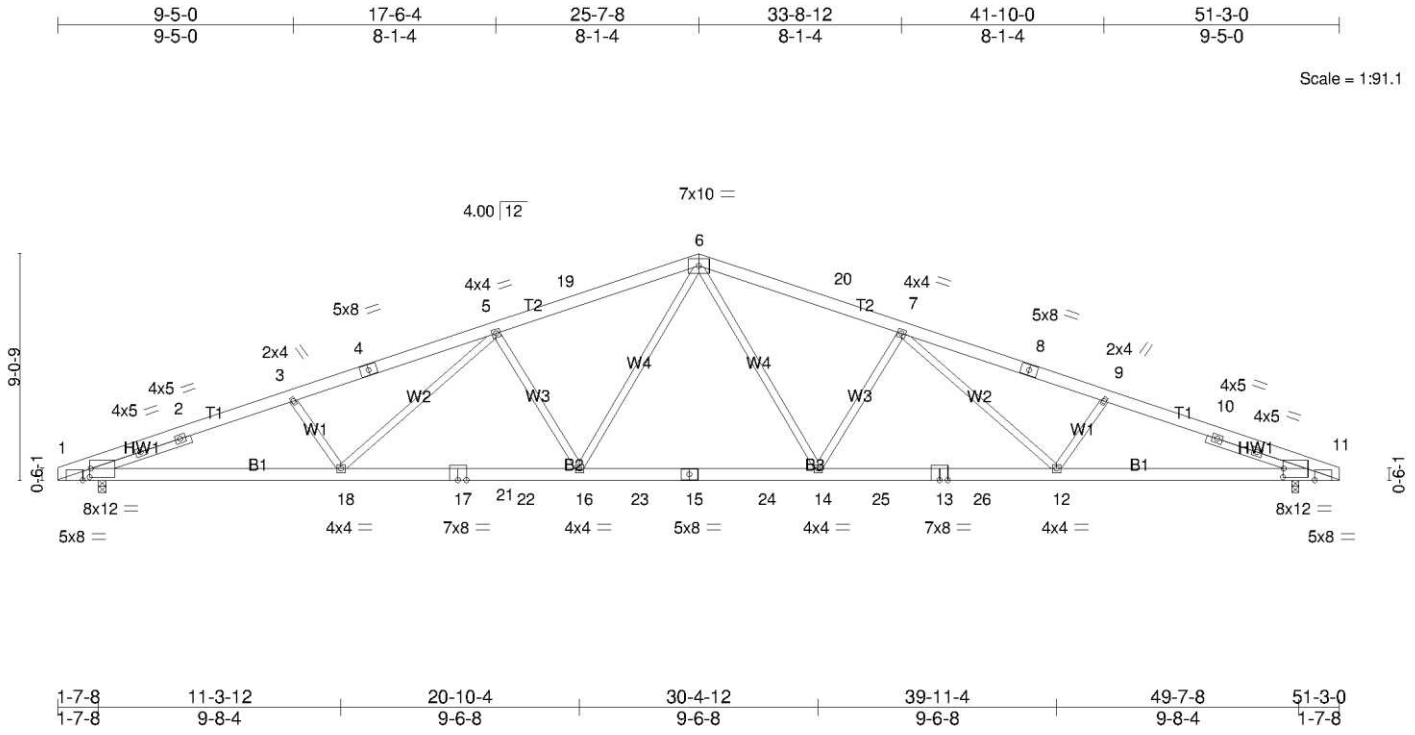
QTY = 10	MCDONALD LUMBER FAY ROWE RESIDENCE ROWE RESIDENCE	239138-1	A01

Truswood, Inc. NC 1-919-787-8787 / 1-800-473-8787 VA 1-757-833-5300 / 1-800-868-8787 04/01/20



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.73	Vert(LL) -0.3714-16 >999 240 MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.92	Vert(CT) -0.7414-16 >823 180
BCLL 0.0 *	Rep Stress Incr YES	WB 0.78	Horz(CT) 0.21 11 n/a n/a
BCDL 10.0	CodeIBC2015/TPI2014	Matrix-S	Weight: 340 lb FT = 20%

Job ID
Job: 239138-1
ID: A01
Date: 04/01/20
Designer: John
Dwg#239138-1QY982306
E-Counter:792812
SID: Mitek 8.32-JTvv.080219.416

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B1: 2x6 SP No.1
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.2 -0 4-2-5, Right 2x4 SP No.2 -0 4-2-5

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) 1=2038/0-3-8 (min. 0-2-6), 11=2038/0-3-8 (min. 0-2-6)
Max Horz1=-133(LC 10)
Max Uplift1=-491(LC 12), 11=-491(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All
TOP CHORD 1-2=-5283/1296, 2-3=-5202/1316, 3-4=-5002/1242, 4-5=-4928/1271, 5-19=-3902/1050, 6-19=-3833/1070, 6-20=-3833/1070, 7-20=-3902/1050, 7-8=-4928/1271, 8-9=-5002/1242, 9-10=-5202/1316, 10-11=-5283/1296
BOT CHORD 1-18=-1163/4939, 18-21=-869/4020, 17-21=-869/4020, 17-22=-869/4020, 16-22=-869/4020, 16-23=-563/3061, 15-23=-563/3061, 15-24=-563/3061, 14-24=-563/3061, 14-25=-869/4020, 13-25=-869/4020, 13-26=-869/4020, 12-26=-869/4020, 11-12=-1163/4939
WEBS 6-14=-250/1202, 7-14=-909/375, 7-12=-176/918, 9-12=-494/306, 6-16=-250/1202, 5-16=-909/375, 5-18=-176/918, 3-18=-494/306

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; B=45ft; L=51ft; eave=6ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 5-3-4, Interior(1) 5-3-4 to 25-7-8, Exterior(2) 25-7-8 to 30-9-0, Interior(1) 30-9-0 to 51-1-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=491, 11=491.
6) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

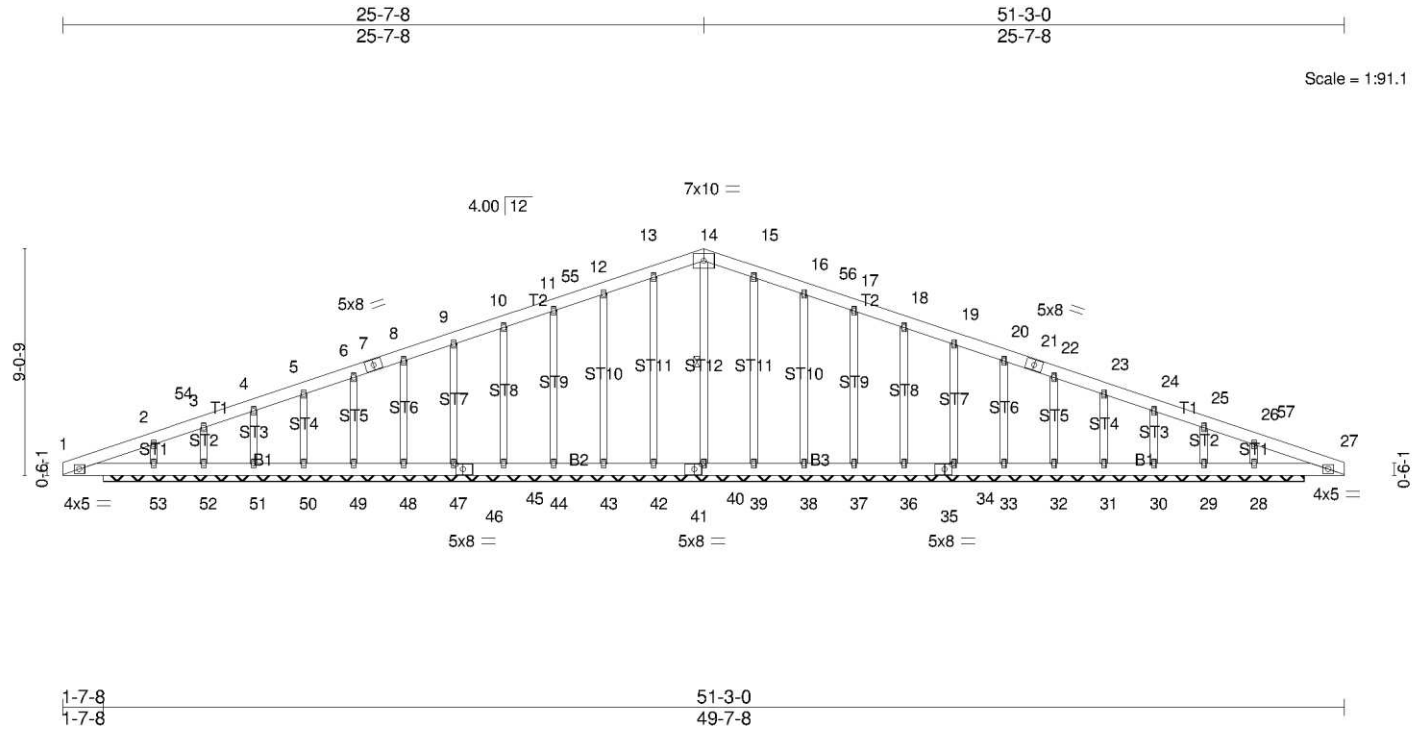
LOAD CASE(S) Standard

Refer to sheet CS01 for general notes.
Plate Offsets (Plate Offsets (X,Y)-- [1:0-0-7,0-4-0], [1:0-3-14,Edge], [11:0-0-7,0-4-0], [11:1-2-15,Edge])

04/01/20

QTY = 2	MCDONALD LUMBER FAY ROWE RESIDENCE ROWE RESIDENCE	239138-2	A01GE Stud 24" oc

Truswood, Inc. NC 1-919-787-8787 / 1-800-473-8787 VA 1-757-833-5300 / 1-800-868-8787 04/01/20



LOADING (psf)	SPACING- 2-0-0	CSI.
TCLL 20.0	Plate Grip DOL 1.15	TC 0.20
TCDL 10.0	Lumber DOL 1.15	BC 0.17
BCLL 0.0 *	Rep Stress Incr YES	WB 0.16
BCDL 10.0	CodeIBC2015/TPI2014	Matrix-S

DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
Vert(LL)	n/a -	n/a	999	MT20	244/190
Vert(CT)	n/a -	n/a	999		
Horz(CT)	-0.01 28	n/a	n/a		

Weight: 395 lb FT = 20%

Job ID
Job: 239138-2
ID: A01GE Stud 24" oc
Date: 04/01/20
Designer: John
Dwg#239138-2Ov528096
E-Counter:792813
SID: Mitek 8.32-
JTvv.080219.416

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 14-40

REACTIONS. All bearings 48-0-0.
(lb) - Max Horz53=-133(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, 39, 38, 37, 36, 34, 33, 32, 31, 30, 29, 28
Max Grav All reactions 250 lb or less at joint(s) 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 39, 38, 37, 36, 34, 33, 32, 31, 30, 29 except 40=260(LC 1), 53=514(LC 21), 28=514(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All
TOP CHORD 1-2=-175/269, 12-13=0/279, 13-14=0/310, 14-15=0/310, 15-16=0/279, 26-27=-175/258
WEBS 2-53=-314/334, 26-28=-314/334

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; B=45ft; L=51ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 5-1-8, Exterior(2) 5-1-8 to 25-7-8, Corner(3) 25-7-8 to 30-9-0, Exterior(2) 30-9-0 to 51-3-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) All plates are 2x4 MT20 unless otherwise indicated.
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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, 39, 38, 37, 36, 34, 33, 32, 31, 30, 29, 28.
9) Non Standard bearing condition. Review required.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Refer to sheet CS01 for general notes.
Plate Offsets (Plate Offsets (X,Y)-- [35:0-3-8,0-2-8], [41:0-3-8,0-2-8], [46:0-3-8,0-2-8])

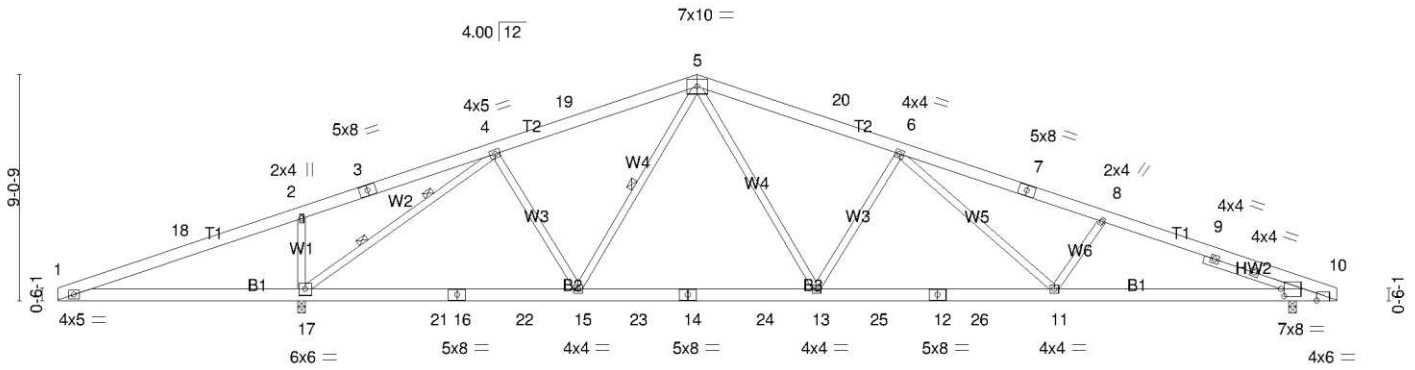
04/01/20

QTY = 16	MCDONALD LUMBER FAY ROWE RESIDENCE ROWE RESIDENCE	239138-3	A02

Truswood, Inc. NC 1-919-787-8787 / 1-800-473-8787 VA 1-757-833-5300 / 1-800-868-8787 04/01/20

9-5-0	17-6-4	25-7-8	33-8-12	41-10-0	51-3-0
9-5-0	8-1-4	8-1-4	8-1-4	8-1-4	9-5-0

Scale = 1:91.3



9-7-8	20-10-4	30-4-12	39-11-4	49-7-8	51-3-0
9-7-8	11-2-12	9-6-8	9-6-8	9-8-4	1-7-8

LOADING (psf)	SPACING- 2-0-0	CSI.
TCLL 20.0	Plate Grip DOL 1.15	TC 0.72
TCDL 10.0	Lumber DOL 1.15	BC 0.86
BCLL 0.0 *	Rep Stress Incr YES	WB 0.89
BCDL 10.0	CodeIBC2015/TPI2014	Matrix-S

DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
Vert(LL)	-0.2011-13	>999	240	MT20	244/190
Vert(CT)	-0.3911-13	>999	180		
Horz(CT)	0.10 10	n/a	n/a		

Weight: 335 lb FT = 20%

Job ID
Job: 239138-3
ID: A02
Date: 04/01/20
Designer: John
Dwg#239138-3MW695080
E-Counter:792814
SID: Mitek 8.32-JTvv.080219.416

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2
SLIDER Right 2x4 SP No.2 -0 4-2-5

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-15
2 Rows at 1/3 pts 4-17

REACTIONS. (lb/size) 17=2527/0-3-8 (min. 0-3-0), 10=1561/0-3-8 (min. 0-1-13)
Max Horz17=133(LC 11)
Max Uplift17=-892(LC 12), 10=-346(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All
TOP CHORD 1-18=-892/943, 2-18=-876/1052, 2-3=-746/871, 3-4=-736/1004, 4-19=-1906/370, 5-19=-1840/390, 5-20=-2467/620, 6-20=-2535/600, 6-7=-3549/827, 7-8=-3612/799, 8-9=-3782/875, 9-10=-3850/855
BOT CHORD 1-17=-894/901, 17-21=-39/1506, 16-21=-39/1506, 16-22=-39/1506, 15-22=-39/1506, 15-23=-129/1767, 14-23=-129/1767, 14-24=-129/1767, 13-24=-129/1767, 13-25=-443/2729, 12-25=-443/2729, 12-26=-443/2729, 11-26=-443/2729, 10-11=-746/3594
WEBS 5-13=-264/1202, 6-13=-916/375, 6-11=-183/943, 8-11=-508/313, 5-15=-250/292, 4-15=-99/558, 4-17=-2712/896, 2-17=-621/371

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; B=45ft; L=51ft; eave=6ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-1-8, Interior(1) 5-1-8 to 25-7-8, Exterior(2) 25-7-8 to 30-9-0, Interior(1) 30-9-0 to 51-1-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 17=892, 10=346.
6) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

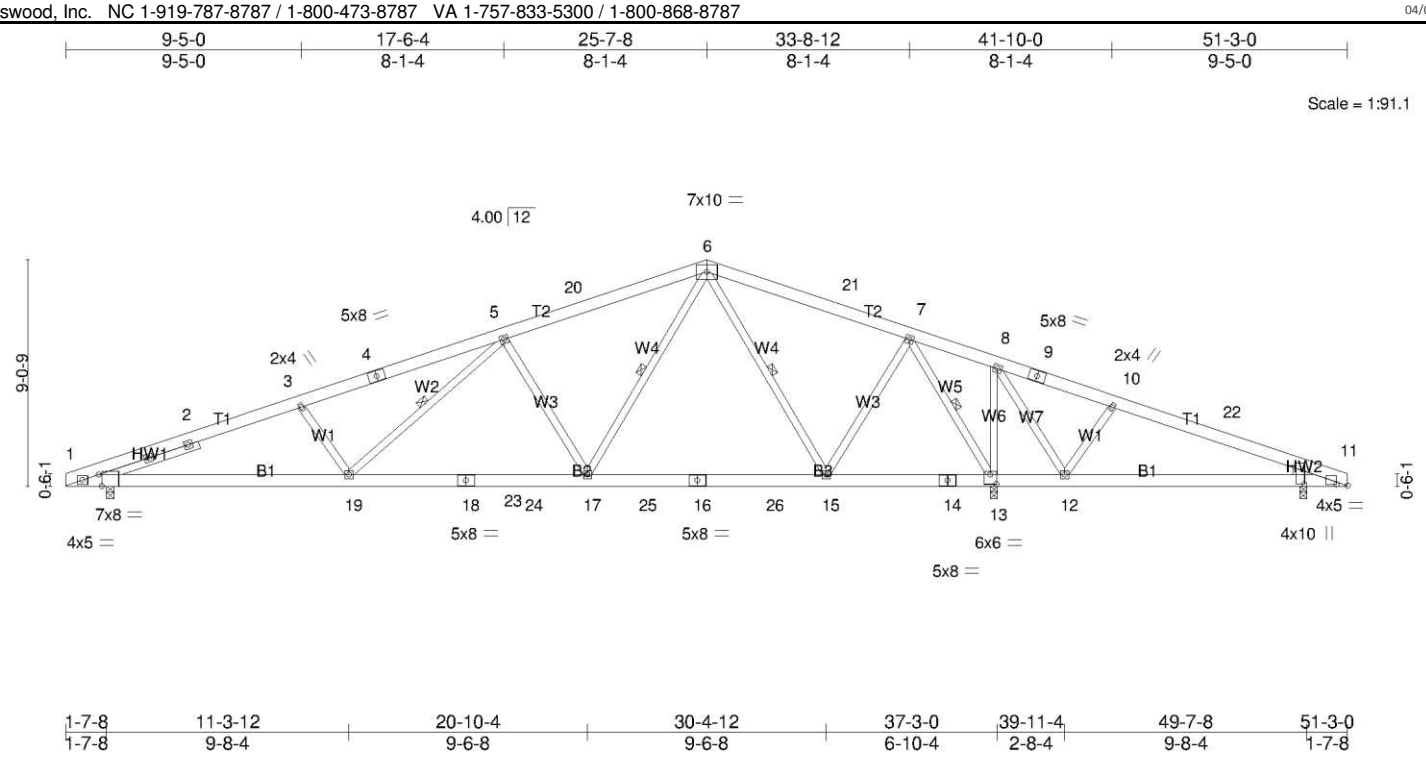
LOAD CASE(S) Standard

Refer to sheet CS01 for general notes.
Plate Offsets (Plate Offsets (X,Y)-- [10:0-1-9,0-3-8], [10:1-5-3,Edge])

04/01/20

QTY = 4	MCDONALD LUMBER FAY ROWE RESIDENCE ROWE RESIDENCE	239138-4	A03

Truswood, Inc. NC 1-919-787-8787 / 1-800-473-8787 VA 1-757-833-5300 / 1-800-868-8787 04/01/20



LOADING (psf)	SPACING- 2-0-0	CSI.
TCLL 20.0	Plate Grip DOL 1.15	TC 0.57
TCDL 10.0	Lumber DOL 1.15	BC 0.74
BCLL 0.0 *	Rep Stress Incr YES	WB 0.79
BCDL 10.0	CodeIBC2015/TPI2014	Matrix-S

DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
Vert(LL)	0.30 1-19	>999	240	MT20	244/190
Vert(CT)	-0.33 1-19	>999	180		
Horz(CT)	0.06 13	n/a	n/a		

Weight: 346 lb FT = 20%

Job ID
Job: 239138-4
ID: A03
Date: 04/01/20
Designer: John
Dwg#239138-4FA691010
E-Counter:792815
SID: Mitek 8.32-
JTvv.080219.416

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
WEDGE
Right: 2x4 SP No.2
SLIDER Left 2x4 SP No.2 -0 4-2-5

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-7-12 oc bracing.
WEBS 1 Row at midpt 6-15, 7-13, 6-17, 5-19

REACTIONS. (lb/size) 13=2612/0-3-8 (min. 0-3-1), 1=1321/0-3-8 (min. 0-1-9), 11=144/0-3-8 (min. 0-1-8)
Max Horz1=-133(LC 10)
Max Uplift13=-1259(LC 12), 1=-756(LC 12), 11=-55(LC 21)
Max Grav13=2612(LC 1), 1=1321(LC 1), 11=271(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All
TOP CHORD 1-2=-3103/2245, 2-3=-3021/2268, 3-4=-2813/2198, 4-5=-2736/2226, 5-20=-1650/1360, 6-20=-1580/1379, 6-21=-541/647, 7-21=-608/627, 7-8=-663/1322, 8-9=-647/854, 9-10=-659/771, 10-22=-610/706, 11-22=-630/670
BOT CHORD 1-19=-2059/2879, 19-23=-1307/1901, 18-23=-1307/1901, 18-24=-1307/1901, 17-24=-1307/1901, 17-25=-551/925, 16-25=-551/925, 16-26=-551/925, 15-26=-551/925, 12-13=-1201/831, 11-12=-634/634
WEBS 6-15=-911/509, 7-15=-801/1144, 7-13=-2247/1497, 10-12=-545/316, 6-17=-940/1188, 5-17=-920/620, 5-19=-841/957, 3-19=-519/315, 8-13=-631/147, 8-12=-135/798

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; B=45ft; L=51ft; eave=6ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 5-3-4, Interior(1) 5-3-4 to 25-7-8, Exterior(2) 25-7-8 to 30-9-0, Interior(1) 30-9-0 to 51-1-4 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 4x4 MT20 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11 except (jt=lb) 13=1259, 1=756.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Refer to sheet CS01 for general notes.
Plate Offsets (Plate Offsets (X,Y)-- [1:0-1-9,Edge], [11:0-5-6,0-0-10], [11:0-0-12,1-8-12], [13:0-3-0,0-4-8])

04/01/20