 10), 23=635 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-577/527, 2-3=-716/659, 3-4=-499/462, 4-5=-485/440, 5-6=-482/456, 6-7=-425/405, 7-8=-375/363, 8-9=-323/320, 9-10=-270/276
BOT CHORD	23-24=-532/589
WEBS	3-22=-428/407, 2-23=-337/221

NOTES

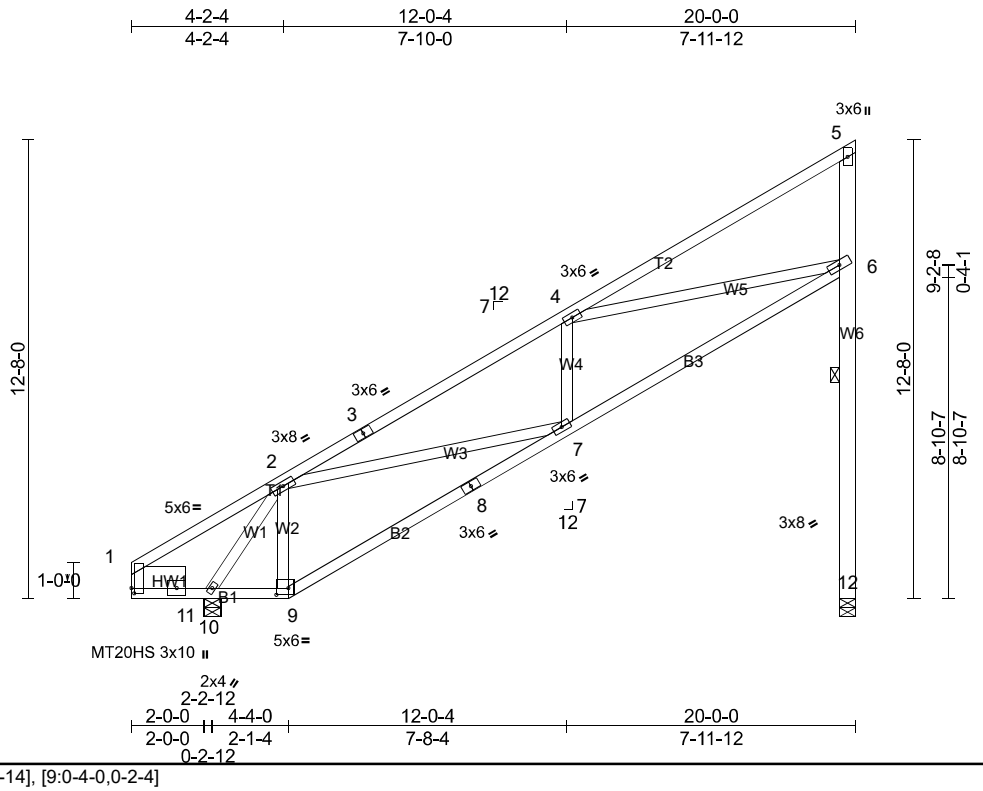
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 15, 16, 17, 18, 20 except (jt=lb) 13=122, 19=102, 22=551, 23=274.
8) Non Standard bearing condition. Review required.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	D3	Monopitch	5	1	Job Reference (optional)

BMC (Salt Lake 1), Salt Lake City, UT - 84119, Run: 8.61 S 8.33 Jan 22 2020 Print: 8.330 S Jan 22 2020 MiTek Industries, Inc. Tue Jun 16 23:23:56 Page: 1

ID:mbmG1azrlu_WqpryCQL7cvz5YHW-S2WvL71_PpB_WIyLKHshhYDULthEaklq38ILSGz5YCH



Scale = 1:63.6

Plate Offsets (X, Y): [1:0-1-12,0-0-14], [9:0-4-0,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	-0.09	7-9	>999	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	-0.15	7-9	>999	180	MT20HS	165/146
BCLL	0.0	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.07	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.06	7-9	>999	360	Weight: 125 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std *Except* W6:2x6 DF 1800F 1.6E or 2x6 DF SS, W3,W5:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
SLIDER	Left 2x8 DF 1950F 1.7E or SS -- 1-6-0

REACTIONS (lb/size) 10=997/0-5-8, (min. 0-1-8), 12=782/0-5-8, (min. 0-1-8)
Max Horiz 10=499 (LC 12)
Max Uplift 10=-80 (LC 12), 12=-371 (LC 12)
Max Grav 10=997 (LC 1), 12=796 (LC 19)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-10-12 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-12

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-120/273, 2-3=-1552/380, 3-4=-1405/414, 4-5=-258/54, 6-12=-796/371
BOT CHORD	9-10=-473/617, 8-9=-542/699, 7-8=-521/719, 6-7=-732/1465
WEBS	2-10=-1120/127, 2-9=-302/298, 2-7=-163/731, 4-6=-1194/599

NOTES

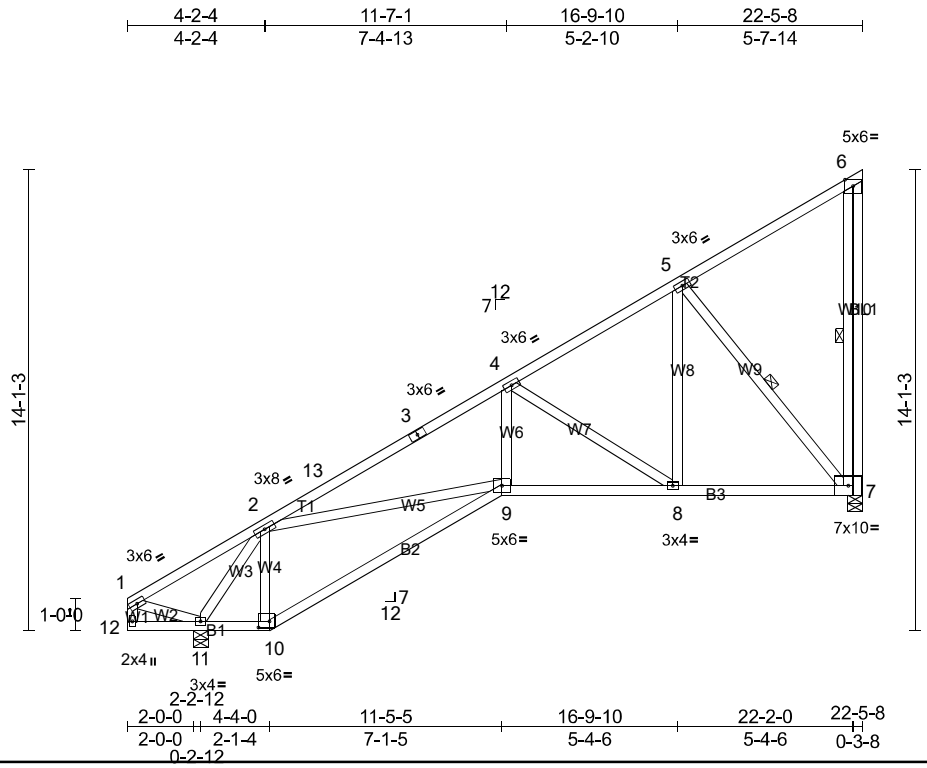
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) All plates are MT20 plates unless otherwise indicated.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 80 lb uplift at joint 10 and 371 lb uplift at joint 12.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	E1	Jack-Closed	4	1	Job Reference (optional)

BMC (Salt Lake 1), Salt Lake City, UT - 84119, Run: 8.61 S 8.33 Jan 22 2020 Print: 8.330 S Jan 22 2020 MiTek Industries, Inc. Tue Jun 16 23:23:57 Page: 1

ID:Sdh29lfTzOF_F3??K1uahwz5YJD-wE4HYS1cA7Jr8SXXu_NwDmmhLG2YJE?zIo1v_iz5YCG



Scale = 1:70.4

Plate Offsets (X, Y): [10:0-4-0,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	-0.10	9-10	>999	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.17	9-10	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.07	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.05	9	>999	360	Weight: 145 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std *Except* W10,W5,W9:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
OTHERS	2x4 DF Stud/Std

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-4-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 7-3-0 oc bracing.
WEBS	1 Row at midpt 6-7, 5-7

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 7=887/0-5-8, (min. 0-1-8), 11=1094/0-5-8, (min. 0-1-8)
Max Horiz 11=472 (LC 9)
Max Uplift 7=-229 (LC 9), 11=-124 (LC 12)
Max Grav 7=932 (LC 19), 11=1094 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

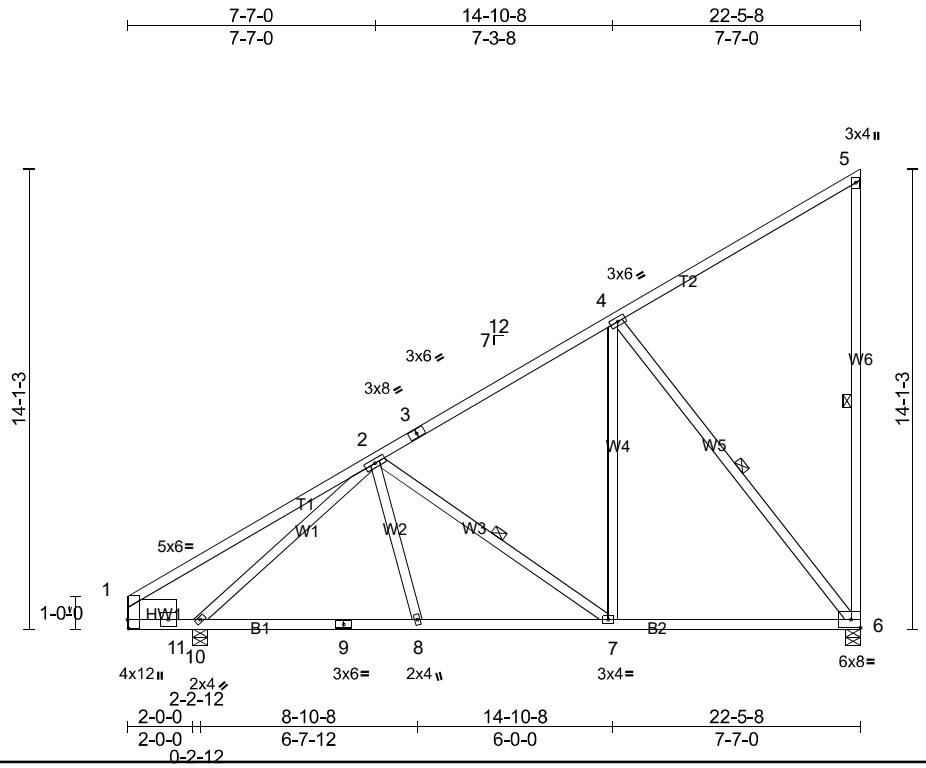
TOP CHORD	2-13=-1813/412, 3-13=-1662/430, 3-4=-1625/453, 4-5=-785/249
BOT CHORD	10-11=-607/852, 9-10=-693/980, 8-9=-863/1530, 7-8=-371/642
WEBS	2-11=-1214/274, 2-10=-425/380, 2-9=-292/897, 4-9=-351/648, 4-8=-1058/582, 5-8=-263/615, 5-7=-912/423

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 229 lb uplift at joint 7 and 124 lb uplift at joint 11.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	E2	Monopitch	3	1	Job Reference (optional)



Scale = 1:70.6

Plate Offsets (X, Y): [1:0-3-4,0-0-6]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.08	6-7	>999	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.13	6-7	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.02	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.03	7-8	>999	360	Weight: 145 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E *Except* W2:2x4 DF Stud/Std
SLIDER	Left 2x8 DF 1950F 1.7E or SS -- 1-6-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-6, 2-7, 4-6

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 6=902/0-5-8, (min. 0-1-8), 10=1107/0-5-8, (min. 0-1-8)
Max Horiz 10=559 (LC 12)
Max Uplift 6=-418 (LC 12), 10=-91 (LC 12)
Max Grav 6=914 (LC 19), 10=1107 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-102/312, 2-3=-722/0, 3-4=-456/0
BOT CHORD	9-10=-464/794, 8-9=-464/794, 7-8=-454/808, 6-7=-245/513
WEBS	2-10=-1195/71, 2-7=-367/254, 4-7=-99/340, 4-6=-812/389

NOTES

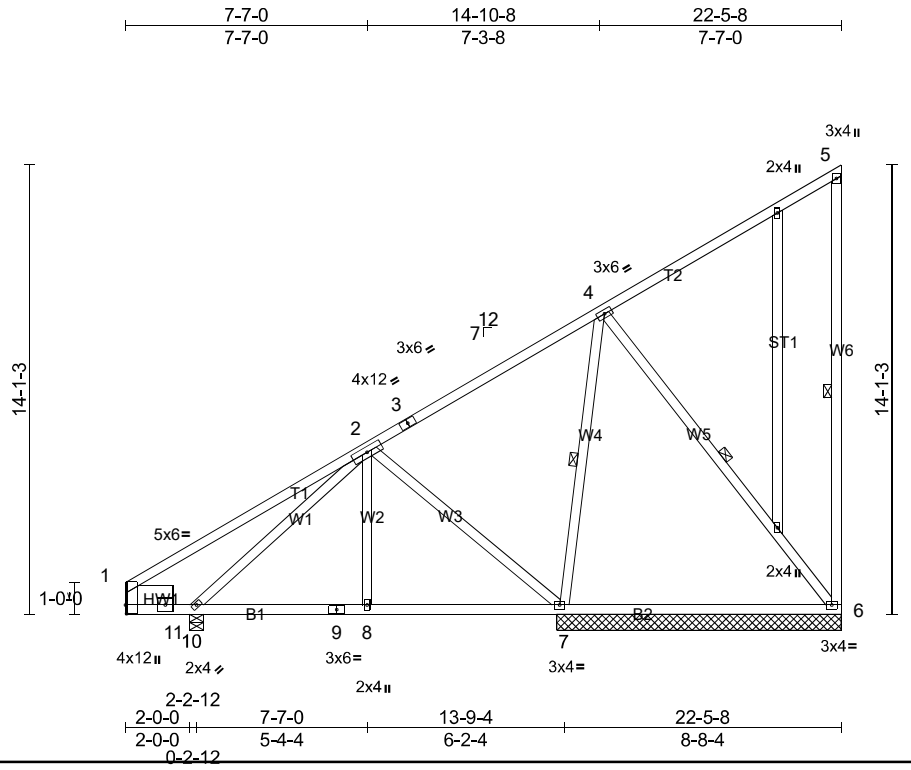
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 418 lb uplift at joint 6 and 91 lb uplift at joint 10.
4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	E3	Monopitch	1	1	Job Reference (optional)

BMC (Salt Lake 1), Salt Lake City, UT - 84119, Run: 8.61 S 8.33 Jan 22 2020 Print: 8.330 S Jan 22 2020 MiTek Industries, Inc. Tue Jun 16 23:23:57 Page: 1

ID:j3?jjVplpOobDZBPJ7bYRgz5YGQ-wE4HYS1cA7Jr8SXXu_NwDmmfQG12JIrzIo1v_iz5YCG



Scale = 1:72.3

Plate Offsets (X, Y): [1:0-3-4,0-0-6]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.14	6-7	>746	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.20	6-7	>505	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.46	Horz(CT)	-0.01	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	-0.01	6-7	>999	360	Weight: 157 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E *Except* W2:2x4 DF Stud/Std
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
SLIDER	Left 2x8 DF 1950F 1.7E or SS -- 1-6-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-10.
WEBS	1 Row at midpt 5-6, 4-7, 4-6

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 6=352/8-11-0, (min. 0-1-8), 7=951/8-11-0, (min. 0-1-8), 10=704/0-5-8, (min. 0-1-8)
Max Horiz 10=559 (LC 12)
Max Uplift 6=-246 (LC 12), 7=-298 (LC 12)
Max Grav 6=378 (LC 19), 7=951 (LC 1), 10=704 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-98/334
BOT CHORD 9-10=-324/402, 8-9=-324/402, 7-8=-324/402
WEBS 2-10=-631/0, 2-7=-464/303, 4-7=-593/159

NOTES

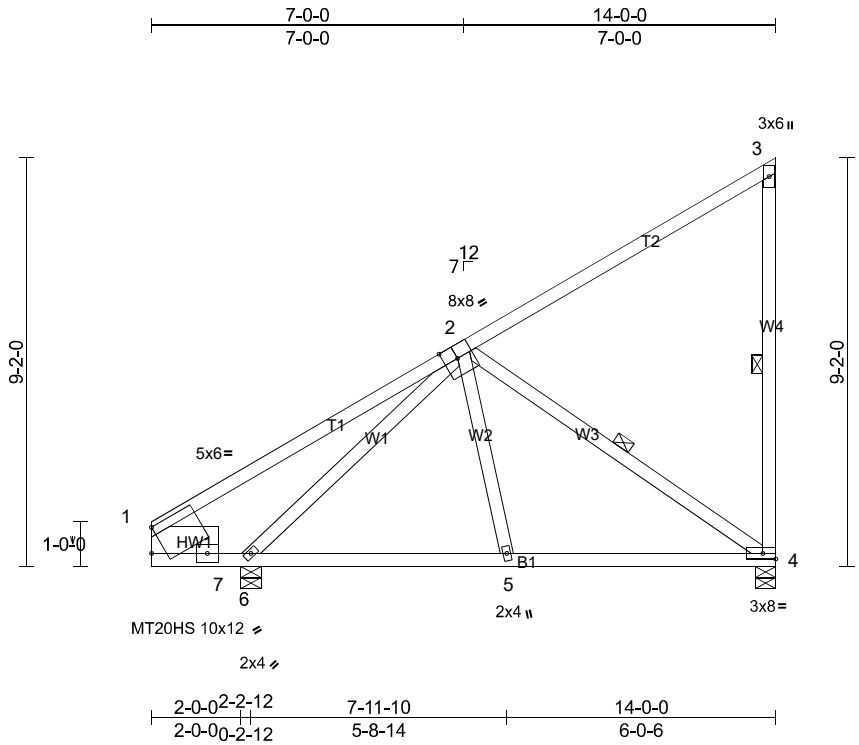
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable studs spaced at 2-0-0 oc.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 246 lb uplift at joint 6 and 298 lb uplift at joint 7.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	E4	Monopitch	3	1	Job Reference (optional)

BMC (Salt Lake 1), Salt Lake City, UT - 84119, Run: 8.61 S 8.33 Jan 22 2020 Print: 8.330 S Jan 22 2020 MiTek Industries, Inc. Tue Jun 16 23:23:57 Page: 1

ID:M5Cqgold_sAI7oJSWa0Nkcz5YGV-wE4HYS1cA7Jr8SXXu_NwDmmgYG3nJGqzIo1v_iz5YCG



Scale = 1:51.7

Plate Offsets (X, Y): [1:Edge,0-6-1], [2:0-3-12,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	-0.03	4-5	>999	240	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	-0.04	4-5	>999	180	MT20HS	165/146
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.01	4	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		Wind(LL)	0.03	4-5	>999	360	Weight: 83 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E *Except* W1,W2:2x4 DF Stud/Std
SLIDER	Left 2x8 DF 1950F 1.7E or SS -- 1-6-0

REACTIONS (lb/size) 4=514/0-5-8, (min. 0-1-8), 6=733/0-5-8, (min. 0-1-8)
Max Horiz 6=349 (LC 9)
Max Uplift 4=-198 (LC 12), 6=-118 (LC 12)
Max Grav 4=553 (LC 19), 6=733 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-124/346, 2-3=-258/196
BOT CHORD	5-6=-339/509, 4-5=-325/517
WEBS	2-6=-733/242, 2-4=-492/270

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 3-4, 2-4

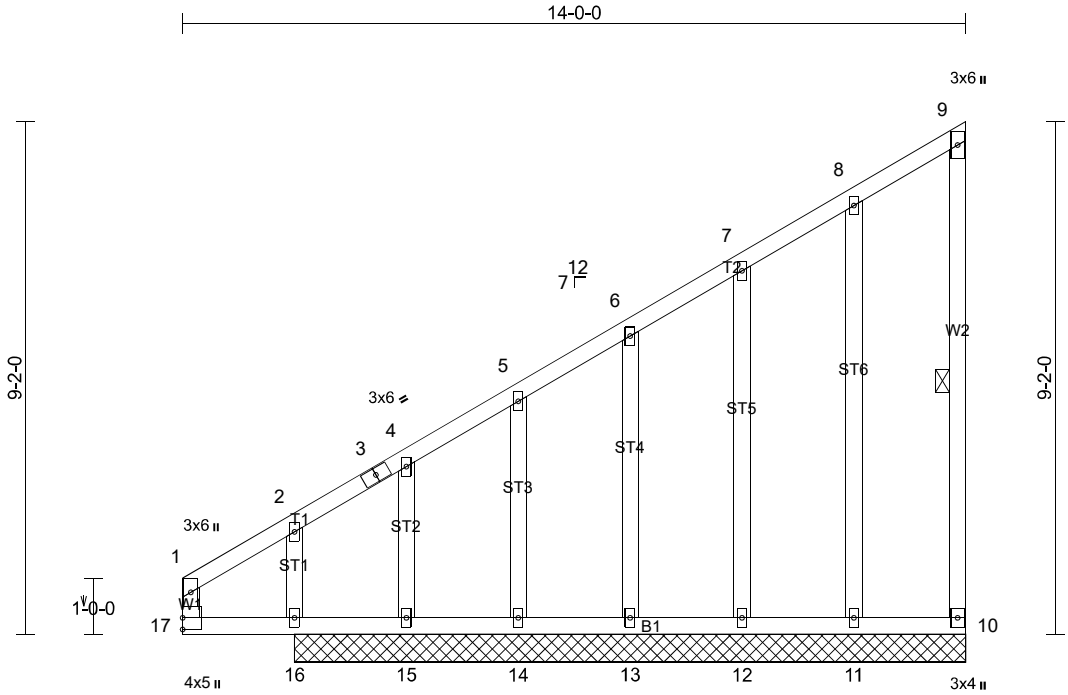
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) All plates are MT20 plates unless otherwise indicated.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint 4 and 118 lb uplift at joint 6.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
HANCOCK	E5	Monopitch Supported Gable	1	1	Job Reference (optional)



Scale = 1:41.2

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.64	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.15	BC	0.49	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.15	Horiz(TL)	0.00	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 90 lb	FT = 10%

LUMBER

TOP CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
BOT CHORD	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
WEBS	2x4 DF Stud/Std *Except* W2:2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E
OTHERS	2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr or 2x4 DF-N 1800F 1.6E

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 9-10

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 12-0-0.

(lb) - Max Horiz 16=348 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) 10, 11, 12, 13 except 15=-388 (LC 9), 16=-181 (LC 8)
Max Grav All reactions 250 (lb) or less at joint(s) 10, 11, 12, 13, 14 except 15=309 (LC 10), 16=515 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-418/380, 2-3=-492/437, 3-4=-481/455, 4-5=-325/305, 5-6=-298/286
BOT CHORD	16-17=-391/436
WEBS	4-15=-337/307, 2-16=-283/108

NOTES

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10, 11, 12, 13 except (jt=lb) 15=388, 16=180.
8) Non Standard bearing condition. Review required.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard