Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A02	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:32:51 2018 Page 1

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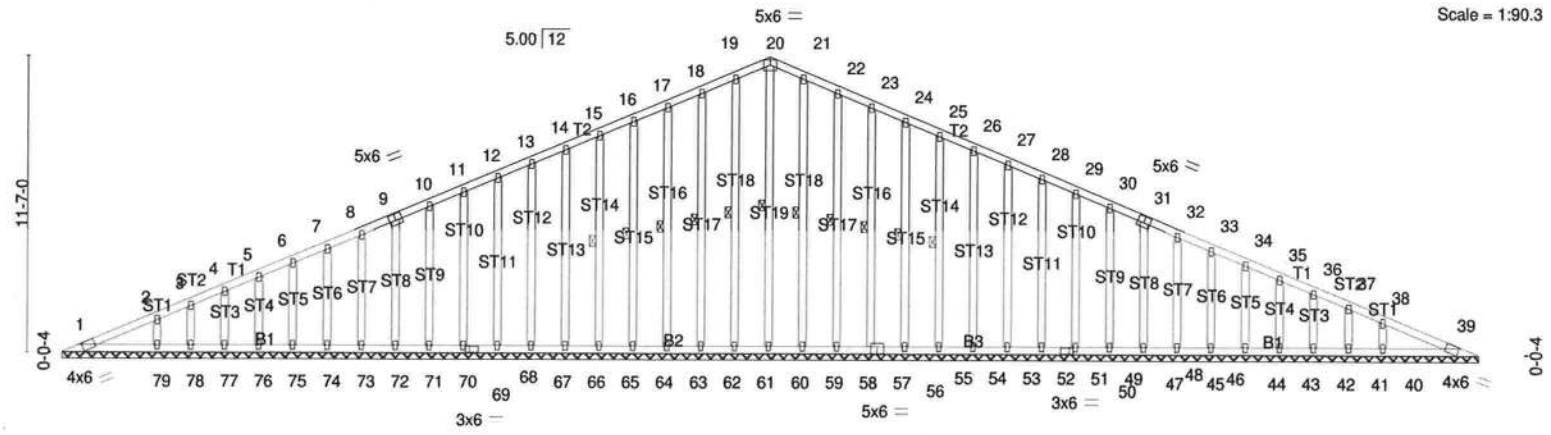

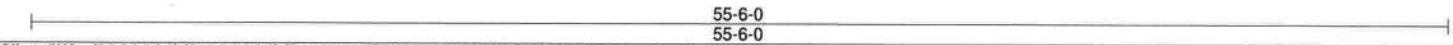

Plate Offsets (X,Y)-- [9:0-3-0,0-3-0], [31:0-3-0,0-3-0], [50:0-2-0,0-1-8], [56:0-0-0,0-1-12], [57:0-1-12,0-0-0], [69:0-2-0,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.01	39	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 494 lb	FT = 20%

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

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.
WEBS 1 Row at midpt 20-60, 19-61, 18-62, 17-63, 16-64, 15-65, 21-59, 22-58, 23-57, 24-55, 25-54

REACTIONS. All bearings 55-6-0.
(lb) - Max Horz 1=-325(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 59, 58, 57, 55, 54, 53, 52, 51, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40
Max Grav All reactions 250 lb or less at joint(s) 1, 60, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 59, 58, 57, 55, 54, 53, 52, 51, 49, 48, 47, 46, 45, 44, 43, 42, 41, 39 except 79=296(LC 17), 40=296(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-252/261, 12-13=-154/276, 13-14=-146/310, 14-15=-138/343, 15-16=-130/377, 16-17=-134/410, 17-18=-145/444, 18-19=-159/483, 19-20=-164/497, 20-21=-164/500, 21-22=-159/486, 22-23=-145/447, 23-24=-134/413, 24-25=-122/379, 25-26=-110/346, 26-27=-99/312, 27-28=-87/279
WEBS 2-79=-221/278, 38-40=-221/278

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=56ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-8-2 to 6-5-0, Exterior(2) 6-5-0 to 27-9-0, Corner(3) 27-9-0 to 33-1-0 zone; cantilever left and right exposed ; end vertical left 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 requires continuous bottom chord bearing.
6) Gable studs spaced at 1-4-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 59, 58, 57, 55, 54, 53, 52, 51, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. VERTICAL TRUSS MEMBERS MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A03	Common	3	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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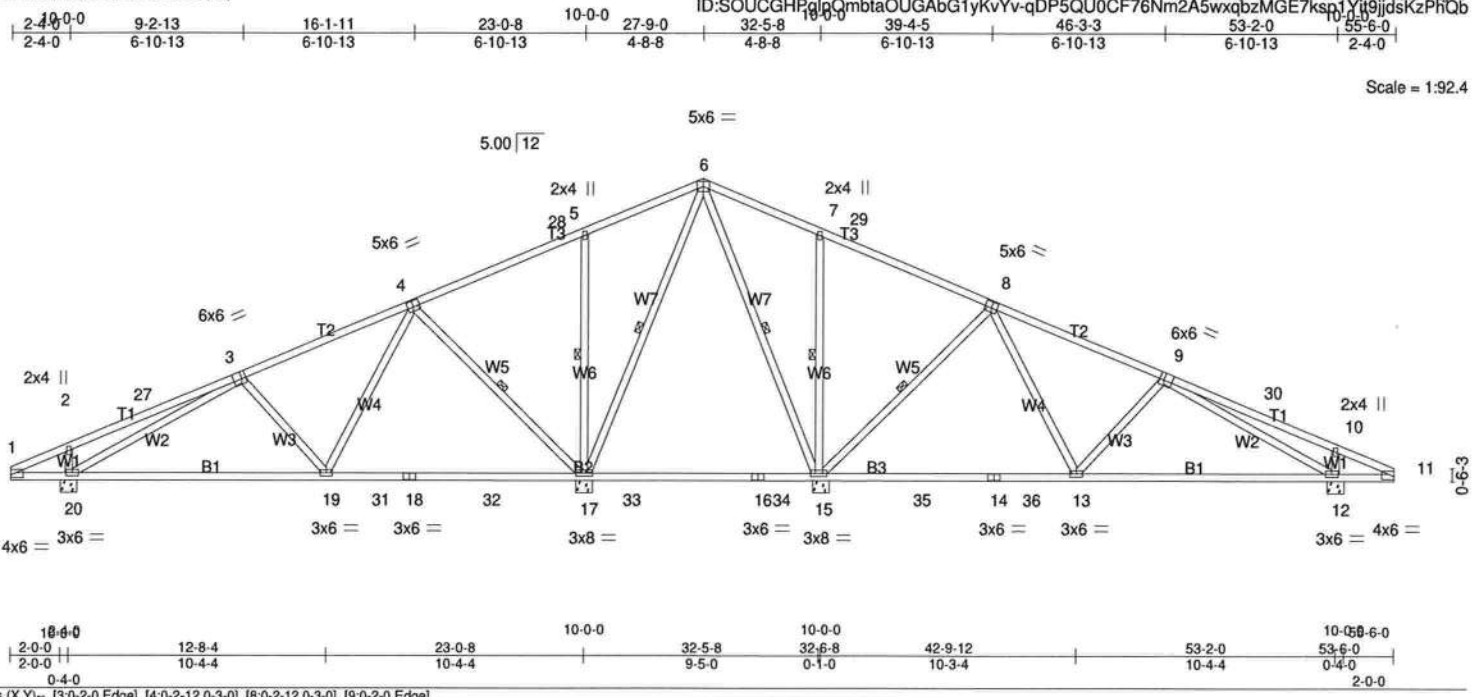

Plate Offsets (X,Y)-- [3:0-2-0,Edge], [4:0-2-12,0-3-0], [8:0-2-12,0-3-0], [9:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.29	13-15	>850	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.45	13-15	>551	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	13	>999	240	Weight: 329 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-15, 7-15, 8-15, 6-17, 5-17, 4-17

REACTIONS. All bearings 0-8-0.
(lb) - Max Horz 20=-334(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 15=-331(LC 12), 12=-161(LC 12), 17=-331(LC 12), 20=-228(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 15=1868(LC 18), 12=916(LC 22), 17=1919(LC 17), 20=916(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-545/157, 4-28=-37/681, 5-28=-16/759, 5-6=0/687, 6-7=0/632, 7-29=-16/675, 8-29=-37/584, 8-9=-567/157
BOT CHORD 19-20=-115/821, 19-31=-155/259, 18-31=-155/259, 18-32=-155/259, 17-32=-155/259, 17-33=-478/338, 16-33=-478/338, 16-34=-478/338, 15-34=-478/338, 12-13=-64/667
WEBS 6-15=-403/43, 7-15=-468/305, 8-15=-1000/307, 8-13=-56/673, 9-13=-409/239, 9-12=-656/199, 10-12=-426/353, 6-17=-420/43, 5-17=-469/305, 4-17=-1008/307, 4-19=-56/686, 3-19=-423/239, 3-20=-656/199, 2-20=-425/353

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph: ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=56ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-6-10, Interior(1) 5-6-10 to 27-9-0, Exterior(2) 27-9-0 to 33-3-10 zone; cantilever left and right exposed ; end vertical left 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 331 lb uplift at joint 15, 161 lb uplift at joint 12, 331 lb uplift at joint 17 and 228 lb uplift at joint 20.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A04	Common	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:01 2018 Page 1
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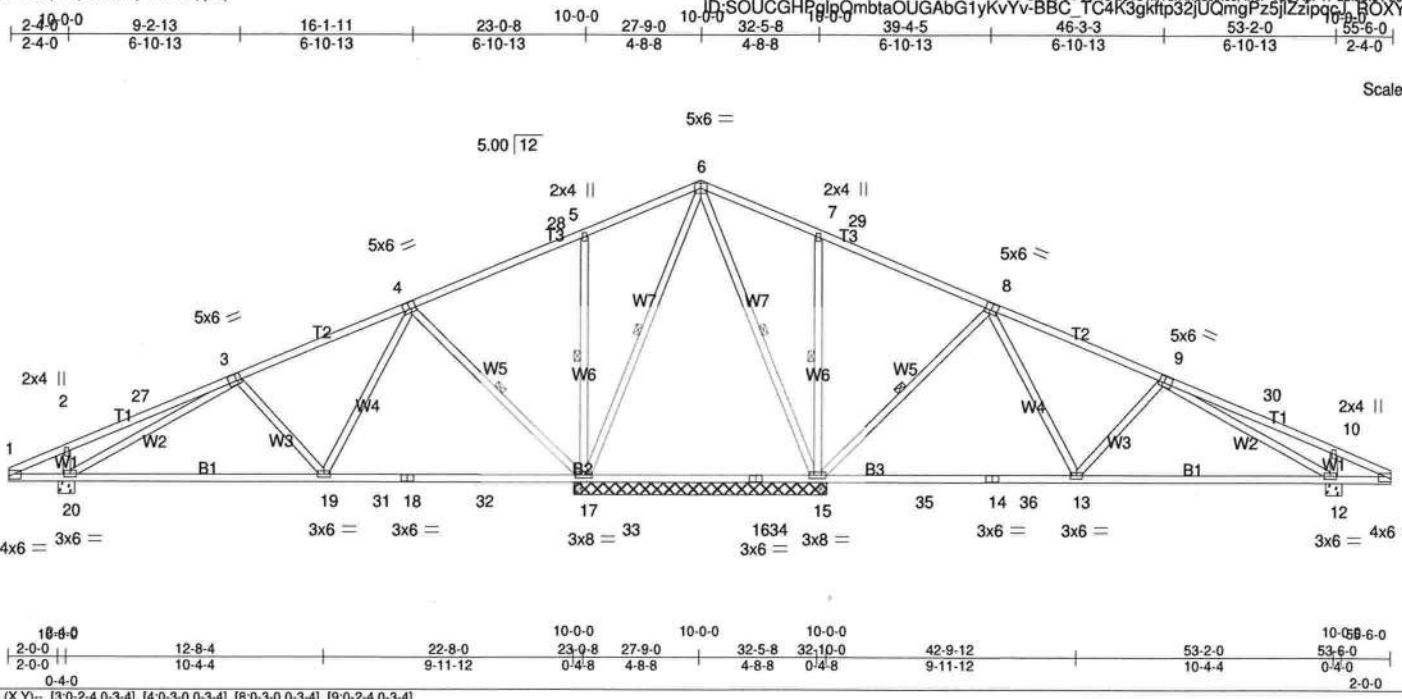

Plate Offsets (X,Y)-- [3:0-2-4,0-3-4], [4:0-3-0,0-3-4], [8:0-3-0,0-3-4], [9:0-2-4,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.27	13-15	>931	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.42	13-15	>585	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	13	>999	240	Weight: 329 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-15, 7-15, 8-15, 6-17, 5-17, 4-17

REACTIONS. All bearings 10-2-0 except (jt=length) 12=0-8-0, 20=0-8-0.
(lb) - Max Horz 20=334(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) except 15=-331(LC 12), 12=-160(LC 12), 17=-331(LC 12), 20=-228(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 15=1859(LC 18), 15=1619(LC 1), 12=916(LC 22), 17=1910(LC 17), 17=1619(LC 1), 20=916(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-544/155, 4-28=-38/678, 5-28=-17/757, 5-6=0/684, 6-7=0/631, 7-29=-17/676, 8-29=-38/584, 8-9=-563/155
BOT CHORD 19-20=-116/821, 19-31=-152/264, 18-31=-152/264, 18-32=-152/264, 17-32=-152/264, 17-33=-476/339, 16-33=-476/339, 16-34=-476/339, 15-34=-476/339, 12-13=-64/668
WEBS 6-15=-402/43, 7-15=-472/306, 8-15=-999/308, 8-13=-52/659, 9-13=-406/237, 9-12=-662/203, 10-12=-420/350, 6-17=-418/43, 5-17=-472/306, 4-17=-1008/308, 4-19=-52/672, 3-19=-421/237, 3-20=-662/203, 2-20=-419/350

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=56ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-6-10, Interior(1) 5-6-10 to 27-9-0, Exterior(2) 27-9-0 to 33-3-10 zone; cantilever left and right exposed ; end vertical left 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 331 lb uplift at joint 15, 160 lb uplift at joint 12, 331 lb uplift at joint 17 and 228 lb uplift at joint 20.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A05	Roof Special	10	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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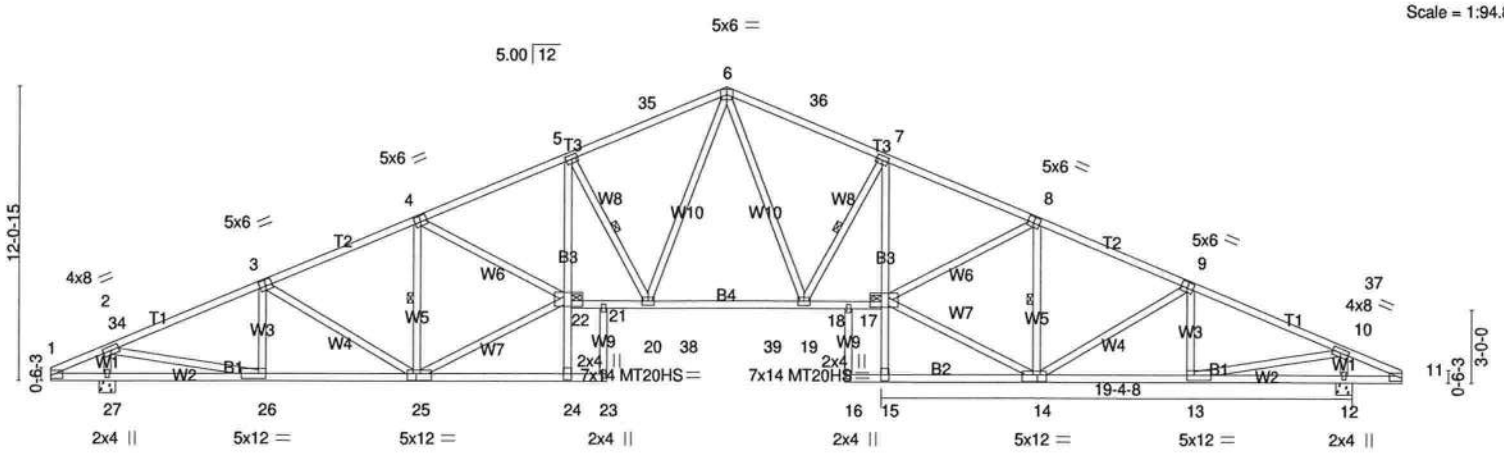
2-4-0	8-8-3	15-0-5	21-4-8	27-9-0	34-1-8	40-5-11	46-9-13	53-2-0	55-6-0
2-4-0	6-4-3	6-4-3	6-4-3	6-4-8	6-4-8	6-4-3	6-4-3	6-4-3	2-4-0

Scale = 1:94.8



2-0-0	8-8-3	15-0-5	21-4-8	22-10-8	24-6-12	30-11-4	32-7-8	34-1-8	40-5-11	46-9-13	53-2-0	53-6-0	55-6-0
2-0-0	6-4-3	6-4-3	6-4-3	1-6-0	1-8-4	6-4-8	1-8-4	1-6-0	6-4-3	6-4-3	6-4-3	0-4-0	2-0-0
0-4-0													

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-8,0-3-4], [17:0-9-4,0-4-12], [22:0-9-4,0-4-12], [25:0-4-8,0-3-4], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.91	19-20	>672	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	19-20	>999	240	Weight: 369 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-3-6 oc bracing.
WEBS 1 Row at midpt 7-19, 8-14, 5-20, 4-25
JOINTS 1 Brace at Jt(s): 17, 22

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 27=2498/0-8-0 (min. 0-2-15)
Max Horz 27=-261(LC 10)
Max Uplift12=-492(LC 12), 27=-559(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-3675/795, 3-34=-3588/814, 3-4=-3737/909, 4-5=-5037/1175, 5-35=-4194/1060, 6-35=-4099/1070, 6-36=-4099/1070, 7-36=-4194/1060, 7-8=-5037/1175, 8-9=-3737/909, 9-37=-3588/814, 10-37=-3675/795
BOT CHORD 26-27=-215/354, 25-26=-651/3323, 5-22=-214/1301, 21-22=-776/4568, 20-21=-775/4572, 20-38=-448/3291, 38-39=-448/3291, 19-39=-448/3291, 18-19=-775/4572, 17-18=-776/4568, 7-17=-214/1301, 13-14=-651/3323
WEBS 6-19=-321/1455, 7-19=-1631/450, 14-17=-686/3679, 8-17=-163/1336, 8-14=-1568/369, 9-13=-501/224, 10-13=-746/3286, 10-12=-2358/715, 6-20=-321/1490, 5-20=-1631/450, 22-25=-686/3679, 4-22=-163/1336, 4-25=-1568/369, 3-26=-501/224, 2-26=-746/3286, 2-27=-2358/715

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=0.0psf~~; h=15ft; B=45ft; L=24ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 492 lb uplift at joint 12 and 559 lb uplift at joint 27.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A05A	Roof Special	1	1	Job Reference (optional)

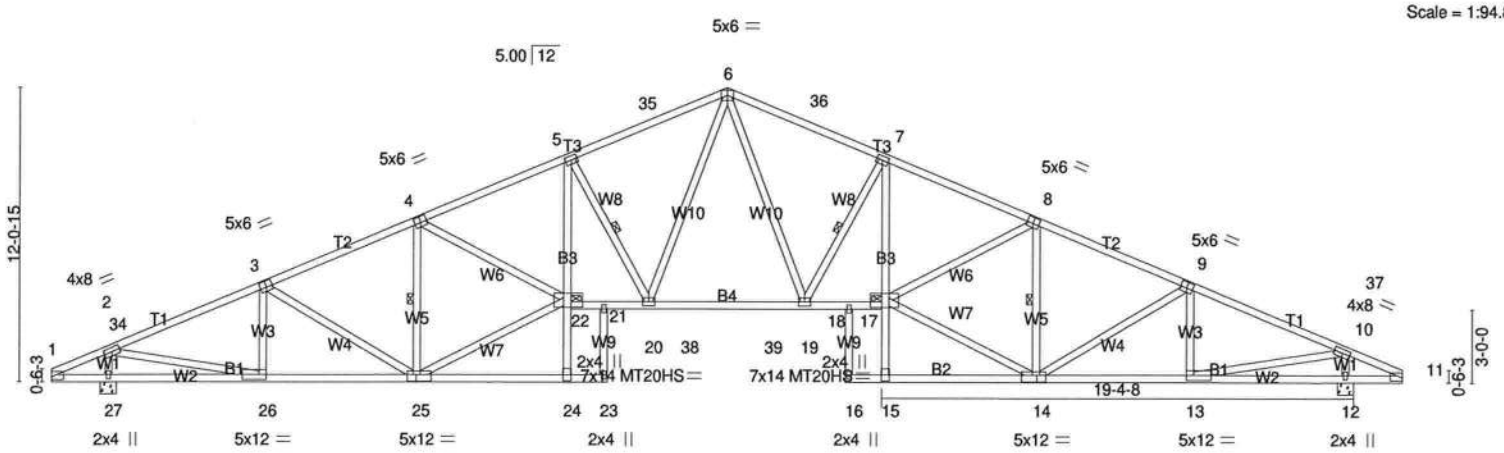
DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:11 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-u6pmZdCcjk?F3LqzIab64WOlNn_w2LE5cYswuyzPhQM

2-4-0	8-8-3	15-0-5	21-4-8	27-9-0	34-1-8	40-5-11	46-9-13	53-2-0	55-6-0
2-4-0	6-4-3	6-4-3	6-4-3	6-4-8	6-4-8	6-4-3	6-4-3	6-4-3	2-4-0

Scale = 1:94.8



2-0-0	8-8-3	15-0-5	21-4-8	22-10-8	30-11-4	32-7-8	40-5-11	46-9-13	53-2-0	53-6-0
2-0-0	6-4-3	6-4-3	6-4-3	1-6-0	6-4-8	1-8-4	6-4-3	6-4-3	6-4-3	0-4-0
0-4-0				24-6-12		34-1-8				2-0-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-8,0-3-4], [17:0-9-4,0-4-12], [22:0-9-4,0-4-12], [25:0-4-8,0-3-4], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.91	19-20	>672	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	19-20	>999	240	Weight: 369 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except* B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except* W7,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-3-6 oc bracing.
WEBS 1 Row at midpt 7-19, 8-14, 5-20, 4-25
JOINTS 1 Brace at Jt(s): 17, 22

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 27=2498/0-8-0 (min. 0-2-15)
Max Horz 27=-261(LC 10)
Max Uplift12=-492(LC 12), 27=-559(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-3675/795, 3-34=-3588/814, 3-4=-3737/909, 4-5=-5037/1175, 5-35=-4194/1060, 6-35=-4099/1070, 6-36=-4099/1070, 7-36=-4194/1060, 7-8=-5037/1175, 8-9=-3737/909, 9-37=-3588/814, 10-37=-3675/795
BOT CHORD 26-27=-215/354, 25-26=-651/3323, 5-22=-214/1301, 21-22=-776/4568, 20-21=-775/4572, 20-38=-448/3291, 38-39=-448/3291, 19-39=-448/3291, 18-19=-775/4572, 17-18=-776/4568, 7-17=-214/1301, 13-14=-651/3323
WEBS 6-19=-321/1455, 7-19=-1631/450, 14-17=-686/3679, 8-17=-163/1336, 8-14=-1568/369, 9-13=-501/224, 10-13=-746/3286, 10-12=-2358/715, 6-20=-321/1490, 5-20=-1631/450, 22-25=-686/3679, 4-22=-163/1336, 4-25=-1568/369, 3-26=-501/224, 2-26=-746/3286, 2-27=-2358/715

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=7ft; Cat. III; Exp.C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 492 lb uplift at joint 12 and 559 lb uplift at joint 27.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. TRUSS MUST BE DESIGNED FOR AN ADDITIONAL UPLIFT OF -335 PLF (ULT.) WIND LOAD ALONG ITS ENTIRE LENGTH.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A06	Roof Special	9	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:16 2018 Page 1
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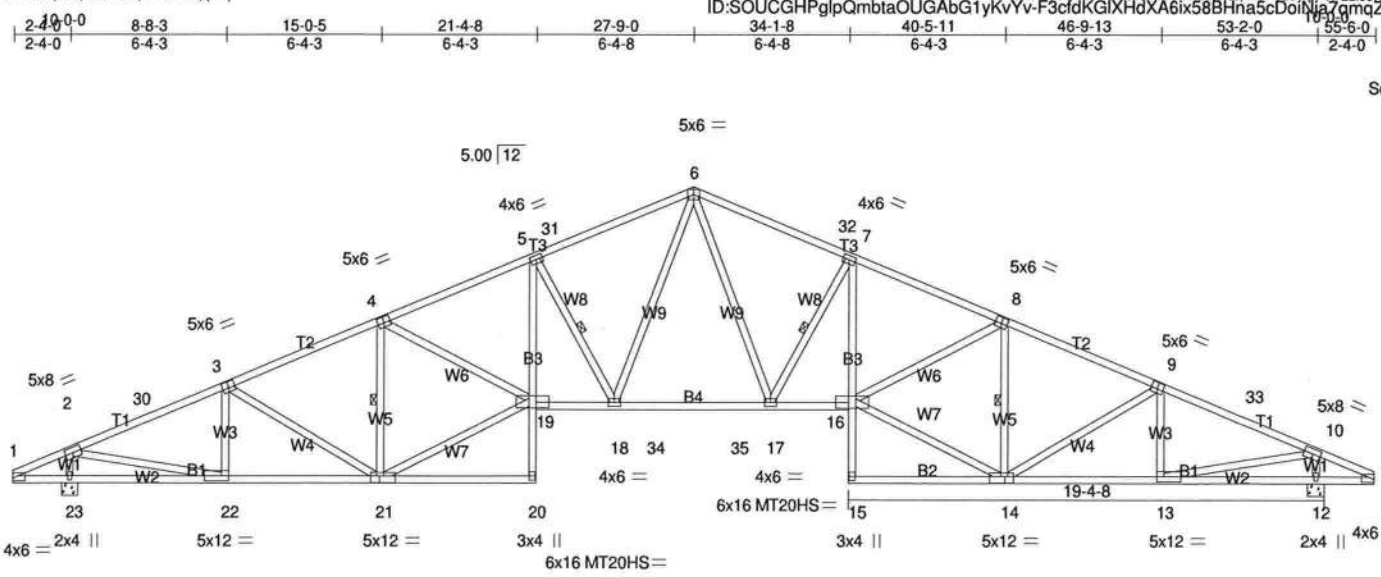

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-4,0-3-4], [16:0-9-12,0-4-12], [19:0-9-12,0-4-12], [21:0-4-4,0-3-4], [22:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	16-17	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.87	17-18	>702	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.43	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	16-17	>999	240	Weight: 356 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W7,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 6-9-2 oc bracing.
WEBS 1 Row at midpt 7-17, 8-14, 5-18, 4-21

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 23=2498/0-8-0 (min. 0-2-15)
Max Horz 23=-334(LC 10)
Max Uplift12=-492(LC 12), 23=-559(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-30=-3676/868, 3-30=-3589/879, 3-4=-3735/966, 4-5=-5097/1266, 5-31=-4203/1120, 6-31=-4110/1139, 6-32=-4110/1139, 7-32=-4203/1120, 7-8=-5097/1266, 8-9=-3735/966, 9-33=-3589/879, 10-33=-3676/868
BOT CHORD 22-23=-284/428, 21-22=-690/3441, 5-19=-255/1450, 18-19=-873/4677, 18-34=-493/3298, 34-35=-493/3298, 17-35=-493/3298, 16-17=-873/4647, 7-16=-255/1424, 13-14=-690/3324
WEBS 6-17=-360/1532, 7-17=-1750/526, 14-16=-752/3774, 8-16=-217/1432, 8-14=-1623/410, 9-13=-498/225, 10-13=-768/3288, 10-12=-2360/783, 6-18=-360/1576, 5-18=-1802/526, 19-21=-752/3837, 4-19=-217/1400, 4-21=-1623/410, 3-22=-498/225, 2-22=-768/3288, 2-23=-2360/783

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=56ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-6-10, Interior(1) 5-6-10 to 27-9-0, Exterior(2) 27-9-0 to 33-3-10 zone; cantilever left and right exposed ; end vertical 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 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) * 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 492 lb uplift at joint 12 and 559 lb uplift at joint 23.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A07	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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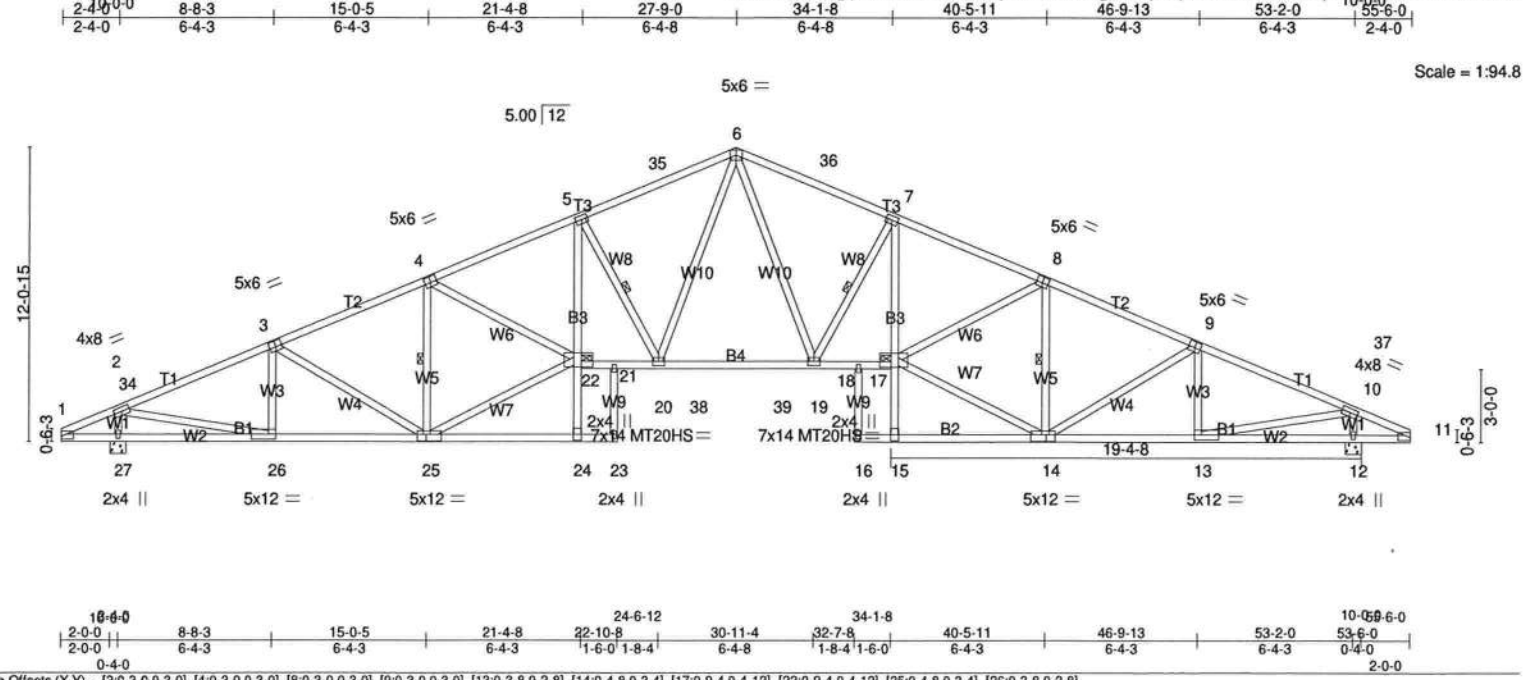

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-8,0-3-4], [17:0-9-4,0-4-12], [22:0-9-4,0-4-12], [25:0-4-8,0-3-4], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.91	19-20	>672	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	19-20	>999	240	Weight: 369 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W2: 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-3-6 oc bracing.
WEBS 1 Row at midpt 7-19, 8-14, 5-20, 4-25
JOINTS 1 Brace at Jt(s): 17, 22

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 27=2498/0-8-0 (min. 0-2-15)
Max Horz 27=-261(LC 10)
Max Uplift12=-492(LC 12), 27=-559(LC 12)

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

TOP CHORD 2-34=-3675/795, 3-34=-3588/814, 3-4=-3737/909, 4-5=-5037/1175, 5-35=-4194/1060, 6-35=-4099/1070, 6-36=-4099/1070, 7-36=-4194/1060, 7-8=-5037/1175, 8-9=-3737/909, 9-37=-3588/814, 10-37=-3675/795

BOT CHORD 26-27=-215/354, 25-26=-651/3323, 5-22=-214/1301, 21-22=-776/4568, 20-21=-775/4572, 20-38=-448/3291, 38-39=-448/3291, 19-39=-448/3291, 18-19=-775/4572, 17-18=-776/4568, 7-17=-214/1301, 13-14=-651/3323

WEBS 6-19=-321/1455, 7-19=-1631/450, 14-17=-686/3679, 8-17=-163/1336, 8-14=-1568/369, 9-13=-501/224, 10-13=-746/3286, 10-12=-2358/715, 6-20=-321/1490, 5-20=-1631/450, 22-25=-686/3679, 4-22=-163/1336, 4-25=-1568/369, 3-26=-501/224, 2-26=-746/3286, 2-27=-2358/715

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 492 lb uplift at joint 12 and 559 lb uplift at joint 27.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A08	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:25 2018 Page 1
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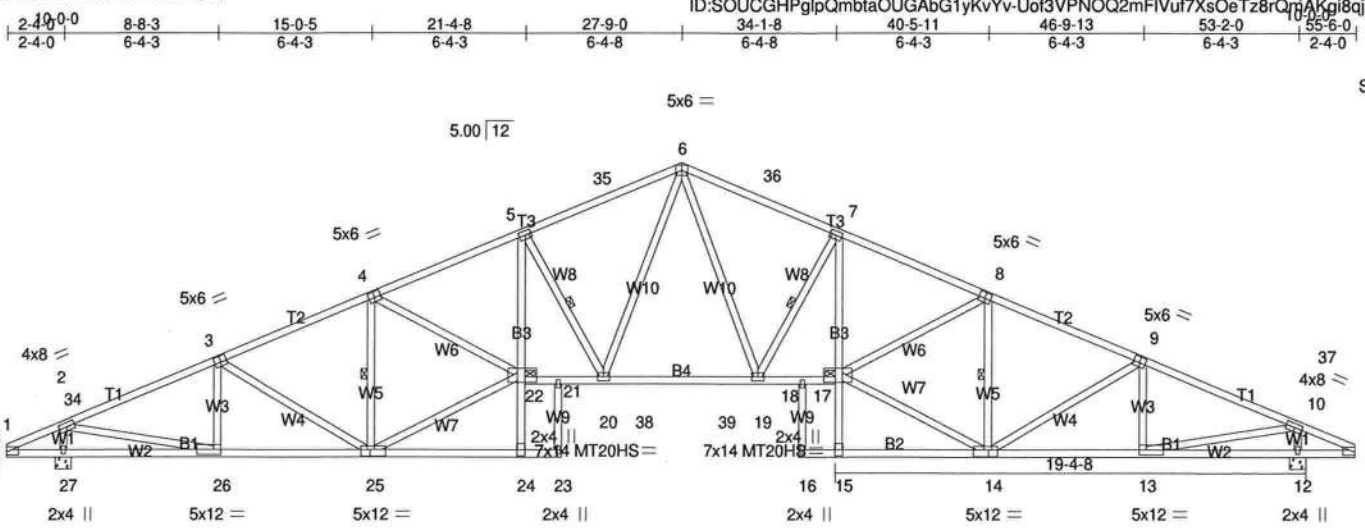

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-8,0-3-4], [17:0-9-4,0-4-12], [22:0-9-4,0-4-12], [25:0-4-8,0-3-4], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.91	19-20	>672	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	19-20	>999	240	Weight: 369 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-3-6 oc bracing.
WEBS 1 Row at midpt 7-19, 8-14, 5-20, 4-25
JOINTS 1 Brace at Jt(s): 17, 22

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 27=2498/0-8-0 (min. 0-2-15)
Max Horz 27=-261(LC 10)
Max Uplift12=-492(LC 12), 27=-559(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-3675/795, 3-34=-3588/814, 3-4=-3737/909, 4-5=-5037/1175, 5-35=-4194/1060, 6-35=-4099/1070, 6-36=-4099/1070, 7-36=-4194/1060, 7-8=-5037/1175, 8-9=-3737/909, 9-37=-3588/814, 10-37=-3675/795
BOT CHORD 26-27=-215/354, 25-26=-651/3323, 5-22=-214/1301, 21-22=-776/4568, 20-21=-775/4572, 20-38=-448/3291, 38-39=-448/3291, 19-39=-448/3291, 18-19=-775/4572, 17-18=-776/4568, 7-17=-214/1301, 13-14=-651/3323
WEBS 6-19=-321/1455, 7-19=-1631/450, 14-17=-686/3679, 8-17=-163/1336, 8-14=-1568/369, 9-13=-501/224, 10-13=-746/3286, 10-12=-2358/715, 6-20=-321/1490, 5-20=-1631/450, 22-25=-686/3679, 4-22=-163/1336, 4-25=-1568/369, 3-26=-501/224, 2-26=-746/3286, 2-27=-2358/715

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 492 lb uplift at joint 12 and 559 lb uplift at joint 27.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A09	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:29 2018 Page 1

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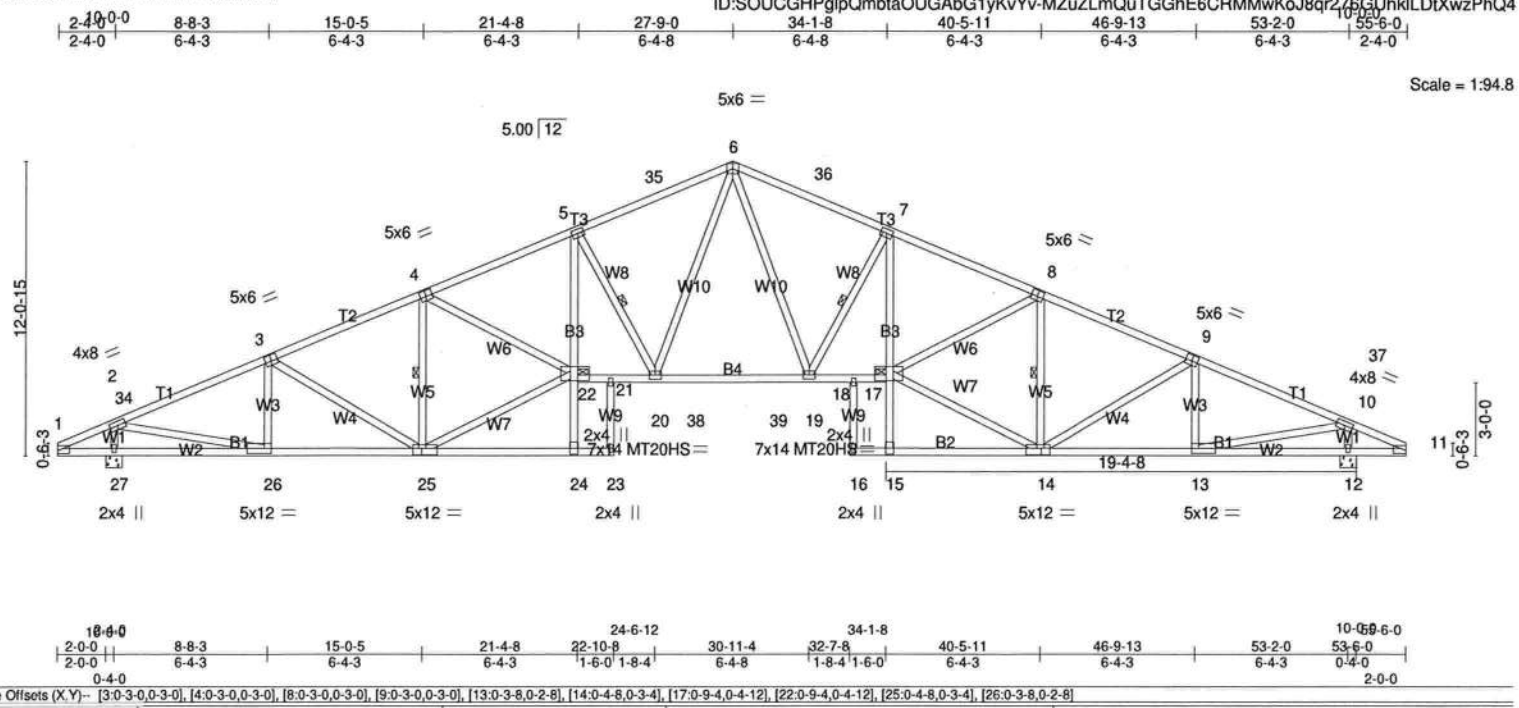

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-8,0-3-4], [17:0-9-4,0-4-12], [22:0-9-4,0-4-12], [25:0-4-8,0-3-4], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.91	19-20	>672	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	19-20	>999	240	Weight: 369 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-3-6 oc bracing.
WEBS 1 Row at midpt 7-19, 8-14, 5-20, 4-25
JOINTS 1 Brace at Jt(s): 17, 22

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 27=2498/0-8-0 (min. 0-2-15)
Max Horz 27=-261(LC 10)
Max Uplift12=-492(LC 12), 27=-559(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-3675/795, 3-34=-3588/814, 3-4=-3737/909, 4-5=-5037/1175, 5-35=-4194/1060, 6-35=-4099/1070, 6-36=-4099/1070, 7-36=-4194/1060, 7-8=-5037/1175, 8-9=-3737/909, 9-37=-3588/814, 10-37=-3675/795
BOT CHORD 26-27=-215/354, 25-26=-651/3323, 5-22=-214/1301, 21-22=-776/4568, 20-21=-775/4572, 20-38=-448/3291, 38-39=-448/3291, 19-39=-448/3291, 18-19=-775/4572, 17-18=-776/4568, 7-17=-214/1301, 13-14=-651/3323
WEBS 6-19=-321/1455, 7-19=-1631/450, 14-17=-686/3679, 8-17=-163/1336, 8-14=-1568/369, 9-13=-501/224, 10-13=-746/3286, 10-12=-2358/715, 6-20=-321/1490, 5-20=-1631/450, 22-25=-686/3679, 4-22=-163/1336, 4-25=-1568/369, 3-26=-501/224, 2-26=-746/3286, 2-27=-2358/715

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BGDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 492 lb uplift at joint 12 and 559 lb uplift at joint 27.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A10	Roof Special	12	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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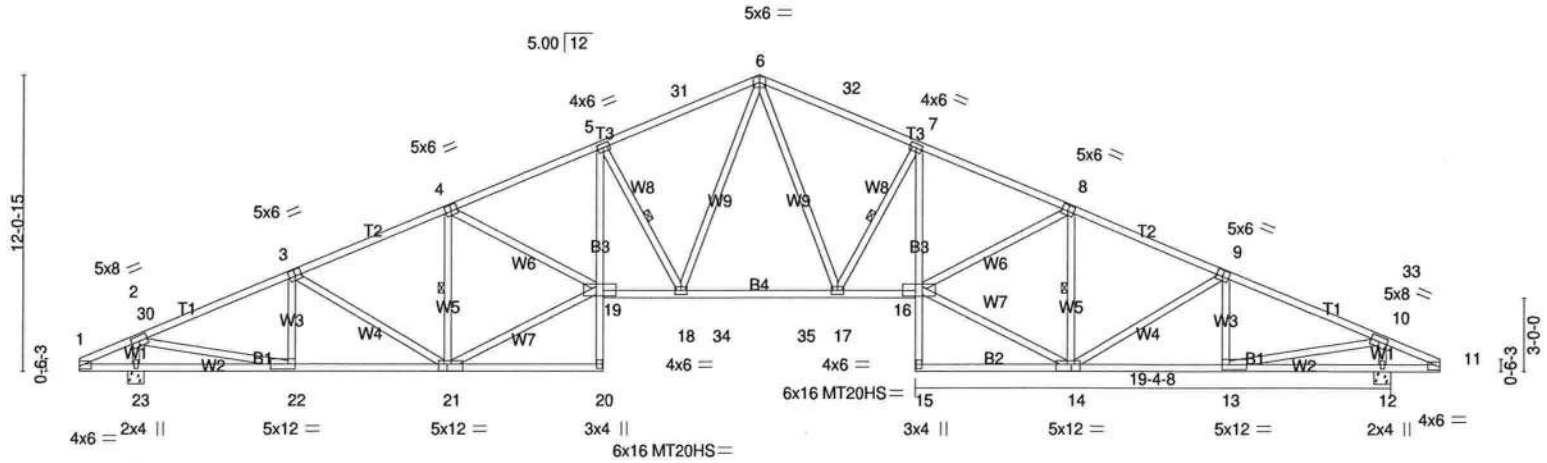
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-jXISOUU1lou_Kt4O8wWWVNrnh3rpxiaTvdweC7zPhQ?

2-4-0	8-8-3	15-0-5	21-4-8	27-9-0	34-1-8	40-5-11	46-9-13	53-2-0	55-6-0
2-4-0	6-4-3	6-4-3	6-4-3	6-4-8	6-4-8	6-4-3	6-4-3	6-4-3	2-4-0

Scale = 1:94.0



2-0-0	8-8-3	15-0-5	21-4-8	24-6-12	30-11-4	34-1-8	40-5-11	46-9-13	53-2-0	53-6-0
2-0-0	6-4-3	6-4-3	6-4-3	3-2-4	6-4-8	3-2-4	6-4-3	6-4-3	6-4-3	0-4-0

0-4-0 2-0-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-4,0-3-4], [16:0-9-12,0-4-12], [19:0-9-12,0-4-12], [21:0-4-4,0-3-4], [22:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	16-17	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.87	17-18	>702	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.43	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	16-17	>999	240	Weight: 356 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W7,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-1-1 oc bracing.
WEBS 1 Row at midpt 7-17, 8-14, 5-18, 4-21

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 23=2498/0-8-0 (min. 0-2-15)
Max Horz 23=-261(LC 10)
Max Uplift12=-492(LC 12), 23=-559(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-30=-3676/796, 3-30=-3589/815, 3-4=-3735/908, 4-5=-5097/1190, 5-31=-4203/1061, 6-31=-4108/1071, 6-32=-4108/1071, 7-32=-4203/1061, 7-8=-5097/1190, 8-9=-3735/908, 9-33=-3589/815, 10-33=-3676/796
BOT CHORD 22-23=-215/353, 21-22=-651/3324, 5-19=-245/1424, 18-19=-793/4647, 18-34=-449/3298, 34-35=-449/3298, 17-35=-449/3298, 16-17=-793/4647, 7-16=-245/1424, 13-14=-651/3324
WEBS 6-17=-322/1461, 7-17=-1750/479, 14-16=-703/3774, 8-16=-180/1400, 8-14=-1623/384, 9-13=-498/222, 10-13=-748/3288, 10-12=-2360/715, 6-18=-322/1495, 5-18=-1750/479, 19-21=-703/3774, 4-19=-180/1400, 4-21=-1623/384, 3-22=-498/222, 2-22=-748/3288, 2-23=-2360/715

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 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) * 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 492 lb uplift at joint 12 and 559 lb uplift at joint 23.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A11	Roof Special	12	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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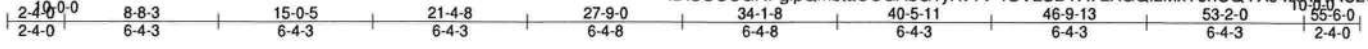
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-4UVLSBYA7LXGQfzMxT6hCQYXJ4XRc?AC2vePsLzPhPw



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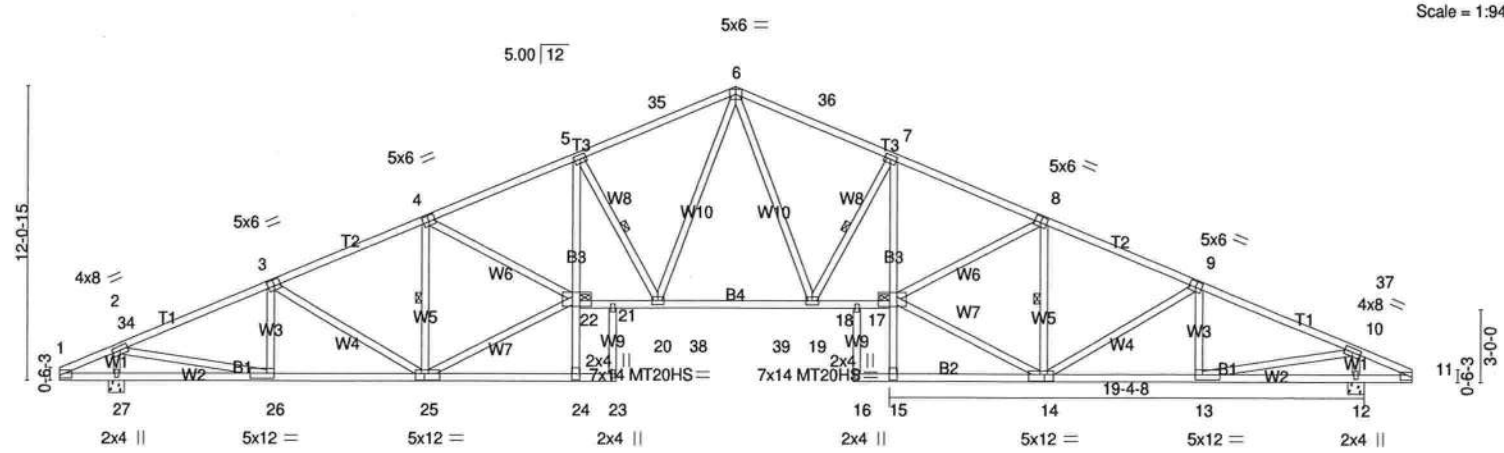


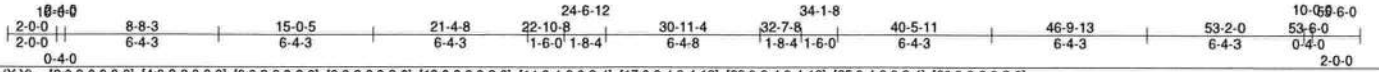


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [14:0-4-8,0-3-4], [17:0-9-4,0-4-12], [22:0-9-4,0-4-12], [25:0-4-8,0-3-4], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.91	19-20	>672	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	19-20	>999	240	Weight: 369 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-3-6 oc bracing.
WEBS 1 Row at midpt 7-19, 8-14, 5-20, 4-25
JOINTS 1 Brace at Jt(s): 17, 22

REACTIONS. (lb/size) 12=2497/0-8-0 (min. 0-2-15), 27=2498/0-8-0 (min. 0-2-15)
Max Horz 27=-261(LC 10)
Max Uplift12=-492(LC 12), 27=-559(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-3675/795, 3-34=-3588/814, 3-4=-3737/909, 4-5=-5037/1175, 5-35=-4194/1060, 6-35=-4099/1070, 6-36=-4099/1070, 7-36=-4194/1060, 7-8=-5037/1175, 8-9=-3737/909, 9-37=-3588/814, 10-37=-3675/795
BOT CHORD 26-27=-215/354, 25-26=-651/3323, 5-22=-214/1301, 21-22=-776/4568, 20-21=-775/4572, 20-38=-448/3291, 38-39=-448/3291, 19-39=-448/3291, 18-19=-775/4572, 17-18=-776/4568, 7-17=-214/1301, 13-14=-651/3323
WEBS 6-19=-321/1455, 7-19=-1631/450, 14-17=-686/3679, 8-17=-163/1336, 8-14=-1568/369, 9-13=-501/224, 10-13=-746/3286, 10-12=-2358/715, 6-20=-321/1490, 5-20=-1631/450, 22-25=-686/3679, 4-22=-163/1336, 4-25=-1568/369, 3-26=-501/224, 2-26=-746/3286, 2-27=-2358/715

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=7ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 492 lb uplift at joint 12 and 559 lb uplift at joint 27.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

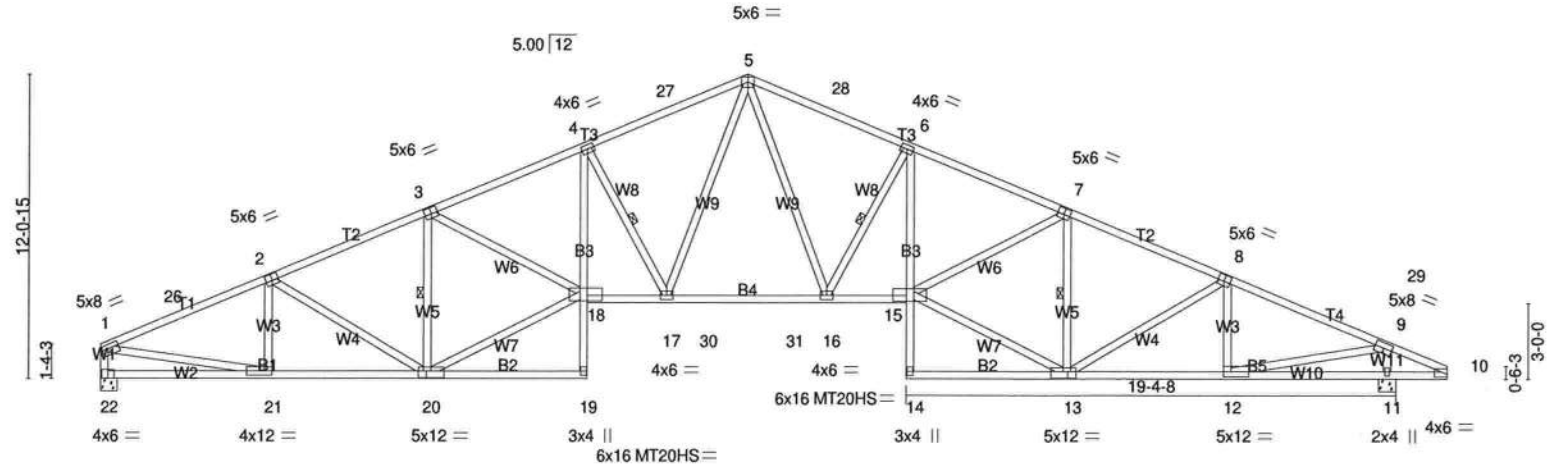
Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A12	Roof Special	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:44 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-QSIEVvcJxt9ZXQrJk0hsvUFOj5FsHFmxCBLAYYzPhPr

10-0-0	6-8-3	13-0-5	19-4-8	25-9-0	32-1-8	38-5-11	44-9-13	51-2-0	53-6-0
0-4-0	6-4-3	6-4-3	6-4-3	6-4-8	6-4-8	6-4-3	6-4-3	6-4-3	2-4-0

Scale = 1:91.7



10-0-0	6-8-3	13-0-5	19-4-8	22-6-12	28-11-4	32-1-8	38-5-11	44-9-13	51-2-0	51-6-0
0-4-0	6-4-3	6-4-3	6-4-3	3-2-4	6-4-8	3-2-4	6-4-3	6-4-3	6-4-3	0-4-0

10-0-0 2-0-0

Plate Offsets (X,Y)-- [1:0-2-12,0-2-0], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [12:0-3-8,0-2-8], [13:0-4-0,0-3-4], [15:0-10-0,0-4-12], [18:0-10-12,0-4-8], [20:0-3-12,0-3-4], [21:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.86	Vert(LL)	-0.39	17-18	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.88	16-17	>696	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.44	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	17-18	>999	240	Weight: 350 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D, T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B1,B4: 2x4 SP No.1, B3: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
W7,W10,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-11-9 oc bracing.
WEBS 1 Row at midpt 6-16, 7-13, 4-17, 3-20

REACTIONS. (lb/size) 22=2291/0-8-0 (min. 0-1-13), 11=2511/0-8-0 (min. 0-2-15)
Max Horz 22=-291(LC 10)
Max Uplift22=-453(LC 12), 11=-496(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-26=-3849/890, 2-26=-3765/902, 2-3=-3820/955, 3-4=-5175/1232, 4-27=-4258/1091, 5-27=-4164/1101, 5-28=-4151/1088, 6-28=-4246/1078, 6-7=-5144/1209, 7-8=-3763/919, 8-29=-3612/824, 9-29=-3699/805, 1-22=-2218/592
BOT CHORD 21-22=-158/409, 20-21=-726/3485, 4-18=-266/1470, 17-18=-822/4719, 17-30=-470/3336, 30-31=-470/3336, 16-31=-470/3336, 15-16=-816/4690, 6-15=-249/1431, 12-13=-663/3346
WEBS 5-16=-324/1464, 6-16=-1756/483, 13-15=-719/3803, 7-15=-190/1419, 7-13=-1639/392, 8-12=-502/224, 9-12=-756/3310, 9-11=-2373/721, 5-17=-337/1528, 4-17=-1794/497, 18-20=-738/3859, 3-18=-179/1396, 3-20=-1612/378, 2-21=-438/204, 1-21=-700/3304

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 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) * 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) Bearing at joint(s) 22 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 453 lb uplift at joint 22 and 496 lb uplift at joint 11.

LOAD CASE(S) Standard

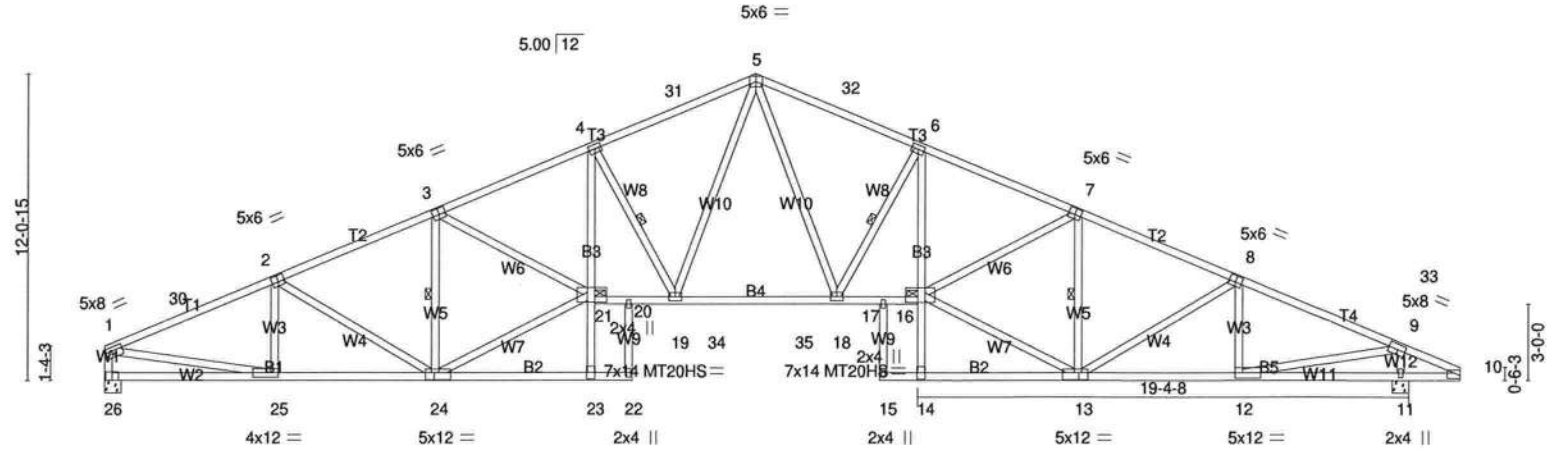
1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A13	Roof Special	4	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:48 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-JDYlKGfp?6f??194zsmo4KQ4oicTD35X7oJOhJzPhPn

10-0-0	6-8-3	13-0-5	19-4-8	25-9-0	32-1-8	38-5-11	44-9-13	51-2-0	53-6-0
0-4-0	6-4-3	6-4-3	6-4-3	6-4-8	6-4-8	6-4-3	6-4-3	6-4-3	2-4-0

Scale = 1:91.0



10-0-0	6-8-3	13-0-5	19-4-8	20-10-8	22-6-12	28-11-4	30-7-8	32-1-8	38-5-11	44-9-13	51-2-0	51-6-0	53-6-0
0-4-0	6-4-3	6-4-3	6-4-3	1-6-0	1-8-4	6-4-8	1-8-4	1-6-0	6-4-3	6-4-3	6-4-3	0-4-0	2-0-0

Plate Offsets (X,Y)-- [1:0-3-0,0-1-12], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [12:0-3-8,0-2-8], [13:0-4-4,0-3-4], [16:0-9-4,0-4-12], [21:0-9-4,0-4-12], [24:0-4-4,0-3-4], [25:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.86	Vert(LL)	-0.40	18-19	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.92	18-19	>669	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.42	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	18-19	>999	240	Weight: 362 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1D, T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B1,B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W11,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-9 oc bracing.
WEBS 1 Row at midpt 6-18, 7-13, 4-19, 3-24
JOINTS 1 Brace at Jt(s): 16, 21

REACTIONS. (lb/size) 26=2291/0-8-0 (min. 0-1-9), 11=2511/0-8-0 (min. 0-2-15)
Max Horz 26=-291(LC 10)
Max Uplift26=-453(LC 12), 11=-496(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-30=-3846/889, 2-30=-3762/901, 2-3=-3822/956, 3-4=-5114/1216, 4-31=-4249/1090, 5-31=-4154/1100, 5-32=-4142/1087, 6-32=-4236/1077, 6-7=-5083/1193, 7-8=-3765/920, 8-33=-3611/823, 9-33=-3698/805, 1-26=-2215/590
BOT CHORD 25-26=-156/416, 24-25=-725/3483, 4-21=-233/1345, 20-21=-804/4639, 19-20=-803/4643, 19-34=-469/3329, 34-35=-469/3329, 18-35=-469/3329, 17-18=-797/4614, 16-17=-798/4610, 6-16=-217/1307, 12-13=-663/3345
WEBS 5-18=-323/1458, 6-18=-1637/453, 13-16=-701/3707, 7-16=-172/1354, 7-13=-1583/377, 8-12=-505/226, 9-12=-755/3308, 9-11=-2371/720, 5-19=-336/1522, 4-19=-1674/467, 21-24=-721/3763, 3-21=-161/1331, 3-24=-1555/362, 2-25=-443/206, 1-25=-695/3295

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-9-0, Exterior(2) 27-9-0 to 30-9-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Bearing at joint(s) 26 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 453 lb uplift at joint 26 and 496 lb uplift at joint 11.

LOAD CASE(S) Standard

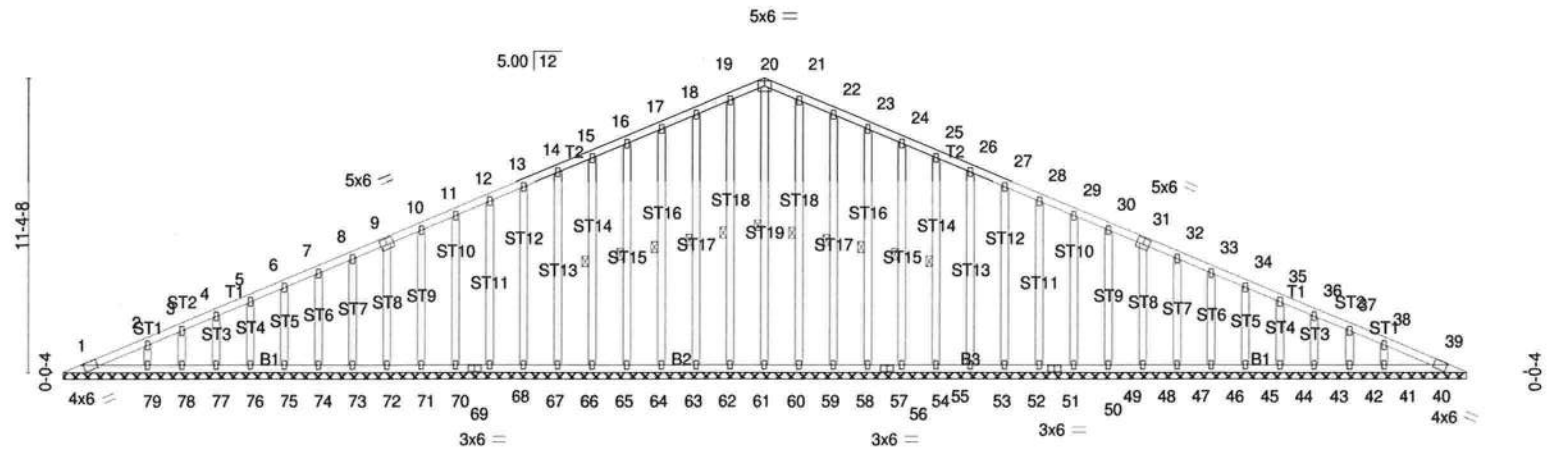
1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A15	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:54 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-8Nv0bKjabyQ8jycEJ6fCJbgGg7sGdxdQVkmiuzzPhPh

9-6-12 | 27-3-0 | 54-6-0
27-3-0 | 27-3-0

Scale = 1:89.3



9-6-12 | 54-6-0
54-6-0

Plate Offsets (X,Y)-- [9:0-3-0,0-3-0], [31:0-3-0,0-3-0]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.13	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.06	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.14	Horz(CT) 0.01 39 n/a n/a	
BCDL 10.0	Code FBC2017/TPI2014	Matrix-S		Weight: 480 lb FT = 20%

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

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.
WEBS 1 Row at midpt 20-60, 19-61, 18-62, 17-63, 16-64, 15-65, 21-59, 22-58, 23-57, 24-55, 25-54

REACTIONS. All bearings 54-6-0.
(lb) - Max Horz 1=-318(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 59, 58, 57, 55, 54, 53, 52, 51, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40
Max Grav All reactions 250 lb or less at joint(s) 1, 60, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 59, 58, 57, 55, 54, 53, 52, 51, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-246/254, 12-13=-151/267, 13-14=-143/301, 14-15=-135/334, 15-16=-127/368, 16-17=-131/401, 17-18=-142/435, 18-19=-156/474, 19-20=-161/489, 20-21=-161/488, 21-22=-156/473, 22-23=-142/435, 23-24=-131/401, 24-25=-119/367, 25-26=-107/334, 26-27=-96/300, 27-28=-84/267

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=55ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-8-2 to 5-11-0, Exterior(2) 5-11-0 to 27-3-0, Corner(3) 27-3-0 to 32-7-0 zone; cantilever left and right exposed ; end vertical left 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 requires continuous bottom chord bearing.
6) Gable studs spaced at 1-4-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 59, 58, 57, 55, 54, 53, 52, 51, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

GABLE END TRUSSES VERTICAL MEMBERS MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A16	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:33:59 2018 Page 1

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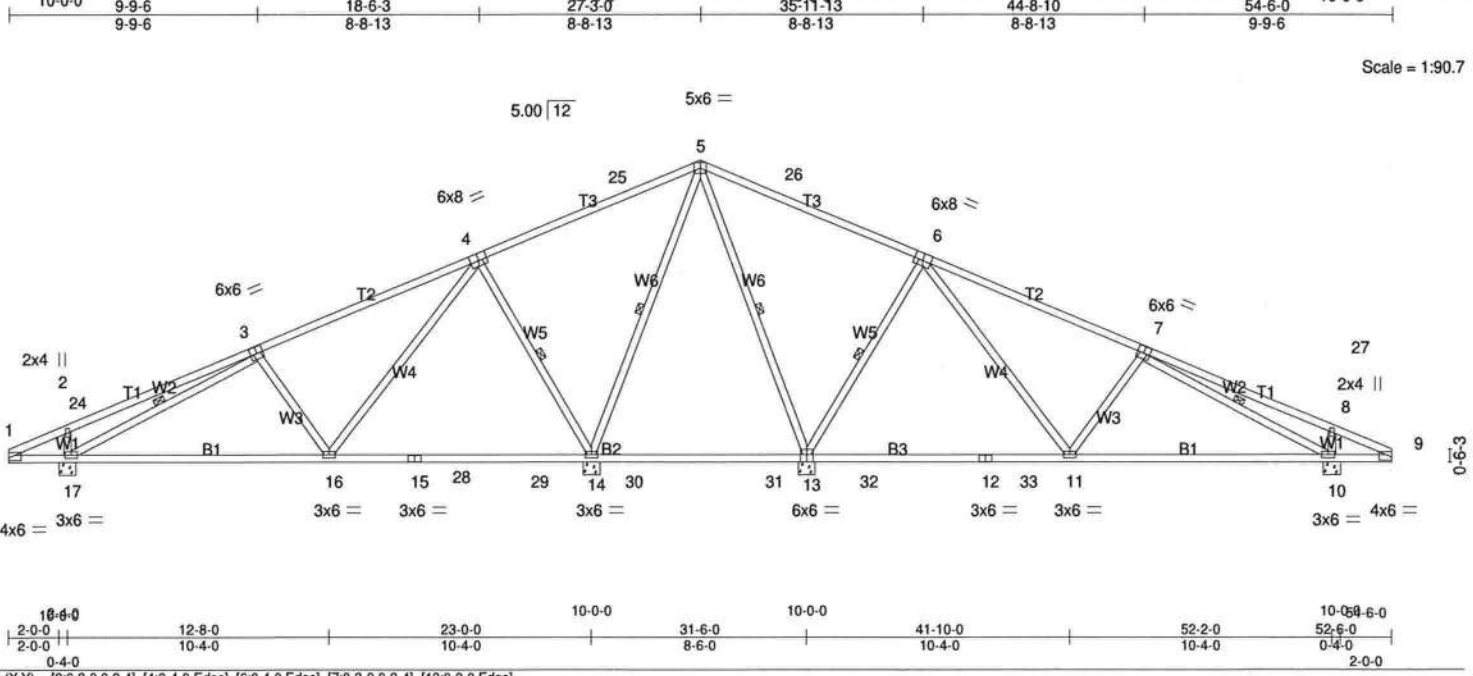

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [4:0-4-0,Edge], [6:0-4-0,Edge], [7:0-3-0,0-3-4], [13:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.96	Vert(LL)	-0.40	14-16	>627	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.57	14-16	>432	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	11	>999	240	Weight: 302 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1 *Except*
T1: 2x4 SP No.2, T2: 2x4 SP No.2D
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-13, 6-13, 5-14, 4-14, 3-17, 7-10

REACTIONS. All bearings 0-8-0.
(lb) - Max Horz 17=256(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) except 13=-311(LC 12), 14=-312(LC 12), 17=-239(LC 12), 10=-172(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 13=1737(LC 18), 14=1779(LC 17), 17=926(LC 21), 10=926(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-578/178, 4-25=0/681, 5-25=0/771, 5-26=0/740, 6-26=0/634, 6-7=-578/178
BOT CHORD 16-17=-78/757, 14-30=-430/304, 30-31=-430/304, 13-31=-430/304, 10-11=-78/684
WEBS 5-13=-554/137, 6-13=-1030/400, 6-11=-107/815, 7-11=-460/263, 5-14=-556/137, 4-14=-1036/400, 4-16=-103/827, 3-16=-460/261, 3-17=-655/224, 2-17=-425/305, 7-10=-655/224, 8-10=-425/305

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical left 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 cherd 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 311 lb uplift at joint 13, 312 lb uplift at joint 14, 239 lb uplift at joint 17 and 172 lb uplift at joint 10.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A17	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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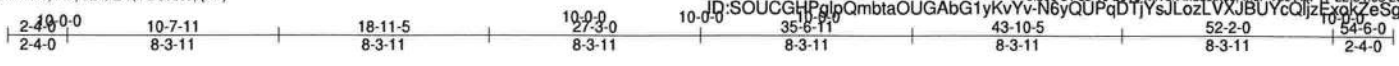

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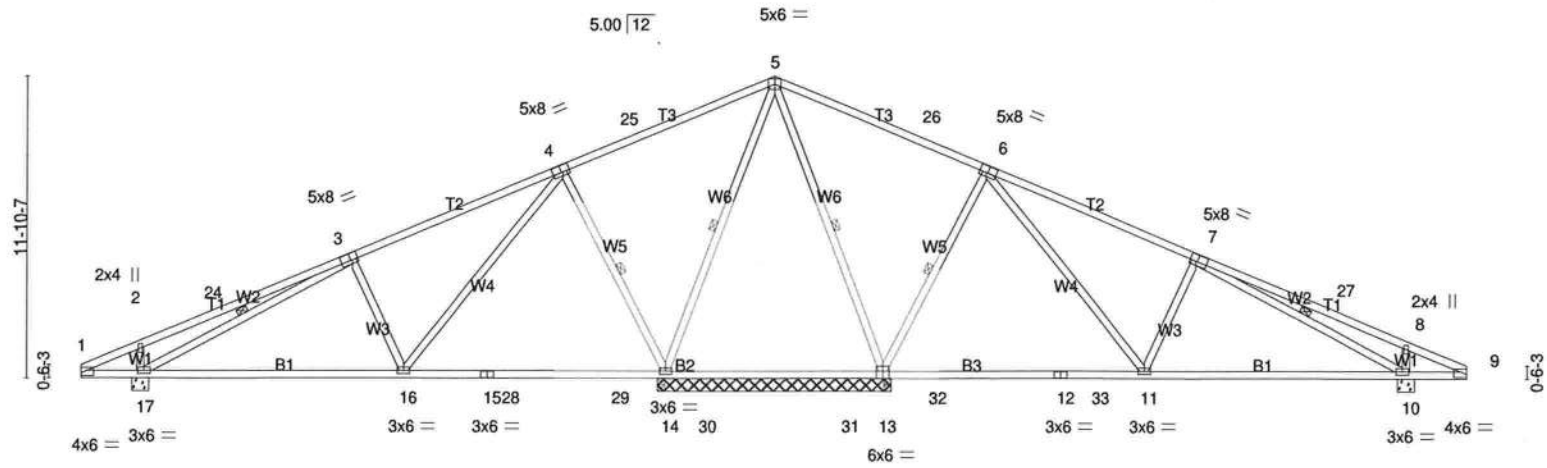

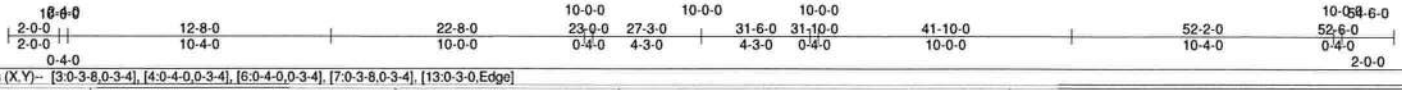

Plate Offsets (X,Y)-- [3:0-3-8,0-3-4], [4:0-4-0,0-3-4], [6:0-4-0,0-3-4], [7:0-3-8,0-3-4], [13:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.96	Vert(LL)	-0.40	11-13	>621	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.58	14-16	>429	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	10-11	>999	240	Weight: 305 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.2D
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-13, 6-13, 7-10, 5-14, 4-14, 3-17

REACTIONS. All bearings 9-2-0 except (jt=length) 10=0-8-0, 17=0-8-0.
(lb) - Max Horz 17=-326(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 13=-306(LC 12), 10=-176(LC 12), 14=-308(LC 12), 17=-243(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 13=1815(LC 18), 13=1567(LC 1), 10=928(LC 22), 14=1867(LC 17), 14=1567(LC 1), 17=928(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-24=-329/67, 3-24=-251/83, 3-4=-603/233, 4-25=0/607, 5-25=0/782, 5-26=0/725, 6-26=0/534, 6-7=-628/233, 7-27=-255/131, 8-27=-332/114
BOT CHORD 16-17=-112/789, 16-28=-263/171, 15-28=-263/171, 15-29=-263/171, 14-29=-263/171, 14-30=-466/301, 30-31=-466/301, 13-31=-466/301, 10-11=-64/656
WEBS 5-13=-540/136, 6-13=-1083/421, 6-11=-157/941, 7-11=-501/282, 7-10=-547/146, 8-10=-532/407, 5-14=-570/136, 4-14=-1090/421, 4-16=-157/955, 3-16=-513/282, 3-17=-547/146, 2-17=-531/407

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=55ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-5-6, Interior(1) 5-5-6 to 27-3-0, Exterior(2) 27-3-0 to 32-8-6 zone; cantilever left and right exposed ; end vertical left 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 306 lb uplift at joint 13, 176 lb uplift at joint 10, 308 lb uplift at joint 14 and 243 lb uplift at joint 17.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A18	Roof Special	10	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:34:08 2018 Page 1

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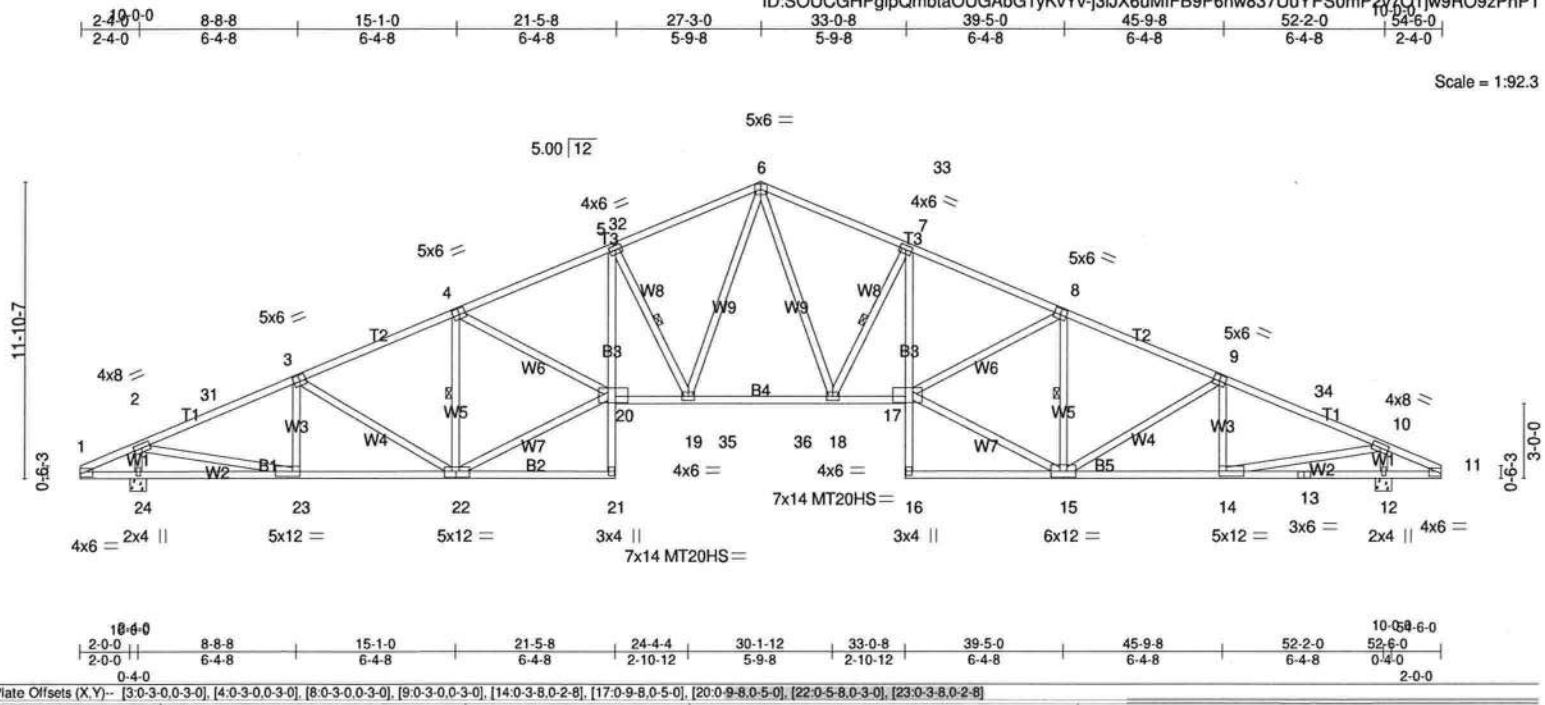

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [14:0-3-8,0-2-8], [17:0-9-8,0-5-0], [20:0-9-8,0-5-0], [22:0-5-8,0-3-0], [23:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.97	Vert(LL)	-0.40	17-18	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.89	17-18	>670	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.43	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	17-18	>999	240	Weight: 352 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.2D
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-18, 8-15, 5-19, 4-22

REACTIONS. (lb/size) 12=2453/0-8-0 (min. 0-2-14), 24=2453/0-8-0 (min. 0-2-14)
Max Horz 24=-326(LC 10)
Max Uplift12=-483(LC 12), 24=-550(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-31=-3599/848, 3-31=-3511/859, 3-4=-3637/943, 4-5=-4917/1224, 5-32=-4094/1095, 6-32=-4080/1114, 6-33=-4080/1114, 7-33=-4094/1095, 7-8=-4917/1224, 8-9=-3638/943, 9-34=-3511/859, 10-34=-3599/848
BOT CHORD 23-24=-278/421, 22-23=-673/3356, 5-20=-256/1443, 19-20=-830/4485, 19-35=-481/3244, 35-36=-481/3244, 18-36=-481/3244, 17-18=-830/4477, 7-17=-256/1419, 14-15=-673/3252
WEBS 6-18=-361/1492, 7-18=-1718/515, 15-17=-726/3663, 8-17=-196/1357, 8-15=-1561/396, 9-14=-480/222, 10-14=-750/3215, 10-12=-2316/771, 6-19=-361/1535, 5-19=-1766/515, 20-22=-726/3708, 4-20=-197/1326, 4-22=-1563/397, 3-23=-480/222, 2-23=-750/3215, 2-24=-2316/771

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=0.0psf~~; h=15ft; B=45ft; L=55ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-5-6, Interior(1) 5-5-6 to 27-3-0, Exterior(2) 27-3-0 to 32-8-6 zone; cantilever left and right exposed ; end vertical 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 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) * 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 483 lb uplift at joint 12 and 550 lb uplift at joint 24.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A18A	Roof Special	8	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:34:13 2018 Page 1
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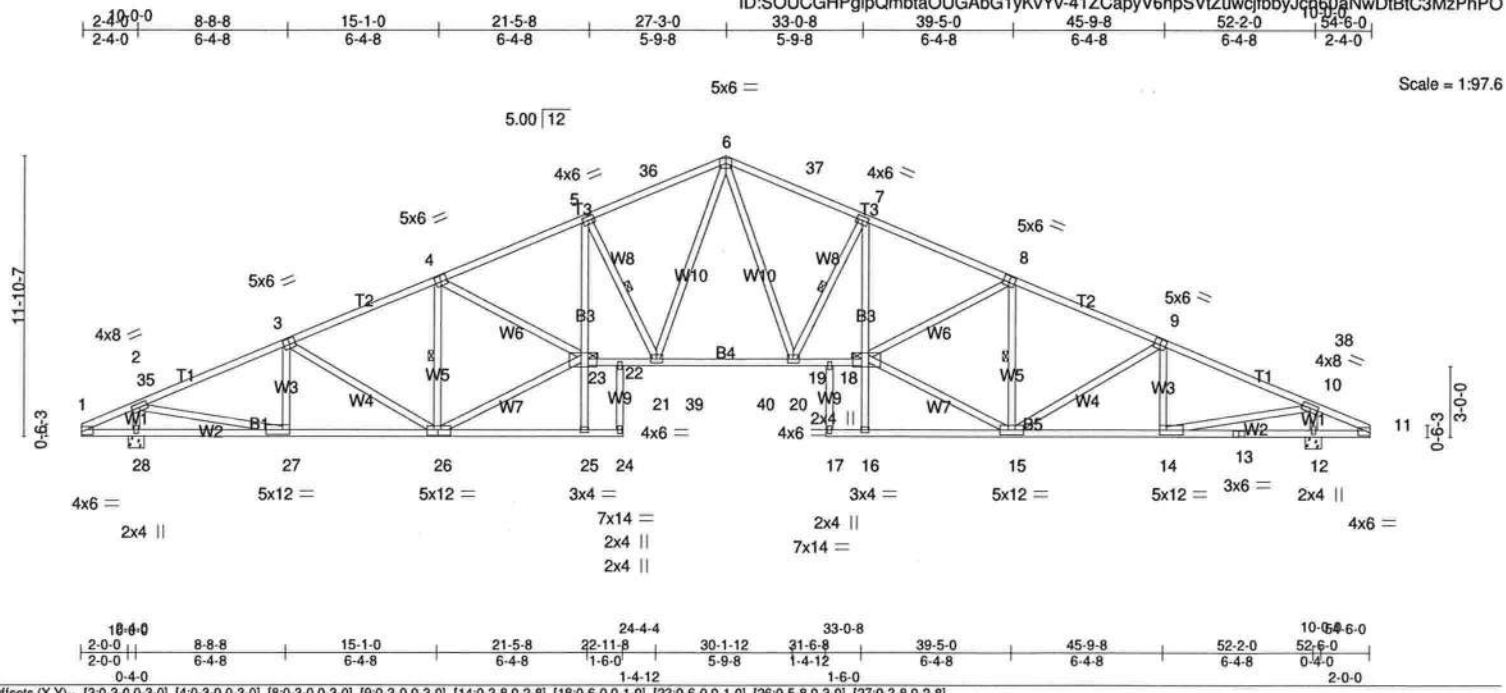

2-4-0	8-8-8	15-1-0	21-5-8	27-3-0	33-0-8	39-5-0	45-9-8	52-2-0	54-6-0
2-4-0	6-4-8	6-4-8	6-4-8	5-9-8	5-9-8	6-4-8	6-4-8	6-4-8	2-4-0

2-0-0	8-8-8	15-1-0	21-5-8	22-11-8	30-1-12	31-6-8	39-5-0	45-9-8	52-2-0	52-6-0
2-0-0	6-4-8	6-4-8	6-4-8	1-6-0	5-9-8	1-4-12	6-4-8	6-4-8	6-4-8	0-4-0
0-4-0				1-4-12		1-6-0				2-0-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [14:0-3-8,0-2-8], [18:0-6-0,0-1-0], [23:0-6-0,0-1-0], [26:0-5-8,0-3-0], [27:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.98	Vert(LL)	-0.40	20-21	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.93	20-21	>646	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.38	20-21	>999	240	Weight: 365 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1D
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-20, 8-15, 5-21, 4-26
JOINTS 1 Brace at Jt(s): 18, 23

REACTIONS. (lb/size) 12=2453/0-8-0 (min. 0-2-14), 28=2453/0-8-0 (min. 0-2-14)
Max Horz 28=-256(LC 10)
Max Uplift12=-483(LC 12), 28=-550(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-35=-3598/779, 3-35=-3510/797, 3-4=-3640/889, 4-5=-4865/1138, 5-36=-4084/1038, 6-36=-3999/1048, 6-37=-3999/1048, 7-37=-4084/1038, 7-8=-4865/1138, 8-9=-3640/889, 9-38=-3510/797, 10-38=-3598/779
BOT CHORD 27-28=-210/349, 26-27=-635/3252, 5-23=-214/1306, 22-23=-739/4408, 21-22=-737/4410, 21-39=-438/3237, 39-40=-438/3237, 20-40=-438/3237, 19-20=-737/4410, 18-19=-739/4408, 7-18=-214/1306, 14-15=-635/3252
WEBS 6-20=-322/1419, 7-20=-1609/438, 15-18=-665/3583, 8-18=-145/1265, 8-15=-1512/357, 9-14=-483/221, 10-14=-730/3213, 10-12=-2315/706, 6-21=-322/1452, 5-21=-1609/438, 23-26=-664/3580, 4-23=-146/1270, 4-26=-1515/358, 3-27=-483/221, 2-27=-730/3213, 2-28=-2315/706

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical left 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 483 lb uplift at joint 12 and 550 lb uplift at joint 28.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

DESIGN THIS TRUSS FOR AN ADDTIONAL -335 PLF (ULT.) WIND UPLIFT ALONG ENTIRE LENGTH OF TRUSS PER NOTE 48 ON S3.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A19	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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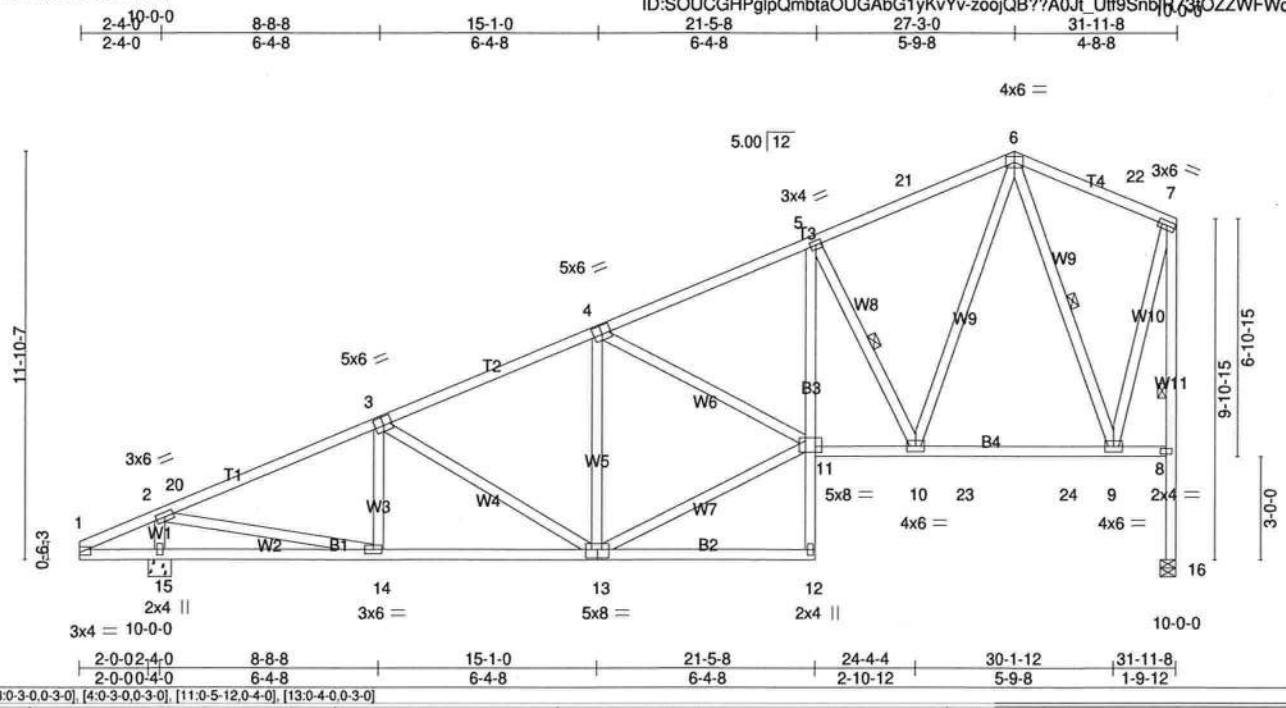

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [11:0-5-12,0-4-0], [13:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.71	Vert(LL)	-0.08	12	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.22	12-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.11	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	12	>999	240	Weight: 228 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.2D
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
7-8-13 oc bracing: 13-14
8-11-13 oc bracing: 10-11.
WEBS 1 Row at midpt 6-9, 5-10, 7-16

REACTIONS. (lb/size) 15=1545/0-8-0 (min. 0-1-13), 16=1318/0-5-8 (min. 0-1-8)
Max Horz 15=361(LC 12)
Max Uplift15=-311(LC 12), 16=-318(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-1975/299, 3-20=-1889/318, 3-4=-1709/320, 4-5=-1752/442, 5-21=-1155/341, 6-21=-1066/351, 6-22=-298/121, 7-22=-349/112, 8-16=-1318/385, 7-8=-1312/364
BOT CHORD 14-15=-305/225, 13-14=-580/1763, 5-11=-222/909, 10-11=-491/1554, 10-23=-184/606, 23-24=-184/606, 9-24=-184/606
WEBS 6-9=-1029/355, 6-10=-326/1240, 5-10=-1254/448, 11-13=-525/1664, 4-13=-474/251, 3-13=-310/137, 2-14=-310/1732, 2-15=-1427/453, 7-9=-267/1131

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical left 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) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 311 lb uplift at joint 15 and 318 lb uplift at joint 16.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0D

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A20	ROOF SPECIAL	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:34:22 2018 Page 1

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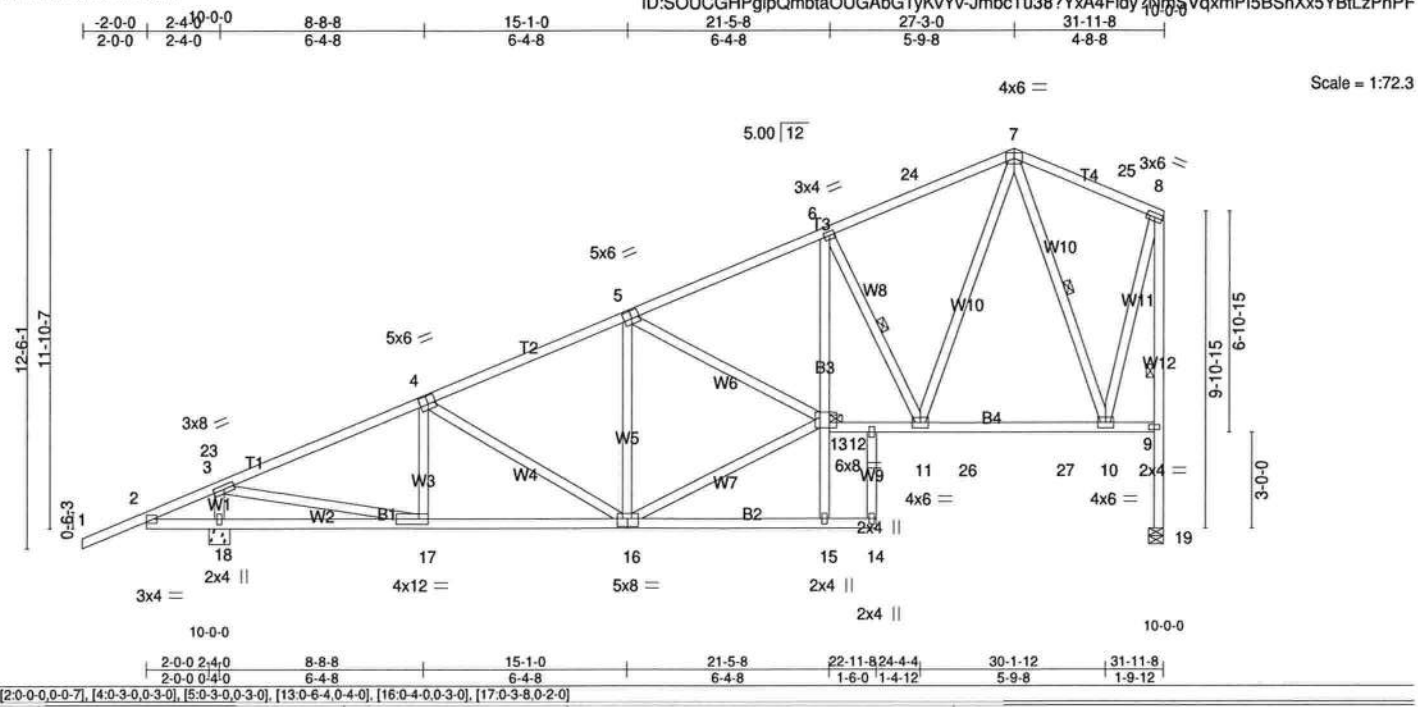

Plate Offsets (X,Y)-- [2:0-0-0,0-0-7], [4:0-3-0,0-3-0], [5:0-3-0,0-3-0], [13:0-6-4,0-4-0], [16:0-4-0,0-3-0], [17:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	-0.09	15-16	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.22	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.11	19	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	15-16	>999	240	Weight: 237 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-10, 6-11, 8-19
JOINTS 1 Brace at Jt(s): 13

REACTIONS. (lb/size) 18=1701/0-8-0 (min. 0-2-0), 19=1302/0-5-8 (min. 0-1-8)
Max Horz 18=410(LC 12)
Max Uplift18=-423(LC 12), 19=-307(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-617/393, 3-23=-611/429, 3-4=-1870/268, 4-5=-1665/286, 5-6=-1705/412, 6-24=-1132/322, 7-24=-1044/332, 7-25=-296/119, 8-25=-347/109, 9-19=-1302/380, 8-9=-1309/361
BOT CHORD 2-18=-336/645, 17-18=-336/211, 16-17=-545/1679, 6-13=-190/847, 12-13=-470/1503, 11-12=-468/1507, 11-26=-180/598, 26-27=-180/598, 10-27=-180/598
WEBS 7-10=-1005/348, 7-11=-316/1209, 6-11=-1195/418, 13-16=-499/1592, 5-16=-471/249, 4-16=-256/112, 4-17=-255/206, 3-17=-654/2016, 3-18=-1588/613, 8-10=-264/1128

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical left 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) Bearing at joint(s) 19 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 18 and 307 lb uplift at joint 19.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A21	ROOF SPECIAL	6	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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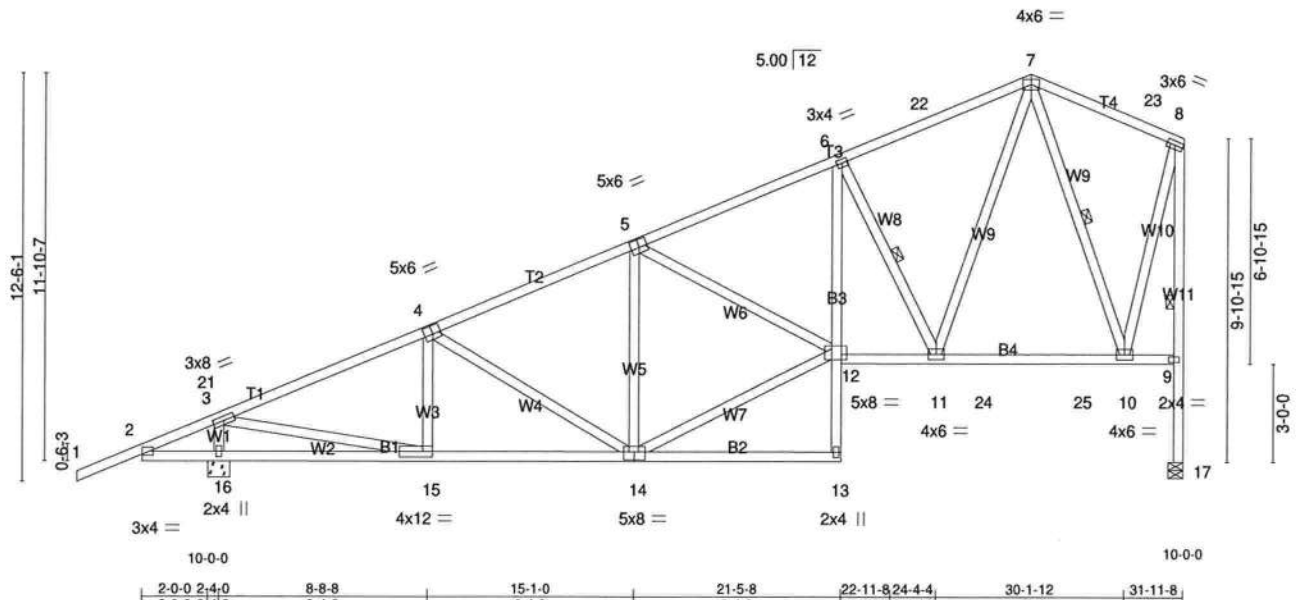

Plate Offsets (X,Y)-- [2:0-0-0,0-0-7], [4:0-3-0,0-3-0], [5:0-3-0,0-3-0], [12:0-5-8,0-4-0], [14:0-4-0,0-3-0], [15:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	-0.08	13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.22	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.11	17	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	13	>999	240	Weight: 231 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-10, 6-11, 8-17

REACTIONS. (lb/size) 16=1701/0-8-0 (min. 0-2-0), 17=1302/0-5-8 (min. 0-1-8)
Max Horz 16=410(LC 12)
Max Uplift16=-423(LC 12), 17=-307(LC 12)
Max Grav 16=1701(LC 1), 17=1310(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-620/399, 3-21=-614/429, 3-4=-1870/270, 4-5=-1665/286, 5-6=-1722/425, 6-22=-1139/324, 7-22=-1062/335, 7-23=-300/119, 8-23=-346/109, 9-17=-1310/382, 8-9=-1322/362
BOT CHORD 2-16=-336/649, 15-16=-336/214, 14-15=-548/1719, 6-12=-213/884, 11-12=-485/1563, 11-24=-182/610, 24-25=-182/610, 10-25=-182/610
WEBS 7-10=-1016/353, 7-11=-320/1244, 6-11=-1235/442, 12-14=-511/1661, 5-14=-490/259, 4-14=-261/113, 4-15=-254/205, 3-15=-657/2016, 3-16=-1588/616, 8-10=-265/1141

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=32ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-0-0 to 1-2-6, Interior(1) 1-2-6 to 27-3-0, Exterior(2) 27-3-0 to 30-5-6 zone; cantilever left and right exposed ; end vertical left 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) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 16 and 307 lb uplift at joint 17.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A21A	ROOF SPECIAL	8	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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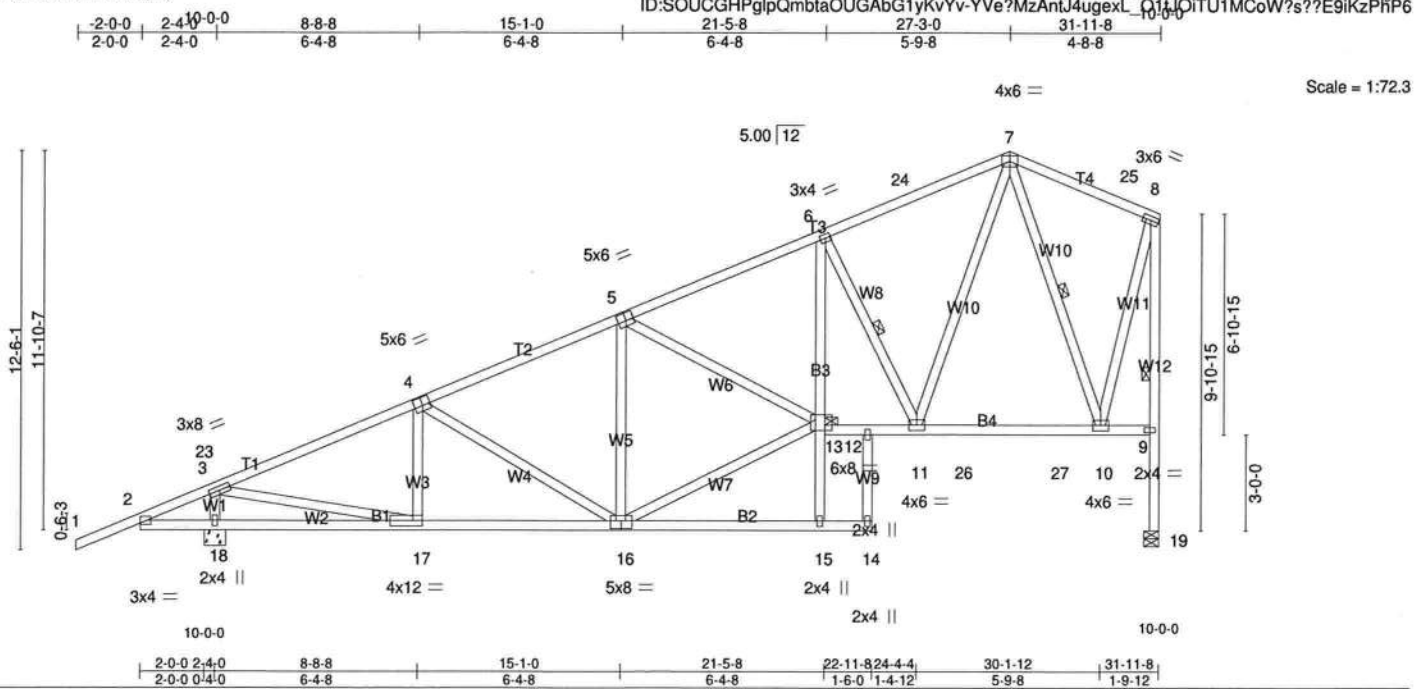

Plate Offsets (X,Y)-- [2:0-0-0,0-0-7], [4:0-3-0,0-3-0], [5:0-3-0,0-3-0], [13:0-6-4,0-4-0], [16:0-4-0,0-3-0], [17:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	-0.09	15-16	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.22	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.11	19	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	15-16	>999	240	Weight: 237 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-10, 6-11, 8-19
JOINTS 1 Brace at Jt(s): 13

REACTIONS. (lb/size) 18=1701/0-8-0 (min. 0-2-0), 19=1302/0-5-8 (min. 0-1-8)
Max Horz 18=410(LC 12)
Max Uplift18=-423(LC 12), 19=-307(LC 12)
Max Grav 18=1701(LC 1), 19=1310(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-619/399, 3-23=-613/429, 3-4=-1870/269, 4-5=-1665/287, 5-6=-1705/414, 6-24=-1134/324, 7-24=-1058/334, 7-25=-302/119, 8-25=-348/109, 9-19=-1310/382, 8-9=-1330/364
BOT CHORD 2-18=-336/649, 17-18=-336/214, 16-17=-547/1719, 6-13=-190/847, 12-13=-473/1536, 11-12=-472/1539, 11-26=-182/609, 26-27=-182/609, 10-27=-182/609
WEBS 7-10=-1008/351, 7-11=-318/1235, 6-11=-1197/421, 13-16=-501/1628, 5-16=-472/249, 4-16=-261/112, 4-17=-255/206, 3-17=-656/2016, 3-18=-1588/616, 8-10=-267/1148

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=32ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-0-0 to 1-2-6, Interior(1) 1-2-6 to 27-3-0, Exterior(2) 27-3-0 to 30-5-6 zone; cantilever left and right exposed ; end vertical left 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) Bearing at joint(s) 19 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 18 and 307 lb uplift at joint 19.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A22	ROOF SPECIAL	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:34:37 2018 Page 1
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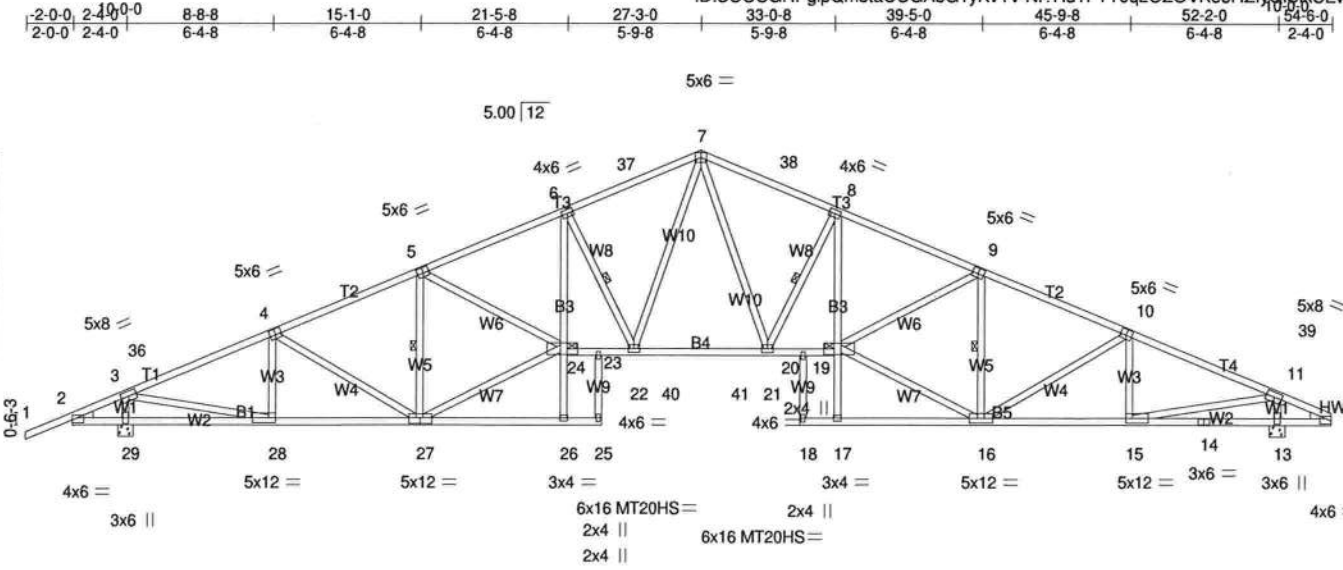

Plate Offsets (X,Y)-- [4:0-3-0,0-3-0], [5:0-3-0,0-3-0], [9:0-3-0,0-3-0], [10:0-3-0,0-3-0], [15:0-3-8,0-2-8], [19:0-9-0,0-5-0], [24:0-9-0,0-5-0], [27:0-5-12,0-3-0], [28:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.97	Vert(LL)	-0.40	21-22	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.92	21-22	>650	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.42	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	21-22	>999	240	Weight: 370 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1D
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 8-21, 9-16, 6-22, 5-27
JOINTS 1 Brace at Jt(s): 19, 24

REACTIONS. (lb/size) 13=2443/0-8-0 (min. 0-2-14), 29=2602/0-8-0 (min. 0-3-1)
Max Horz 29=273(LC 11)
Max Uplift13=-476(LC 12), 29=-657(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-36=-587/366, 3-36=-582/402, 3-4=-3483/751, 4-5=-3582/858, 5-6=-4812/1112, 6-37=-4046/1017, 7-37=-3961/1027, 7-38=-3969/1037, 8-38=-4054/1027, 8-9=-4833/1126, 9-10=-3620/882, 10-39=-3494/792, 11-39=-3581/773
BOT CHORD 2-29=-310/619, 28-29=-357/558, 27-28=-598/3146, 6-24=-203/1274, 23-24=-721/4360, 22-23=-720/4362, 22-40=-429/3210, 40-41=-429/3210, 21-41=-429/3210, 20-21=-709/4380, 19-20=-711/4379, 8-19=-209/1302, 15-16=-617/3236
WEBS 7-21=-319/1417, 8-21=-1605/433, 16-19=-648/3563, 9-19=-134/1252, 9-16=-1501/352, 10-15=-480/220, 11-15=-725/3198, 11-13=-2305/702, 7-22=-313/1429, 6-22=-1580/428, 24-27=-643/3522, 5-24=-148/1275, 5-27=-1520/363, 4-28=-536/284, 3-28=-1064/3492, 3-29=-2471/859

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph: ~~TCDL=4.2psf; BCDL=6.0psf; h=15ft~~; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 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) * 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 476 lb uplift at joint 13 and 657 lb uplift at joint 29.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A23	ROOF SPECIAL	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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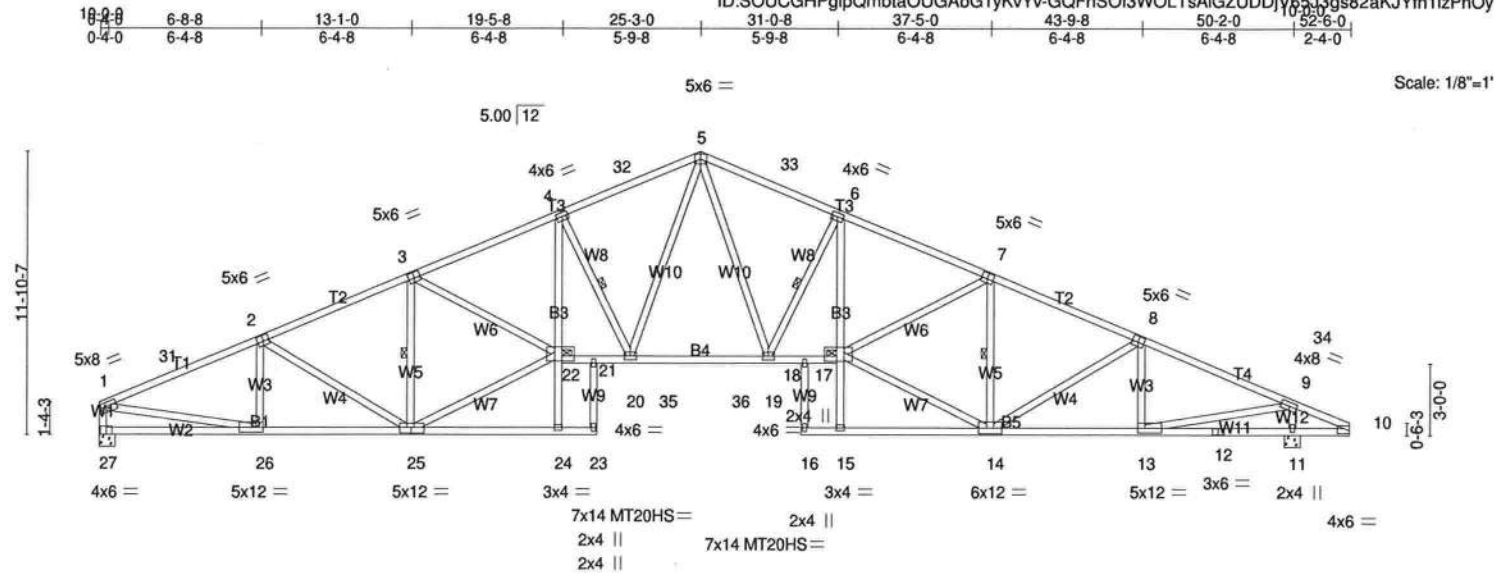

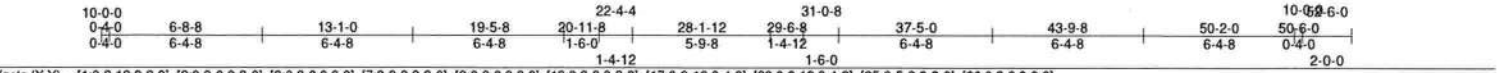

Plate Offsets (X,Y)-- [1:0-2-12,0-2-0], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [13:0-3-8,0-2-8], [17:0-9-12,0-4-8], [22:0-9-12,0-4-8], [25:0-5-8,0-3-0], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.99	Vert(LL)	-0.41	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.93	19-20	>643	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.43	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.38	19-20	>999	240	Weight: 359 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W6,W11,W2: 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-11-10 oc bracing.
WEBS 1 Row at midpt 6-19, 7-14, 4-20, 3-25
JOINTS 1 Brace at Jt(s): 17, 22

REACTIONS. (lb/size) 27=2246/0-8-0 (min. 0-1-13), 11=2466/0-8-0 (min. 0-2-15)
Max Horz 27=-286(LC 10)
Max Uplift27=-444(LC 12), 11=-487(LC 12)

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

TOP CHORD 1-31=-3768/872, 2-31=-3684/884, 2-3=-3722/935, 3-4=-4940/1178, 4-32=-4139/1068, 5-32=-4054/1078, 5-33=-4042/1065, 6-33=-4127/1055, 6-7=-4911/1156, 7-8=-3668/901, 8-34=-3534/807, 9-34=-3622/788, 1-27=-2174/582

BOT CHORD 26-27=-155/402, 25-26=-709/3411, 4-22=-233/1350, 21-22=-766/4478, 20-21=-765/4480, 20-35=-459/3276, 35-36=-459/3276, 19-36=-459/3276, 18-19=-760/4453, 17-18=-762/4451, 6-17=-217/1313, 13-14=-647/3274

WEBS 5-19=-324/1422, 6-19=-1616/441, 14-17=-680/3612, 7-17=-155/1284, 7-14=-1528/366, 8-13=-487/223, 9-13=-739/3235, 9-11=-2328/711, 5-20=-337/1484, 4-20=-1652/455, 22-25=-698/3662, 3-22=-144/1265, 3-25=-1503/351, 2-26=-423/203, 1-26=-683/3232

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 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) * 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) Bearing at joint(s) 27 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 444 lb uplift at joint 27 and 487 lb uplift at joint 11.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A24	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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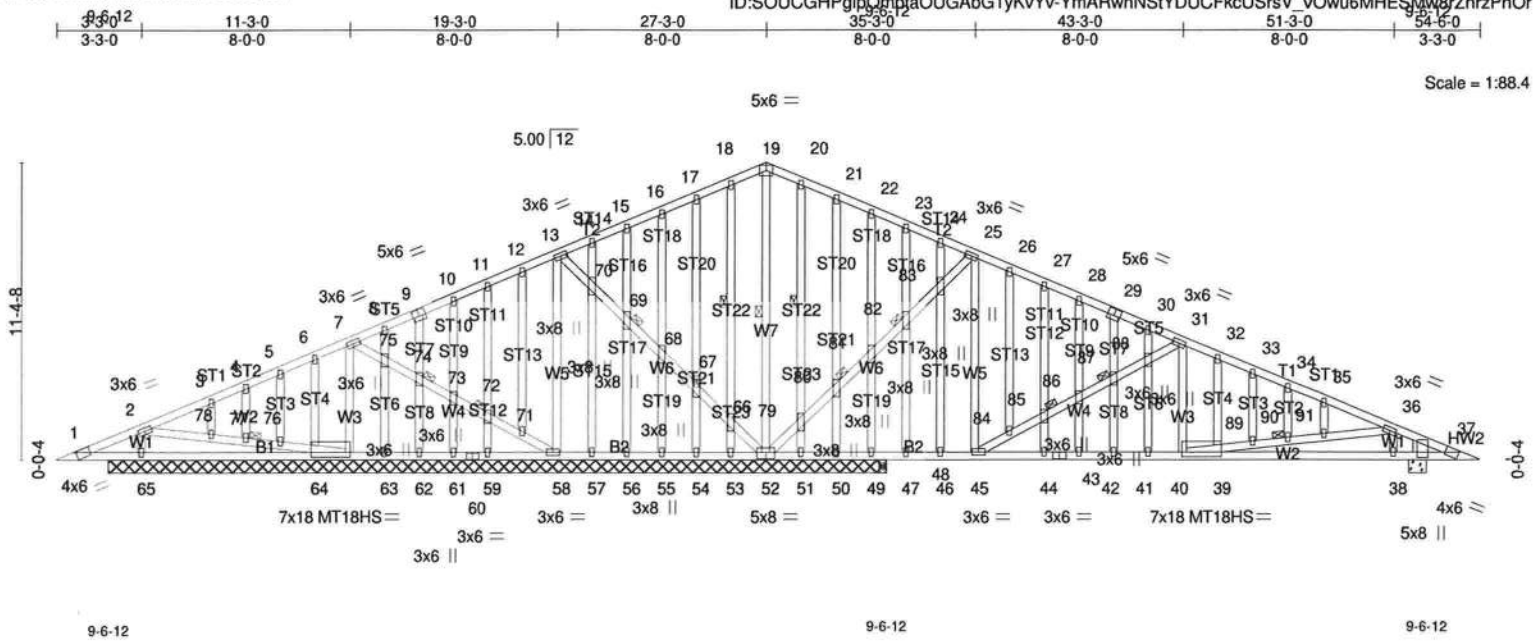

	9-6-12				9-6-12			9-6-12	
2-0-0	3-3-0	11-3-0	19-3-0	27-3-0	31-10-0	35-3-0	43-3-0	51-3-0	52-6-0 54-6-0
2-0-0	1-3-0	8-0-0	8-0-0	8-0-0	4-7-0	3-5-0	8-0-0	8-0-0	1-3-0 2-0-0

Plate Offsets (X,Y)-- [9:0-3-0,0-3-0], [29:0-3-0,0-3-0], [37:0-2-8,0-6-5], [37:0-1-3,Edge], [39:0-2-0,0-2-4], [52:0-4-0,0-3-0], [64:0-2-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.12	42	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.26	42	>999	240	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	-0.01	48	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.12	42	>999	240	Weight: 548 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3
WEDGE
Right: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 19-52, 18-66, 20-79
JOINTS 1 Brace at Jt(s): 67, 69, 72, 74, 77, 80, 82, 85, 87, 90

REACTIONS. All bearings 29-10-0 except (jt=length) 37=0-8-0, 48=0-3-8.
(lb) - Max Horz 65=-318(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 64, 53, 54, 55, 56, 57, 59, 61, 62, 63, 51, 50, 49, 48 except 65=-123(LC 12), 58=-150(LC 22), 52=-316(LC 12), 37=-164(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 58, 53, 54, 55, 56, 57, 59, 61, 62, 63, 51, 50, 48 except 65=420(LC 21), 64=505(LC 21), 52=1603(LC 1), 37=909(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-147/318, 3-4=-137/338, 4-5=-115/338, 5-6=-117/375, 6-7=-37/261, 7-8=-119/457, 8-9=-97/453, 9-10=-73/454, 10-11=-49/455, 11-12=-20/441, 12-13=-10/473, 13-14=-121/767, 14-15=-107/789, 15-16=-76/785, 16-17=-42/785, 17-18=-8/794, 18-19=0/762, 19-20=0/763, 20-21=0/794, 21-22=-20/781, 22-23=-55/781, 23-24=-84/789, 24-25=-89/729, 31-32=-949/288, 32-33=-897/223, 33-34=-952/227, 34-35=-956/207, 35-36=-1015/194, 36-37=-713/126
BOT CHORD 64-65=-317/338, 63-64=-397/262, 62-63=-397/262, 61-62=-397/262, 60-61=-397/262, 59-60=-397/262, 58-59=-397/262, 57-58=-504/294, 56-57=-504/294, 55-56=-504/294, 54-55=-504/294, 53-54=-504/294, 52-53=-504/294, 44-45=-42/774, 43-44=-42/774, 42-43=-42/774, 41-42=-42/774, 40-41=-42/774, 39-40=-42/774, 38-39=-95/611, 37-38=-95/611
WEBS 2-65=-306/278, 2-78=-310/121, 77-78=-313/121, 76-77=-322/124, 64-76=-328/127, 13-58=-93/294, 13-70=-416/190, 69-70=-429/196, 68-69=-427/195, 67-68=-427/195, 66-67=-425/195, 52-66=-428/195, 19-52=-568/32, 52-79=-1061/310, 79-80=-1059/310, 80-81=-1053/308, 81-82=-1060/311, 82-83=-1041/304, 25-83=-1064/311, 25-45=-153/631, 45-84=-906/275, 84-85=-935/278, 85-86=-901/273, 86-87=-888/267, 87-88=-864/263, 31-88=-885/265, 31-39=-119/347, 39-89=0/277, 89-90=0/272, 90-91=0/279, 36-91=-1/285, 36-38=-349/235, 6-64=-378/215

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph. ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=55ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-2 to 5-11-0, Interior(1) 5-11-0 to 27-3-0, Exterior(2) 27-3-0 to 32-7-0 zone; cantilever left and right exposed ; end vertical left 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 MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 1-4-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 64, 53, 54, 55, 56, 57, 59, 61, 62, 63, 51, 50, 49, 48 except (jt=lb) 65=123, 58=150, 52=316, 37=164.

LOAD CASE(S) Standard

VERTICAL MEMBER MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A25	Roof Special	14	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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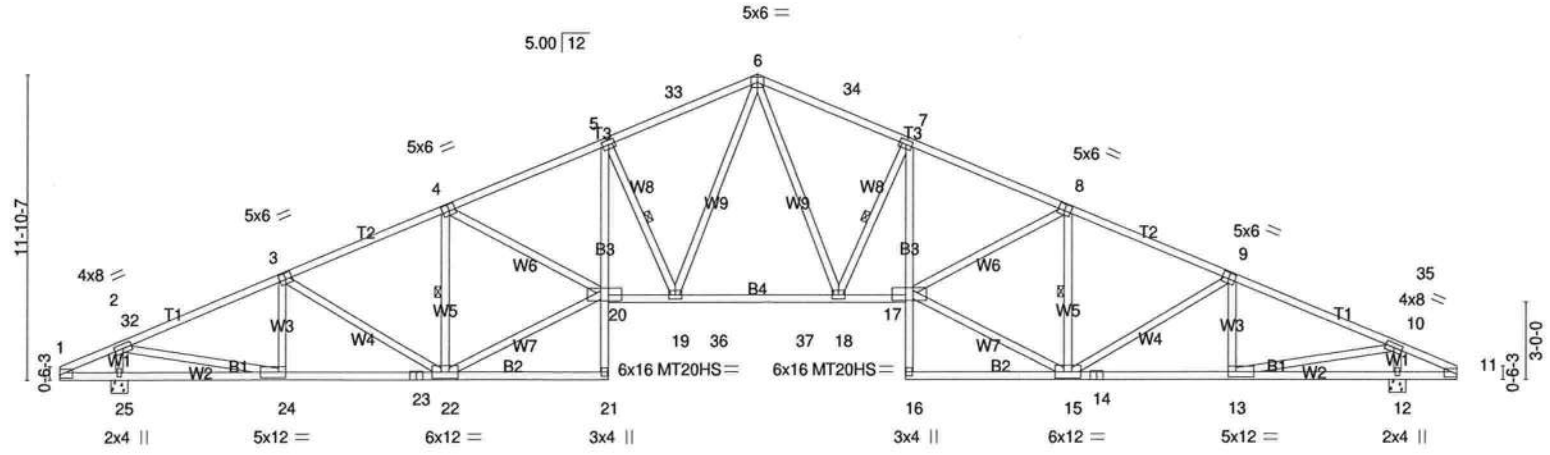
2-4-0	8-8-11	15-1-5	21-6-0	27-3-0	33-0-1	39-4-11	45-9-5	52-2-0	54-6-0
2-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	2-4-0

Scale = 1:89.9



2-0-0	8-8-11	15-1-5	21-5-8	22-11-8	30-5-4	33-0-1	39-4-11	45-9-5	52-2-0	54-6-0
2-0-0	6-4-11	6-4-11	6-4-3	1-6-0 0-0-8 1-1-4	6-4-8	31-6-8 33-0-8 1-1-4 1-5-9	6-4-3	6-4-11	6-4-11	0-4-0
0-4-0				1-5-8		0-0-7				2-0-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [17:0-9-12,0-4-12], [20:0-9-12,0-4-12], [24:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	1.00	Vert(LL)	-0.40	17-18	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.90	18-19	>667	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.43	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	17-18	>999	240	Weight: 352 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W7,W6: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-3-1 oc bracing.
WEBS 1 Row at midpt 4-22, 8-15, 7-18, 5-19

REACTIONS. (lb/size) 25=2453/0-8-0 (min. 0-2-14), 12=2453/0-8-0 (min. 0-2-14)
Max Horz 25=-256(LC 10)
Max Uplift25=-550(LC 12), 12=-483(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-32=-3601/780, 3-32=-3513/799, 3-4=-3636/888, 4-5=-4916/1152, 5-33=-4151/1052, 6-33=-4065/1062, 6-34=-4065/1062, 7-34=-4151/1052, 7-8=-4916/1152, 8-9=-3636/888, 9-35=-3513/799, 10-35=-3601/780
BOT CHORD 24-25=-210/349, 23-24=-636/3254, 22-23=-636/3254, 5-20=-256/1439, 19-20=-755/4477, 19-36=-440/3243, 36-37=-440/3243, 18-37=-440/3243, 17-18=-755/4477, 7-17=-256/1439, 14-15=-636/3254, 13-14=-636/3254
WEBS 2-25=-2316/707, 2-24=-732/3216, 3-24=-479/219, 4-22=-1565/372, 20-22=-680/3663, 4-20=-162/1323, 6-19=-332/1503, 6-18=-332/1468, 15-17=-680/3663, 8-17=-162/1323, 8-15=-1565/372, 9-13=-479/219, 10-13=-732/3216, 10-12=-2316/707, 7-18=-1731/476, 5-19=-1731/476

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 25=550, 12=483.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A25A	Roof Special	18	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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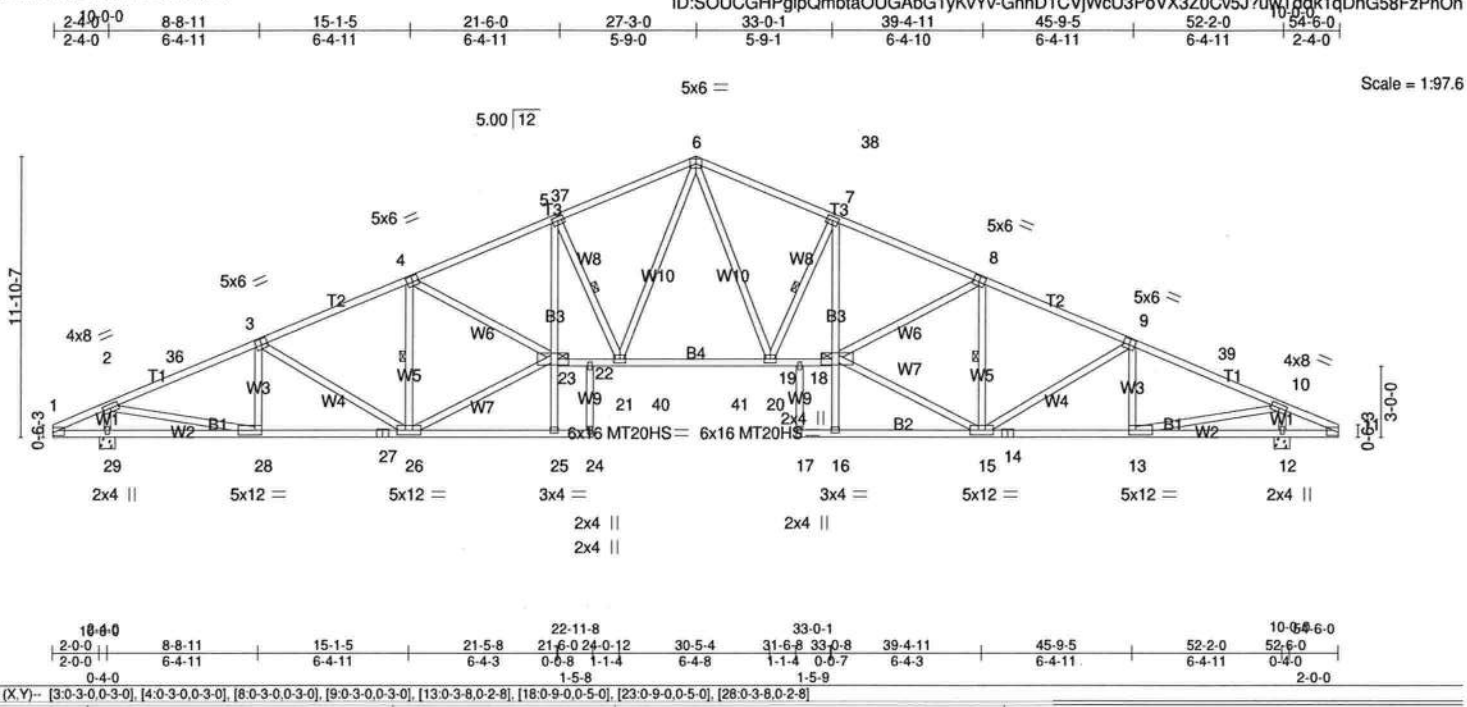

2-4-0	8-8-11	15-1-5	21-6-0	27-3-0	33-0-1	39-4-11	45-9-5	52-2-0	54-6-0
2-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	2-4-0

2-0-0	8-8-11	15-1-5	21-5-8	22-11-8	30-5-4	33-0-1	39-4-11	45-9-5	52-2-0	54-6-0
2-0-0	6-4-11	6-4-11	6-4-3	0-0-8 1-1-4	6-4-8	1-1-4 0-0-7	6-4-3	6-4-11	6-4-11	0-4-0
0-4-0				1-5-8		1-5-9				2-0-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [18:0-9-0,0-5-0], [23:0-9-0,0-5-0], [28:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	1.00	Vert(LL)	-0.40	20-21	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.93	20-21	>641	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	20-21	>999	240	Weight: 365 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1D
WEBS 2x4 SP No.3 *Except*
W2,W7,W6: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-1-15 oc bracing.
WEBS 1 Row at midpt 4-26, 8-15, 5-21, 7-20
JOINTS 1 Brace at Jt(s): 23, 18

REACTIONS. (lb/size) 29=2453/0-8-0 (min. 0-2-14), 12=2453/0-8-0 (min. 0-2-14)
Max Horz 29=-326(LC 10)
Max Uplift29=-550(LC 12), 12=-483(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-36=-3600/848, 3-36=-3512/859, 3-4=-3639/945, 4-5=-4868/1209, 5-37=-4143/1109, 6-37=-4130/1129, 6-38=-4130/1129, 7-38=-4143/1109, 7-8=-4868/1209, 8-9=-3639/945, 9-39=-3512/859, 10-39=-3600/848
BOT CHORD 28-29=-277/422, 27-28=-673/3365, 26-27=-673/3365, 5-23=-233/1341, 22-23=-816/4433, 21-22=-813/4437, 21-40=-481/3237, 40-41=-481/3237, 20-41=-481/3237, 19-20=-813/4414, 18-19=-816/4413, 7-18=-233/1326, 14-15=-673/3253, 13-14=-673/3253
WEBS 2-29=-2315/770, 2-28=-749/3214, 3-28=-482/224, 4-26=-1520/383, 23-26=-712/3645, 4-23=-180/1272, 6-21=-371/1579, 6-20=-371/1534, 15-18=-712/3590, 8-18=-180/1317, 8-15=-1520/383, 9-13=-482/224, 10-13=-749/3214, 10-12=-2315/770, 5-21=-1664/492, 7-20=-1624/492

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=55ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-5-6, Interior(1) 5-5-6 to 27-3-0, Exterior(2) 27-3-0 to 32-8-6 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 29=550, 12=483.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A25G	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:03 2018 Page 1
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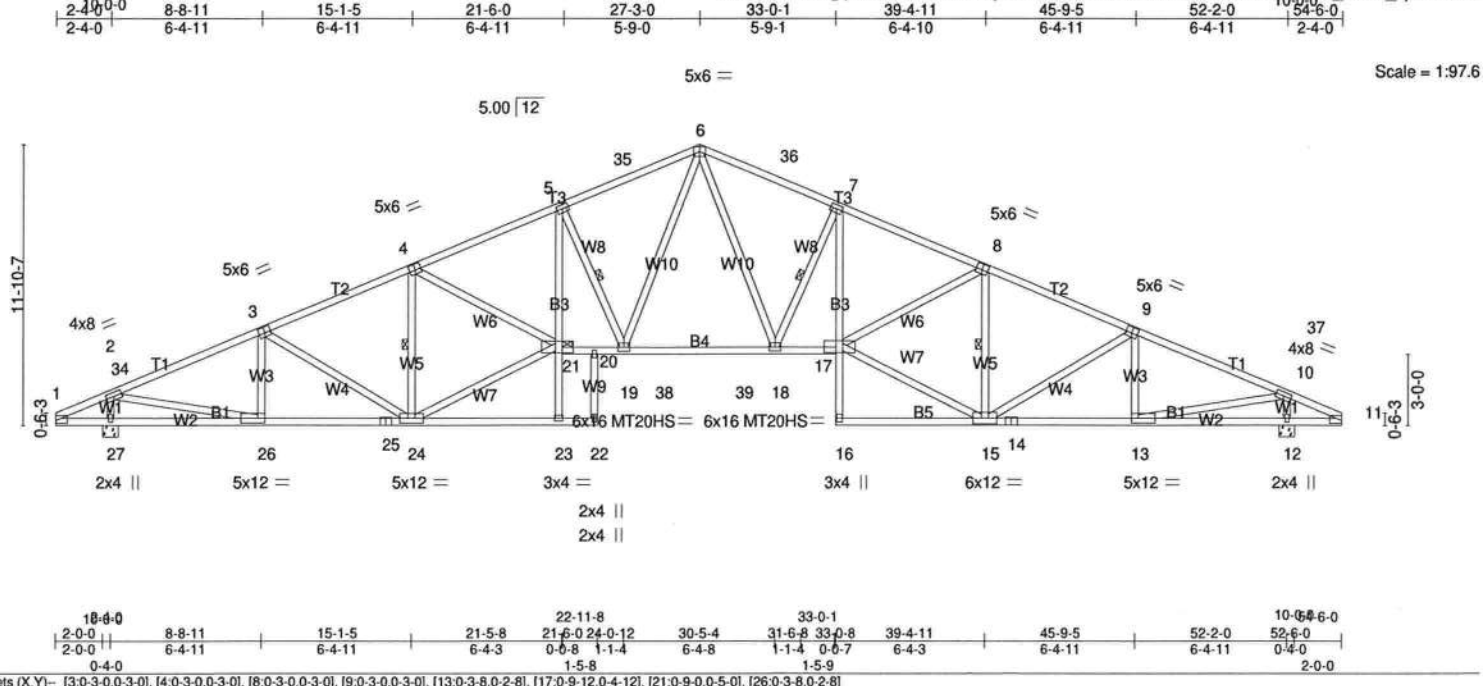

Scale = 1:97.6

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [17:0-9-12,0-4-12], [21:0-9-0,0-5-0], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	1.00	Vert(LL)	-0.39	18-19	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.91	18-19	>658	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	17-18	>999	240	Weight: 358 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1D
WEBS 2x4 SP No.3 *Except*
W2,W7,W6: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-4-7 oc bracing.
WEBS 1 Row at midpt 4-24, 8-15, 7-18, 5-19
JOINTS 1 Brace at Jt(s): 21

REACTIONS. (lb/size) 27=2453/0-8-0 (min. 0-2-14), 12=2453/0-8-0 (min. 0-2-14)
Max Horz 27=-256(LC 10)
Max Uplift27=-550(LC 12), 12=-483(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-3600/779, 3-34=-3512/798, 3-4=-3638/889, 4-5=-4869/1139, 5-35=-4139/1051, 6-35=-4054/1061, 6-36=-4070/1063, 7-36=-4155/1053, 7-8=-4914/1152, 8-9=-3636/888, 9-37=-3513/799, 10-37=-3601/780
BOT CHORD 26-27=-210/350, 25-26=-636/3253, 24-25=-636/3253, 5-21=-226/1340, 20-21=-741/4417, 19-20=-738/4415, 19-38=-439/3240, 38-39=-439/3240, 18-39=-439/3240, 17-18=-755/4474, 7-17=-254/1424, 14-15=-636/3254, 13-14=-636/3254
WEBS 2-27=-2315/706, 2-26=-731/3214, 3-26=-482/221, 4-24=-1522/359, 21-24=-666/3592, 4-21=-147/1273, 6-19=-329/1481, 6-18=-334/1484, 15-17=-679/3660, 8-17=-162/1322, 8-15=-1564/371, 9-13=-479/219, 10-13=-732/3216, 10-12=-2316/707, 7-18=-1717/474, 5-19=-1637/448

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=0.0~~psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 27=550, 12=483.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
DESIGN THIS TRUSS FOR AN ADDITONAL -335 PLF (ULT.) WIND UPLIFT ALONG ENTIRE LENGTH OF TRUSS PER NOTE 48 ON S3.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A25L	Roof Special	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-VQpcwHcNONcn_AhG5yhJn_BYfYY_Eo09Hby3yEzPhOY

2-4-0	8-8-11	15-1-5	21-6-0	27-3-0	33-0-1	39-4-11	45-9-5	52-2-0	54-6-0
2-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	2-4-0

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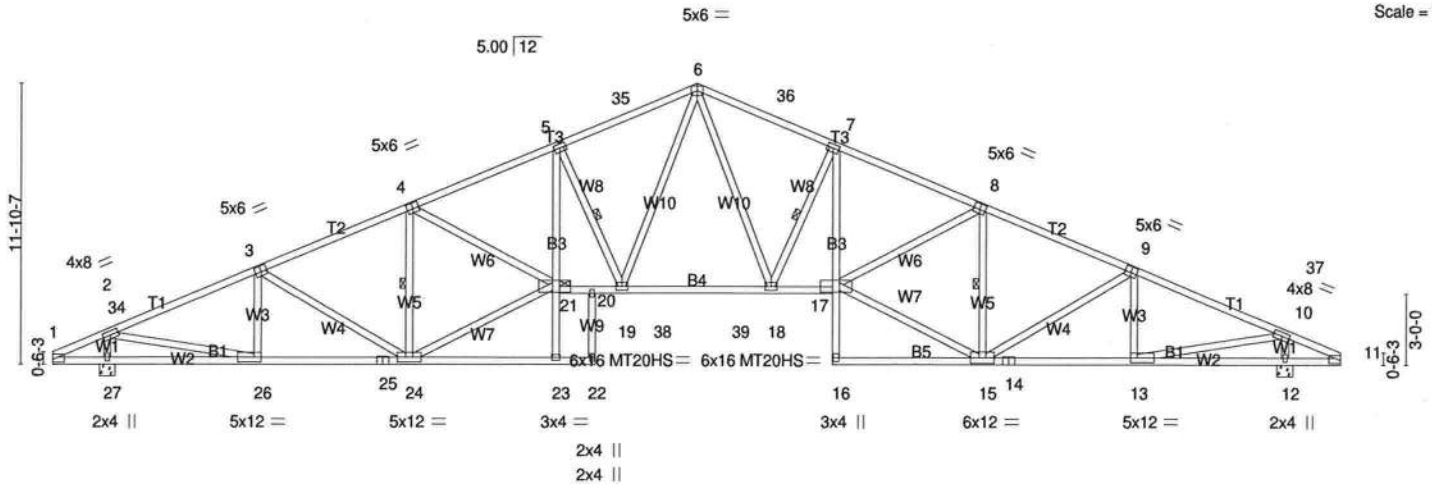

2-0-0	8-8-11	15-1-5	21-5-8	22-11-8	30-5-4	33-0-1	39-4-11	45-9-5	52-2-0	54-6-0
2-0-0	6-4-11	6-4-11	6-4-3	1-5-8	6-4-8	1-5-9	6-4-3	6-4-11	6-4-11	2-0-0
0-4-0										

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [17:0-9-12,0-4-12], [21:0-9-0,0-5-0], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	1.00	Vert(LL)	-0.39	18-19	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.91	18-19	>658	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	17-18	>999	240	Weight: 358 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1D
WEBS 2x4 SP No.3 *Except*
W2,W7,W6: 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-4-7 oc bracing.
WEBS 1 Row at midpt 4-24, 8-15, 7-18, 5-19
JOINTS 1 Brace at Jt(s): 21

REACTIONS. (lb/size) 27=2453/0-8-0 (min. 0-2-14), 12=2453/0-8-0 (min. 0-2-14)
Max Horz 27=-256(LC 10)
Max Uplift27=-550(LC 12), 12=-483(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-3600/779, 3-34=-3512/798, 3-4=-3638/889, 4-5=-4869/1139, 5-35=-4139/1051, 6-35=-4054/1061, 6-36=-4070/1063, 7-36=-4155/1053, 7-8=-4914/1152, 8-9=-3636/888, 9-37=-3513/799, 10-37=-3601/780
BOT CHORD 26-27=-210/350, 25-26=-636/3253, 24-25=-636/3253, 5-21=-226/1340, 20-21=-741/4417, 19-20=-738/4415, 19-38=-439/3240, 38-39=-439/3240, 18-39=-439/3240, 17-18=-755/4474, 7-17=-254/1424, 14-15=-636/3254, 13-14=-636/3254
WEBS 2-27=-2315/706, 2-26=-731/3214, 3-26=-482/221, 4-24=-1522/359, 21-24=-666/3592, 4-21=-147/1273, 6-19=-329/1481, 6-18=-334/1484, 15-17=-679/3660, 8-17=-162/1322, 8-15=-1564/371, 9-13=-479/219, 10-13=-732/3216, 10-12=-2316/707, 7-18=-1717/474, 5-19=-1637/448

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 27=550, 12=483.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A26	Roof Special	6	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:12 2018 Page 1

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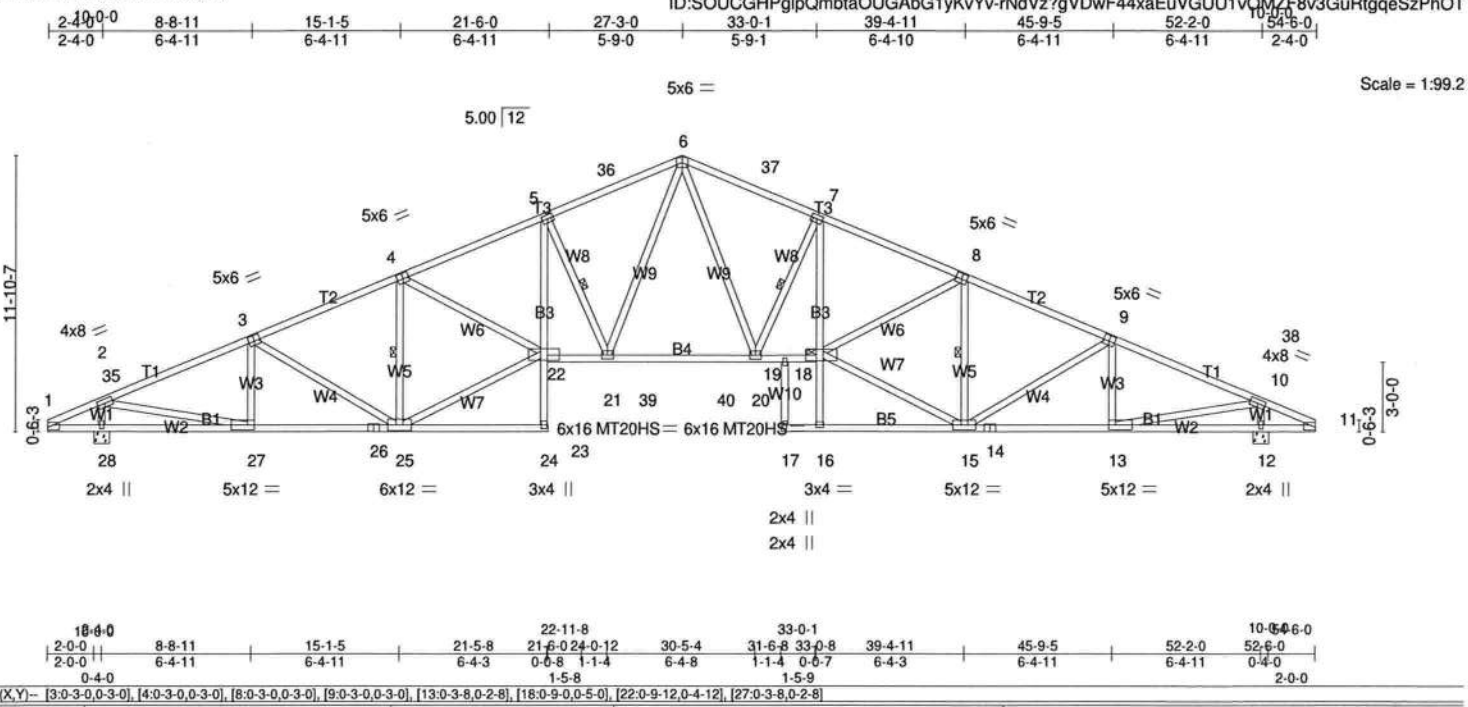


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [13:0-3-8,0-2-8], [18:0-9-0,0-5-0], [22:0-9-12,0-4-12], [27:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	1.00	Vert(LL)	-0.40	23	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.91	20-21	>657	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.42	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	23	>999	240	Weight: 359 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1D
WEBS 2x4 SP No.3 *Except*
W2,W7,W6: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 7-4-8 oc bracing. Except:
10-0-0 oc bracing: 22-24
WEBS 1 Row at midpt 4-25, 8-15, 5-21, 7-20
JOINTS 1 Brace at Jt(s): 18

REACTIONS. (lb/size) 28=2455/0-8-0 (min. 0-2-14), 12=2454/0-8-0 (min. 0-2-14)
Max Horz 28=256(LC 11)
Max Uplift28=-549(LC 12), 12=-482(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-35=-3605/777, 3-35=-3518/796, 3-4=-3640/885, 4-5=-4921/1147, 5-36=-4161/1049, 6-36=-4076/1059, 6-37=-4058/1058, 7-37=-4143/1048, 7-8=-4874/1136, 8-9=-3641/887, 9-38=-3515/796, 10-38=-3602/778
BOT CHORD 27-28=-210/349, 26-27=-634/3258, 25-26=-634/3258, 5-22=-251/1428, 21-22=-751/4480, 21-39=-437/3244, 39-40=-437/3244, 20-40=-437/3244, 19-20=-735/4420, 18-19=-738/4421, 7-18=-225/1341, 14-15=-634/3255, 13-14=-634/3255
WEBS 2-28=-2319/705, 2-27=-729/3220, 3-27=-478/219, 4-25=-1566/370, 22-25=-678/3656, 4-22=-160/1325, 6-21=-332/1525, 6-20=-329/1447, 15-18=-665/3595, 8-18=-145/1275, 8-15=-1523/358, 9-13=-482/221, 10-13=-729/3216, 10-12=-2316/705, 5-21=-1720/471, 7-20=-1638/447

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 28=549, 12=482.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A27	Roof Special	7	1	Job Reference (optional)

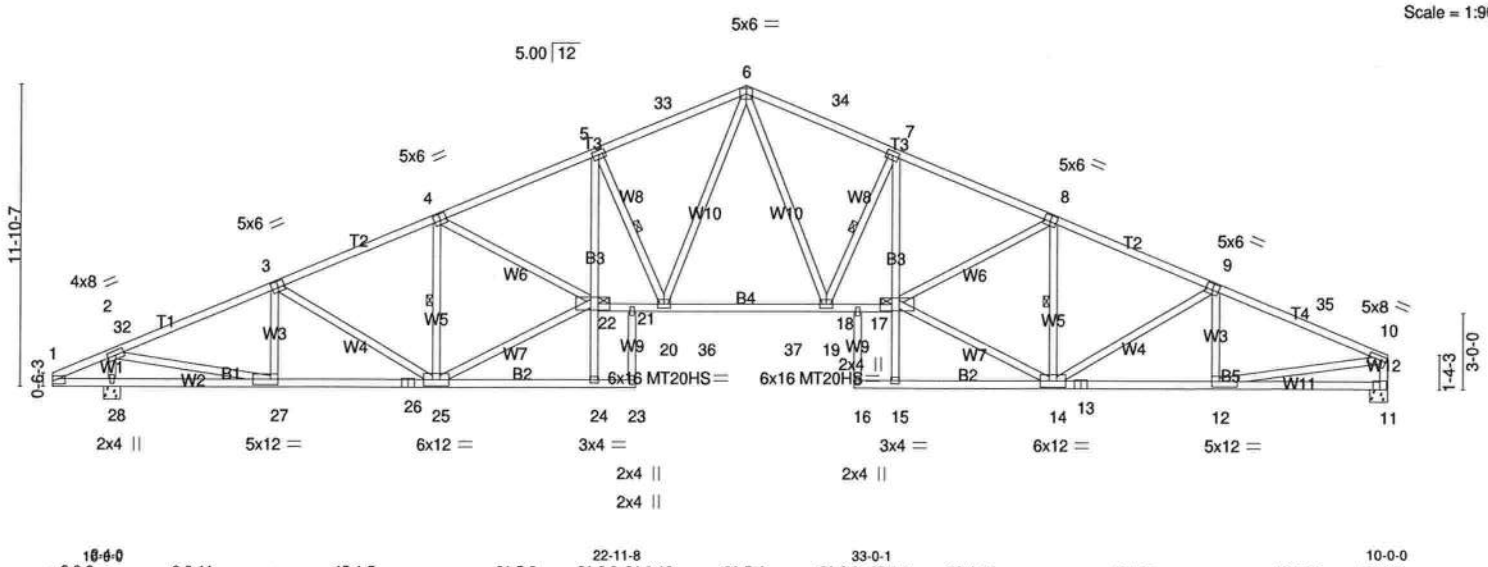
DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:17 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-CLQO0ike2StMBiSBg2sfB5cHHaz1aKRda9NbJfzPhOO

2-4-0	8-8-11	15-1-5	21-6-0	27-3-0	33-0-1	39-4-11	45-9-5	52-2-0	52-6-0
2-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	0-4-0

Scale = 1:90.8



2-0-0	8-8-11	15-1-5	21-5-8	21-6-0	24-0-12	30-5-4	31-6-8	33-0-1	39-4-11	45-9-5	52-2-0	52-6-0
2-0-0	6-4-11		6-4-3	0-0-8	1-1-4	6-4-8	1-1-4	0-0-7	6-4-3	6-4-11	6-4-11	0-4-0
0-4-0				1-5-8				1-5-9				

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [10:0-2-12,0-2-0], [12:0-3-8,0-2-8], [17:0-9-0,0-5-0], [22:0-9-0,0-5-0], [27:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.86	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.90	19-20	>668	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.41	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	19-20	>999	240	Weight: 359 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.2D, T4: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W2,W7,W6,W11: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-7 oc bracing.
WEBS 1 Row at midpt 4-25, 8-14, 5-20, 7-19
JOINTS 1 Brace at Jt(s): 22, 17

REACTIONS. (lb/size) 28=2466/0-8-0 (min. 0-2-15), 11=2246/0-8-0 (min. 0-1-13)
Max Horz 28=248(LC 11)
Max Uplift28=-552(LC 12), 11=-443(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-32=-3624/788, 3-32=-3536/807, 3-4=-3667/899, 4-5=-4915/1178, 5-33=-4186/1085, 6-33=-4101/1094, 6-34=-4114/1109, 7-34=-4199/1099, 7-8=-4944/1201, 8-9=-3721/937, 9-35=-3686/888, 10-35=-3770/875, 10-11=-2174/582
BOT CHORD 27-28=-202/338, 26-27=-684/3275, 25-26=-684/3275, 5-22=-239/1335, 21-22=-819/4456, 20-21=-816/4457, 20-36=-509/3276, 36-37=-509/3276, 19-37=-509/3276, 18-19=-817/4483, 17-18=-820/4483, 7-17=-256/1373, 13-14=-748/3412, 12-13=-748/3412
WEBS 2-28=-2328/711, 2-27=-739/3236, 3-27=-486/222, 4-25=-1537/385, 22-25=-722/3620, 4-22=-178/1291, 6-20=-339/1499, 6-19=-351/1496, 14-17=-741/3673, 8-17=-166/1268, 8-14=-1510/370, 9-12=-421/201, 5-20=-1631/459, 7-19=-1667/471, 10-12=-677/3233

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 28=552, 11=443.

LOAD CASE(S) Standard

ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A27A	Roof Special	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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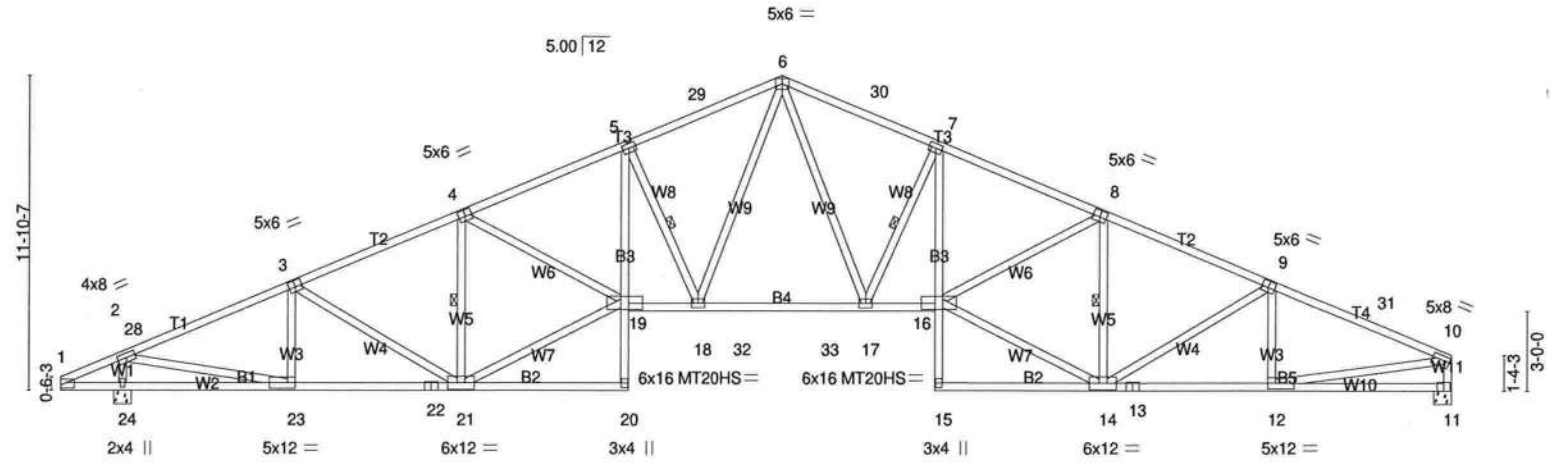
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-ZJDH3Pons_VfHUL9TbSqu8J8?bhiFZQNkQbM_szPhOJ

2-4-0	8-8-11	15-1-5	21-6-0	27-3-0	33-0-1	39-4-11	45-9-5	52-2-0	52-6-0
2-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	0-4-0

Scale = 1:87.0



2-0-0	8-8-11	15-1-5	21-5-8	21-6-0	24-0-12	30-5-4	31-6-8	33-0-8	39-4-11	45-9-5	52-2-0	52-6-0
2-0-0	6-4-11	6-4-11	6-4-3	0-0-8	1-1-4	6-4-8	1-1-4	1-5-9	6-4-3	6-4-11	6-4-11	0-4-0
0-4-0				1-5-8				0-0-7				

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [10:0-2-12,0-2-0], [12:0-3-8,0-2-8], [16:0-9-12,0-4-12], [19:0-9-12,0-4-12], [23:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.86	Vert(LL)	-0.38	16-17	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.86	16-17	>701	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.41	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	16	>999	240	Weight: 346 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.2D, T4: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W2,W7,W6,W10: 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-8 oc bracing.
WEBS 1 Row at midpt 4-21, 8-14, 5-18, 7-17

REACTIONS. (lb/size) 24=2466/0-8-0 (min. 0-2-15), 11=2246/0-8-0 (min. 0-1-13)
Max Horz 24=248(LC 11)
Max Uplift24=-552(LC 12), 11=-443(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-28=-3625/788, 3-28=-3537/807, 3-4=-3665/898, 4-5=-4961/1193, 5-29=-4194/1086, 6-29=-4109/1095, 6-30=-4122/1110, 7-30=-4207/1100, 7-8=-4990/1215, 8-9=-3719/935, 9-31=-3687/889, 10-31=-3771/876, 10-11=-2174/582
BOT CHORD 23-24=-202/338, 22-23=-684/3276, 21-22=-684/3276, 5-19=-272/1443, 18-19=-834/4518, 18-32=-509/3282, 32-33=-509/3282, 17-33=-509/3282, 16-17=-835/4545, 7-16=-288/1481, 13-14=-748/3413, 12-13=-748/3413
WEBS 2-24=-2329/712, 2-23=-740/3237, 3-23=-483/220, 4-21=-1581/399, 19-21=-736/3691, 4-19=-194/1341, 6-18=-340/1504, 6-17=-352/1501, 14-16=-756/3745, 8-16=-182/1318, 8-14=-1553/384, 9-12=-419/199, 5-18=-1734/490, 7-17=-1770/502, 10-12=-679/3234

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 24=552, 11=443.

LOAD CASE(S) Standard

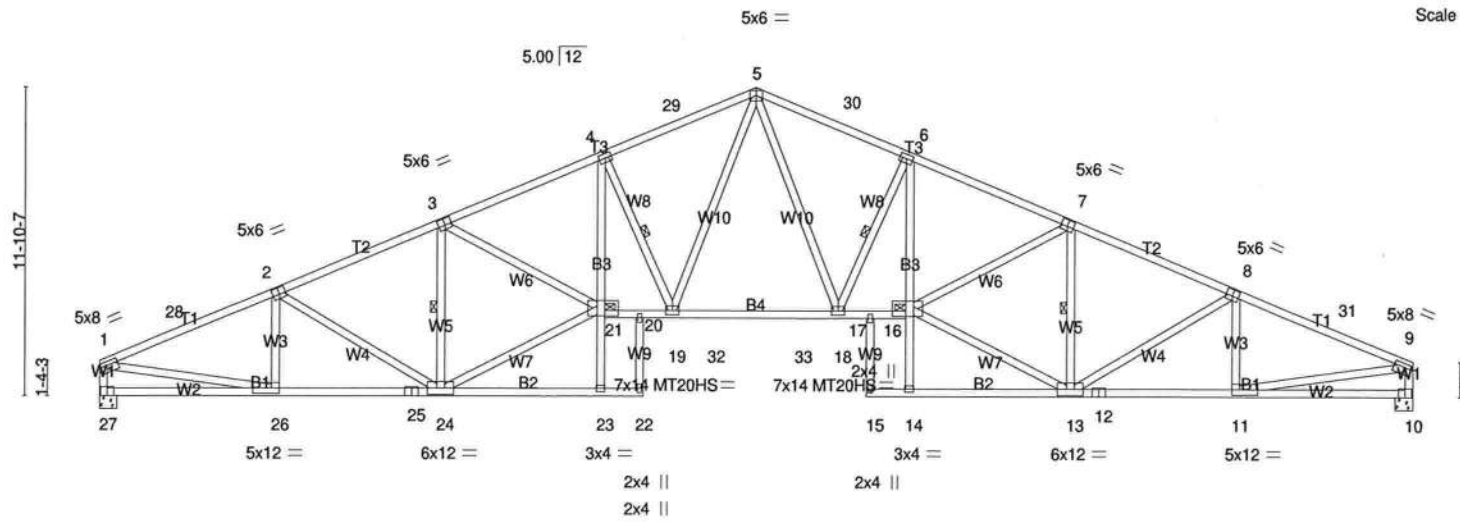
ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A28	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:27 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-vG1A67rwhX8yOFD6G82?bC0_acNFwqq6uiq7g4zPhOE

10-0-0	6-8-11	13-1-5	19-6-0	25-3-0	31-0-1	37-4-11	43-9-5	50-2-0	50-6-0
0-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	0-4-0

Scale = 1:88.8



10-0-0	6-8-11	13-1-5	19-5-8	20-11-8	22-0-12	28-5-4	29-6-8	31-0-1	37-4-11	43-9-5	50-2-0	50-6-0
0-4-0	6-4-11	6-4-11	6-4-3	0-0-8	1-1-4	6-4-8	1-1-4	1-5-9	6-4-3	6-4-11	6-4-11	0-4-0
				1-5-8				0-0-7				

Plate Offsets (X,Y)-- [1:0-3-0,0-1-12], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-1-12], [11:0-3-8,0-2-8], [16:0-9-12,0-4-8], [21:0-9-12,0-4-8], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.87	Vert(LL)	-0.39	18-19	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.91	18-19	>659	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.42	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	18-19	>999	240	Weight: 353 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D *Except*
T1: 2x4 SP No.1, T2: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-8-15 oc bracing.
WEBS 1 Row at midpt 3-24, 7-13, 4-19, 6-18
JOINTS 1 Brace at Jt(s): 21, 16

REACTIONS. (lb/size) 27=2259/0-8-0 (min. 0-1-13), 10=2259/0-8-0 (min. 0-1-13)
Max Horz 27=-274(LC 10)
Max Uplift27=-446(LC 12), 10=-447(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-28=-3795/881, 2-28=-3710/894, 2-3=-3750/946, 3-4=-4990/1217, 4-29=-4243/1114, 5-29=-4158/1124, 5-30=-4158/1126, 6-30=-4243/1117, 6-7=-4990/1220, 7-8=-3750/948, 8-31=-3710/898, 9-31=-3795/885, 9-10=-2187/587, 1-27=-2187/587
BOT CHORD 26-27=-147/394, 25-26=-753/3435, 24-25=-753/3435, 4-21=-257/1379, 20-21=-847/4526, 19-20=-844/4526, 19-32=-524/3315, 32-33=-524/3315, 18-33=-524/3315, 17-18=-841/4526, 16-17=-843/4526, 6-16=-258/1379, 12-13=-757/3435, 11-12=-757/3435
WEBS 2-26=-425/204, 3-24=-1525/379, 21-24=-755/3702, 3-21=-176/1286, 5-19=-355/1532, 5-18=-353/1499, 13-16=-753/3702, 7-16=-176/1286, 7-13=-1525/379, 8-11=-425/203, 4-19=-1673/476, 6-18=-1673/475, 9-11=-690/3255, 1-26=-692/3255

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Bearing at joint(s) 27, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 27=446, 10=447.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
2. DESIGN THIS TRUSS TO TRANSFER 8.5K (ULT.) WIND LOAD FROM ROOF DIAPHRAGM TO TRUSS BOTTOM CHORD PER NOTE 25.
3. VERIFY TRUSS LENGTH ALLOWS FOR ADDITIONAL TRUSS (PARALLEL) AT LEFT END BEARING. SEE NOTE ON PLAN OF THIS SUBMITTAL.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A29	Roof Special	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:32 2018 Page 1
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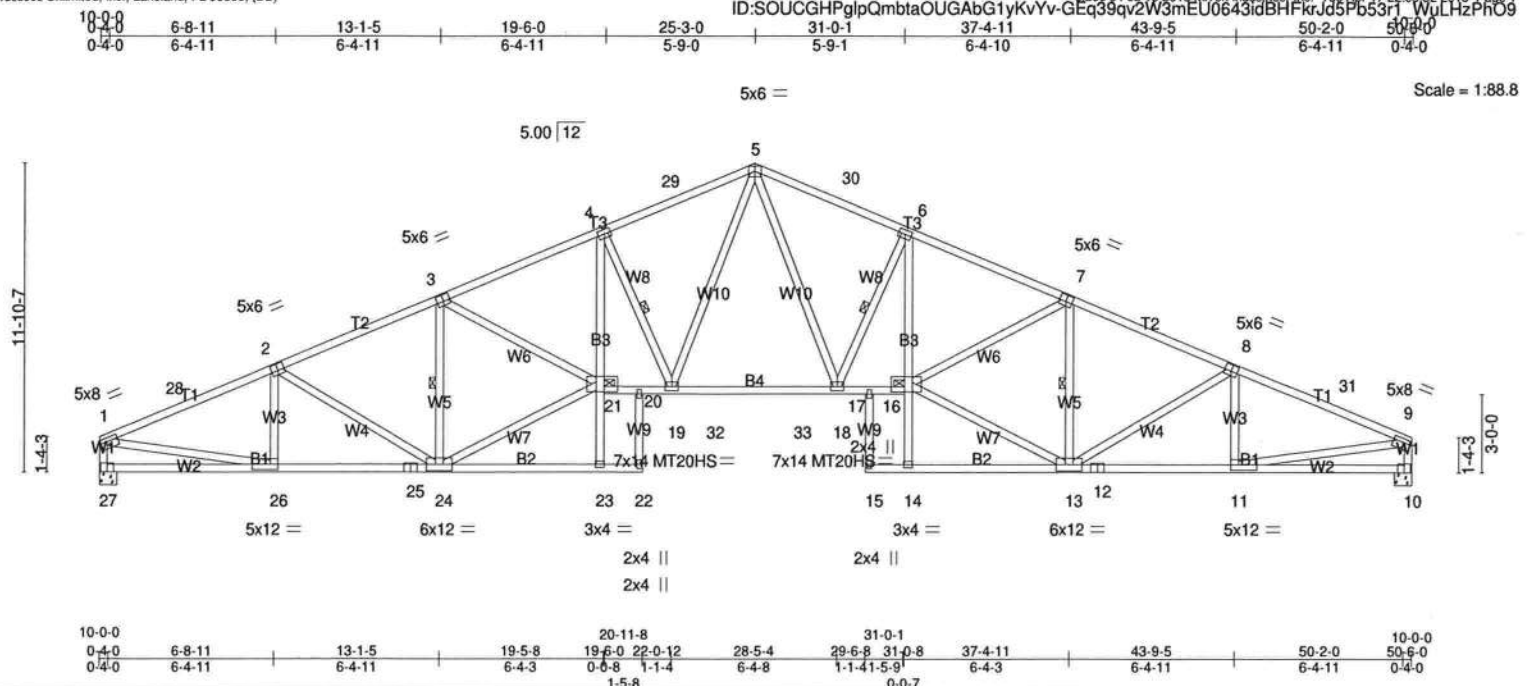

Plate Offsets (X,Y)-- [1:0-3-0,0-1-12], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-1-12], [11:0-3-8,0-2-8], [16:0-9-12,0-4-8], [21:0-9-12,0-4-8], [26:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.87	Vert(LL)	-0.39	18-19	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.91	18-19	>659	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.42	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	18-19	>999	240	Weight: 353 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D *Except*
T1: 2x4 SP No.1, T2: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-8-15 oc bracing.
WEBS 1 Row at midpt 3-24, 7-13, 4-19, 6-18
JOINTS 1 Brace at Jt(s): 21, 16

REACTIONS. (lb/size) 27=2259/0-8-0 (min. 0-1-13), 10=2259/0-8-0 (min. 0-1-13)
Max Horz 27=-274(LC 10)
Max Uplift27=-446(LC 12), 10=-447(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-28=-3795/881, 2-28=-3710/894, 2-3=-3750/946, 3-4=-4990/1217, 4-29=-4243/1114, 5-29=-4158/1124, 5-30=-4158/1126, 6-30=-4243/1117, 6-7=-4990/1220, 7-8=-3750/948, 8-31=-3710/898, 9-31=-3795/885, 9-10=-2187/587, 1-27=-2187/587
BOT CHORD 26-27=-147/394, 25-26=-753/3435, 24-25=-753/3435, 4-21=-257/1379, 20-21=-847/4526, 19-20=-844/4526, 19-32=-524/3315, 32-33=-524/3315, 18-33=-524/3315, 17-18=-841/4526, 16-17=-843/4526, 6-16=-258/1379, 12-13=-757/3435, 11-12=-757/3435
WEBS 2-26=-425/204, 3-24=-1525/379, 21-24=-755/3702, 3-21=-176/1286, 5-19=-355/1532, 5-18=-353/1499, 13-16=-753/3702, 7-16=-176/1286, 7-13=-1525/379, 8-11=-425/203, 4-19=-1673/476, 6-18=-1673/475, 9-11=-690/3255, 1-26=-692/3255

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Bearing at joint(s) 27, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 27=446, 10=447.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
2. VERIFY TRUSS LENGTH ALLOWS FOR ADDITIONAL TRUSS (PARALLEL) AT LEFT END BEARING SEE NOTE ON PLAN OF THIS SUBMITTAL.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A30	Roof Special	12	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:37 2018 Page 1

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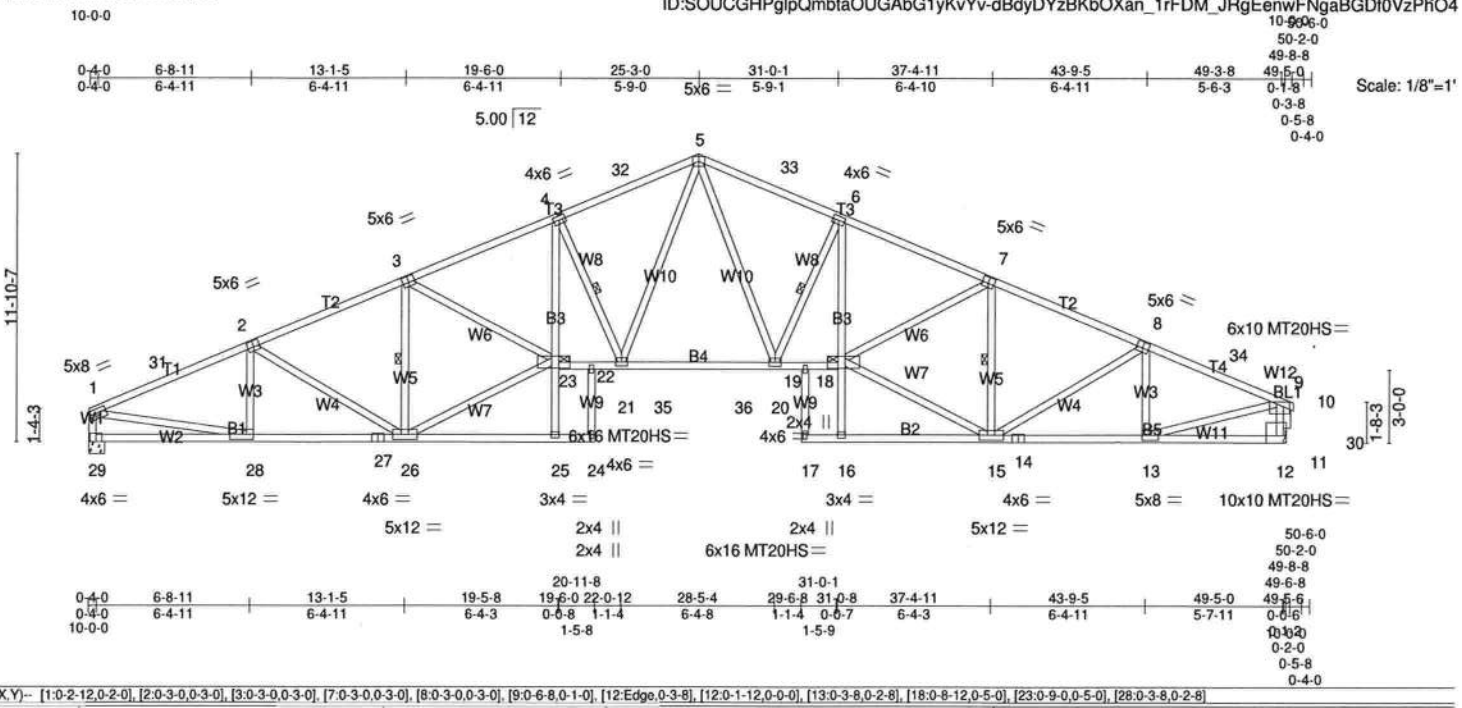


Plate Offsets (X,Y)-- [1:0-2-12,0-2-0], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-6-8,0-1-0], [12:Edge,0-3-8], [12:0-1-12,0-0-0], [13:0-3-8,0-2-8], [18:0-8-12,0-5-0], [23:0-9-0,0-5-0], [28:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.99	Vert(LL)	-0.38	20-21	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.88	20-21	>669	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.41	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.36	20-21	>999	240	Weight: 351 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T1: 2x4 SP No.2D
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.1D
WEBS 2x4 SP No.3 *Except*
W7,W6,W2,W11: 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-26, 7-15, 4-21, 6-20
JOINTS 1 Brace at Jt(s): 23, 18

REACTIONS. (lb/size) 29=2210/0-8-0 (min. 0-1-12), 12=2256/Mechanical
Max Horz 29=-273(LC 10)
Max Uplift29=-436(LC 12), 12=-458(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-31=-3704/861, 2-31=-3620/873, 2-3=-3644/921, 3-4=-4818/1183, 4-32=-4082/1081, 5-32=-3997/1091, 5-33=-3950/1078, 6-33=-4035/1069, 6-7=-4713/1156, 7-8=-3445/874, 8-34=-3029/759, 9-34=-3169/749, 1-29=-2138/576, 12-30=-2185/601, 9-30=-2162/590
BOT CHORD 28-29=-145/391, 27-28=-743/3351, 26-27=-743/3351, 4-23=-254/1352, 22-23=-815/4368, 21-22=-812/4368, 21-35=-502/3172, 35-36=-502/3172, 20-36=-502/3172, 19-20=-797/4271, 18-19=-800/4271, 6-18=-222/1213, 14-15=-622/2867, 13-14=-622/2867
WEBS 2-28=-411/201, 3-26=-1467/367, 23-26=-736/3593, 3-23=-162/1217, 5-21=-352/1521, 5-20=-324/1372, 15-18=-692/3396, 7-18=-186/1309, 7-15=-1560/396, 8-15=-6/317, 8-13=-665/242, 4-21=-1649/472, 6-20=-1518/442, 1-28=-673/3173, 9-13=-645/3045

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 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) * 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) Bearing at joint(s) 29 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 29=436, 12=458.

LOAD CASE(S) Standard

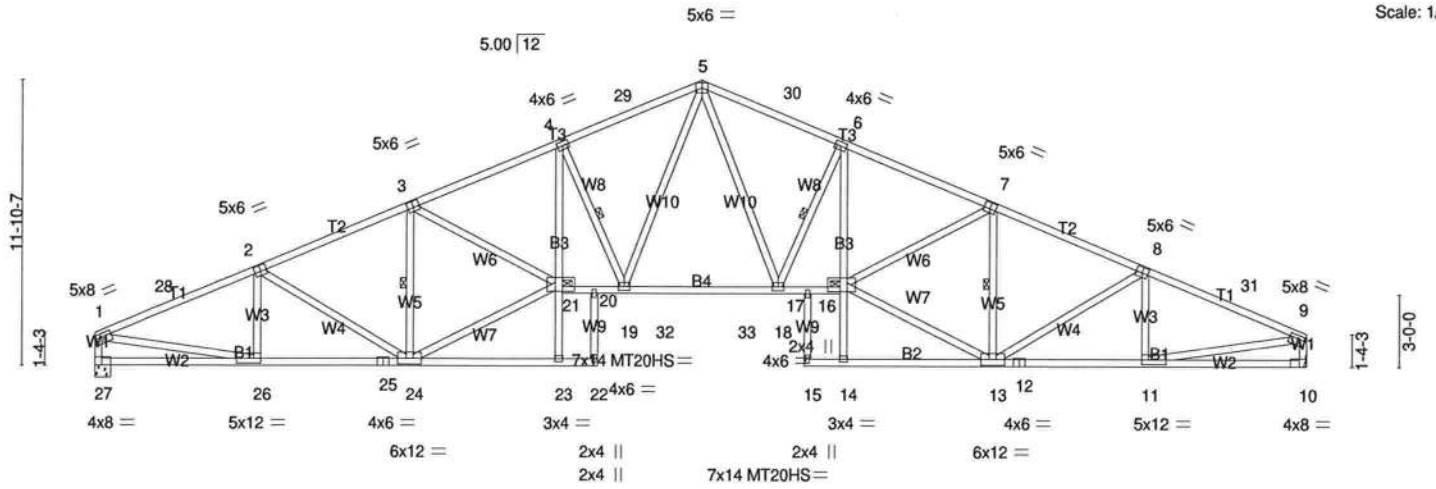
1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
2. VERIFY TRUSS LENGTH ALLOWS FOR ADDITIONAL TRUSS (PARALLEL) AT LEFT END BEARING. SEE NOTE ON PLAN OF THIS SUBMITTAL.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A31	Roof Special	8	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:41 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-VztT2v0iOquz3Olo45II99bO2F9WB9HA6uBs9GzPhO0

10-0-0									
0-4-0	6-8-11	13-1-5	19-6-0	25-3-0	31-0-1	37-4-11	43-9-5	50-2-0	10-0-0
0-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	0-4-0

Scale: 1/8"=1'



10-0-0												
0-4-0	6-8-11	13-1-5	19-5-8	19-6-0	20-11-8 22-0-12	28-5-4	29-6-8	31-0-1 31-0-8	37-4-11	43-9-5	50-2-0	10-0-0 50-6-0
0-4-0	6-4-11	6-4-11	6-4-3	0-0-8	1-1-4	6-4-8	1-1-4	0-0-7	6-4-3	6-4-11	6-4-11	0-4-0
				1-5-8			1-5-9					

Plate Offsets (X,Y)-- [1:0-3-0,0-1-12], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-1-12], [10:0-4-8,0-0-0], [11:0-3-8,0-2-8], [16:0-9-12,0-4-8], [21:0-9-12,0-4-8], [26:0-3-8,0-2-8], [27:0-4-8,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.87	Vert(LL)	-0.39	18-19	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.91	18-19	>659	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.42	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	18-19	>999	240	Weight: 353 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D *Except*
T1: 2x4 SP No.1, T2: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-8-15 oc bracing.
WEBS 1 Row at midpt 3-24, 7-13, 4-19, 6-18
JOINTS 1 Brace at Jt(s): 21, 16

REACTIONS. (lb/size) 27=2259/0-8-0 (min. 0-1-13), 10=2259/Mechanical
Max Horz 27=-274(LC 10)
Max Uplift27=-446(LC 12), 10=-447(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-28=-3795/881, 2-28=-3710/894, 2-3=-3750/946, 3-4=-4990/1217, 4-29=-4243/1114, 5-29=-4158/1124, 5-30=-4158/1126, 6-30=-4243/1117, 6-7=-4990/1220, 7-8=-3750/948, 8-31=-3710/898, 9-31=-3795/885, 9-10=-2187/587, 1-27=-2187/587
BOT CHORD 26-27=-147/394, 25-26=-753/3435, 24-25=-753/3435, 4-21=-257/1379, 20-21=-847/4526, 19-20=-844/4526, 19-32=-524/3315, 32-33=-524/3315, 18-33=-524/3315, 17-18=-841/4526, 16-17=-843/4526, 6-16=-258/1379, 12-13=-757/3435, 11-12=-757/3435
WEBS 2-26=-425/204, 3-24=-1525/379, 21-24=-755/3702, 3-21=-176/1286, 5-19=-355/1532, 5-18=-353/1499, 13-16=-753/3702, 7-16=-176/1286, 7-13=-1525/379, 8-11=-425/203, 4-19=-1673/476, 6-18=-1673/475, 9-11=-690/3255, 1-26=-692/3255

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 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) * 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) Bearing at joint(s) 27 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide metal plate or equivalent at bearing(s) 10 to support reaction shown.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 27=446, 10=447.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
2. VERIFY TRUSS LENGTH ALLOWS FOR ADDITIONAL TRUSS (PARALLEL) AT LEFT END BEARING. SEE NOTE ON PLAN OF THIS SUBMITTAL.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A32	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:46 2018 Page 1
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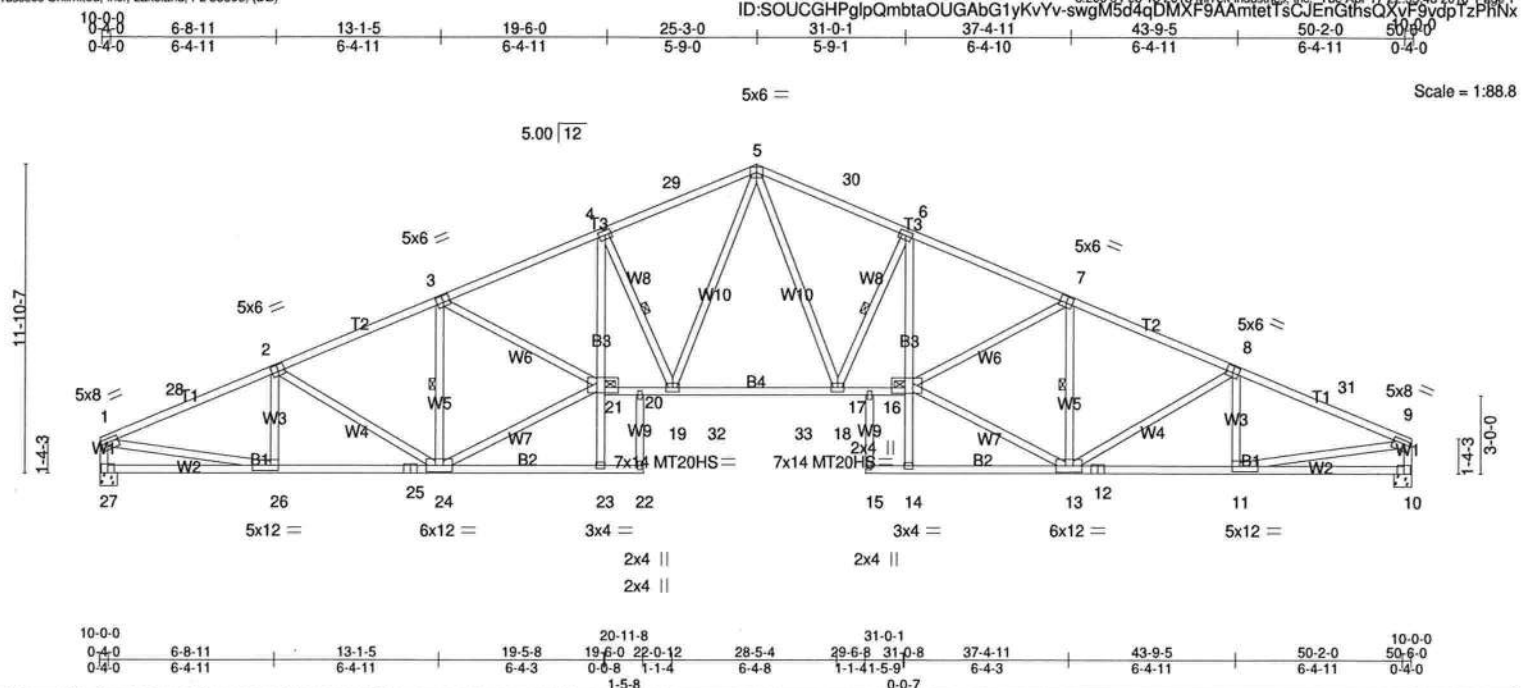

Plate Offsets (X,Y)-- [1:0-3-0,0-1-12], [2:0-3-0,0-3-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-1-12], [11:0-3-8,0-2-8], [16:0-9-12,0-4-8], [21:0-9-12,0-4-8], [26:0-3-8,0-2-8]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.87	Vert(LL) -0.39 18-19 >999 360	MT20 244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.95	Vert(CT) -0.91 18-19 >659 240	MT20HS 187/143
BCLL 0.0 *	Rep Stress Incr YES	WB 0.84	Horz(CT) 0.42 10 n/a n/a	
BCDL 10.0	Code FBC2017/TPI2014	Matrix-MS	Wind(LL) 0.37 18-19 >999 240	Weight: 353 lb FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D *Except*
T1: 2x4 SP No.1, T2: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W7,W6,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-8-15 oc bracing.
WEBS 1 Row at midpt 3-24, 7-13, 4-19, 6-18
JOINTS 1 Brace at Jt(s): 21, 16

REACTIONS. (lb/size) 27=2259/0-8-0 (min. 0-1-13), 10=2259/0-8-0 (min. 0-1-13)
Max Horz 27=-274(LC 10)
Max Uplift27=-446(LC 12), 10=-447(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-28=-3795/881, 2-28=-3710/894, 2-3=-3750/946, 3-4=-4990/1217, 4-29=-4243/1114, 5-29=-4158/1124, 5-30=-4158/1126, 6-30=-4242/1117, 6-7=-4990/1220, 7-8=-3750/948, 8-31=-3710/898, 9-31=-3795/885, 9-10=-2187/587, 1-27=-2187/587
BOT CHORD 26-27=-147/394, 25-26=-753/3435, 24-25=-753/3435, 4-21=-257/1379, 20-21=-847/4526, 19-20=-844/4526, 19-32=-524/3315, 32-33=-524/3315, 18-33=-524/3315, 17-18=-841/4526, 16-17=-843/4526, 6-16=-258/1379, 12-13=-757/3435, 11-12=-757/3435
WEBS 2-26=-425/204, 3-24=-1525/379, 21-24=-755/3702, 3-21=-176/1286, 5-19=-355/1532, 5-18=-353/1499, 13-16=-753/3702, 7-16=-176/1286, 7-13=-1525/379, 8-11=-425/203, 4-19=-1673/476, 6-18=-1673/475, 9-11=-690/3255, 1-26=-692/3255

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 2-1-12 to 5-1-12, Interior(1) 5-1-12 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Bearing at joint(s) 27, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 27=446, 10=447.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
2. VERIFY TRUSS LENGTH ALLOWS FOR ADDITIONAL TRUSS (PARALLEL) AT LEFT END BEARIN SEE NOTE ON PLAN OF THIS SUBMITTAL.
3. DESIGN THIS TRUSS TO TRANSFER 8.5k (ULT.) FROM ROOF DIAPHRAGM TO TRUSS BOTT. CHORD PER NOTE 25 ON S3.0.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A33	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:50 2018 Page 1
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2-4-0	8-8-11	15-1-5	21-6-0	27-3-0	33-0-1	39-4-11	45-9-5	52-2-0	52-6-0
2-4-0	6-4-11	6-4-11	6-4-11	5-9-0	5-9-1	6-4-10	6-4-11	6-4-11	0-4-0

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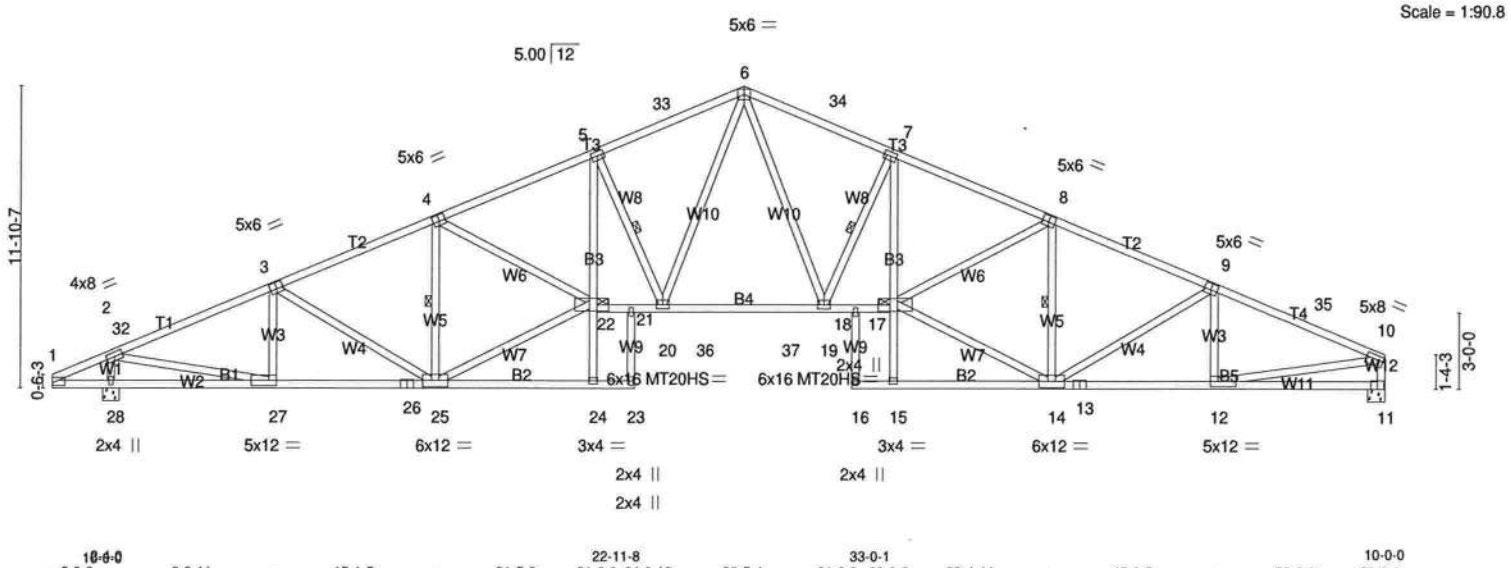

2-0-0	8-8-11	15-1-5	21-5-8	21-6-0	24-0-12	30-5-4	31-6-8	33-0-8	39-4-11	45-9-5	52-2-0	52-6-0
2-0-0	6-4-11	6-4-11	6-4-3	0-0-8	1-1-4	6-4-8	1-1-4	0-0-7	6-4-3	6-4-11	6-4-11	0-4-0
0-4-0				1-5-8				1-5-9				

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-3-0,0-3-0], [10:0-2-12,0-2-0], [12:0-3-8,0-2-8], [17:0-9-0,0-5-0], [22:0-9-0,0-5-0], [27:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.86	Vert(LL)	-0.39	19-20	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.90	19-20	>668	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.41	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	19-20	>999	240	Weight: 359 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.2D, T4: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
W2,W7,W6,W11: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-7 oc bracing.
WEBS 1 Row at midpt 4-25, 8-14, 5-20, 7-19
JOINTS 1 Brace at Jt(s): 22, 17

REACTIONS. (lb/size) 28=2466/0-8-0 (min. 0-2-15), 11=2246/0-8-0 (min. 0-1-13)
Max Horz 28=248(LC 11)
Max Uplift28=-552(LC 12), 11=-443(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-32=-3624/788, 3-32=-3536/807, 3-4=-3667/899, 4-5=-4915/1178, 5-33=-4186/1085, 6-33=-4101/1094, 6-34=-4114/1109, 7-34=-4199/1099, 7-8=-4944/1201, 8-9=-3721/937, 9-35=-3686/888, 10-35=-3770/875, 10-11=-2174/582
BOT CHORD 27-28=-202/338, 26-27=-684/3275, 25-26=-684/3275, 5-22=-239/1335, 21-22=-819/4456, 20-21=-816/4457, 20-36=-509/3276, 36-37=-509/3276, 19-37=-509/3276, 18-19=-817/4483, 17-18=-820/4483, 7-17=-256/1373, 13-14=-748/3412, 12-13=-748/3412
WEBS 2-28=-2328/711, 2-27=-739/3236, 3-27=-486/222, 4-25=-1537/385, 22-25=-722/3620, 4-22=-178/1291, 6-20=-339/1499, 6-19=-351/1496, 14-17=-741/3673, 8-17=-166/1268, 8-14=-1510/370, 9-12=-421/201, 5-20=-1631/459, 7-19=-1667/471, 10-12=-677/3233

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 27-3-0, Exterior(2) 27-3-0 to 30-3-0 zone; cantilever left and right exposed ; end vertical 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 MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 28=552, 11=443.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A34	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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9-6-12

12-7-0

12-7-0

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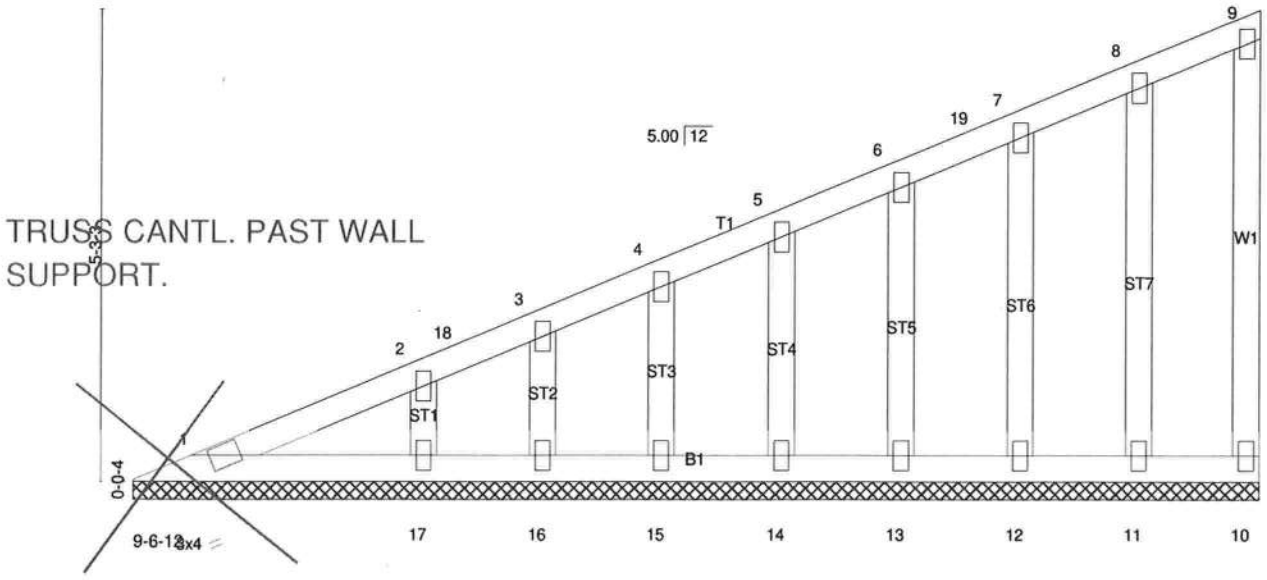


LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.08	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.05	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.07	Horz(CT) -0.00 10 n/a n/a	
BCDL 10.0	Code FBC2017/TPI2014	Matrix-S		Weight: 71 lb FT = 20%

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

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.

REACTIONS. All bearings 12-7-0.
(lb) - Max Horz 1=187(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 10, 11, 12, 13, 14, 15, 16, 17
Max Grav All reactions 250 lb or less at joint(s) 1, 10, 11, 12, 13, 14, 15, 16, 17

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-341/120, 2-18=-274/69, 3-18=-272/82

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-8-2 to 3-8-2, Exterior(2) 3-8-2 to 12-5-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 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) 10, 11, 12, 13, 14, 15, 16, 17.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
2. TRUSS VERTICAL MEMBERS MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS.

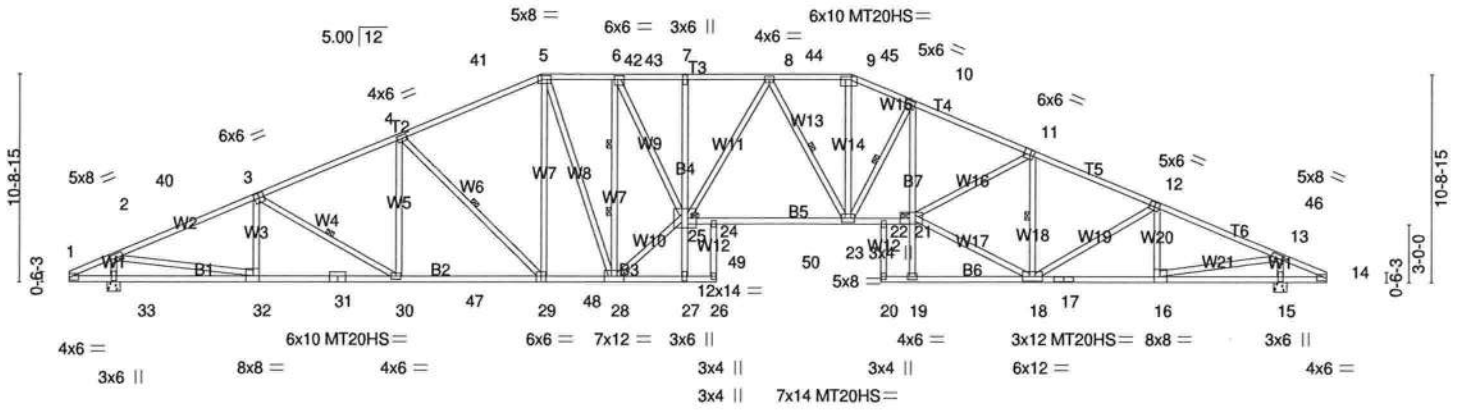
Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A35	Roof Special	6	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:35:59 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-zQzHq3E_9MAPDAgG8tcWuyLRtVH2PHCpEhYpnDzPhNk

2-4-0	9-8-13	17-1-11	24-6-8	28-3-12	32-1-0	36-3-12	40-6-8	43-7-0	49-11-11	56-4-5	62-9-0	65-1-0
2-4-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	4-2-12	4-2-12	3-0-8	6-4-11	6-4-11	6-4-11	2-4-0

Scale = 1:119.4



2-0-0	9-8-13	17-1-11	24-6-8	28-3-12	32-1-0	33-7-0	40-6-8	42-1-0	43-7-0	49-11-11	56-4-5	62-9-0	63-1-0	65-1-0
2-0-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	1-6-0	6-11-8	1-6-8	1-6-0	6-4-11	6-4-11	6-4-11	0-4-0	2-0-0
0-4-0														

Plate Offsets (X,Y)-- [5:0-5-12,0-2-8], [6:0-2-0,0-2-8], [9:0-6-8,0-2-0], [11:0-2-4,Edge], [12:0-3-0,0-3-0], [16:0-3-8,Edge], [21:0-9-8,0-5-4], [25:0-5-8,0-6-0], [29:0-3-0,Edge], [32:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.93	Vert(LL)	-0.63	23-24	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-1.46	23-24	>497	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.59	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.57	23-24	>999	240	Weight: 462 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP M 31, T4,T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3, B5: 2x4 SP M 31, B6: 2x4 SP No.2D, B2: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W9,W21: 2x4 SP No.2, W7: 2x4 SP M 31, W10: 2x4 SP No.1, W17,W16: 2x4 SP No.2D

BRACING-
TOP CHORD Structural wood sheathing directly applied, except
2-0-0 oc purlins (2-2-0 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except:
6-0-0 oc bracing: 7-25
10-0-0 oc bracing: 25-27
WEBS 1 Row at midpt 3-30, 4-29, 8-23, 10-23, 11-18
2 Rows at 1/3 pts 6-28
JOINTS 1 Brace at Jt(s): 25, 21

REACTIONS. (lb/size) 33=2929/0-8-0 (min. 0-3-7), 15=2929/0-8-0 (min. 0-3-7)
Max Horz 33=231(LC 11)
Max Uplift33=-644(LC 12), 15=-577(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-40=-4598/1077, 3-40=-4580/1101, 3-4=-4601/1205, 4-41=-4067/1154, 5-41=-3948/1164, 5-42=-3837/1180, 6-42=-3837/1180, 6-43=-5478/1495, 7-43=-5478/1495, 7-44=-5492/1497, 8-44=-5492/1497, 8-45=-5118/1417, 9-45=-5118/1417, 9-10=-5557/1498, 10-11=-6481/1652, 11-12=-4654/1204, 12-46=-4362/1065, 13-46=-4451/1046
BOT CHORD 32-33=-142/394, 31-32=-910/4256, 30-31=-910/4256, 30-47=-882/4259, 29-47=-882/4259, 29-48=-709/3697, 28-48=-709/3697, 7-25=-269/138, 24-25=-1075/5389, 24-49=-1075/5389, 49-50=-1075/5389, 23-50=-1075/5389, 22-23=-1208/5882, 21-22=-1209/5876, 10-21=-290/1477, 17-18=-888/4041, 16-17=-888/4041
WEBS 2-33=-2781/869, 2-32=-962/4013, 3-32=-505/250, 4-30=0/310, 4-29=-791/244, 5-29=-95/764, 5-28=-175/743, 6-28=-3612/788, 25-28=-949/4978, 6-25=-732/3751, 8-25=-15/404, 8-23=-752/214, 9-23=-448/1893, 10-23=-1674/474, 18-21=-996/4599, 11-21=-342/1892, 11-18=-2055/537, 12-18=-20/293, 12-16=-631/264, 13-16=-960/3988, 13-15=-2781/844

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=8ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 24-6-8, Exterior(2) 24-6-8 to 43-8-12, Interior(1) 43-8-12 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 33=644, 15=577.
9) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. PORTION OF (1) A35 TRUSS MUST BE DESIGNED FOR AN ADDITIONAL UPLIFT LOAD OF -335 plf (ULT.) WINDLOAD. SEE PLAN ON THIS SUBMITTAL FOR EXTENTS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A35A	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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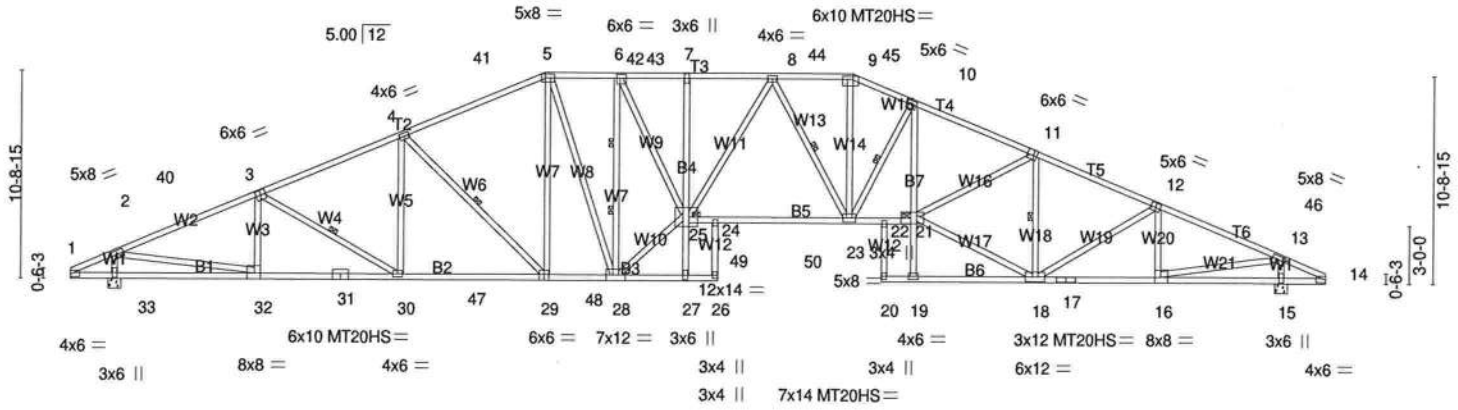
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-sBCngRHVCagrinz1NihS2oW7e7bL5BP9JW1w_zPhNg

2-4-0	9-8-13	17-1-11	24-6-8	28-3-12	32-1-0	36-3-12	40-6-8	43-7-0	49-11-11	56-4-5	62-9-0	65-1-0
2-4-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	4-2-12	4-2-12	3-0-8	6-4-11	6-4-11	6-4-11	2-4-0

Scale = 1:119.4



2-0-0	9-8-13	17-1-11	24-6-8	28-3-12	32-1-0	33-7-0	40-6-8	42-1-0	49-11-11	56-4-5	62-9-0	63-1-0
2-0-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	1-6-0	6-11-8	1-6-8	6-4-11	6-4-11	6-4-11	0-4-0

0-4-0 1-6-0 2-0-0

Plate Offsets (X,Y)-- [5:0-5-12,0-2-8], [6:0-2-0,0-2-8], [9:0-6-8,0-2-0], [11:0-2-4,Edge], [12:0-3-0,0-3-0], [16:0-3-8,Edge], [21:0-9-8,0-5-4], [25:0-5-8,0-6-0], [29:0-3-0,Edge], [32:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.93	Vert(LL)	-0.63	23-24	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-1.46	23-24	>497	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.59	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.57	23-24	>999	240	Weight: 462 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP M 31, T4,T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3, B5: 2x4 SP M 31, B6: 2x4 SP No.2D, B2: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W9,W21: 2x4 SP No.2, W7: 2x4 SP M 31, W10: 2x4 SP No.1, W17,W16: 2x4 SP No.2D

BRACING-

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (2-2-0 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except: 6-0-0 oc bracing: 7-25 10-0-0 oc bracing: 25-27
WEBS 1 Row at midpt 3-30, 4-29, 8-23, 10-23, 11-18; 2 Rows at 1/3 pts 6-28
JOINTS 1 Brace at Jt(s): 25, 21

REACTIONS. (lb/size) 33=2929/0-8-0 (min. 0-3-7), 15=2929/0-8-0 (min. 0-3-7)
Max Horz 33=231(LC 11)
Max Uplift33=-644(LC 12), 15=-577(LC 12)

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

TOP CHORD 2-40=-4598/1077, 3-40=-4580/1101, 3-4=-4601/1205, 4-41=-4067/1154, 5-41=-3948/1164, 5-42=-3837/1180, 6-42=-3837/1180, 6-43=-5478/1495, 7-43=-5478/1495, 7-44=-5492/1497, 8-44=-5492/1497, 8-45=-5118/1417, 9-45=-5118/1417, 9-10=-5557/1498, 10-11=-6481/1652, 11-12=-4654/1204, 12-46=-4362/1065, 13-46=-4451/1046
BOT CHORD 32-33=-142/394, 31-32=-910/4256, 30-31=-910/4256, 30-47=-882/4259, 29-47=-882/4259, 29-48=-709/3697, 28-48=-709/3697, 7-25=-269/138, 24-25=-1075/5389, 24-49=-1075/5389, 49-50=-1075/5389, 23-50=-1075/5389, 22-23=-1208/5882, 21-22=-1209/5876, 10-21=-290/1477, 17-18=-888/4041, 16-17=-888/4041
WEBS 2-33=-2781/869, 2-32=-962/4013, 3-32=-505/250, 4-30=0/310, 4-29=-791/244, 5-29=-95/764, 5-28=-175/743, 6-28=-3612/788, 25-28=-949/4978, 6-25=-732/3751, 8-25=-15/404, 8-23=-752/214, 9-23=-448/1893, 10-23=-1674/474, 18-21=-996/4599, 11-21=-342/1892, 11-18=-2055/537, 12-18=-20/293, 12-16=-631/264, 13-16=-960/3988, 13-15=-2781/844

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=8ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 24-6-8, Exterior(2) 24-6-8 to 43-8-12, Interior(1) 43-8-12 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 33=644, 15=577.
9) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. DESIGN THIS TRUSS FOR AN ADDITIONAL UPLIFT LOAD OF -335 PLF (ULT.) WIND LOAD ALONG ITS ENTIRE LENGTH.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A36	Roof Special	7	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-D9?gj8Ld17l7oYs_AGHdlrD_x8M60LL8JaEobCzPhNb

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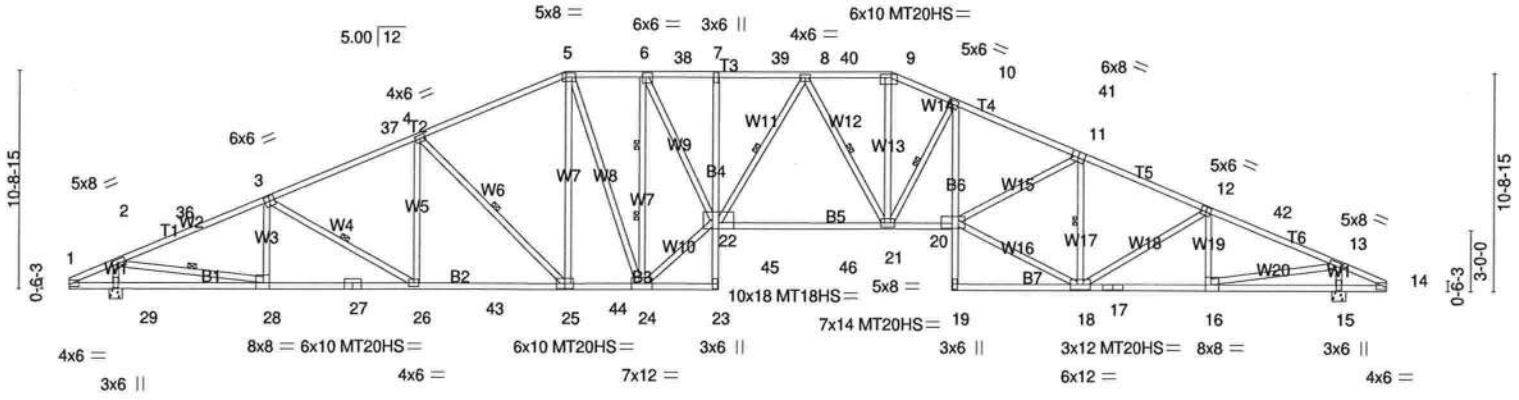
2-4-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	4-2-12	4-2-12	3-0-8	6-4-11	6-4-11	6-4-11	2-4-0

Scale = 1:113.8



2-0-0	9-8-13	17-1-11	24-6-8	28-3-12	32-1-0	40-6-8	43-7-0	49-11-11	56-4-5	62-9-0	63-1-0
2-0-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	8-5-8	3-0-8	6-4-11	6-4-11	6-4-11	0-4-0

0-4-0 2-0-0

Plate Offsets (X,Y)-- [5:0-5-12,0-2-8], [6:0-2-0,0-2-8], [9:0-6-8,0-2-0], [11:0-4-0,Edge], [12:0-3-0,0-3-0], [16:0-3-8,Edge], [20:0-10-0,0-5-0], [28:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.96	Vert(LL)	-0.63	21-22	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-1.45	21-22	>502	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.59	15	n/a	n/a	MT18HS	244/190
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.55	21-22	>999	240	Weight: 449 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP M 31, T4,T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B4,B6: 2x4 SP No.3, B5: 2x4 SP M 31, B2: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W9,W20: 2x4 SP No.2, W7: 2x4 SP M 31, W10,W16,W15: 2x4 SP No.2D

BRACING-

TOP CHORD Structural wood sheathing directly applied, except
2-0-0 oc purlins (2-2-0 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 2-28, 3-26, 4-25, 8-22, 8-21, 10-21, 11-18
2 Rows at 1/3 pts 6-24

REACTIONS. (lb/size) 29=2929/0-8-0 (min. 0-3-7), 15=2929/0-8-0 (min. 0-3-7)
Max Horz 29=-300(LC 10)
Max Uplift29=-644(LC 12), 15=-577(LC 12)

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

TOP CHORD 2-36=-4653/1242, 3-36=-4565/1254, 3-37=-4671/1386, 4-37=-4519/1389, 4-5=-4074/1327, 5-6=-3837/1333, 6-38=-5473/1707, 7-38=-5473/1707, 7-39=-5486/1708, 39-40=-5486/1708, 8-40=-5486/1708, 8-9=-5131/1613, 9-10=-5573/1714, 10-41=-6470/1930, 11-41=-6561/1912, 11-12=-4650/1376, 12-42=-4354/1209, 13-42=-4453/1199
BOT CHORD 28-29=-207/470, 27-28=-1068/4418, 26-27=-1068/4418, 26-43=-1071/4395, 25-43=-1071/4395, 25-44=-847/3789, 24-44=-847/3789, 7-22=-269/160, 22-45=-1237/5394, 45-46=-1237/5394, 21-46=-1237/5394, 20-21=-1455/5978, 10-20=-403/1632, 17-18=-1020/4042, 16-17=-1020/4042
WEBS 2-29=-2794/976, 2-28=-1090/4013, 3-28=-513/270, 4-26=0/311, 4-25=-855/316, 5-25=-149/803, 5-24=-225/745, 6-24=-3602/938, 22-24=-1128/5064, 6-22=-876/3740, 8-22=-49/374, 8-21=-735/280, 9-21=-545/1903, 10-21=-1825/647, 18-20=-1204/4717, 11-20=-433/2011, 11-18=-2129/660, 12-18=-52/289, 12-16=-626/285, 13-16=-1088/3991, 13-15=-2783/953

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=65ft; eave=8ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 6-0-0, Interior(1) 6-0-0 to 24-6-8, Exterior(2) 24-6-8 to 49-0-5, Interior(1) 49-0-5 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 29=644, 15=577.
9) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A37	Roof Special	6	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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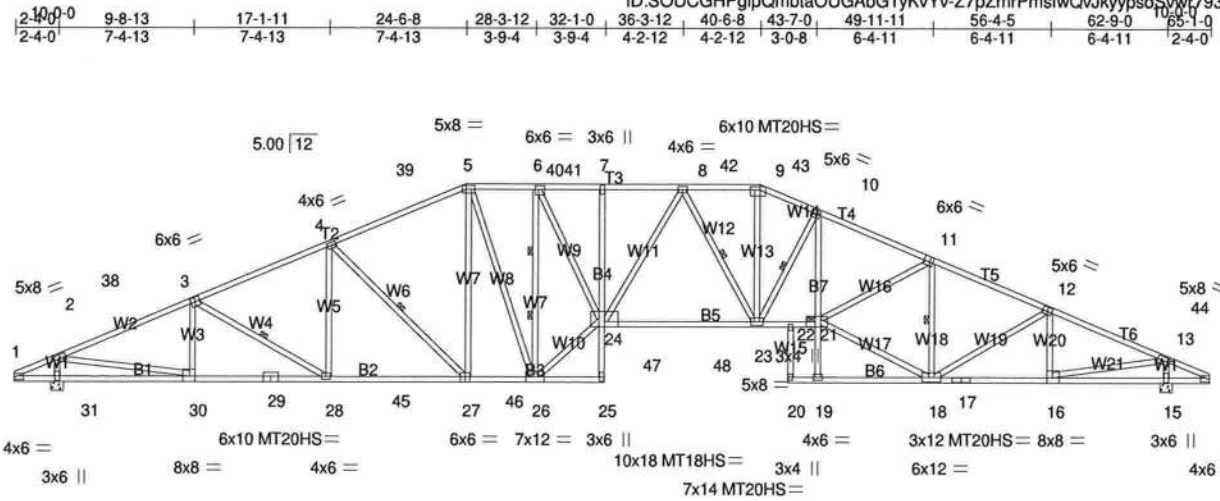

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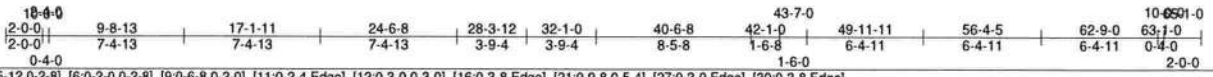

Plate Offsets (X,Y)-- [5:0-5-12,0-2-8], [6:0-2-0,0-2-8], [9:0-6-8,0-2-0], [11:0-2-4,Edge], [12:0-3-0,0-3-0], [16:0-3-8,Edge], [21:0-9-8,0-5-4], [27:0-3-0,Edge], [30:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.93	Vert(LL)	-0.65	23-24	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-1.50	23-24	>484	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.59	15	n/a	n/a	MT18HS	244/190
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.56	23-24	>999	240	Weight: 456 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP M 31, T4,T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3, B5: 2x4 SP M 31, B6: 2x4 SP No.2D, B2: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W9,W21: 2x4 SP No.2, W7: 2x4 SP M 31, W10: 2x4 SP No.1, W17,W16: 2x4 SP No.2D

BRACING-

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (2-2-0 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 3-28, 4-27, 8-23, 10-23, 11-18
2 Rows at 1/3 pts 6-26
JOINTS 1 Brace at Jt(s): 21

REACTIONS. (lb/size) 31=2929/0-8-0 (min. 0-3-7), 15=2929/0-8-0 (min. 0-3-7)
Max Horz 31=231(LC 11)
Max Uplift31=-644(LC 12), 15=-577(LC 12)

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

TOP CHORD 2-38=-4598/1077, 3-38=-4580/1101, 3-4=-4601/1205, 4-39=-4066/1155, 5-39=-3948/1164, 5-40=-3837/1179, 6-40=-3837/1179, 6-41=-5475/1504, 7-41=-5475/1504, 7-42=-5489/1504, 8-42=-5489/1504, 8-43=-5119/1414, 9-43=-5119/1414, 9-10=-5558/1495, 10-11=-6480/1653, 11-12=-4655/1203, 12-44=-4362/1065, 13-44=-4451/1046
BOT CHORD 30-31=-142/394, 29-30=-910/4256, 28-29=-910/4256, 28-45=-882/4259, 27-45=-882/4259, 27-46=-709/3697, 26-46=-709/3697, 7-24=-269/138, 24-47=-1077/5388, 47-48=-1077/5388, 23-48=-1077/5388, 22-23=-1209/5882, 21-22=-1212/5875, 10-21=-299/1474, 17-18=-888/4041, 16-17=-888/4041
WEBS 2-31=-2781/869, 2-30=-962/4013, 3-30=-506/250, 4-28=0/311, 4-27=-792/244, 5-27=-98/759, 5-26=-172/745, 6-26=-3606/806, 24-26=-958/4966, 6-24=-753/3745, 8-24=-25/387, 8-23=-747/225, 9-23=-447/1893, 10-23=-1671/482, 18-21=-998/4599, 11-21=-344/1890, 11-18=-2055/538, 12-18=-20/293, 12-16=-631/264, 13-16=-960/3988, 13-15=-2781/844

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=8ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 24-6-8, Exterior(2) 24-6-8 to 43-8-12, Interior(1) 43-8-12 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 31=644, 15=577.
9) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A37A	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:36:18 2018 Page 1

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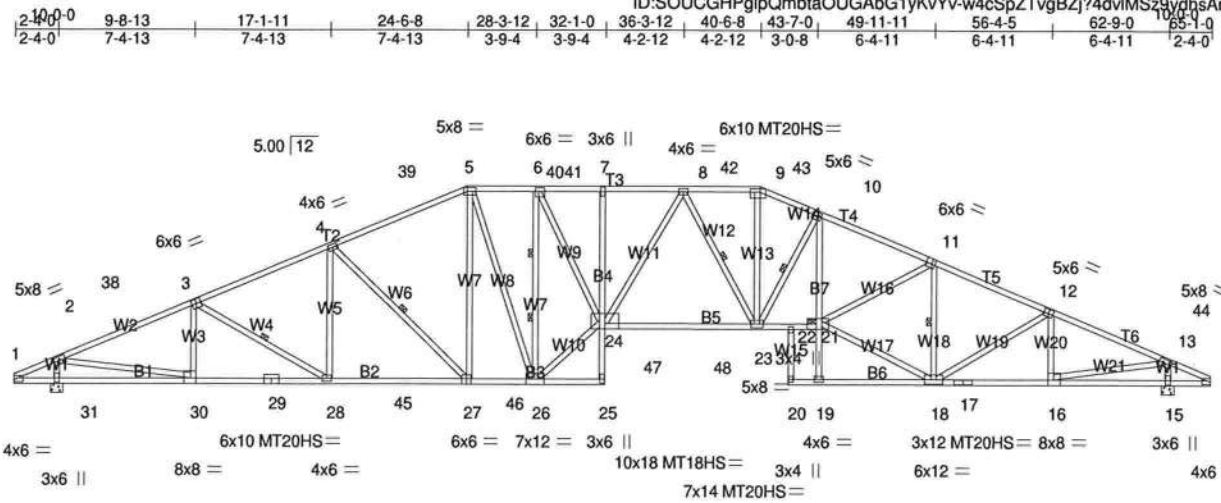

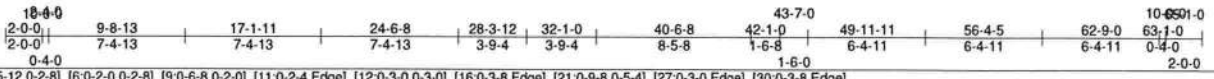

Plate Offsets (X,Y)-- [5:0-5-12,0-2-8], [6:0-2-0,0-2-8], [9:0-6-8,0-2-0], [11:0-2-4,Edge], [12:0-3-0,0-3-0], [16:0-3-8,Edge], [21:0-9-8,0-5-4], [27:0-3-0,Edge], [30:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.93	Vert(LL)	-0.65	23-24	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-1.50	23-24	>484	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.59	15	n/a	n/a	MT18HS	244/190
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.56	23-24	>999	240	Weight: 456 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP M 31, T4,T1: 2x4 SP No.1

BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3, B5: 2x4 SP M 31, B6: 2x4 SP No.2D, B2: 2x4 SP No.1

WEBS 2x4 SP No.3 *Except*
W2,W9,W21: 2x4 SP No.2, W7: 2x4 SP M 31, W10: 2x4 SP No.1, W17,W16: 2x4 SP No.2D

BRACING-

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (2-2-0 max.): 5-9.

BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

WEBS 1 Row at midpt 3-28, 4-27, 8-23, 10-23, 11-18
2 Rows at 1/3 pts 6-26

JOINTS 1 Brace at Jt(s): 21

REACTIONS. (lb/size) 31=2929/0-8-0 (min. 0-3-7), 15=2929/0-8-0 (min. 0-3-7)
Max Horz 31=231(LC 11)
Max Uplift31=-644(LC 12), 15=-577(LC 12)

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

TOP CHORD 2-38=-4598/1077, 3-38=-4580/1101, 3-4=-4601/1205, 4-39=-4066/1155, 5-39=-3948/1164, 5-40=-3837/1179, 6-40=-3837/1179, 6-41=-5475/1504, 7-41=-5475/1504, 7-42=-5489/1504, 8-42=-5489/1504, 8-43=-5119/1414, 9-43=-5119/1414, 9-10=-5558/1495, 10-11=-6480/1653, 11-12=-4655/1203, 12-44=-4362/1065, 13-44=-4451/1046

BOT CHORD 30-31=-142/394, 29-30=-910/4256, 28-29=-910/4256, 28-45=-882/4259, 27-45=-882/4259, 27-46=-709/3697, 26-46=-709/3697, 7-24=-269/138, 24-47=-1077/5388, 47-48=-1077/5388, 23-48=-1077/5388, 22-23=-1209/5882, 21-22=-1212/5875, 10-21=-299/1474, 17-18=-888/4041, 16-17=-888/4041

WEBS 2-31=-2781/869, 2-30=-962/4013, 3-30=-506/250, 4-28=0/311, 4-27=-792/244, 5-27=-98/759, 5-26=-172/745, 6-26=-3606/806, 24-26=-958/4966, 6-24=-753/3745, 8-24=-25/387, 8-23=-747/225, 9-23=-447/1893, 10-23=-1671/482, 18-21=-998/4599, 11-21=-344/1890, 11-18=-2055/538, 12-18=-20/293, 12-16=-631/264, 13-16=-960/3988, 13-15=-2781/844

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.0psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=8ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 24-6-8, Exterior(2) 24-6-8 to 43-8-12, Interior(1) 43-8-12 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 31=644, 15=577.
9) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A38	Roof Special	6	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:36:22 2018 Page 1

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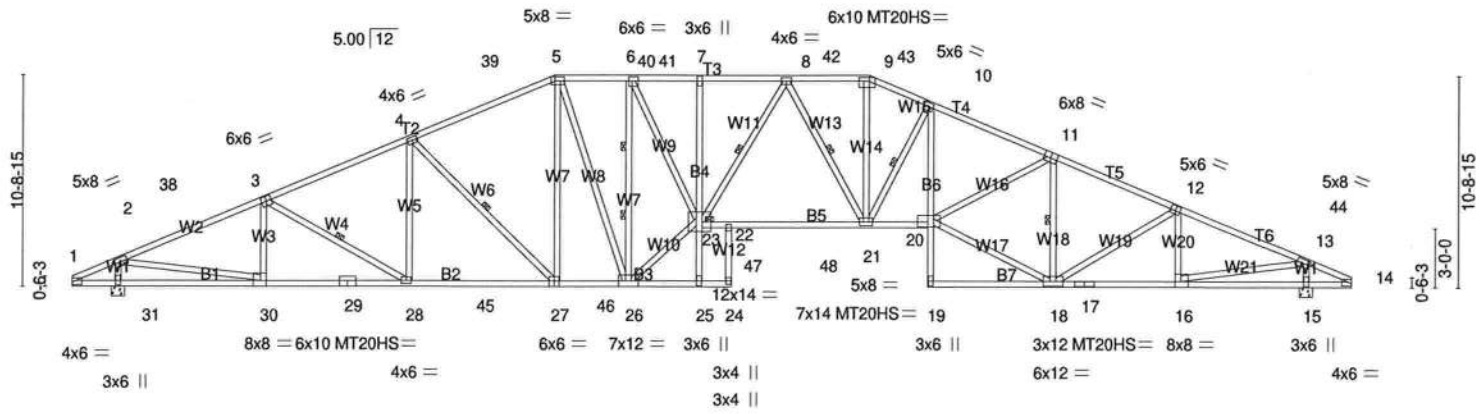
2-4-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	4-2-12	4-2-12	3-0-8	6-4-11	6-4-11	6-4-11	2-4-0

Scale = 1:117.4



2-0-0	9-8-13	17-1-11	24-6-8	28-3-12	32-1-0	33-7-0	40-6-8	42-1-0	49-11-11	56-4-5	62-9-0	63-1-0
2-0-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	1-6-0	6-11-8	1-6-8	6-4-11	6-4-11	6-4-11	0-4-0
0-4-0								1-6-0				2-0-0

Plate Offsets (X,Y)-- [5:0-5-12,0-2-8], [6:0-2-0,0-2-8], [9:0-6-8,0-2-0], [11:0-4-0,Edge], [12:0-3-0,0-3-0], [16:0-3-8,Edge], [20:0-10-0,0-5-0], [23:0-5-8,0-6-0], [27:0-3-0,Edge], [30:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.95	Vert(LL)	-0.61	21-22	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-1.41	21-22	>513	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.59	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.56	21-22	>999	240	Weight: 456 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP M 31, T4,T1: 2x4 SP No.1

BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3, B5: 2x4 SP M 31, B7: 2x4 SP No.2D, B2: 2x4 SP No.1

WEBS 2x4 SP No.3 *Except*
W2,W9,W21: 2x4 SP No.2, W7: 2x4 SP M 31, W10: 2x4 SP No.1, W17,W16: 2x4 SP No.2D

BRACING-

TOP CHORD Structural wood sheathing directly applied, except
2-0-0 oc purlins (2-2-0 max.): 5-9.

BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except:
6-0-0 oc bracing: 7-23
10-0-0 oc bracing: 23-25

WEBS 1 Row at midpt 3-28, 4-27, 8-23, 8-21, 10-21, 11-18
2 Rows at 1/3 pts 6-26

JOINTS 1 Brace at Jt(s): 23

REACTIONS. (lb/size) 31=2929/0-8-0 (min. 0-3-7), 15=2929/0-8-0 (min. 0-3-7)
Max Horz 31=231(LC 11)
Max Uplift31=-644(LC 12), 15=-577(LC 12)

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

TOP CHORD 2-38=-4598/1077, 3-38=-4580/1101, 3-4=-4601/1205, 4-39=-4066/1154, 5-39=-3948/1164, 5-40=-3837/1180, 6-40=-3837/1180, 6-41=-5472/1494, 7-41=-5472/1494, 7-42=-5485/1496, 8-42=-5485/1496, 8-43=-5131/1419, 9-43=-5131/1419, 9-10=-5573/1501, 10-11=-6560/1672, 11-12=-4651/1202, 12-44=-4364/1066, 13-44=-4453/1047

BOT CHORD 30-31=-142/394, 29-30=-910/4256, 28-29=-910/4256, 28-45=-882/4259, 27-45=-882/4259, 27-46=-709/3697, 26-46=-709/3697, 7-23=-269/138, 22-23=-1076/5393, 22-47=-1076/5393, 47-48=-1076/5393, 21-48=-1076/5393, 20-21=-1233/5977, 10-20=-330/1631, 17-18=-889/4042, 16-17=-889/4042

WEBS 2-31=-2781/869, 2-30=-962/4013, 3-30=-506/250, 4-28=0/310, 4-27=-791/244, 5-27=-95/763, 5-26=-176/744, 6-26=-3599/785, 23-26=-947/4966, 6-23=-730/3737, 8-23=-11/387, 8-21=-735/211, 9-21=-450/1902, 10-21=-1824/512, 18-20=-1019/4714, 11-20=-365/1975, 11-18=-2129/556, 12-18=-18/288, 12-16=-626/262, 13-16=-961/3992, 13-15=-2783/845

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=8ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 24-6-8, Exterior(2) 24-6-8 to 43-8-12, Interior(1) 43-8-12 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 31=644, 15=577.
9) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A39	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:36:26 2018 Page 1
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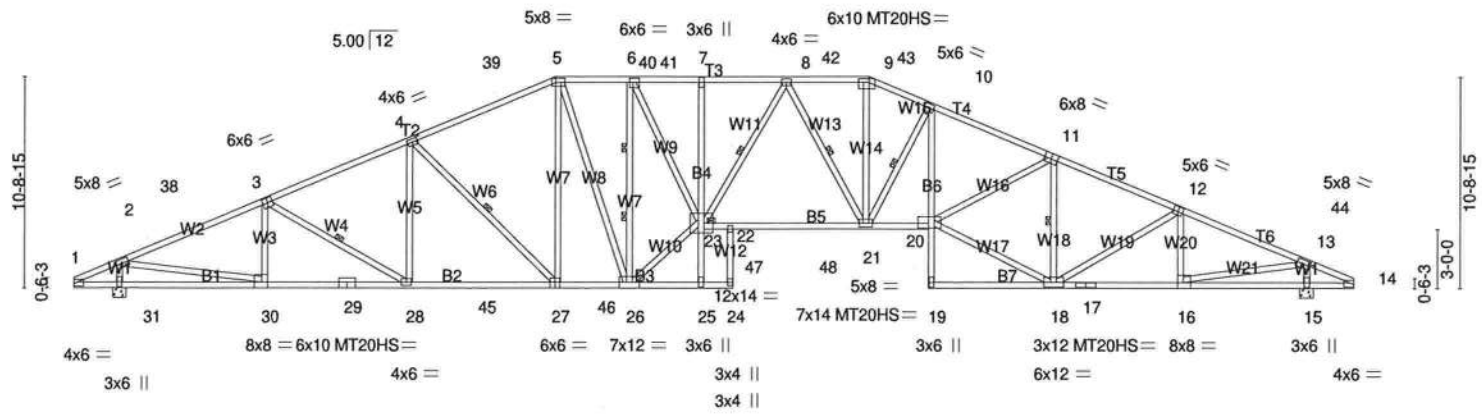
2-4-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	4-2-12	4-2-12	3-0-8	6-4-11	6-4-11	6-4-11	2-4-0

Scale = 1:117.4



2-0-0	9-8-13	17-1-11	24-6-8	28-3-12	32-1-0	33-7-0	40-6-8	42-1-0	43-7-0	49-11-11	56-4-5	62-9-0	63-1-0
2-0-0	7-4-13	7-4-13	7-4-13	3-9-4	3-9-4	1-6-0	6-11-8	1-6-8	1-6-0	6-4-11	6-4-11	6-4-11	0-4-0
0-4-0													2-0-0

Plate Offsets (X,Y)-- [5:0-5-12,0-2-8], [6:0-2-0,0-2-8], [9:0-6-8,0-2-0], [11:0-4-0,Edge], [12:0-3-0,0-3-0], [16:0-3-8,Edge], [20:0-10-0,0-5-0], [23:0-5-8,0-6-0], [27:0-3-0,Edge], [30:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.95	Vert(LL)	-0.61	21-22	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-1.41	21-22	>513	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.59	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.56	21-22	>999	240	Weight: 456 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP M 31, T4,T1: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3, B5: 2x4 SP M 31, B7: 2x4 SP No.2D, B2: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W9,W21: 2x4 SP No.2, W7: 2x4 SP M 31, W10: 2x4 SP No.1, W17,W16: 2x4 SP No.2D

BRACING-
TOP CHORD Structural wood sheathing directly applied, except
2-0-0 oc purlins (2-2-0 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except:
6-0-0 oc bracing: 7-23
10-0-0 oc bracing: 23-25
WEBS 1 Row at midpt 3-28, 4-27, 8-23, 8-21, 10-21, 11-18
2 Rows at 1/3 pts 6-26
JOINTS 1 Brace at Jt(s): 23

REACTIONS. (lb/size) 31=2929/0-8-0 (min. 0-3-7), 15=2929/0-8-0 (min. 0-3-7)
Max Horz 31=231(LC 11)
Max Uplift31=-644(LC 12), 15=-577(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-38=-4598/1077, 3-38=-4580/1101, 3-4=-4601/1205, 4-39=-4066/1154, 5-39=-3948/1164, 5-40=-3837/1180, 6-40=-3837/1180, 6-41=-5472/1494, 7-41=-5472/1494, 7-42=-5485/1496, 8-42=-5485/1496, 8-43=-5131/1419, 9-43=-5131/1419, 9-10=-5573/1501, 10-11=-6560/1672, 11-12=-4651/1202, 12-44=-4364/1066, 13-44=-4453/1047
BOT CHORD 30-31=-142/394, 29-30=-910/4256, 28-29=-910/4256, 28-45=-882/4259, 27-45=-882/4259, 27-46=-709/3697, 26-46=-709/3697, 7-23=-269/138, 22-23=-1076/5393, 22-47=-1076/5393, 47-48=-1076/5393, 21-48=-1076/5393, 20-21=-1233/5977, 10-20=-330/1631, 17-18=-889/4042, 16-17=-889/4042
WEBS 2-31=-2781/869, 2-30=-962/4013, 3-30=-506/250, 4-28=0/310, 4-27=-791/244, 5-27=-95/763, 5-26=-176/744, 6-26=-3599/785, 23-26=-947/4966, 6-23=-730/3737, 8-23=-11/387, 8-21=-735/211, 9-21=-450/1902, 10-21=-1824/512, 18-20=-1019/4714, 11-20=-365/1975, 11-18=-2129/556, 12-18=-18/288, 12-16=-626/262, 13-16=-961/3992, 13-15=-2783/845

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=8ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 24-6-8, Exterior(2) 24-6-8 to 43-8-12, Interior(1) 43-8-12 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 31=644, 15=577.
9) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A40	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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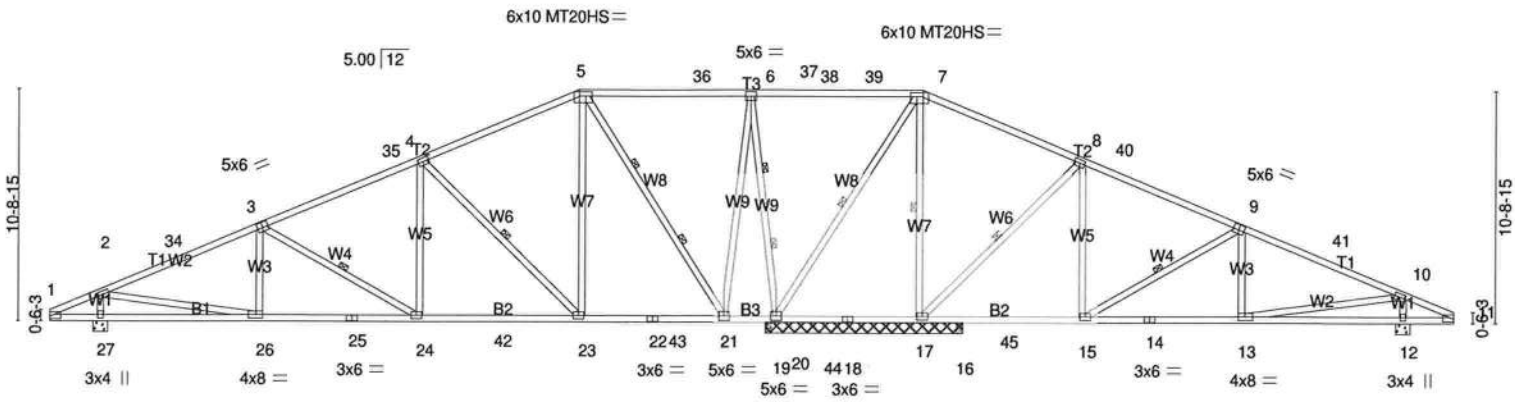
ID:SOUCGHPqlpOmbtaOUGAbG1yKvYv-1auNY?d3cBCs346P0bB0BigxAPImvm8XbfIWvNzPhNE

2-4-0	9-8-13	17-1-11	24-6-8	32-6-8	40-6-8	47-11-5	55-4-3	62-9-0	65-1-0
2-4-0	7-4-13	7-4-13	7-4-13	8-0-0	8-0-0	7-4-13	7-4-13	7-4-13	2-4-0

Scale = 1:107.0



2-0-0	9-8-13	17-1-11	24-6-8	31-4-0	33-6-8	37-10-0	40-6-8	42-5-0	47-11-5	55-4-3	62-9-0	63-1-0
2-0-0	7-4-13	7-4-13	7-4-13	6-9-8	2-2-8	4-1-0	2-8-8	1-10-8	5-6-5	7-4-13	7-4-13	0-4-0

0-4-0 0-2-8 2-0-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [5:0-7-0,0-2-4], [7:0-7-0,0-2-4], [9:0-3-0,0-3-0], [13:0-3-8,0-2-0], [26:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.83	Vert(LL)	-0.11	23-24	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.23	23-24	>999	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.03	20	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.07	24-26	>999	240	Weight: 408 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* T3: 2x4 SP No.1
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-9 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-24, 4-23, 7-19, 7-17, 8-17, 9-15
2 Rows at 1/3 pts 5-21, 6-19

REACTIONS. All bearings 0-8-0 except (jt=length) 19=9-2-0, 17=9-2-0, 20=0-3-8, 16=0-3-8.
(lb) - Max Horz 27=-300(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 27=-319(LC 12), 19=-201(LC 12), 17=-257(LC 12), 12=-178(LC 12), 20=-295(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 16 except 27=1371(LC 21), 19=2406(LC 17), 17=1454(LC 18), 12=955(LC 22), 20=345(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34=-1708/380, 3-34=-1623/392, 3-35=-1237/382, 4-35=-1085/385, 4-5=-487/262, 5-36=0/536, 36-37=0/536, 6-37=0/536, 6-38=-31/924, 38-39=-31/924, 7-39=-31/924, 7-8=-18/826, 9-40=-293/144, 9-41=-808/187, 10-41=-907/174
BOT CHORD 26-27=-252/424, 25-26=-270/1695, 24-25=-270/1695, 24-42=-143/1223, 23-42=-143/1223, 22-23=-58/455, 22-43=-58/455, 21-43=-58/455, 20-21=-699/408, 19-20=-699/408, 19-44=-737/390, 18-44=-737/390, 17-18=-737/390, 14-15=-63/745, 13-14=-63/745
WEBS 2-27=-1256/530, 2-26=-307/1372, 3-24=-547/190, 4-24=-7/511, 4-23=-1093/388, 5-23=-186/1044, 5-21=-1624/445, 6-21=-268/1429, 6-19=-1983/624, 7-19=-433/159, 7-17=-542/161, 8-17=-1146/412, 8-15=-29/567, 9-15=-700/219, 10-13=-120/668, 10-12=-850/434

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=65ft; eave=8ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 6-0-0, Interior(1) 6-0-0 to 24-6-8, Exterior(2) 24-6-8 to 49-0-5, Interior(1) 49-0-5 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 4x6 MT20 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) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 319 lb uplift at joint 27, 201 lb uplift at joint 19, 257 lb uplift at joint 17, 178 lb uplift at joint 12 and 295 lb uplift at joint 20.
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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A41	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:36:35 2018 Page 1

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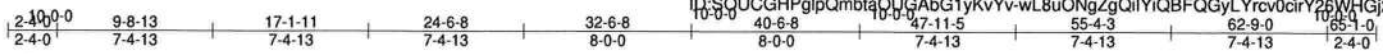

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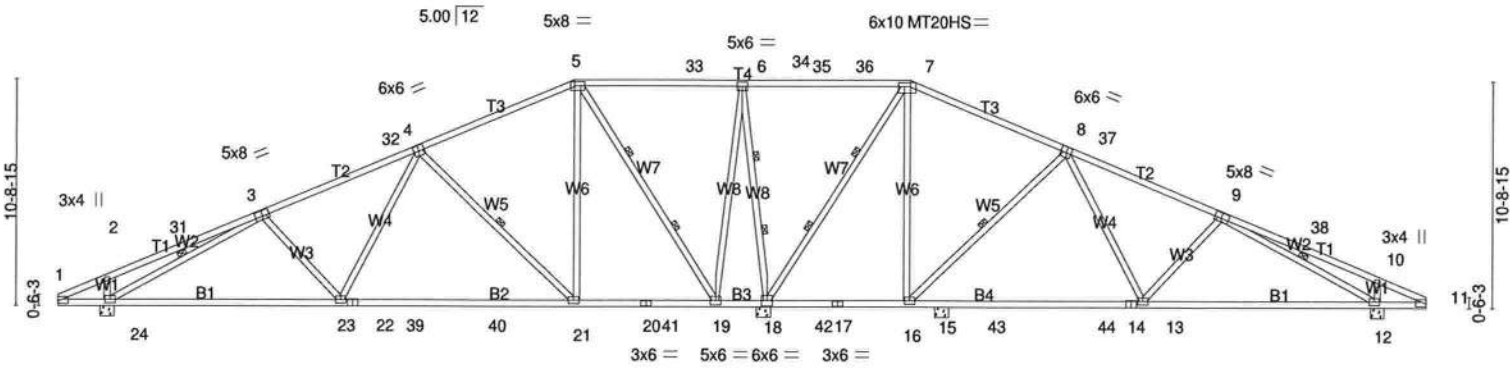


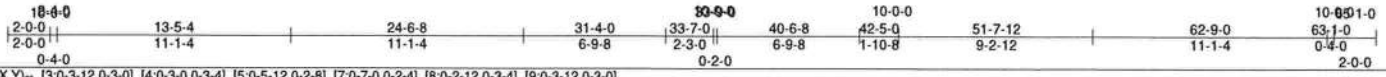


Plate Offsets (X,Y)-- [3:0-3-12,0-3-0], [4:0-3-0,0-3-4], [5:0-5-12,0-2-8], [7:0-7-0,0-2-4], [8:0-2-12,0-3-4], [9:0-3-12,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.47	21-23	>805	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.76	21-23	>497	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.05	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.06	21-23	>999	240	Weight: 394 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* T4: 2x4 SP No.1
BOT CHORD 2x4 SP No.1 *Except* B4,B3: 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-5 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 5-8-12 oc bracing: 18-19 6-0-0 oc bracing: 16-18.
WEBS 1 Row at midpt 3-24, 4-21, 8-16, 9-12 2 Rows at 1/3 pts 5-19, 6-18, 7-18

REACTIONS. All bearings 0-8-0.
(lb) - Max Horz 24=-300(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 24=-306(LC 12), 18=-740(LC 12), 12=-227(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 24=1358(LC 21), 18=3283(LC 17), 12=1150(LC 22), 15=403(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-31=-307/39, 3-31=-251/52, 3-32=-1460/373, 4-32=-1306/377, 4-5=-457/228, 5-33=0/658, 33-34=0/658, 6-34=0/658, 6-35=-78/1056, 35-36=-78/1056, 7-36=-78/1056, 7-8=-16/489, 8-37=-821/320, 9-37=-975/316, 9-38=-260/86, 10-38=-318/74, 10-11=-250/0
BOT CHORD 23-24=-272/1650, 22-23=-133/1140, 22-39=-133/1140, 39-40=-133/1140, 21-40=-133/1140, 20-21=-112/395, 20-41=-112/395, 19-41=-112/395, 18-19=-867/463, 18-42=-301/277, 17-42=-301/277, 16-17=-301/277, 15-16=-58/565, 15-43=-58/565, 43-44=-58/565, 14-44=-58/565, 13-14=-58/565, 12-13=-207/1046
WEBS 2-24=-482/388, 3-24=-1442/411, 3-23=-333/241, 4-23=-42/652, 4-21=-1056/416, 5-21=-174/1119, 5-19=-1745/447, 6-19=-329/1457, 6-18=-2013/685, 7-18=-1433/530, 7-16=-217/667, 8-16=-1058/424, 8-13=-54/658, 9-13=-402/247, 9-12=-1006/361, 10-12=-468/388

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=65ft; eave=8ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 6-0-0, Interior(1) 6-0-0 to 24-6-8, Exterior(2) 24-6-8 to 49-0-5, Interior(1) 49-0-5 to 65-1-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 4x6 MT20 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) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 306 lb uplift at joint 24, 740 lb uplift at joint 18 and 227 lb uplift at joint 12.
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

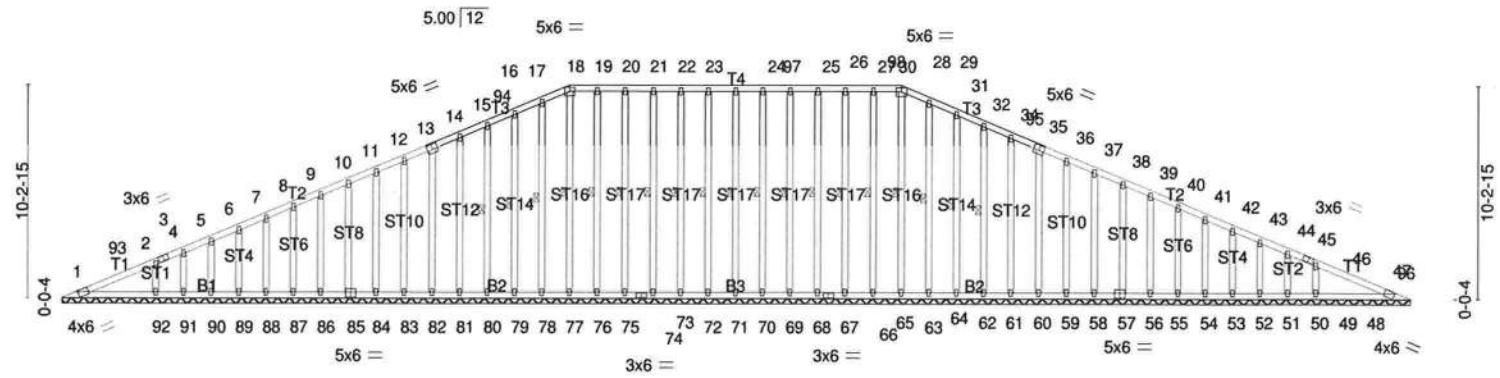
1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A42	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:36:42 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-Di3Xsmly1ZaJtmSX9Pub70dzIrBI_xk87tTboEzPhN3

9-6-12 | 24-6-8 | 32-6-8 | 40-6-8 | 65-1-0
24-6-8 | 8-0-0 | 8-0-0 | 24-6-8

Scale = 1:111.2



9-6-12 | 65-1-0
65-1-0

Plate Offsets (X,Y)-- [13:0-3-0,0-3-0], [18:0-3-0,0-2-4], [30:0-3-0,0-2-4], [35:0-3-0,0-3-0], [55:0-3-0,0-3-0], [85:0-3-0,0-3-0]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.19	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.12	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.11	Horz(CT) 0.01 47 n/a n/a	
BCDL 10.0	Code FBC2017/TPI2014	Matrix-S		Weight: 619 lb FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 18-30.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 24-70, 23-71, 22-72, 21-73, 20-75, 19-76, 18-77, 17-78, 16-79, 15-80, 25-69, 26-68, 27-67, 28-65, 29-64, 30-63, 31-62, 32-61, 33-60

REACTIONS. All bearings 65-1-0.
(lb) - Max Horz 1=224(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 70, 71, 72, 73, 75, 76, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 69, 68, 67, 65, 64, 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48
Max Grav All reactions 250 lb or less at joint(s) 1, 70, 71, 72, 73, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 69, 68, 67, 65, 64, 63, 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 47 except 92=374(LC 21), 48=374(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 13-14=-95/277, 14-15=-107/311, 15-94=-118/341, 16-94=-105/344, 16-17=-131/380, 17-18=-141/408, 30-31=-141/408, 31-32=-131/380, 32-95=-105/344, 33-95=-118/340, 33-34=-107/311, 34-35=-95/277, 18-19=-129/394, 19-20=-129/394, 20-21=-129/394, 21-22=-129/394, 22-97=-129/394, 23-97=-129/394, 23-24=-129/394, 24-25=-129/394, 25-98=-129/394, 26-98=-129/394, 26-27=-129/394, 27-28=-129/394, 28-29=-129/394, 29-30=-129/394
WEBS 2-92=-275/303, 46-48=-275/303

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-8-2 to 3-8-2, Exterior(2) 3-8-2 to 24-6-8, Corner(3) 24-6-8 to 43-6-8, Exterior(2) 43-6-8 to 64-4-14 zone; cantilever left and right exposed ; end vertical left 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) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by WTCA and TPI. For project specific guidance, consult with project engineer/architect/general contractor. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 1-4-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 70, 71, 72, 73, 75, 76, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 69, 68, 67, 65, 64, 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48.
12) 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

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. DESIGN VERTICAL TRUSS MEMBERS FOR OUT OF PLANE WIND LOADS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A43	Roof Special	4	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:36:46 2018 Page 1

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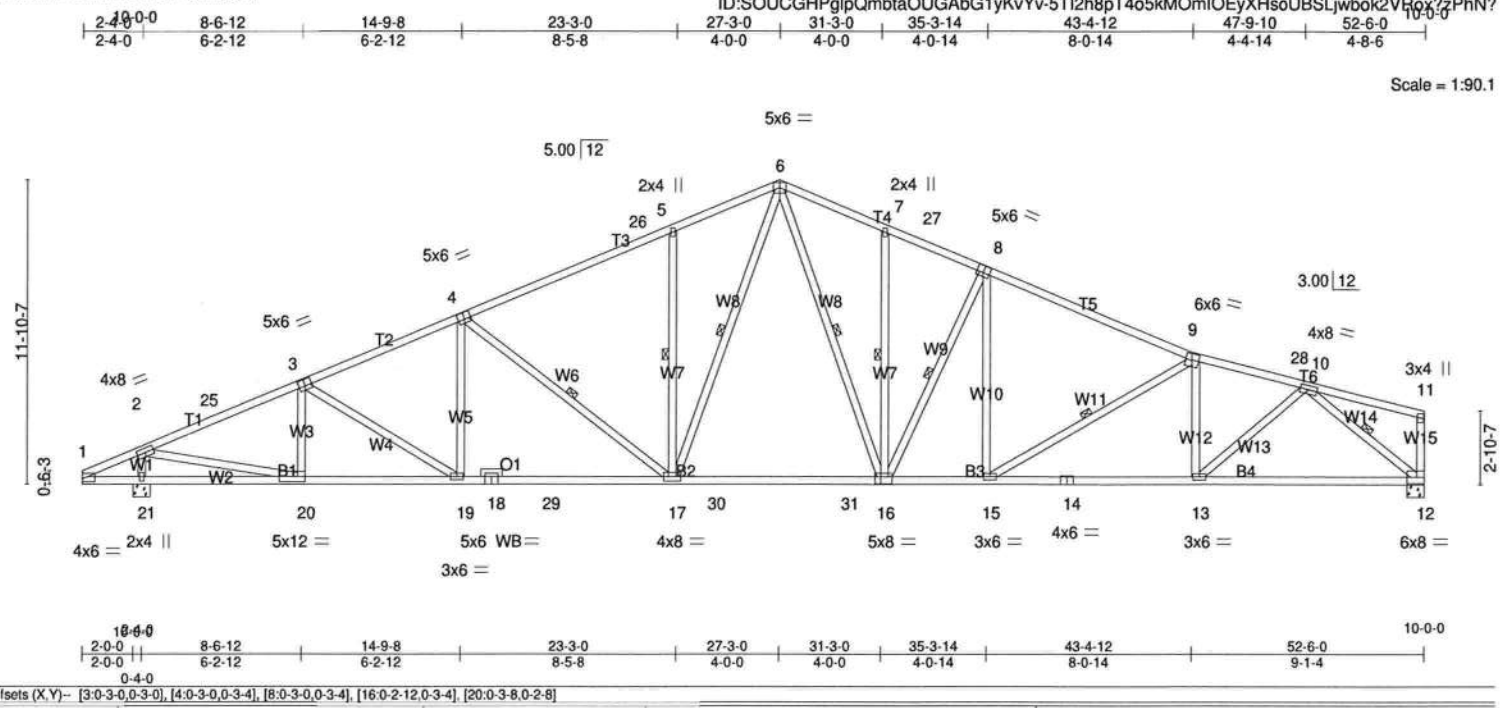

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-3-0,0-3-4], [8:0-3-0,0-3-4], [16:0-2-12,0-3-4], [20:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.90	Vert(LL)	-0.33	16-17	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.69	16-17	>876	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.20	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.23	16-17	>999	240	Weight: 343 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T3: 2x4 SP No.1, T5: 2x4 SP M 31
BOT CHORD 2x4 SP No.1 *Except*
B1,B3: 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-17, 5-17, 9-15, 10-12, 7-16, 6-17, 6-16, 8-16

REACTIONS. (lb/size) 21=2466/0-8-0 (min. 0-2-15), 12=2246/0-8-0 (min. 0-2-10)
Max Horz 21=-282(LC 10)
Max Uplift21=-550(LC 12), 12=-445(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-25=-3642/839, 3-25=-3566/850, 3-4=-3750/949, 4-26=-3154/881, 5-26=-2977/894, 5-6=-3156/1031, 6-7=-3055/995, 7-27=-2995/944, 8-27=-3088/933, 8-9=-3476/950, 9-28=-3513/927, 10-28=-3583/919
BOT CHORD 20-21=-218/379, 19-20=-782/3489, 18-19=-778/3558, 18-29=-778/3558, 17-29=-778/3558, 17-30=-476/2477, 30-31=-476/2477, 16-31=-476/2477, 15-16=-692/3114, 14-15=-816/3461, 13-14=-816/3461, 12-13=-650/2435
WEBS 2-21=-2337/769, 2-20=-749/3209, 3-20=-504/221, 4-17=-787/226, 5-17=-517/331, 8-15=-9/399, 9-15=-468/144, 9-13=-663/272, 10-13=-238/1316, 10-12=-3117/845, 6-17=-382/1365, 6-16=-352/1189, 8-16=-812/273

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=53ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 5-3-0, Interior(1) 5-3-0 to 27-3-0, Exterior(2) 27-3-0 to 32-6-0, Interior(1) 43-4-12 to 52-4-4 zone; cantilever left and right exposed ; end vertical left 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) 21=550, 12=445.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A44	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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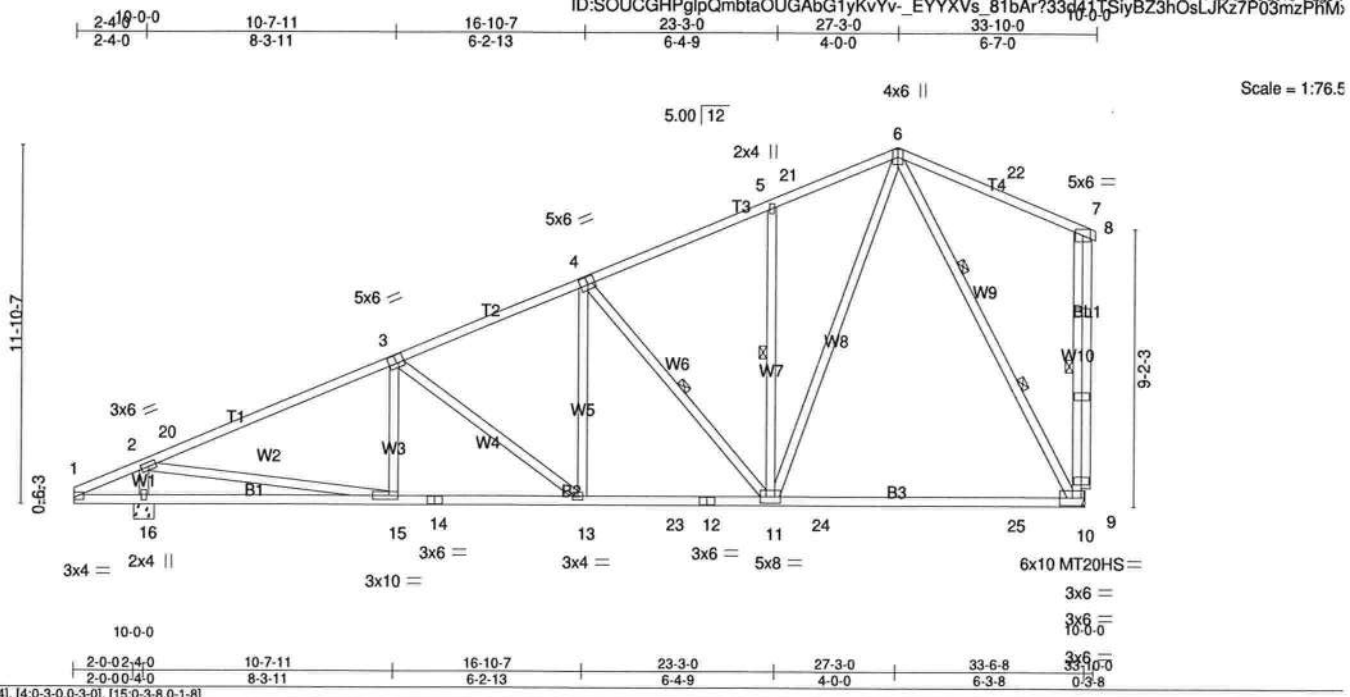

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [4:0-3-0,0-3-0], [15:0-3-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.81	Vert(LL)	-0.39	10-11	>966	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-0.62	10-11	>601	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.05	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.08	13-15	>999	240	Weight: 236 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x4 SP No.2D
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-10, 5-11, 4-11
2 Rows at 1/3 pts 6-10

REACTIONS. (lb/size) 16=1616/0-8-0 (min. 0-1-15), 10=1423/Mechanical
Max Horz 16=325(LC 12)
Max Uplift16=-339(LC 12), 10=-339(LC 12)
Max Grav 16=1616(LC 1), 10=1526(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-2201/369, 3-20=-2103/393, 3-4=-1801/385, 4-5=-1242/310, 5-21=-1247/399, 6-21=-1229/411, 7-10=-293/209
BOT CHORD 15-16=-314/376, 14-15=-579/2047, 13-14=-579/2047, 13-23=-449/1662, 12-23=-449/1662, 11-12=-449/1662, 11-24=-170/654, 24-25=-170/654, 10-25=-170/654
WEBS 2-16=-1492/537, 2-15=-299/1690, 3-13=-475/161, 4-13=-42/421, 5-11=-384/228, 6-11=-332/1424, 6-10=-1273/350, 4-11=-819/262

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=34ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-4-4, Interior(1) 3-4-4 to 27-3-0, Exterior(2) 27-3-0 to 30-7-4 zone; cantilever left and right exposed ; end vertical 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 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) * 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) except (jt=lb) 16=339, 10=339.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A45	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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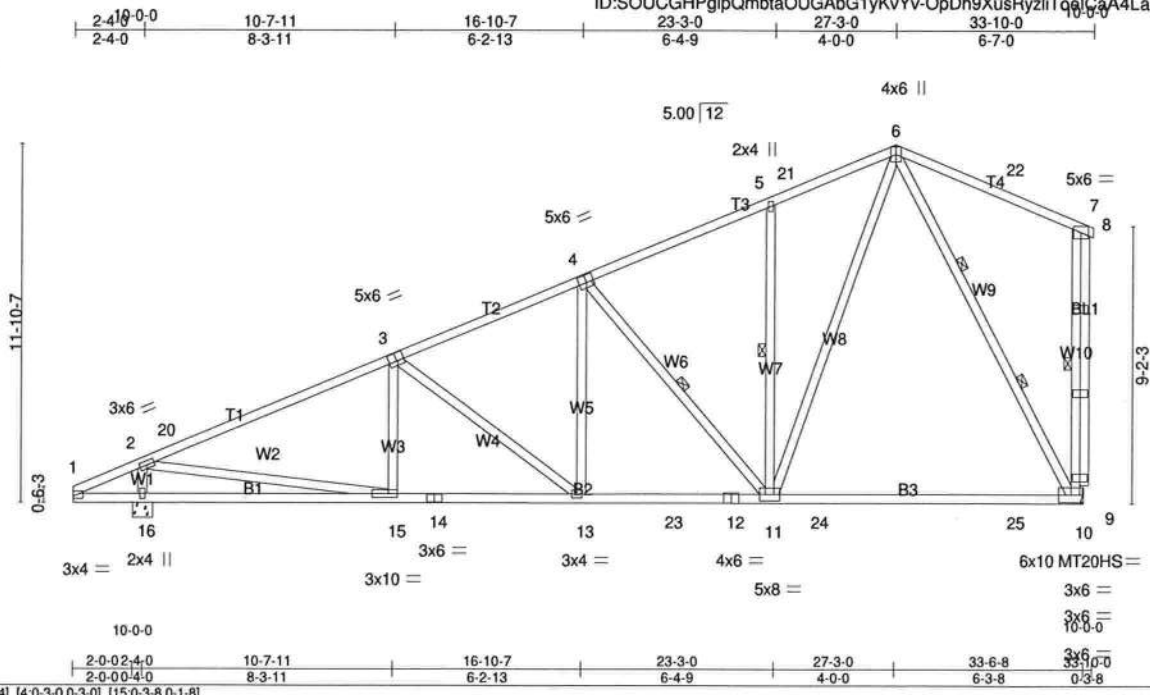

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [4:0-3-0,0-3-0], [15:0-3-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.39	10-11	>962	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-0.62	10-11	>598	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.05	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.08	13-15	>999	240	Weight: 236 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except*
	B3: 2x4 SP No.2D
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 4-11, 7-10, 5-11
	2 Rows at 1/3 pts 6-10

REACTIONS. (lb/size) 16=1616/0-8-0 (min. 0-1-15), 10=1423/Mechanical
Max Horz 16=325(LC 12)
Max Uplift16=-339(LC 12), 10=-339(LC 12)
Max Grav 16=1616(LC 1), 10=1527(LC 17)

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

TOP CHORD	2-20=-2201/368, 3-20=-2103/392, 3-4=-1802/385, 4-5=-1243/310, 5-21=-1247/399, 6-21=-1230/411, 7-10=-293/209
BOT CHORD	15-16=-315/379, 14-15=-579/2048, 13-14=-579/2048, 13-23=-450/1663, 12-23=-450/1663, 11-12=-450/1663, 11-24=-170/654, 24-25=-170/654, 10-25=-170/654
WEBS	2-16=-1493/538, 2-15=-297/1686, 3-13=-476/162, 4-13=-43/423, 4-11=-819/262, 5-11=-385/229, 6-11=-333/1425, 6-10=-1273/350

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=34ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-4-10, Interior(1) 3-4-10 to 27-3-0, Exterior(2) 27-3-0 to 30-7-10 zone; cantilever left and right exposed ; end vertical 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 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) * 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) except (jt=lb) 16=339, 10=339.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A46	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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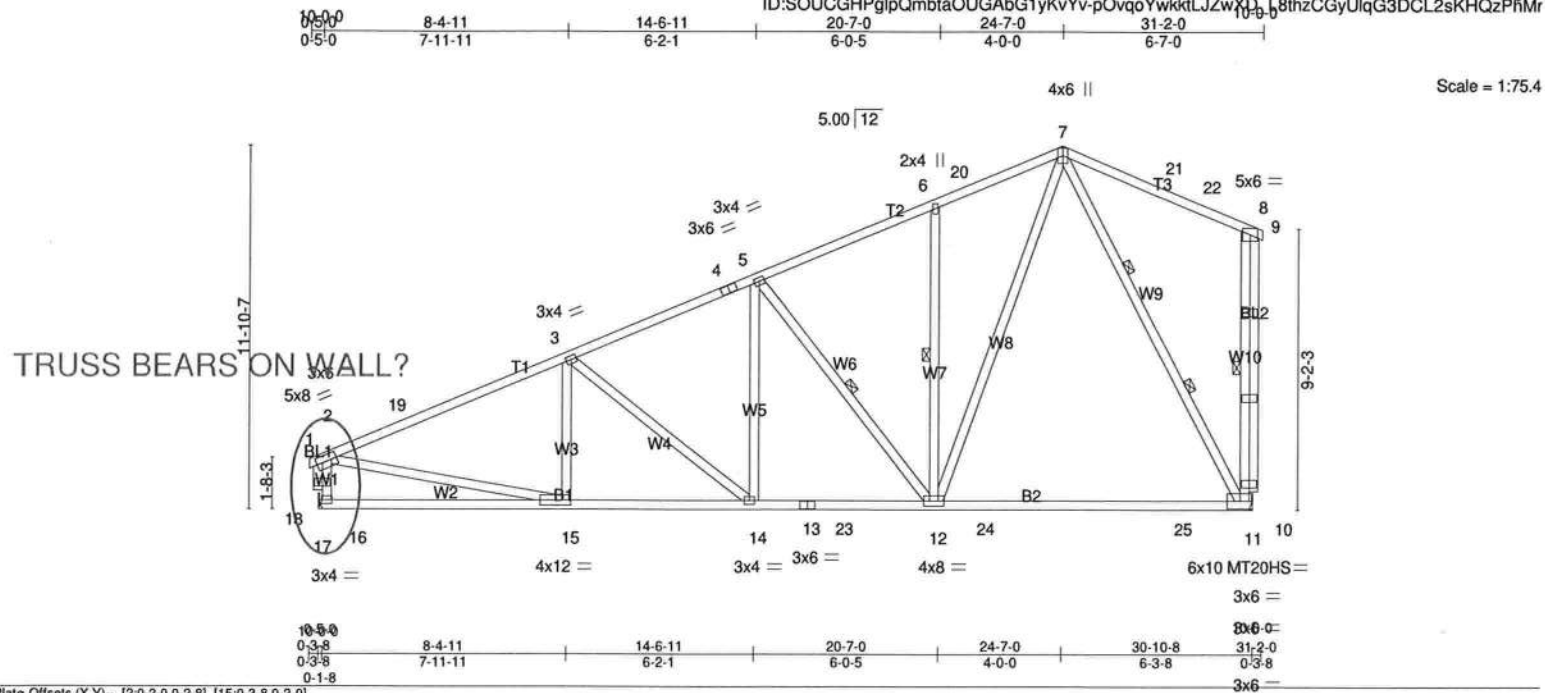

TRUSS BEARS ON WALL?

Plate Offsets (X,Y)-- [2:0-2-0,0-2-8], [15:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.38	11-12	>947	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-0.61	11-12	>590	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.03	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.07	14-15	>999	240	Weight: 229 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* T1: 2x4 SP M 31
BOT CHORD	2x4 SP No.2 *Except* B2: 2x4 SP No.2D
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-4-1 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 8-11, 5-12, 6-12 2 Rows at 1/3 pts 7-11

REACTIONS. (lb/size) 11=1390/Mechanical, 16=1395/Mechanical
Max Horz 16=282(LC 12)
Max Uplift11=-335(LC 12), 16=-233(LC 12)
Max Grav 11=1484(LC 17), 16=1409(LC 17)

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

TOP CHORD	2-19=-1982/373, 3-19=-1924/390, 3-4=-1679/365, 4-5=-1551/383, 5-6=-1191/306, 6-20=-1198/391, 7-20=-1143/403, 8-11=-290/208
BOT CHORD	15-16=-403/0, 14-15=-569/1878, 13-14=-431/1544, 13-23=-431/1544, 12-23=-431/1544, 12-24=-166/631, 24-25=-166/631, 11-25=-166/631
WEBS	3-14=-437/186, 5-14=-67/379, 16-18=-1339/345, 2-18=-1370/353, 2-15=-366/2124, 7-12=-323/1359, 7-11=-1225/343, 5-12=-730/258, 6-12=-380/222

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-1-6, Interior(1) 3-1-6 to 24-7-0, Exterior(2) 24-7-0 to 27-8-6 zone; cantilever left and right exposed ; end vertical 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 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) * 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) except (jt=lb) 11=335, 16=233.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A47	Common	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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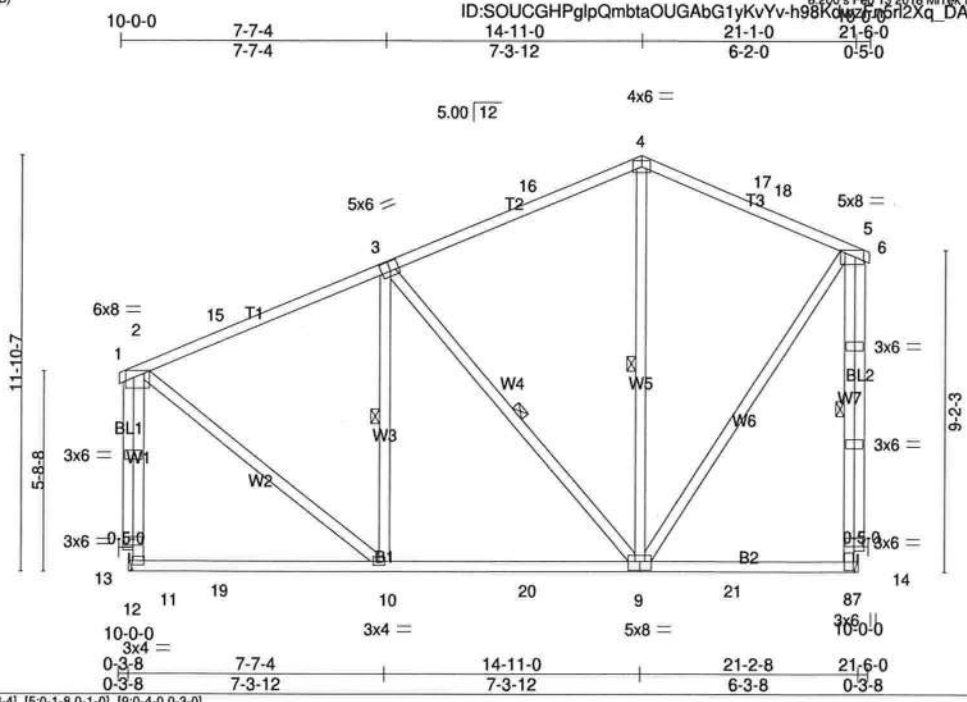

Plate Offsets (X,Y)-- [2:0-1-12,0-1-0], [3:0-3-0,0-3-4], [5:0-1-8,0-1-0], [9:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.73	Vert(LL)	-0.07	9-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.12	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.01	9-10	>999	240	Weight: 181 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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: 8-9.
WEBS	1 Row at midpt 3-10, 3-9, 4-9, 5-8

REACTIONS. (lb/size) 11=962/Mechanical, 8=962/Mechanical
Max Horz 11=306(LC 12)
Max Uplift11=-129(LC 12), 8=-272(LC 12)
Max Grav 11=1010(LC 19), 8=1032(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-730/202, 3-15=-579/217, 3-16=-493/198, 4-16=-389/208, 4-17=-414/224, 17-18=-416/214, 5-18=-487/213, 11-13=-891/295, 2-13=-890/293, 8-14=-909/411, 5-14=-909/411
BOT CHORD 11-19=-263/210, 10-19=-263/210, 10-20=-259/663, 9-20=-259/663
WEBS 3-9=-408/220, 2-10=-111/707, 5-9=-198/700

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=0.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 14-11-0, Exterior(2) 14-11-0 to 17-11-0 zone; cantilever left and right exposed ; end vertical left 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) 11=129, 8=272.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A48	Monopitch	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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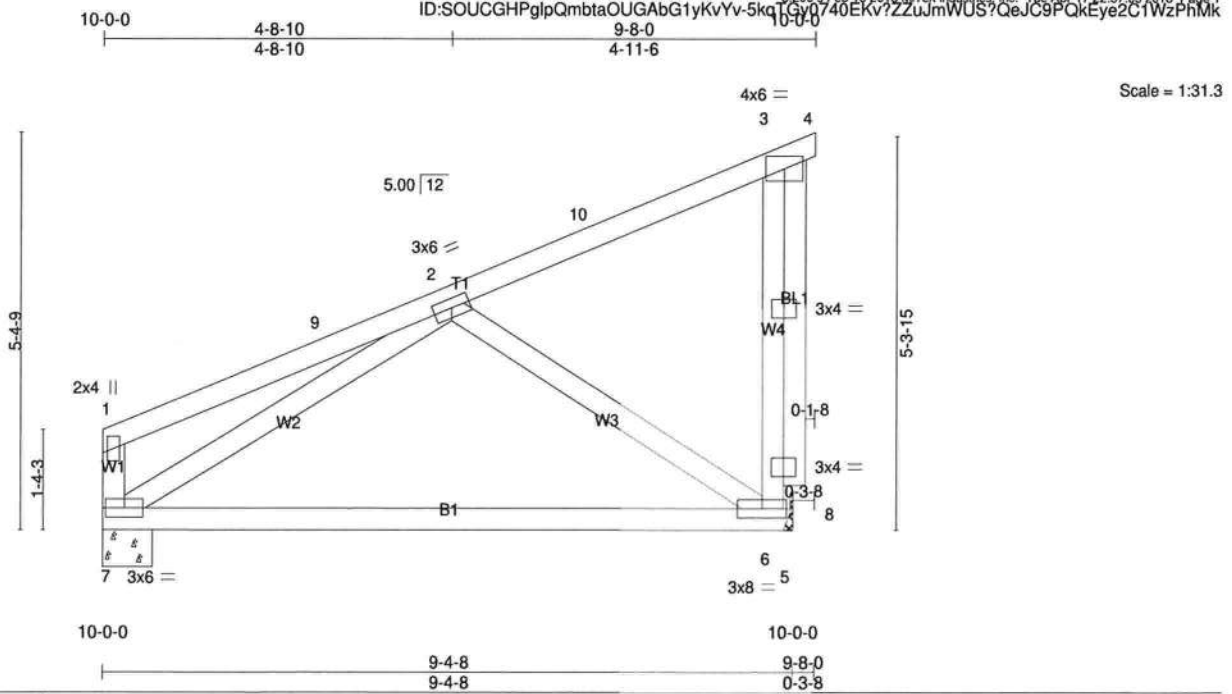

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.73	Vert(LL)	-0.19	6-7	>577	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.37	6-7	>290	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	-0.00	6-7	>999	240	Weight: 60 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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.

REACTIONS. (lb/size) 7=402/0-8-0 (min. 0-1-8), 6=449/Mechanical
Max Horz 7=190(LC 12)
Max Uplift7=-22(LC 12), 6=-159(LC 12)

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

BOT CHORD	6-7=-206/307
WEBS	2-6=-333/262

NOTES-

1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 9-8-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 6=159.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A49	Roof Special	6	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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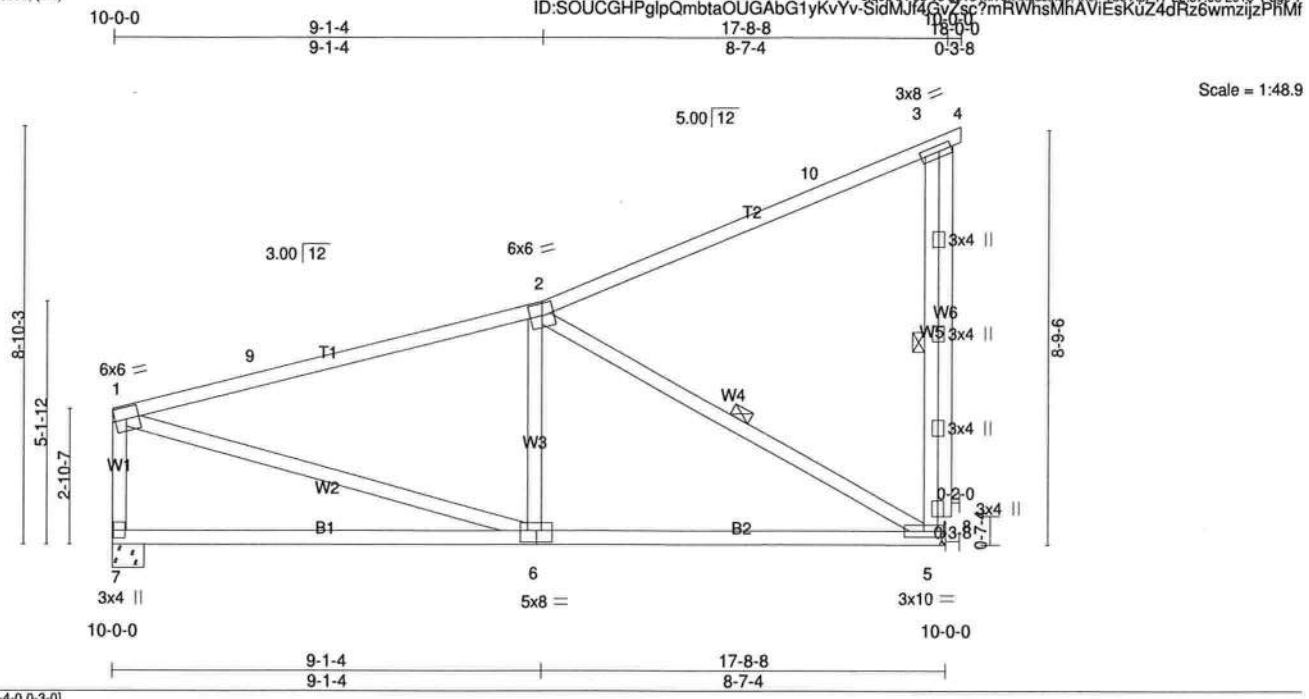

Plate Offsets (X,Y)-- [3:0-3-3,0-1-8], [6:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.95	Vert(LL)	-0.13	6-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.77	Vert(CT)	-0.27	6-7	>764	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	6	>999	240	Weight: 116 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1D *Except*
T2: 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W1: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-9-13 oc bracing.
WEBS 1 Row at midpt 3-5, 2-5

REACTIONS. (lb/size) 5=819/Mechanical, 7=776/0-8-0 (min. 0-1-8)
Max Horz 7=313(LC 12)
Max Uplift5=-266(LC 12), 7=-71(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-9=-873/40, 2-9=-798/52, 5-8=-322/224, 3-8=-322/224, 1-7=-696/173
BOT CHORD 6-7=-344/259, 5-6=-254/774
WEBS 2-5=-843/266, 1-6=0/680

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 18-0-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 5=266.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	A50	Monopitch Girder	1	3	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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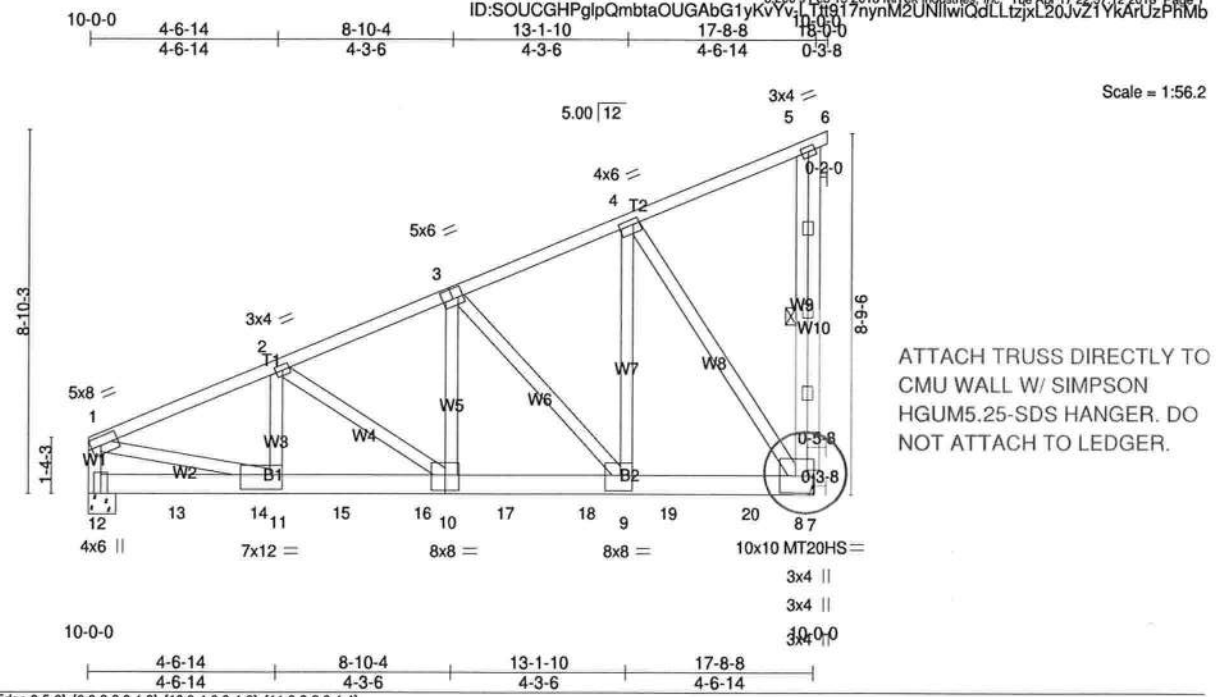

ATTACH TRUSS DIRECTLY TO CMU WALL W/ SIMPSON HGUM5.25-SDS HANGER. DO NOT ATTACH TO LEDGER.

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-1-12,0-1-8], [8:Edge,0-5-0], [9:0-3-8,0-4-8], [10:0-4-0,0-4-8], [11:0-3-8,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.71	Vert(LL)	-0.09	10-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.21	10-11	>999	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.89	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	10-11	>999	240	Weight: 441 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP M 24
WEBS 2x4 SP No.3 *Except*
W7,W1,W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-8

REACTIONS. (lb/size) 8=10129/Mechanical, 12=9387/0-8-0 (min. 0-1-11)
Max Horz 12=321(LC 8)
Max Uplift8=-2167(LC 8), 12=-1835(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-13388/2617, 2-3=-10972/2135, 3-4=-6011/1140, 1-12=-7931/1570
BOT CHORD 12-13=-520/1060, 13-14=-520/1060, 11-14=-520/1060, 11-15=-2661/12280, 15-16=-2661/12280, 10-16=-2661/12280, 10-17=-2118/9936, 17-18=-2118/9936, 9-18=-2118/9936, 9-19=-1163/5496, 19-20=-1163/5496, 8-20=-1163/5496
WEBS 2-11=-531/2215, 2-10=-2658/621, 3-10=-1282/6372, 3-9=-6524/1403, 4-9=-2047/10141, 4-8=-9792/2071, 1-11=-2197/11517

NOTES-
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-4-0 oc.
Webs 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) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=2167, 12=1835.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2239 lb down and 467 lb up at 2-1-4, 2239 lb down and 467 lb up at 4-1-4, 2239 lb down and 467 lb up at 6-1-4, 2239 lb down and 467 lb up at 8-1-4, 2239 lb down and 467 lb up at 10-1-4, 2239 lb down and 467 lb up at 12-1-4, and 2239 lb down and 467 lb up at 14-1-4, and 2239 lb down and 467 lb up at 16-1-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-70, 5-6=-70, 7-12=-20
Concentrated Loads (lb)
Vert: 13=-2239(B) 14=-2239(B) 15=-2239(B) 16=-2239(B) 17=-2239(B) 18=-2239(B) 19=-2239(B) 20=-2239(B)

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0
2. ATTACH RT. END OF TRUSS DIRECLTY TO MASONRY WALL.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B01	Monopitch	12	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:16 2018 Page 1
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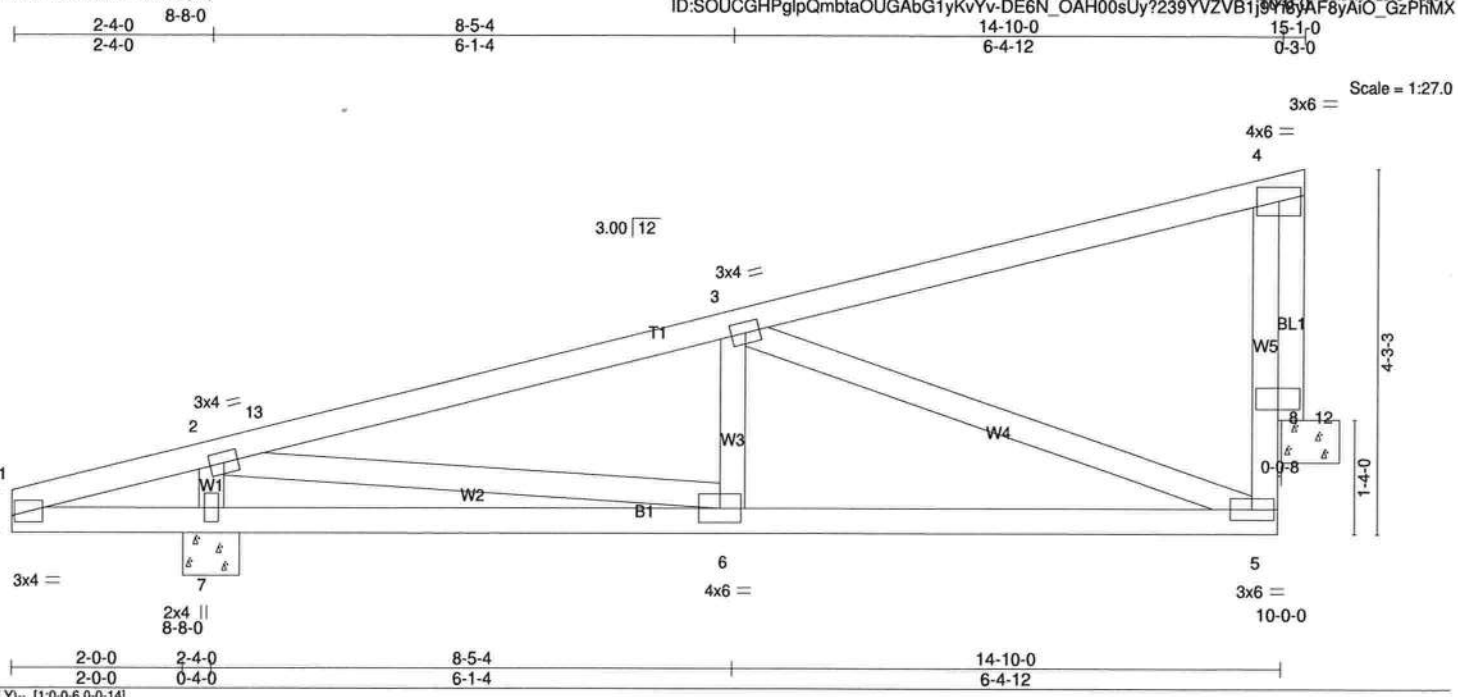

Plate Offsets (X,Y)-- [1:0-0-6,0-0-14]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	-0.04	5-6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.09	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	6	>999	240	Weight: 76 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 7=806/0-8-0 (min. 0-1-8), 12=512/0-8-0 (min. 0-1-8)
Max Horz 7=140(LC 12)
Max Uplift7=-207(LC 12), 12=-117(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-946/111, 3-13=-853/122, 5-8=-37/347, 4-8=-37/347
BOT CHORD 5-6=-202/870
WEBS 2-7=-694/346, 3-5=-814/189, 2-6=-268/875, 4-12=-526/126

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 14-7-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
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 100 lb uplift at joint(s) except (jt=lb) 7=207, 12=117.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B02	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:21 2018 Page 1

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13-0-0

13-0-0

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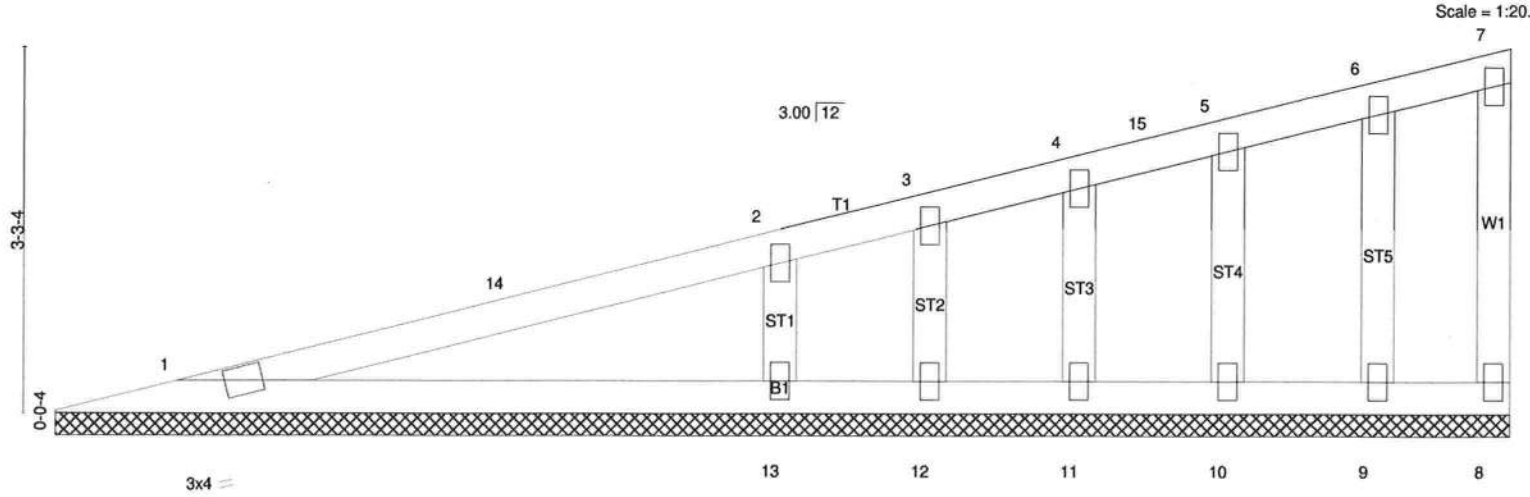

8-2-12

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	-0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 55 lb	FT = 20%

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

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.

REACTIONS. All bearings 13-0-0.
(lb) - Max Horz 1=112(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 1, 8, 11, 10, 9 except 13=-130(LC 12), 12=-170(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 1, 8, 12, 11, 10, 9 except 13=589(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-13=-432/413

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 1-1-3 to 4-1-3, Exterior(2) 4-1-3 to 12-10-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 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) 1, 8, 11, 10, 9 except (jt=lb) 13=130, 12=170.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B03	MONOPITCH	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:24 2018 Page 1
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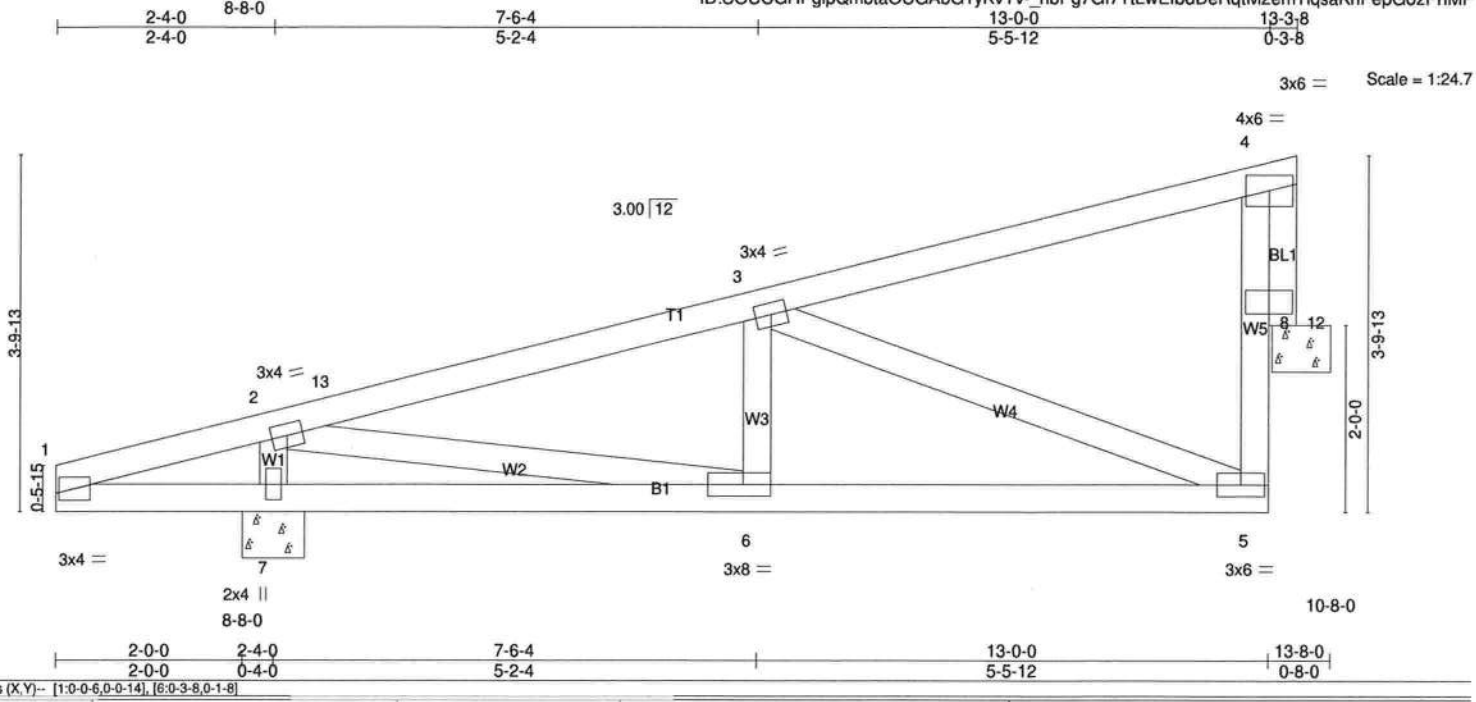

Plate Offsets (X,Y)-- [1:0-0-6,0-0-14], [6:0-3-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.02	5-6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	-0.06	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.03	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	6	>999	240	Weight: 66 lb	FT = 20%

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

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.

REACTIONS. (lb/size) 7=727/0-8-0 (min. 0-1-8), 12=430/0-7-10 (min. 0-1-8)
Max Horz 7=123(LC 12)
Max Uplift7=-194(LC 12), 12=-98(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-262/103, 2-13=-752/80, 3-13=-673/90, 5-8=-29/290, 4-8=-29/290
BOT CHORD 1-7=-67/257, 5-6=-159/689
WEBS 2-7=-617/325, 2-6=-253/765, 3-5=-639/147, 4-12=-460/111

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 12-10-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
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 100 lb uplift at joint(s) 12 except (jt=lb) 7=194.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B04	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:29 2018 Page 1

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9-6-12

7-3-0

14-6-0

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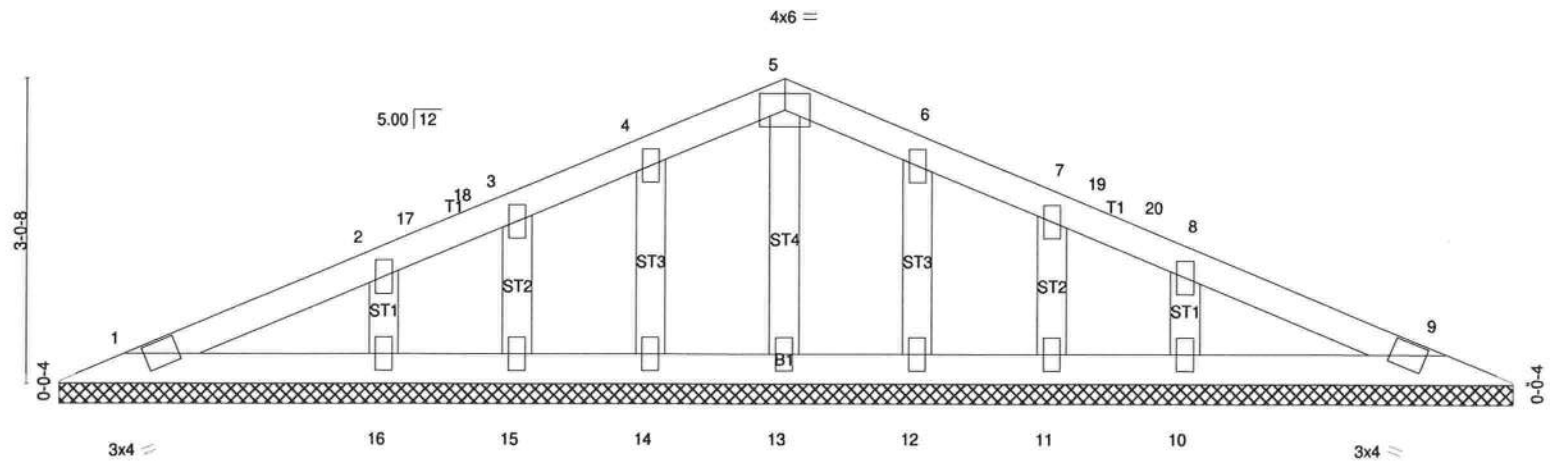

9-6-12

14-6-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 59 lb	FT = 20%

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

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. All bearings 14-6-0.
(lb) - Max Horz 1=-62(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 9, 14, 15, 16, 12, 11, 10
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 13, 14, 15, 16, 12, 11, 10

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=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-8-2 to 3-8-2, Exterior(2) 3-8-2 to 7-3-0, Corner(3) 7-3-0 to 10-3-0 zone; cantilever left and right exposed ; end vertical left 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 requires continuous bottom chord bearing.
6) Gable studs spaced at 1-4-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9, 14, 15, 16, 12, 11, 10.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. TRUSS VERTICAL MEMBERS MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B05	Common	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:32 2018 Page 1

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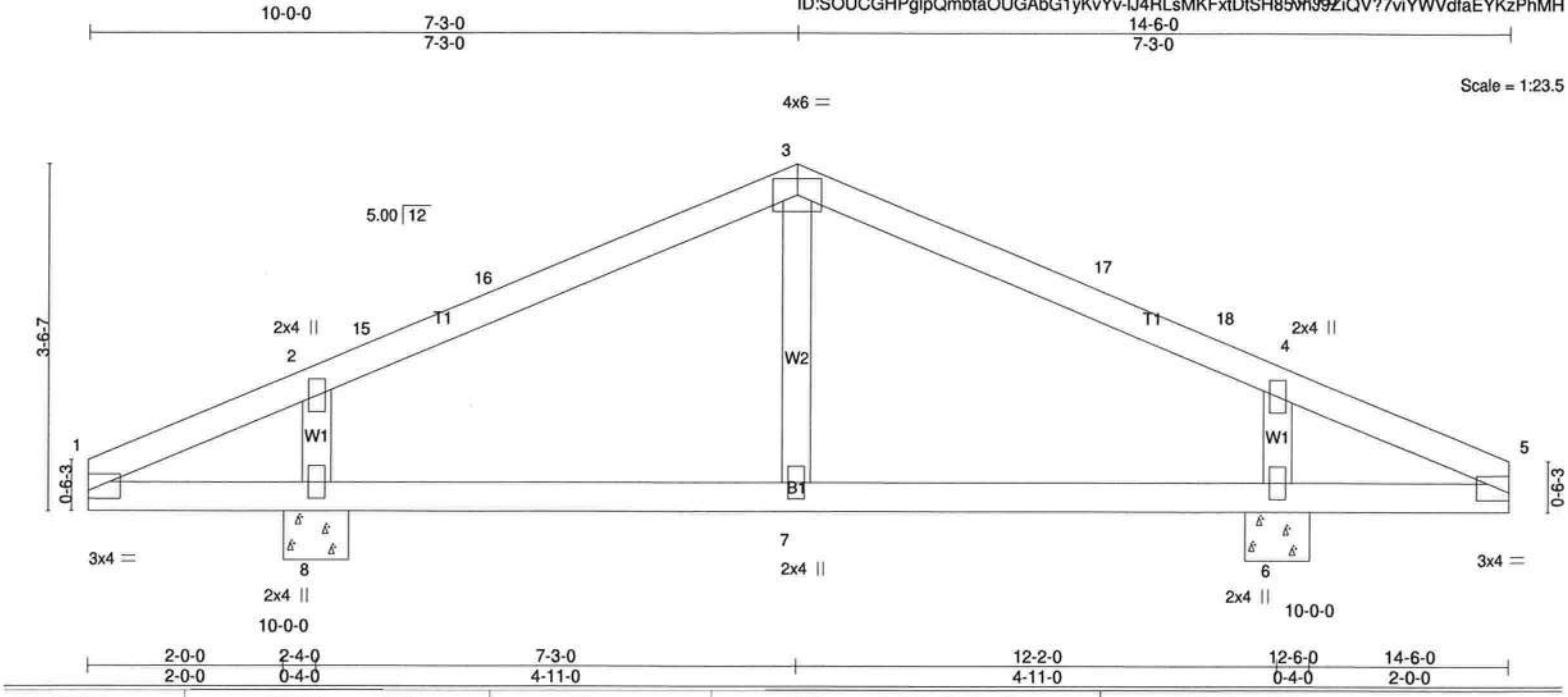

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.07	7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.15	7	>775	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.06	7	>999	240	Weight: 52 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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) 8=653/0-8-0 (min. 0-1-8), 6=653/0-8-0 (min. 0-1-8)
Max Horz 8=-68(LC 10)
Max Uplift8=-201(LC 12), 6=-121(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-325/63, 15-16=-307/64, 17-18=-307/65, 4-18=-325/61
WEBS 2-8=-423/281, 4-6=-423/281

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 7-3-0, Exterior(2) 7-3-0 to 10-3-0 zone; cantilever left and right exposed ; end vertical left 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=201, 6=121.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B06	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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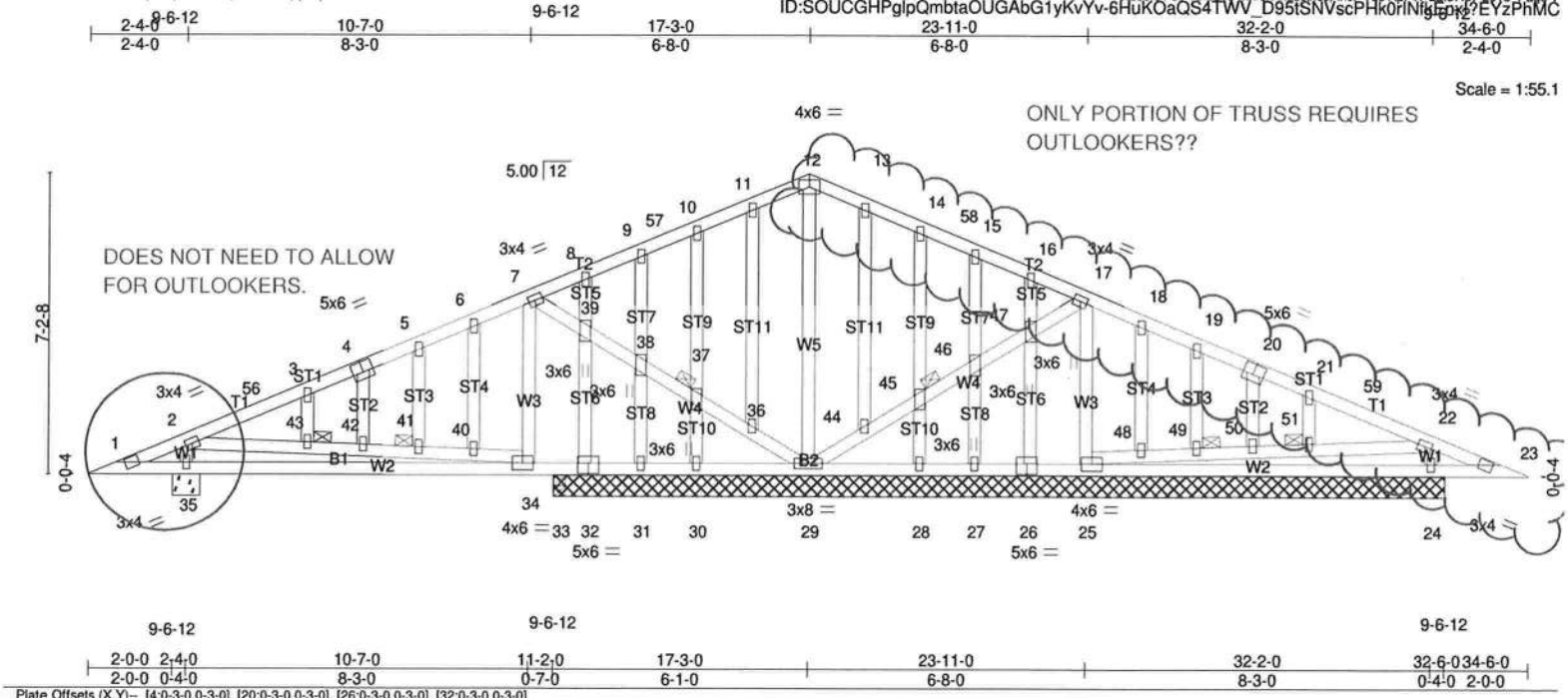

Plate Offsets (X,Y)-- [4:0-3-0,0-3-0], [20:0-3-0,0-3-0], [26:0-3-0,0-3-0], [32:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.09	34-35	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.18	34-35	>583	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.01	24	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	34-35	>999	240	Weight: 257 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 37, 41, 43, 45, 49, 51

REACTIONS. All bearings 21-4-0 except (jt=length) 35=0-8-0, 33=0-3-8.
(lb) - Max Horz 35=176(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 24, 30, 31, 28, 27 except 29=-131(LC 12), 25=-104(LC 12), 35=-118(LC 12), 32=-353(LC 21), 26=-245(LC 3), 33=-196(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 30, 31, 32, 28, 27, 26 except 29=765(LC 1), 25=697(LC 22), 24=442(LC 22), 35=561(LC 21), 33=570(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-373/0, 8-9=-71/308, 9-57=-42/280, 10-57=-38/310, 10-11=0/296, 11-12=0/310, 12-13=0/311, 13-14=-2/294, 14-58=-41/309, 15-58=-45/277, 15-16=-75/319, 22-23=-316/35
BOT CHORD 1-35=-44/422, 34-35=-95/554, 24-25=-77/367, 23-24=-77/367
WEBS 12-29=-337/63, 17-25=-416/206, 25-48=-507/227, 48-49=-503/225, 49-50=-501/224, 50-51=-495/221, 22-51=-495/221, 22-24=-360/353, 7-39=-471/116, 38-39=-422/107, 37-38=-462/121, 36-37=-432/102, 29-36=-468/123, 2-43=-350/181, 42-43=-350/181, 41-42=-357/184, 40-41=-358/185, 34-40=-361/186, 2-35=-449/358

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=0.0psf~~; h=15ft; B=45ft; L=35ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-2 to 4-1-9, Interior(1) 4-1-9 to 17-3-0, Exterior(2) 17-3-0 to 20-8-6 zone; cantilever left and right exposed ; end vertical left 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 1-4-0 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) 24, 30, 31, 28, 27 except (jt=lb) 29=131, 25=104, 35=118, 32=353, 26=245, 33=196.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B07	Common	3	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:41 2018 Page 1

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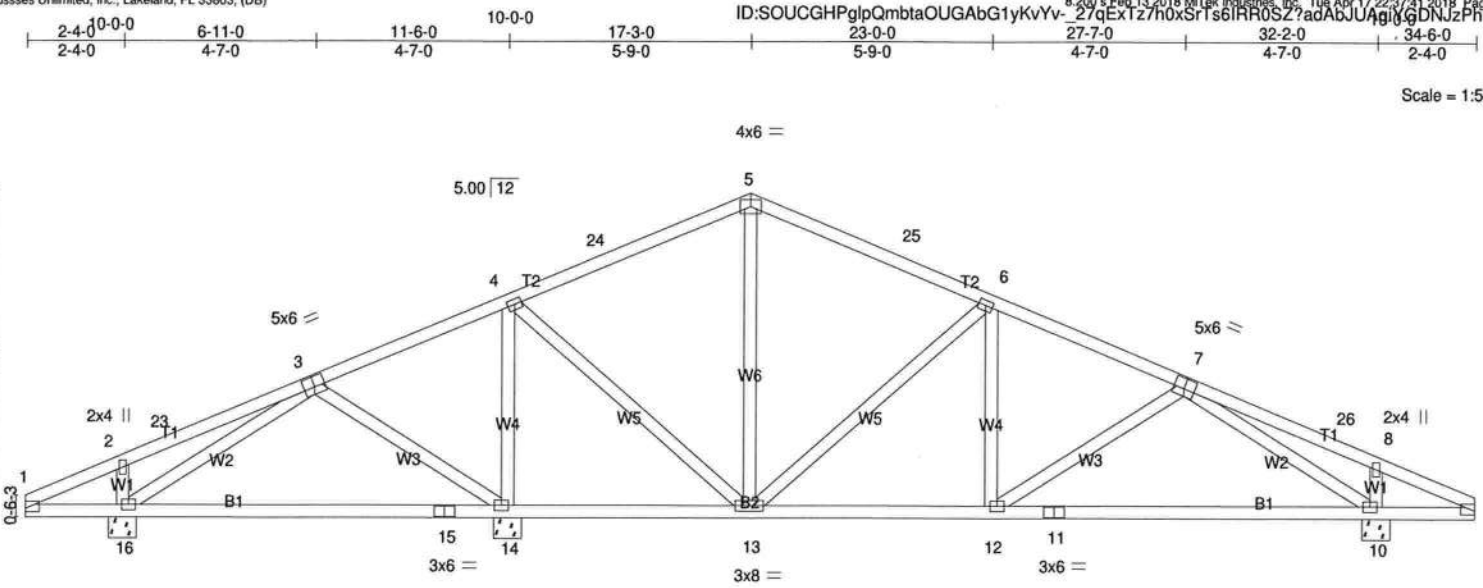

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [7:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	-0.14	10-12	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.29	10-12	>867	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.03	12	>999	240	Weight: 187 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 10=1074/0-8-0 (min. 0-1-8), 14=1558/0-8-0 (min. 0-1-13), 16=473/0-8-0 (min. 0-1-8)
Max Horz 16=-183(LC 10)
Max Uplift10=-208(LC 12), 14=-313(LC 12), 16=-157(LC 12)
Max Grav 10=1074(LC 1), 14=1558(LC 1), 16=527(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-39/349, 4-24=-487/222, 5-24=-409/233, 5-25=-404/230, 6-25=-486/218, 6-7=-961/261
BOT CHORD 13-14=-291/191, 12-13=-88/836, 11-12=-154/895, 10-11=-154/895
WEBS 6-13=-639/190, 6-12=0/316, 7-10=-1076/388, 8-10=-282/239, 4-13=-179/838, 4-14=-1208/393, 3-14=-351/148, 2-16=-266/234

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=35ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-5-6, Interior(1) 3-5-6 to 17-3-0, Exterior(2) 17-3-0 to 20-8-6 zone; cantilever left and right exposed ; end vertical 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 3x4 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=208, 14=313, 16=157.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. (1) OF THE TRUSS B07 NEEDS TO BE DESIGNED FOR AN ADDITIONAL UPLIFT WIND LOADS OF -335 PLF (ULT.) ALONG ITS ENTIRE LENGTH PER NOTE 48 ON S3.0.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B08	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:46 2018 Page 1

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7-6-12 | 19-1-0 | 38-2-0

19-1-0 | 19-1-0

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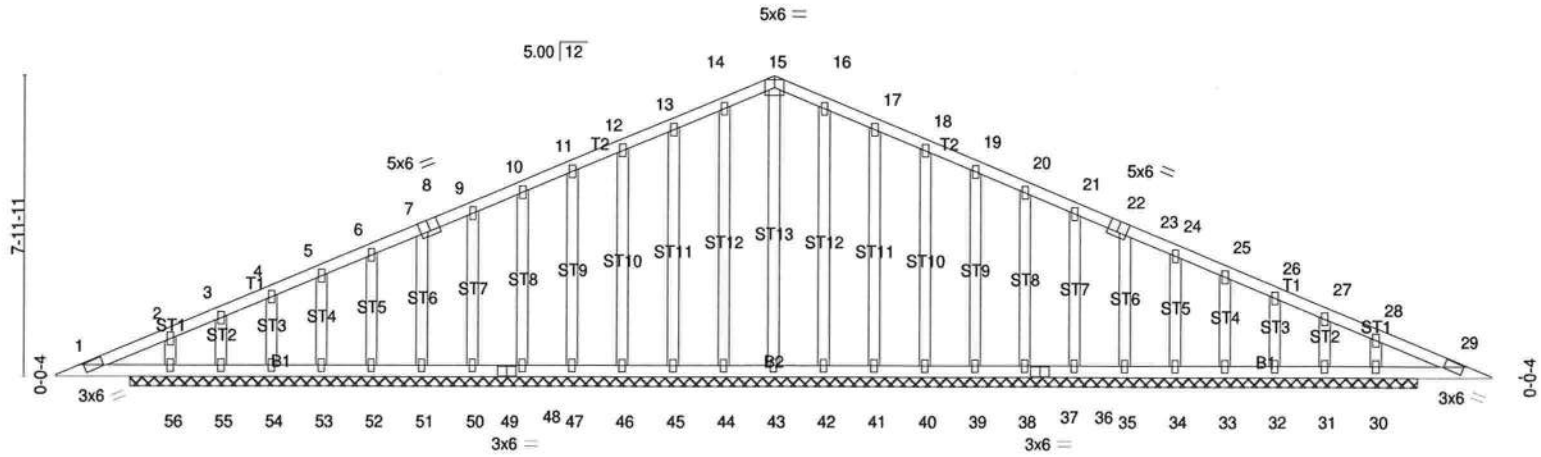

7-6-12 | 38-2-0

2-0-0 | 36-2-0

Plate Offsets (X,Y)-- [7:0-1-14,0-0-0], [8:0-3-0,Edge], [8:0-0-0,0-1-12], [22:0-3-0,Edge], [22:0-0-0,0-1-12], [23:0-1-14,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.01	30	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 263 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 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.

REACTIONS. All bearings 34-2-0.
(lb) - Max Horz 56=-202(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 42, 41, 40, 39, 38, 36, 35, 34, 33, 32 except 55=-132(LC 11), 56=-155(LC 12), 31=-103(LC 10), 30=-121(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 43, 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 55, 42, 41, 40, 39, 38, 36, 35, 34, 33, 32, 31 except 56=360(LC 21), 30=360(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 14-15=-38/271, 15-16=-38/271
WEBS 2-56=-229/264, 28-30=-229/263

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=38ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-8-2 to 4-5-0, Exterior(2) 4-5-0 to 19-1-0, Corner(3) 19-1-0 to 23-1-0 zone; cantilever left and right exposed ; end vertical left 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 1-4-0 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) 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 42, 41, 40, 39, 38, 36, 35, 34, 33, 32 except (jt=lb) 55=132, 56=155, 31=103, 30=121.
9) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. VERITCAL TRUSS MEMBERS MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B09	Common	3	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:51 2018 Page 1

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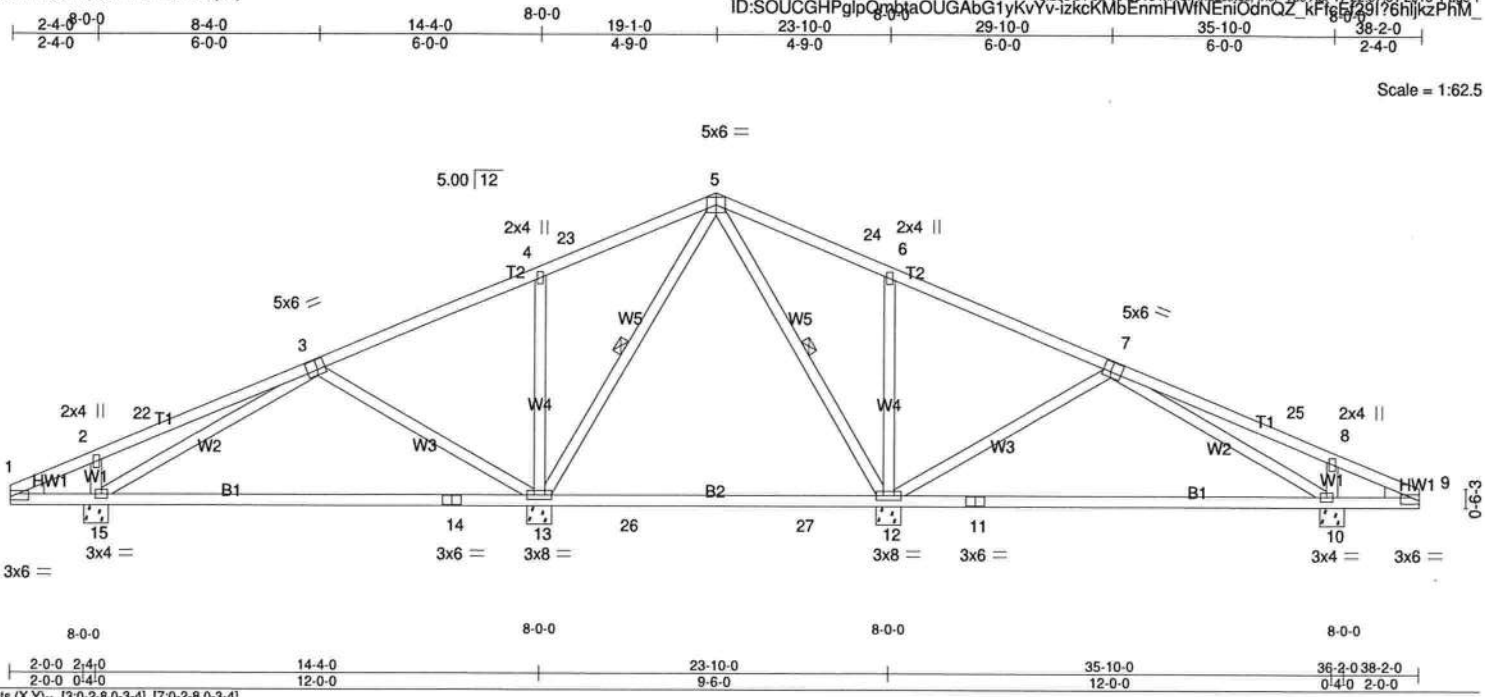

Plate Offsets (X,Y)-- [3:0-2-8,0-3-4], [7:0-2-8,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.29	12-13	>394	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.57	13-15	>255	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	-0.01	13-15	>999	240	Weight: 208 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1D
BOT CHORD 2x4 SP M 31 *Except*
B2: 2x4 SP No.1D
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

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, Except:
6-0-0 oc bracing: 12-13.
WEBS 1 Row at midpt 5-12, 5-13

REACTIONS. All bearings 0-8-0.
(lb) - Max Horz 15=-210(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 12=-231(LC 12), 10=-105(LC 12), 13=-233(LC 12), 15=-173(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 12=1115(LC 18), 10=678(LC 22), 13=1144(LC 17), 15=678(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-287/0, 2-22=-288/0, 3-22=-259/7, 3-4=-80/262, 7-25=-259/0, 8-25=-288/0, 8-9=-287/0
BOT CHORD 14-15=-40/354, 13-14=-40/354, 11-12=0/279, 10-11=0/279
WEBS 6-12=-411/254, 7-12=-483/236, 8-10=-325/292, 4-13=-412/254, 3-13=-494/230, 2-15=-324/292

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-9-13, Interior(1) 3-9-13 to 19-1-0, Exterior(2) 19-1-0 to 22-10-13 zone; cantilever left and right exposed ; end vertical left 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 231 lb uplift at joint 12, 105 lb uplift at joint 10, 233 lb uplift at joint 13 and 173 lb uplift at joint 15.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. (1) TRUSS B09 NEEDS TO BE DESIGNED FOR AN ADDITIONAL UPLIFT OF -335 PLF (ULT) WIND LOADS ALONG ITS ENTIRE LENGTH. SEE PLAN ON THIS SUBMITTAL FOR EXACT TRUSS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B10	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:37:55 2018 Page 1
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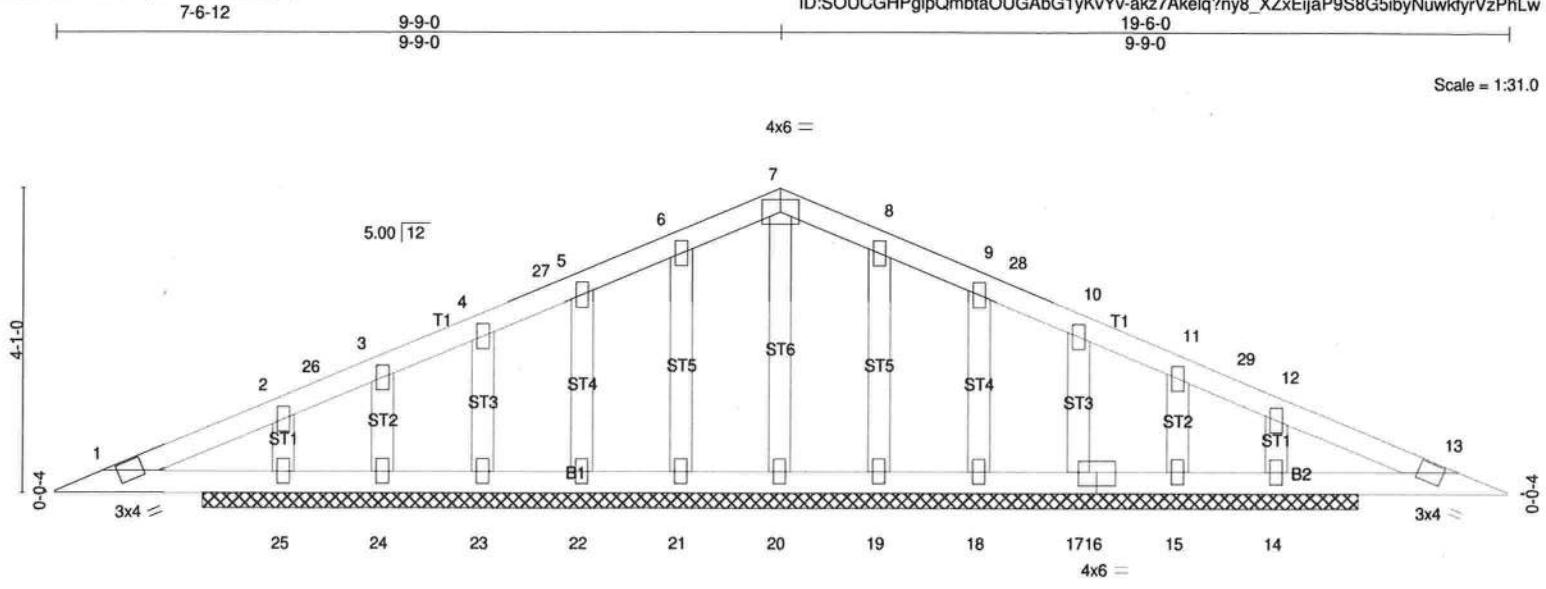

Plate Offsets (X,Y)-- [16:0-0-0,0-1-12], [16:0-3-0,0-1-4], [17:0-1-12,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 91 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 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.

REACTIONS. All bearings 15-6-0.
(lb) - Max Horz 25=-85(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 21, 22, 23, 24, 19, 18, 17, 15 except 25=-168(LC 12), 14=-117(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 20, 21, 22, 23, 24, 19, 18, 17, 15 except 25=329(LC 21), 14=329(LC 22)

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=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-8-2 to 3-8-2, Exterior(2) 3-8-2 to 9-9-0, Corner(3) 9-9-0 to 12-9-0 zone; cantilever left and right exposed ; end vertical left 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 1-4-0 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) 21, 22, 23, 24, 19, 18, 17, 15 except (jt=lb) 25=168, 14=117.
9) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. TRUSS VERTICAL MEMBERS MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	B11	Common	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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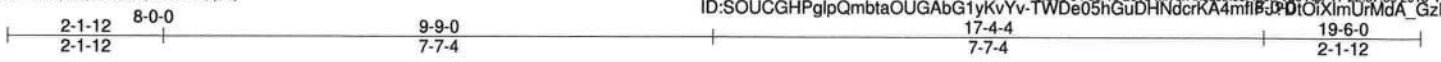

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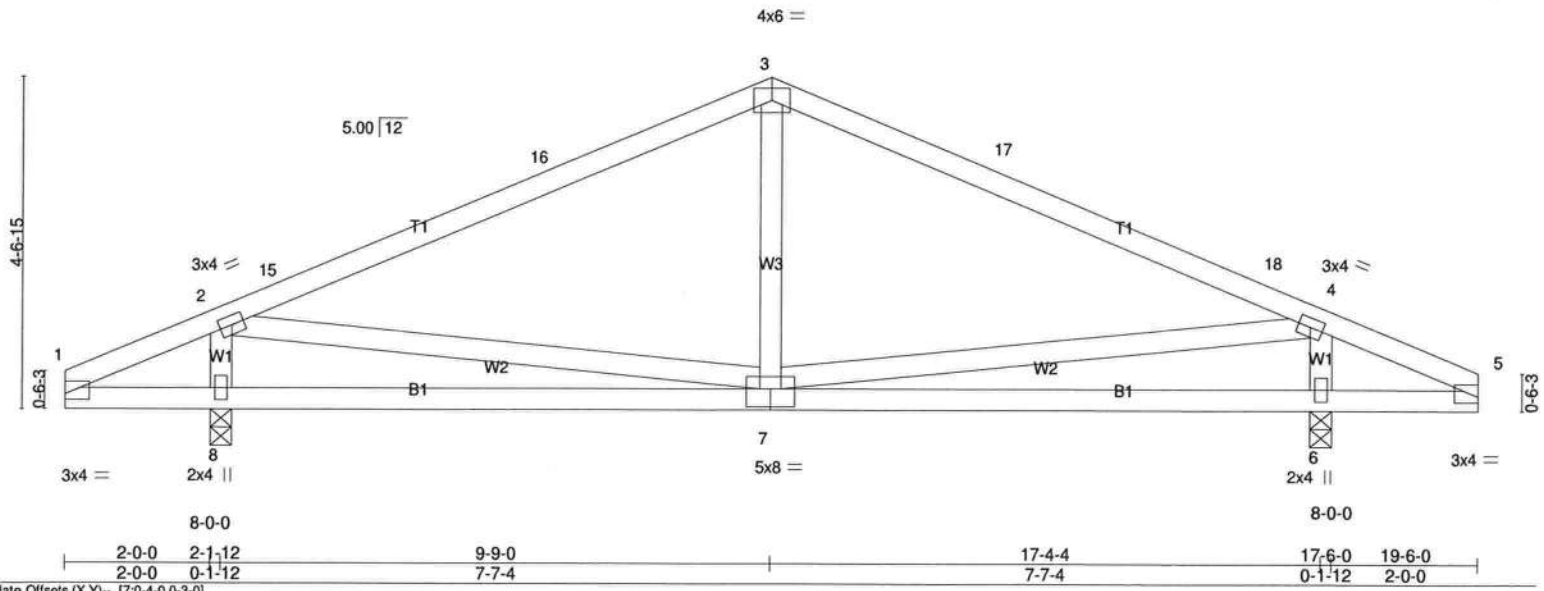

Plate Offsets (X,Y)-- [7:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.75	Vert(LL)	-0.05	6-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.12	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.01	6-7	>999	240	Weight: 91 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=878/0-3-8 (min. 0-1-8), 8=878/0-3-8 (min. 0-1-8)
Max Horz 8=-92(LC 10)
Max Uplift6=-169(LC 12), 8=-236(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-791/167, 15-16=-682/178, 3-16=-667/189, 3-17=-667/189, 17-18=-682/178, 4-18=-791/167
BOT CHORD 7-8=-61/279
WEBS 4-7=-123/476, 4-6=-795/426, 2-7=-123/474, 2-8=-795/426

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 9-9-0, Exterior(2) 9-9-0 to 12-9-0 zone; cantilever left and right exposed ; end vertical left 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=169, 8=236.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. (1) TRUSS B11 NEEDS TO BE DESIGNED FOR AN ADDITIONAL UPLIFT OF -335 PLF (ULT.) WIND LOAD ALONG ITS ENTIRE LENGTH. SEE PLAN THIS SUBMITTAL FOR EXACT TRUSS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C01	FLAT	15	1	Job Reference (optional)

DJ Trussses Unlimited Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:03 2018 Page 1

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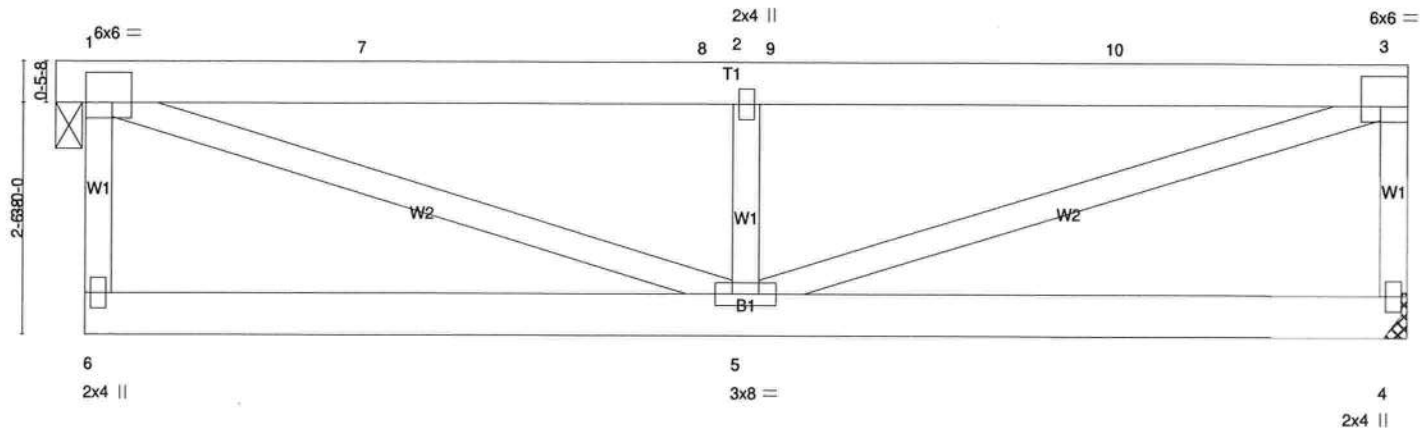

12-6-8 / -0-4-0 / 0-4-0 / 7-3-4 / 7-3-4 / 14-6-8 / 7-3-4 / 10-0-0

Plate Offsets (X,Y)-- [1:0-2-8,0-4-0], [3:Edge,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	-0.03	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	-0.07	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.01	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.03	5	>999	240	Weight: 99 lb	FT = 20%

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

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.

REACTIONS. (lb/size) 4=641/Mechanical, 1=641/0-3-8 (min. 0-1-8)
Max Horz 4=-88(LC 10)
Max Uplift4=-148(LC 9), 1=-147(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-569/241, 1-7=-1047/319, 7-8=-1047/319, 2-8=-1047/319, 2-9=-1047/319, 9-10=-1047/319, 3-10=-1047/319
WEBS 3-5=-320/1057, 2-5=-571/311, 1-5=-310/1057

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0~~psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 14-4-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=148, 1=147.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C02	FLAT	10	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:08 2018 Page 1

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12-6-8 | 15-0-8 | 10-0-0

-0-4-0 | 7-6-4 | 7-6-4

0-4-0 | 7-6-4 | 7-6-4

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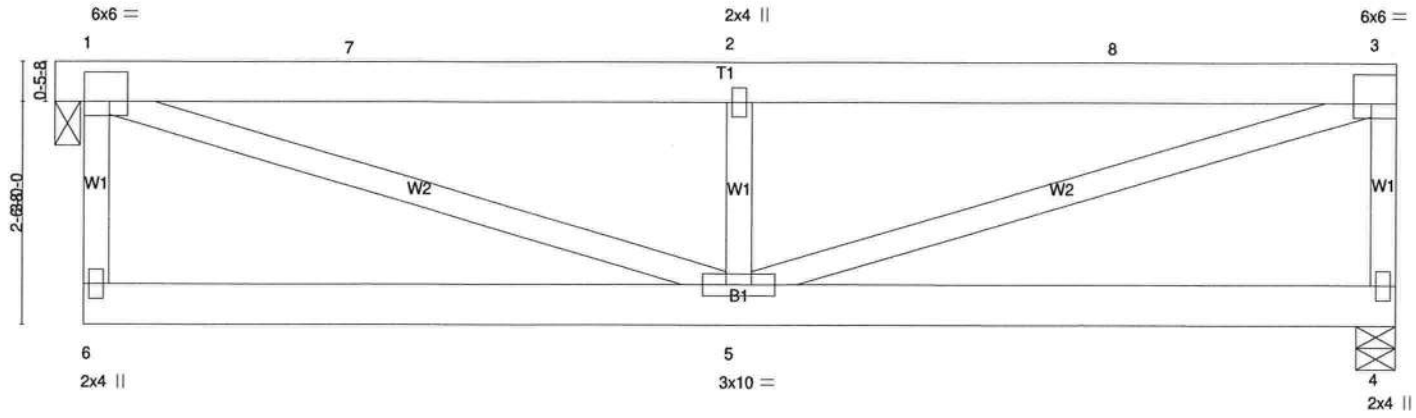

12-6-8 | 15-0-8 | 10-0-0

-0-4-0 | 7-6-4 | 7-6-4

0-4-0 | 7-6-4 | 7-6-4

Plate Offsets (X,Y)-- [1:0-2-8,0-4-0], [3:Edge,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.03	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	-0.07	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.01	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.03	5	>999	240	Weight: 102 lb	FT = 20%

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

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.

REACTIONS. (lb/size) 4=664/0-5-8 (min. 0-1-8), 1=664/0-3-8 (min. 0-1-8)
Max Horz 4=-88(LC 10)
Max Uplift4=-152(LC 9), 1=-151(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-589/245, 1-7=-1122/336, 2-7=-1122/336, 2-8=-1122/336, 3-8=-1122/336
WEBS 3-5=-336/1128, 2-5=-590/320, 1-5=-326/1128

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 14-10-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=152, 1=151.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C03	FLAT	15	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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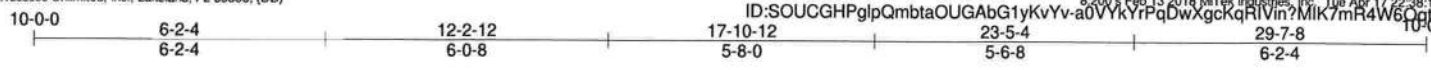

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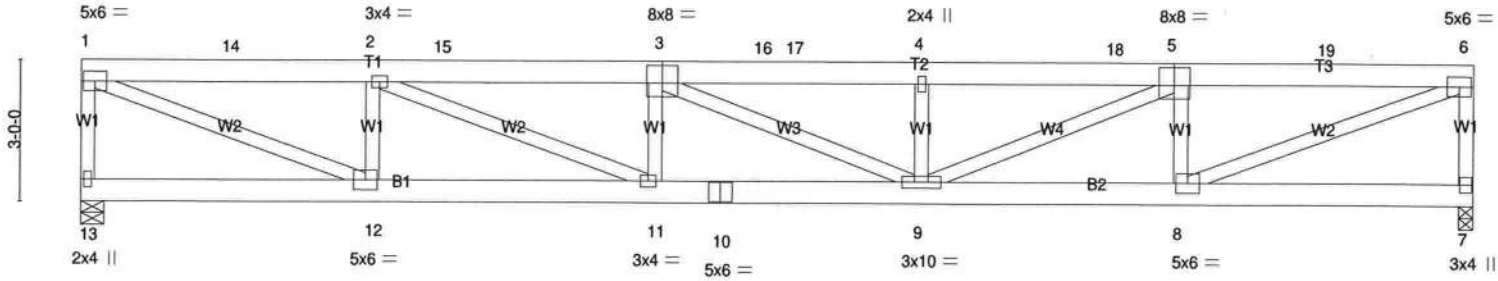

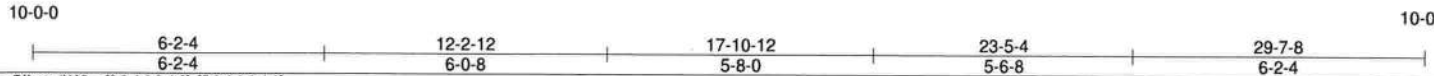

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [5:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.18	9-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.42	9-11	>846	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.18	9-11	>999	240	Weight: 201 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-12 oc bracing.

REACTIONS. (lb/size) 13=1320/0-6-0 (min. 0-1-9), 7=1320/0-3-8 (min. 0-1-9)
Max Horz 13=-88(LC 10)
Max Uplift13=-257(LC 12), 7=-264(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-1250/389, 1-14=-2566/707, 2-14=-2566/707, 2-15=-3724/995, 3-15=-3724/995, 3-16=-3667/973, 16-17=-3667/973, 4-17=-3667/973, 4-18=-3667/973, 5-18=-3667/973, 5-19=-2542/677, 6-19=-2542/677, 6-7=-1248/393
BOT CHORD 11-12=-707/2566, 10-11=-1006/3745, 9-10=-1006/3745, 8-9=-698/2596
WEBS 1-12=-724/2726, 2-12=-944/369, 2-11=-321/1256, 3-11=-372/193, 4-9=-358/180, 5-9=-304/1184, 5-8=-942/363, 6-8=-717/2697

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 29-5-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=257, 7=264.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C04	FLAT	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:16 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-Tnk3avuwuSQz9Debg8aexrWyVk6Y0Jt_IVE25nzPhLb

10-0-0 | 6-2-4 | 12-2-12 | 18-3-4 | 23-9-12 | 30-0-0 | 10-0-0

6-2-4 | 6-0-8 | 6-0-8 | 5-6-8 | 6-2-4

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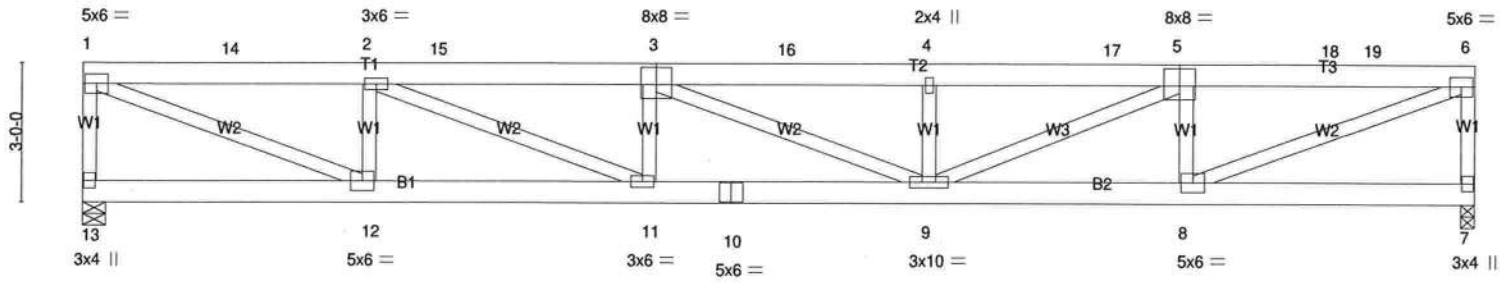

10-0-0 | 6-2-4 | 12-2-12 | 18-3-4 | 23-9-12 | 30-0-0 | 10-0-0

6-2-4 | 6-0-8 | 6-0-8 | 5-6-8 | 6-2-4

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [5:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.19	9-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.46	9-11	>769	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.18	9-11	>999	240	Weight: 204 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-0-15 oc bracing.

REACTIONS. (lb/size) 13=1376/0-6-0 (min. 0-1-10), 7=1523/0-3-8 (min. 0-1-13)
Max Horz 13=-88(LC 10)
Max Uplift13=-221(LC 12), 7=-81(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-1306/355, 1-14=-2697/624, 2-14=-2697/624, 2-15=-3995/833, 3-15=-3995/833, 3-16=-4035/710, 4-16=-4035/710, 4-17=-4035/710, 5-17=-4035/710, 5-18=-2900/366, 18-19=-2900/366, 6-19=-2900/366, 6-7=-1447/214
BOT CHORD 11-12=-624/2697, 10-11=-842/4019, 9-10=-842/4019, 8-9=-379/2963
WEBS 1-12=-634/2867, 2-12=-999/333, 2-11=-235/1408, 3-11=-427/162, 4-9=-394/170, 5-9=-366/1185, 5-8=-1095/230, 6-8=-392/3071

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 29-10-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 226.0lb AC unit load placed on the top chord, 24-8-0 from left end, supported at two points, 5-0-0 apart.
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) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 13=221.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C05	FLAT	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:21 2018 Page 1

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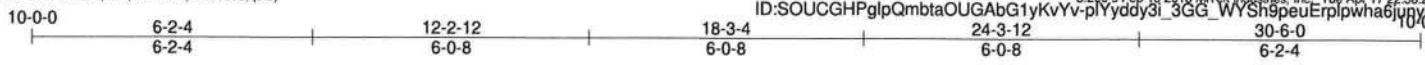

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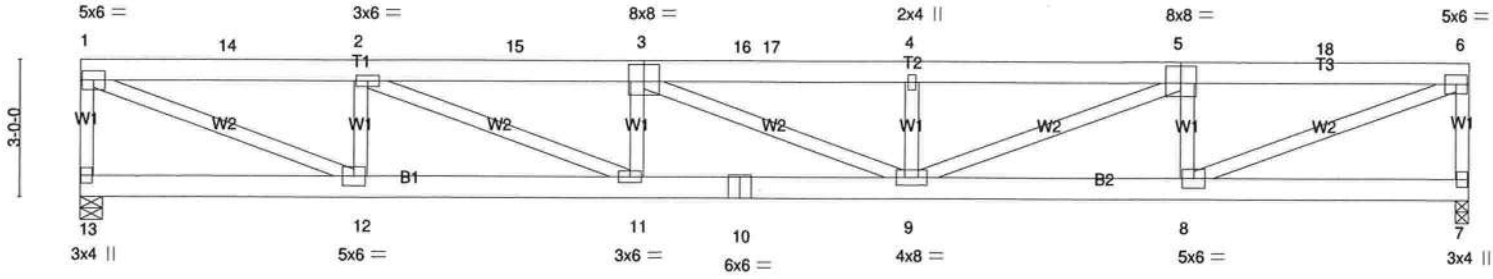

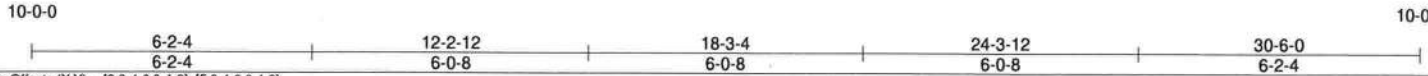

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [5:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	-0.20	9-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.50	9-11	>724	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.20	9-11	>999	240	Weight: 207 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-0-14 oc bracing.

REACTIONS. (lb/size) 13=1454/0-6-0 (min. 0-1-11), 7=1421/0-3-8 (min. 0-1-11)
Max Horz 13=-88(LC 10)
Max Uplift13=-170(LC 12), 7=-211(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-1382/306, 1-14=-2889/499, 2-14=-2889/499, 2-15=-4301/658, 3-15=-4301/658, 3-16=-4212/743, 16-17=-4212/743, 4-17=-4212/743, 4-5=-4212/743, 5-18=-2785/561, 6-18=-2785/561, 6-7=-1349/342
BOT CHORD 11-12=-499/2889, 10-11=-666/4328, 9-10=-666/4328, 8-9=-580/2845
WEBS 1-12=-499/3074, 2-12=-1080/282, 2-11=-180/1531, 3-11=-478/138, 4-9=-419/178, 5-9=-178/1490, 5-8=-1038/317, 6-8=-592/2959

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-2-6, Interior(1) 3-2-6 to 30-4-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 156.0lb AC unit load placed on the top chord, 12-0-0 from left end, supported at two points, 5-0-0 apart.
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) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=170, 7=211.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C06	FLAT	7	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:24 2018 Page 1

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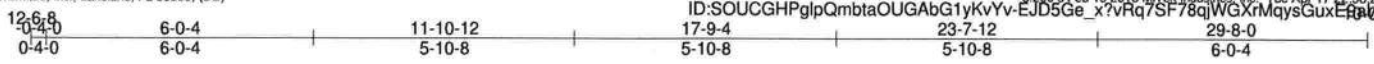

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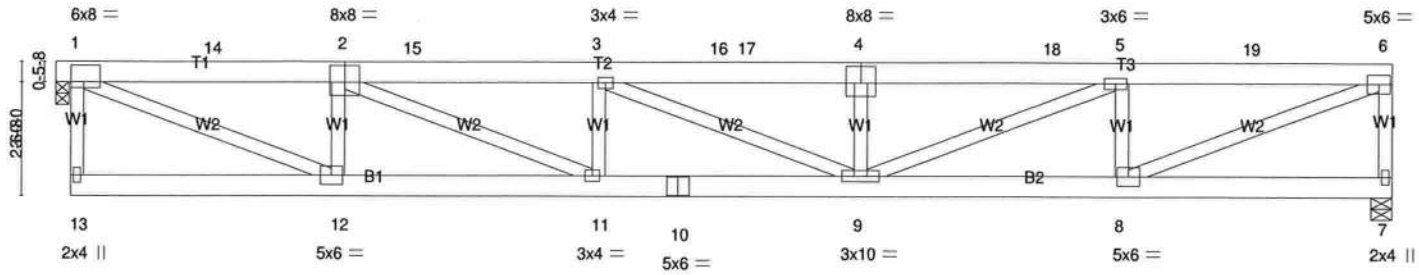

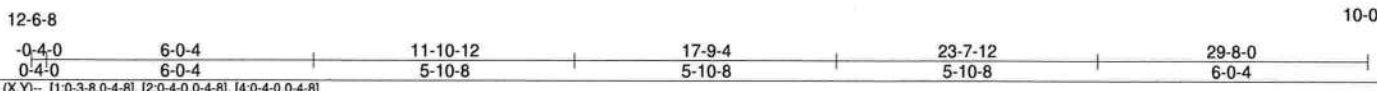

Plate Offsets (X,Y)-- [1:0-3-8,0-4-8], [2:0-4-0,0-4-8], [4:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	-0.18	9-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.41	9-11	>855	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	-0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.17	9-11	>999	240	Weight: 202 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-5-14 oc bracing.

REACTIONS. (lb/size) 1=1322/0-3-8 (min. 0-1-9), 7=1322/0-5-8 (min. 0-1-9)
Max Horz 1=-88(LC 10)
Max Uplift1=-265(LC 12), 7=-258(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-2499/678, 2-14=-2499/678, 2-15=-3709/982, 3-15=-3709/982, 3-16=-3709/974, 16-17=-3709/974, 4-17=-3709/974, 4-18=-3709/974, 5-18=-3709/974, 5-19=-2511/657, 6-19=-2511/657, 6-7=-1253/383
BOT CHORD 11-12=-699/2554, 10-11=-982/3709, 9-10=-982/3709, 8-9=-657/2511
WEBS 1-12=-699/2667, 2-12=-951/361, 2-11=-336/1264, 3-11=-396/205, 4-9=-404/204, 5-9=-346/1306, 5-8=-954/362, 6-8=-701/2680

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=30ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 29-6-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=265, 7=258.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C07	FLAT	20	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:29 2018 Page 1
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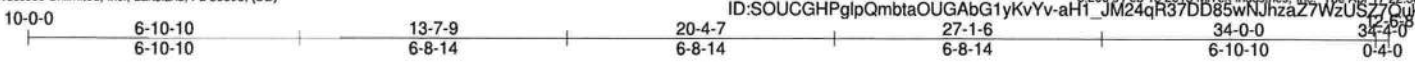

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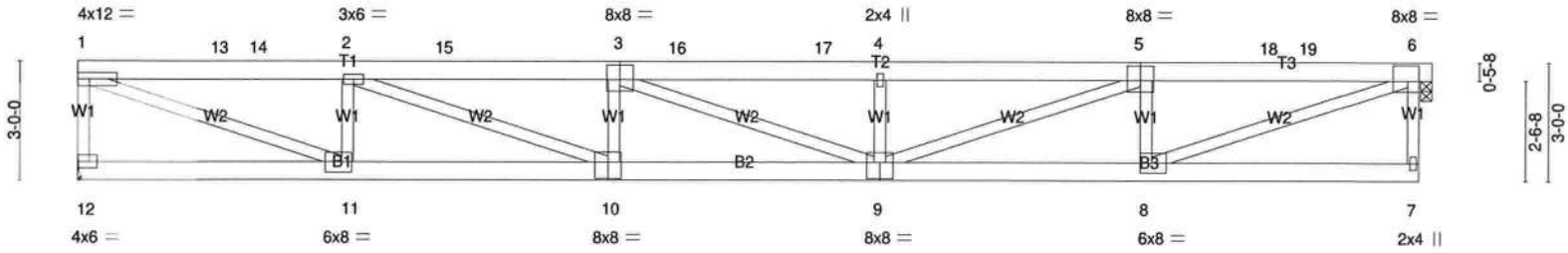

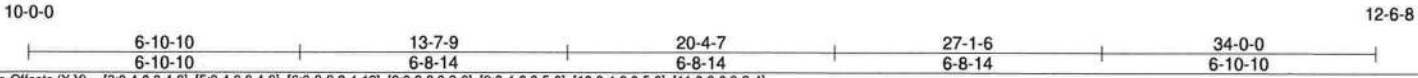

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [5:0-4-0,0-4-8], [6:0-3-8,0-4-12], [8:0-3-8,0-3-0], [9:0-4-0,0-5-0], [10:0-4-0,0-5-0], [11:0-3-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.75	Vert(LL)	-0.31	9-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.97	Vert(CT)	-0.78	9-10	>520	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	-0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.30	9-10	>999	240	Weight: 229 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) 12=2022/Mechanical, 6=1596/0-3-8 (min. 0-1-14)
Max Horz 12=-88(LC 10)
Max Uplift6=-224(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-1938/0, 1-13=-3918/288, 13-14=-3918/288, 2-14=-3918/288, 2-15=-5506/625, 3-15=-5506/625, 3-16=-5284/884, 16-17=-5284/884, 4-17=-5284/884, 4-5=-5284/884, 5-18=-3503/666, 18-19=-3503/666, 6-19=-3503/666
BOT CHORD 10-11=-288/3918, 9-10=-649/5561, 8-9=-686/3570
WEBS 1-11=-262/4113, 2-11=-1335/183, 2-10=-366/1702, 3-10=-481/211, 3-9=-393/0, 4-9=-417/252, 5-9=-212/1837, 5-8=-1171/339, 6-8=-691/3666

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=34ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-6-9, Interior(1) 3-6-9 to 33-10-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 584.0lb AC unit load placed on the top chord, 4-9-0 from left end, supported at two points, 9-0-0 apart.
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) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=224.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C08	FLAT	5	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:33 2018 Page 1

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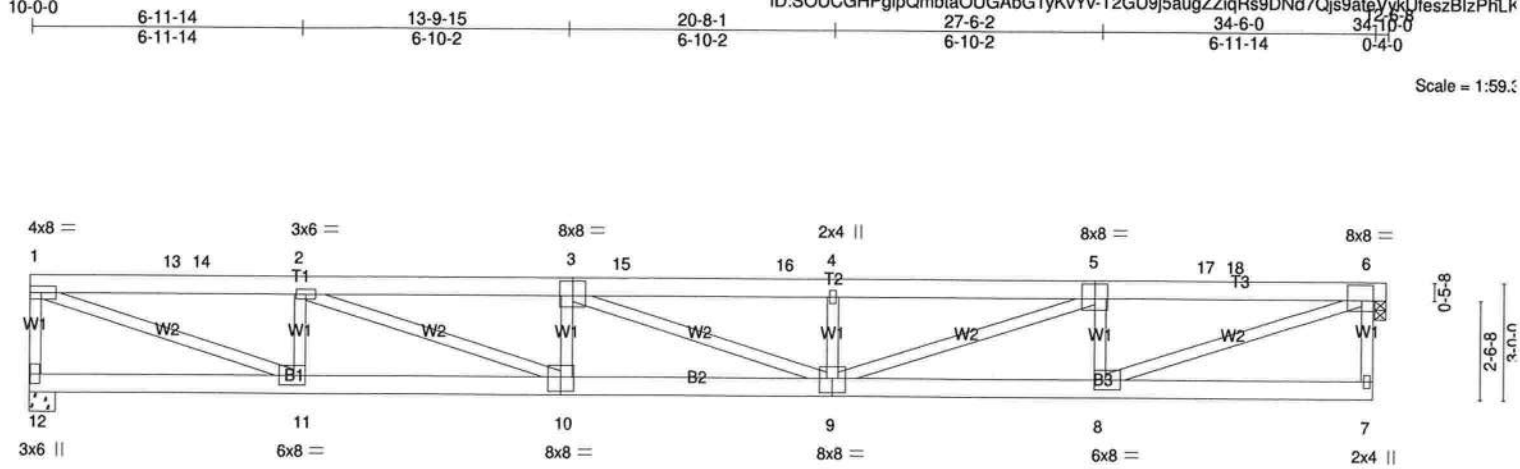

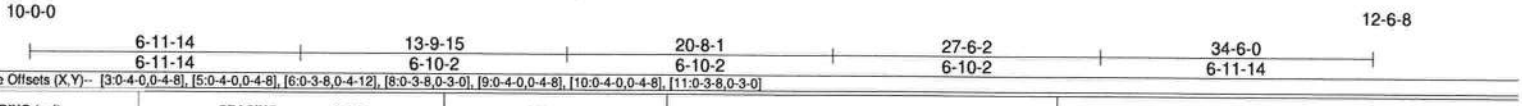

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [5:0-4-0,0-4-8], [6:0-3-8,0-4-12], [8:0-3-8,0-3-0], [9:0-4-0,0-4-8], [10:0-4-0,0-4-8], [11:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.33	9-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.74	9-10	>554	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	-0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.31	9-10	>999	240	Weight: 232 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-4-11 oc bracing.

REACTIONS. (lb/size) 12=1539/0-8-0 (min. 0-1-13), 6=1539/0-3-8 (min. 0-1-13)
Max Horz 12=-88(LC 10)
Max Uplift12=-301(LC 12), 6=-307(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-1459/452, 1-13=-3406/925, 13-14=-3406/925, 2-14=-3406/925, 2-3=-4993/1321, 3-15=-5027/1325, 15-16=-5027/1325, 4-16=-5027/1325, 4-5=-5027/1325, 5-17=-3393/901, 17-18=-3393/901, 6-18=-3393/901
BOT CHORD 10-11=-925/3406, 9-10=-1347/5047, 8-9=-925/3457
WEBS 1-11=-942/3555, 2-11=-1114/426, 2-10=-428/1698, 3-10=-470/233, 4-9=-451/228, 5-9=-428/1679, 5-8=-1108/424, 6-8=-937/3542

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=35ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-7-2, Interior(1) 3-7-2 to 34-4-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=301, 6=307.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	C09	FLAT	7	1	Job Reference (optional)

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ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-LqW?_595xv4_ASldO2SZHGubgCNPRqC4aGqAk3zPhLG

12-6-8 | -0-4-10 | 6-7-4 | 13-0-12 | 19-8-0 | 10-0-0

0-4-0 | 6-7-4 | 6-5-8 | 6-7-4

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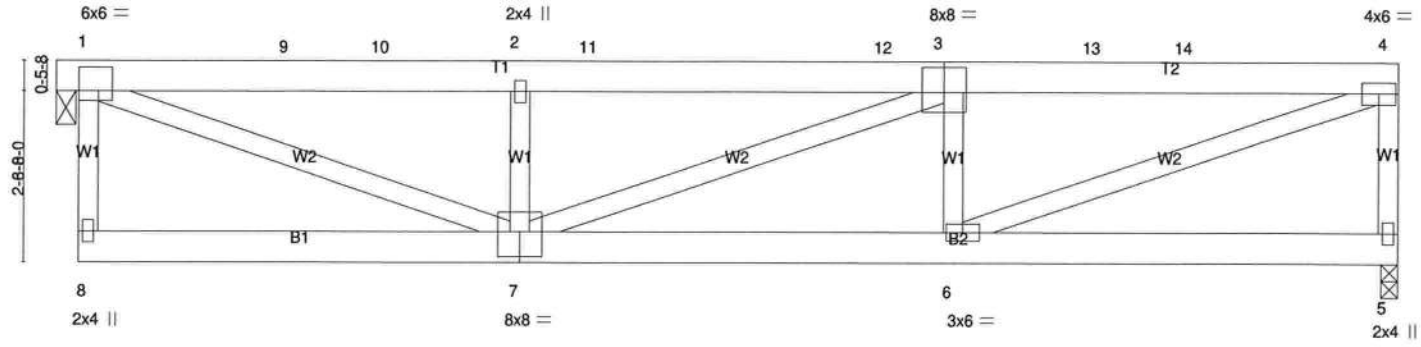

12-6-8 | -0-4-10 | 6-7-4 | 13-0-12 | 19-8-0 | 10-0-0

0-4-0 | 6-7-4 | 6-5-8 | 6-7-4

Plate Offsets (X,Y)-- [1:0-2-8,0-4-4], [3:0-4-0,0-4-8], [7:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	-0.06	6-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.32	Vert(CT)	-0.13	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.01	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.05	6-7	>999	240	Weight: 134 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=872/0-3-8 (min. 0-1-8), 5=872/0-3-0 (min. 0-1-8)
Max Horz 5=88(LC 11)
Max Uplift1=-186(LC 8), 5=-185(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-9=-1569/434, 9-10=-1569/434, 2-10=-1569/434, 2-11=-1569/434, 11-12=-1569/434, 3-12=-1569/434, 3-13=-1560/440, 13-14=-1560/440, 4-14=-1560/440, 4-5=-803/278
BOT CHORD 6-7=-454/1587
WEBS 1-7=-450/1632, 2-7=-465/246, 3-6=-470/250, 4-6=-436/1621

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 19-6-4 zone; cantilever left and right exposed ; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=186, 5=185.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	CJ1	Jack-Open	2	1	

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10-0-0 | 10-0-0 | Job Reference (optional)

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2-10-15 | 11-4-6

2-10-15

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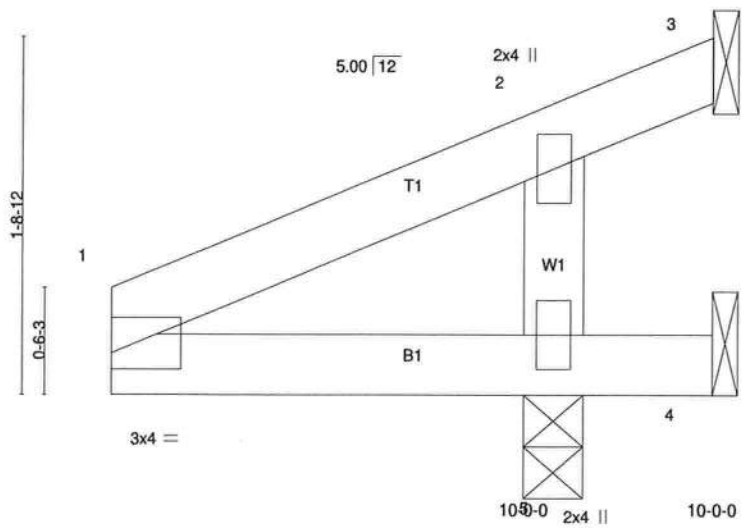

2-3-8 | 2-10-15

2-3-8 | 0-7-7

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.20	Vert(LL)	0.00	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	0.00	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	-0.02	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.00	5	>999	240	Weight: 10 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=-121/Mechanical, 4=-142/Mechanical, 5=519/0-3-8 (min. 0-1-8)
Max Horz 5=45(LC 12)
Max Uplift3=-121(LC 1), 4=-142(LC 1), 5=-199(LC 12)
Max Grav3=37(LC 12), 4=53(LC 12), 5=519(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-284/310

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=121, 4=142, 5=199.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	CJ3	Jack-Open	2	1	Job Reference (optional)

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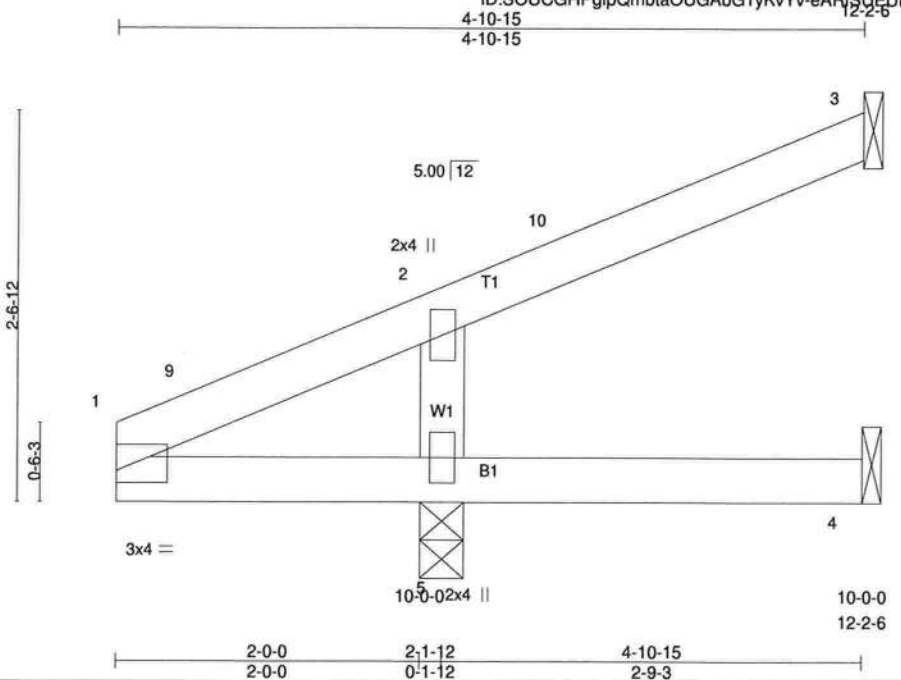

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	0.00	4-5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	0.01	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	-0.03	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.01	4-5	>999	240	Weight: 17 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=51/Mechanical, 4=-6/Mechanical, 5=391/0-3-8 (min. 0-1-8)
Max Horz 5=77(LC 12)
Max Uplift3=-37(LC 12), 4=-6(LC 1), 5=-125(LC 12)
Max Grav 3=60(LC 17), 4=22(LC 3), 5=391(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-264/273

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 4-10-3 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 5=125.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	CJ5	Jack-Open	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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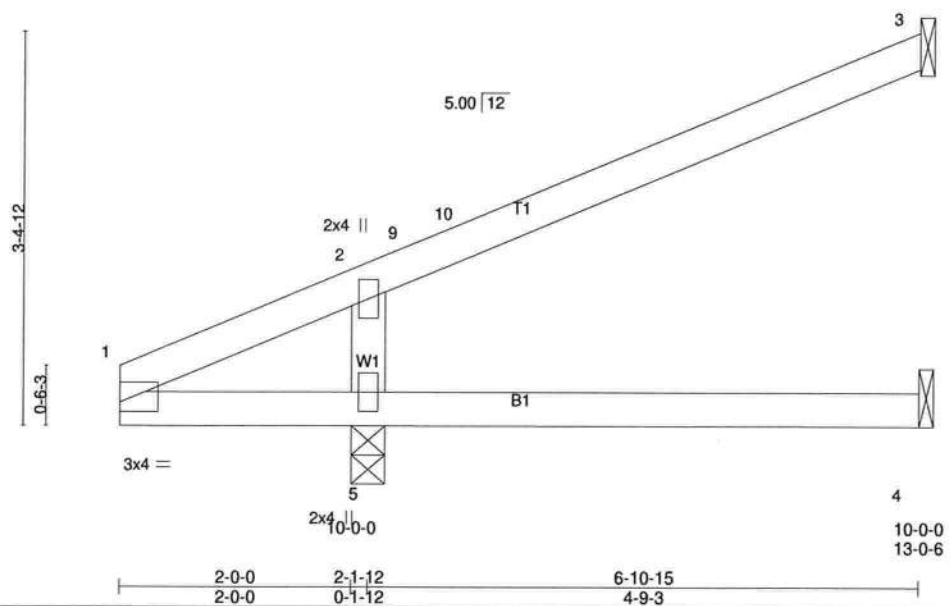

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	-0.02	4-5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	-0.03	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	-0.03	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.02	4-5	>999	240	Weight: 23 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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) 3=131/Mechanical, 4=36/Mechanical, 5=449/0-3-8 (min. 0-1-8)
Max Horz 5=109(LC 12)
Max Uplift3=-75(LC 12), 5=-123(LC 12)
Max Grav 3=135(LC 17), 4=75(LC 3), 5=449(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-354/318

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 6-10-3 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 5=123.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	EJ7	Jack-Open	4	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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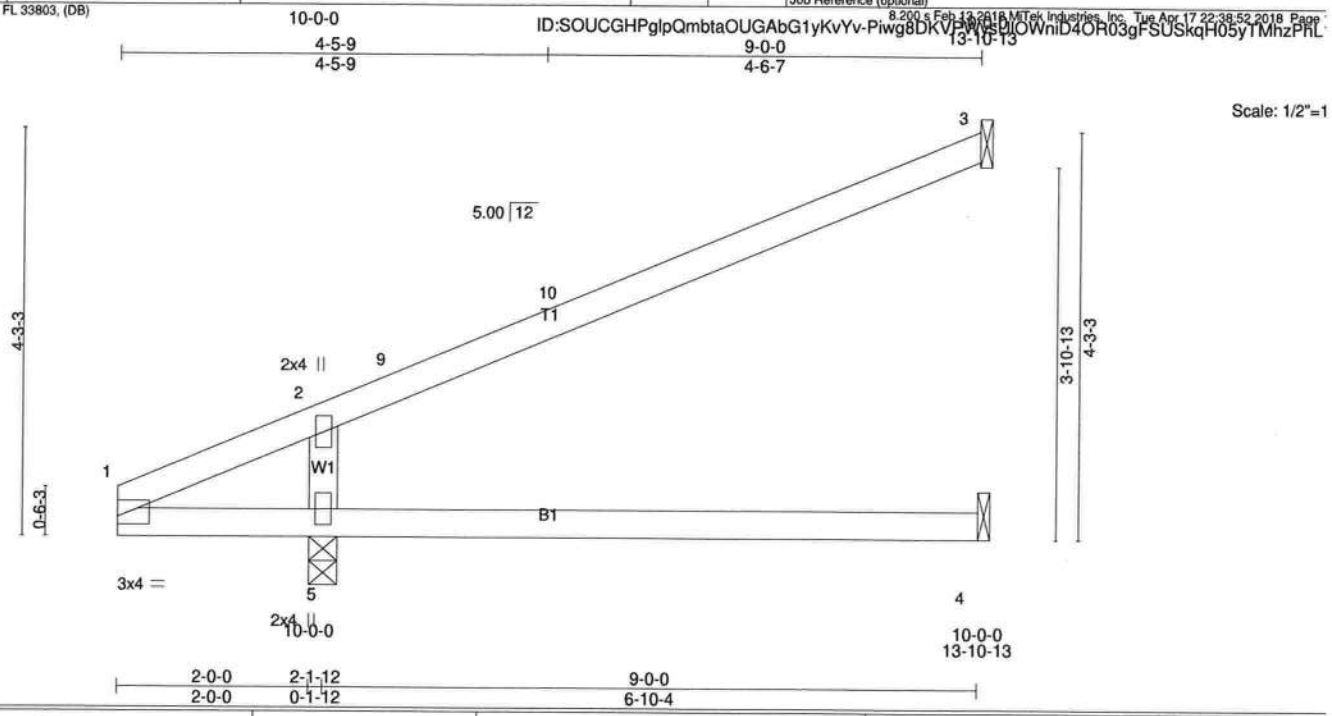

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.76	Vert(LL) -0.08 4-5 >997 360	MT20 244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.48	Vert(CT) -0.19 4-5 >432 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.12	Horz(CT) 0.10 3 n/a n/a	
BCDL 10.0	Code FBC2017/TPI2014	Matrix-MS	Wind(LL) 0.07 4-5 >999 240	Weight: 29 lb FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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) 3=204/Mechanical, 4=71/Mechanical, 5=529/0-3-8 (min. 0-1-8)
Max Horz 5=142(LC 12)
Max Uplift3=-109(LC 12), 5=-129(LC 12)
Max Grav 3=204(LC 1), 4=121(LC 3), 5=529(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-254/129
WEBS 2-5=-480/388

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 8-11-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=109, 5=129.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	FG01	Flat Girder	1	4	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:38:59 2018 Page 1

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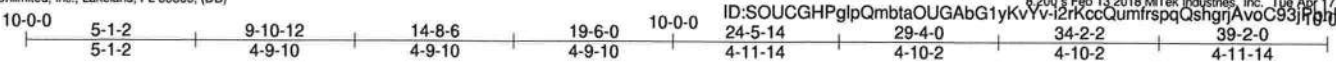

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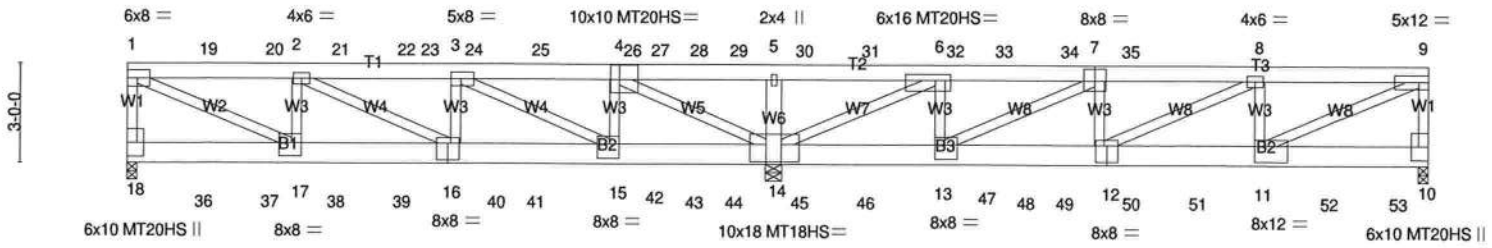

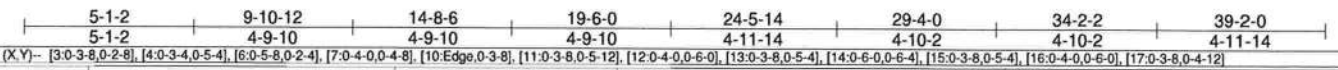

Plate Offsets (X,Y)-- [3:0-3-8,0-2-8], [4:0-3-4,0-5-4], [6:0-5-8,0-2-4], [7:0-4-0,0-4-8], [10:Edge,0-3-8], [11:0-3-8,0-5-12], [12:0-4-0,0-6-0], [13:0-3-8,0-5-4], [14:0-6-0,0-6-4], [15:0-3-8,0-5-4], [16:0-4-0,0-6-0], [17:0-3-8,0-4-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.93	Vert(LL)	-0.11	11-12	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.97	Vert(CT)	-0.30	11-12	>783	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.97	Horz(CT)	0.07	10	n/a	n/a	MT18HS	244/190
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.05	11-12	>999	240	Weight: 1194 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
T2: 2x6 SP M 24
BOT CHORD 2x8 SP DSS *Except*
B1: 2x8 SP No.2
WEBS 2x4 SP No.2 *Except*
W1: 2x4 SP No.3, W2,W5,W7: 2x4 SP M 31, W4,W8: 2x4 SP No.1, W6: 2x6 SP No.2

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.

REACTIONS. (lb/size) 18=11308/0-3-8 (min. 0-3-5), 14=40797/0-6-0 (min. 0-4-2), 10=14453/0-3-8 (req. 0-3-10)
Max Horz 18=-86(LC 19)

WHERE ARE UPLIFT REACTIONS?

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-18=-9851/0, 1-19=-18214/0, 19-20=-18214/0, 2-20=-18214/0, 2-21=-19160/0, 21-22=-19160/0, 22-23=-19160/0, 3-23=-19160/0, 3-24=-3900/0, 24-25=-3900/0, 25-26=-3900/0, 4-26=-3900/0, 4-27=0/24831, 27-28=0/24831, 28-29=0/24831, 5-29=0/24831, 5-30=0/24831, 30-31=0/24831, 31-32=0/24831, 6-32=0/24831, 6-33=-5762/0, 33-34=-5762/0, 7-34=-5762/0, 7-35=-21398/0, 8-35=-21398/0, 8-9=-19802/0, 9-10=-10266/0
BOT CHORD 18-36=0/387, 36-37=0/387, 17-37=0/387, 17-38=0/18214, 38-39=0/18214, 16-39=0/18214, 16-40=0/18769, 40-41=0/18769, 41-42=0/18769, 15-42=0/18769, 15-43=0/3182, 43-44=0/3182, 14-44=0/3182, 14-45=0/5762, 45-46=0/5762, 46-47=0/5762, 13-47=0/5762, 13-48=0/20504, 48-49=0/20504, 12-49=0/20504, 12-50=0/19802, 50-51=0/19802, 11-51=0/19802, 11-52=0/400, 52-53=0/400, 10-53=0/400
WEBS 1-17=0/19922, 2-17=-3928/733, 2-16=0/1076, 3-16=0/4236, 3-15=-16719/0, 4-15=0/12163, 4-14=-31707/0, 5-14=-4547/493, 6-14=-34133/0, 6-13=0/12186, 7-13=-16653/0, 7-12=0/5956, 8-12=0/1811, 8-11=-831/37, 9-11=0/21776

NOTES-
1) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 3 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 3-16 2x4 - 2 rows staggered at 0-4-0 oc, member 6-13 2x4 - 2 rows staggered at 0-4-0 oc, member 8-11 2x4 - 2 rows staggered at 0-4-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Attach TC w/ 1/2" diam. bolts (ASTM A-307) in the center of the member w/washers at 4-0-0 oc.
Attach BC w/ 1/2" diam. bolts (ASTM A-307) in the center of the member w/washers at 4-0-0 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) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=39ft; eave=5ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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) WARNING: Required bearing size at joint(s) 10 greater than input bearing size.
9) Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1250 lb down and 295 lb up at 2-3-12, 1250 lb down and 295 lb up at 4-3-12, 1250 lb down and 295 lb up at 6-3-12, 1250 lb down and 295 lb up at 8-3-12, 1250 lb down and 295 lb up at 10-3-12, 1250 lb down and 295 lb up at 12-3-12, 1250 lb down and 295 lb up at 14-3-12, 1250 lb down and 295 lb up at 16-3-12, 1250 lb down and 295 lb up at 18-3-12, 1250 lb down and 295 lb up at 20-3-12, 1250 lb down and 295 lb up at 22-3-12, 1250 lb down and 295 lb up at 24-3-12, and 1250 lb down and 295 lb up at 26-3-12, and 1250 lb down and 295 lb up at 28-3-12 on top chord, and 2002 lb down at 2-2-4, 2002 lb down at 4-2-4, 2002 lb down at 6-2-4, 2002 lb down at 8-2-4, 2002 lb down at 10-2-4, 2002 lb down at 12-2-4, 2002 lb down at 14-2-4, 2002 lb down at 16-2-4, 2002 lb down at 18-2-4, 2002 lb down at 20-2-4, 2002 lb down at 22-2-4, 2002 lb down at 24-2-4, 2002 lb down at 26-2-4, 2002 lb down at 28-2-4, 2002 lb down at 30-2-4, 1503 lb down and 101 lb up at 30-3-12, 2002 lb down at 32-2-4, 1503 lb down and 101 lb up at 32-3-12, 2002 lb down at 34-2-4, 1503 lb down and 101 lb up at 34-3-12, 2002 lb down at 36-2-4, 1503 lb down and 101 lb up at 36-3-12, and 2004 lb down at 38-2-4, and 1506 lb down and 98 lb up at 38-3-12 on bottom chord.
The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-9=-70, 10-18=-20
Concentrated Loads (lb)
Vert: 11=-3505(F=-2002) 19=-1250 20=-1250 21=-1250 22=-1250 24=-1250 25=-1250 26=-1250 28=-1250 29=-1250 30=-1250 31=-1250 32=-1250 33=-1250 34=-1250 36=-2002(F) 37=-2002(F) 38=-2002(F) 39=-2002(F) 40=-2002(F) 41=-2002(F) 42=-2002(F) 43=-2002(F) 44=-2002(F) 45=-2002(F) 46=-2002(F) 47=-2002(F) 48=-2002(F) 49=-2002(F) 50=-3505(F=-2002) 51=-3505(F=-2002) 52=-3505(F=-2002) 53=-3510(F=-2004)

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	FG02	Flat Girder	1	3	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:39:05 2018 Page 1

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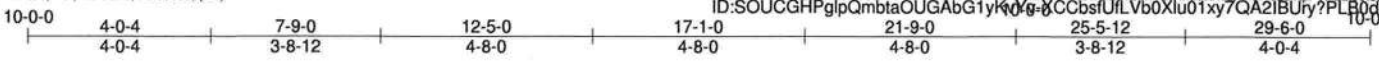

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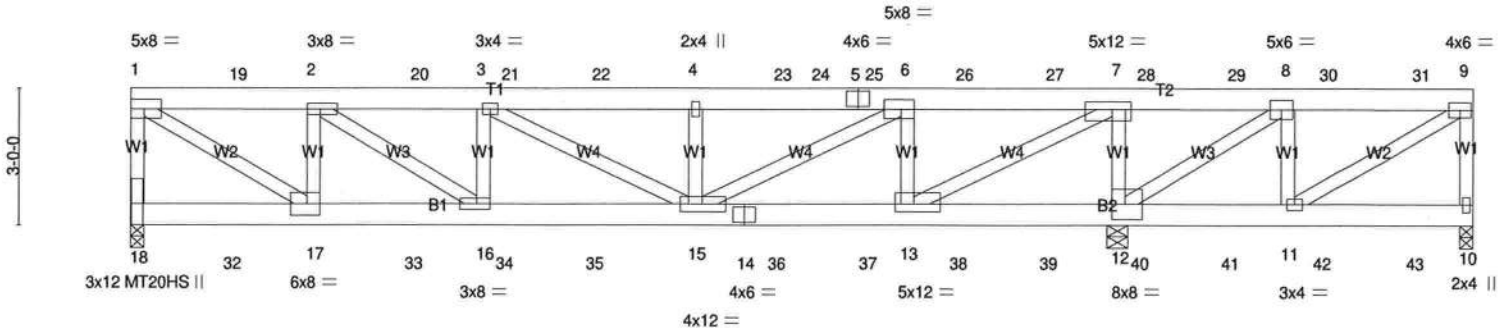

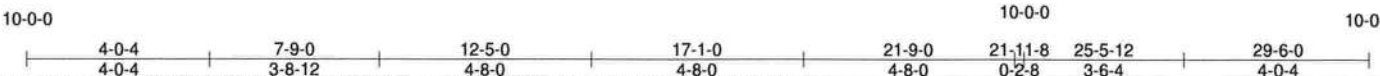

Plate Offsets (X,Y)-- [2:0-3-8,0-1-8], [6:0-3-8,0-2-8], [7:0-5-0,0-2-0], [12:0-3-8,0-4-0], [13:0-5-0,0-2-0], [15:0-2-4,0-2-0], [16:0-3-8,0-1-8], [17:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.16	15-16	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.36	15-16	>726	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.93	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.15	15-16	>999	240	Weight: 626 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
T2: 2x6 SP M 24
BOT CHORD 2x6 SP No.2 *Except*
B1: 2x6 SP M 24
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2D, W4: 2x4 SP No.1D

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 12-13,11-12.

REACTIONS. (lb/size) 12=20625/0-5-8 (req. 0-8-2), 18=9213/0-3-8 (min. 0-2-9), 10=-381/0-3-8 (min. 0-1-8)
Max Horz 18=-88(LC 6)
Max Uplift12=-4266(LC 8), 18=-1927(LC 4), 10=-381(LC 1)
Max Grav 12=20625(LC 1), 18=9213(LC 1), 10=97(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-18=-8176/1701, 1-19=-11659/2438, 2-19=-11659/2438, 2-20=-17054/3544, 3-20=-17054/3544, 3-21=-16311/3381, 21-22=-16311/3381, 4-22=-16311/3381, 4-23=-16311/3381, 23-24=-16311/3381, 5-24=-16311/3381, 5-25=-16311/3381, 6-25=-16311/3381, 6-26=-6488/1343, 26-27=-6488/1343, 7-27=-6488/1343, 7-28=-2286/11039, 28-29=-2286/11039, 8-29=-2286/11039, 8-30=-648/3108, 30-31=-648/3108, 9-31=-648/3108, 9-10=-213/961
BOT CHORD 17-33=-2438/11659, 16-33=-2438/11659, 16-34=-3544/17054, 34-35=-3544/17054, 15-35=-3544/17054, 14-15=-1343/6488, 14-36=-1343/6488, 36-37=-1343/6488, 13-37=-1343/6488, 13-38=-11039/2286, 38-39=-11039/2286, 12-39=-11039/2286, 12-40=-3108/648, 40-41=-3108/648, 11-41=-3108/648
WEBS 1-17=-2830/13706, 2-17=-6315/1308, 2-16=-1347/6529, 3-16=-2390/495, 3-15=-846/186, 4-15=-3345/690, 6-15=-2321/11185, 6-13=-8289/1716, 7-13=-4132/19958, 7-12=-13137/2719, 8-12=-9597/1985, 8-11=-617/2959, 9-11=-3814/794

NOTES-
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs 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) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=30ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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) WARNING: Required bearing size at joint(s) 12 greater than input bearing size.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=4266, 18=1927, 10=381.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1250 lb down and 288 lb up at 2-3-12, 1250 lb down and 288 lb up at 4-3-12, 1250 lb down and 288 lb up at 6-3-12, 1250 lb down and 288 lb up at 8-3-12, 1250 lb down and 288 lb up at 10-3-12, 1250 lb down and 288 lb up at 12-3-12, 1250 lb down and 288 lb up at 14-3-12, 1250 lb down and 288 lb up at 16-3-12, 1250 lb down and 288 lb up at 18-3-12, 1250 lb down and 288 lb up at 20-3-12, 1250 lb down and 288 lb up at 22-3-12, 1250 lb down and 288 lb up at 24-3-12, and 1250 lb down and 288 lb up at 26-3-12, and 1250 lb down and 288 lb up at 28-3-12 on top chord, and 631 lb down and 159 lb up at 0-1-12, 621 lb down and 168 lb up at 2-2-4, 621 lb down and 168 lb up at 4-2-4, 621 lb down and 168 lb up at 6-2-4, 621 lb down and 168 lb up at 8-2-4, 621 lb down and 168 lb up at 10-2-4, 621 lb down and 168 lb up at 12-2-4, 621 lb down and 168 lb up at 14-2-4, 621 lb down and 168 lb up at 16-2-4, 621 lb down and 168 lb up at 18-2-4, 621 lb down and 168 lb up at 20-2-4, 621 lb down and 168 lb up at 22-2-4, 621 lb down and 168 lb up at 24-2-4, and 621 lb down and 168 lb up at 26-2-4, and 621 lb down and 168 lb up at 28-2-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-9=-70, 10-18=-20
Concentrated Loads (lb)
Vert: 17=-621(B) 2=-1250 15=-621(B) 4=-1250 18=-631(B) 19=-1250 20=-1250 21=-1250 22=-1250 23=-1250 25=-1250 26=-1250 27=-1250 28=-1250 29=-1250 30=-1250 31=-1250 32=-621(B) 33=-621(B) 34=-621(B) 35=-621(B) 36=-621(B) 37=-621(B) 38=-621(B) 39=-621(B) 40=-621(B) 41=-621(B) 42=-621(B) 43=-621(B)

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	G	FLAT	16	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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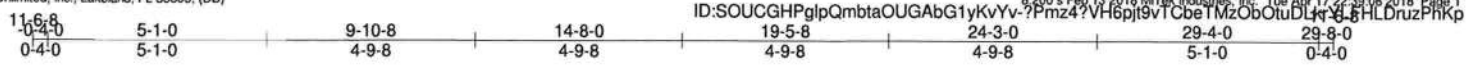

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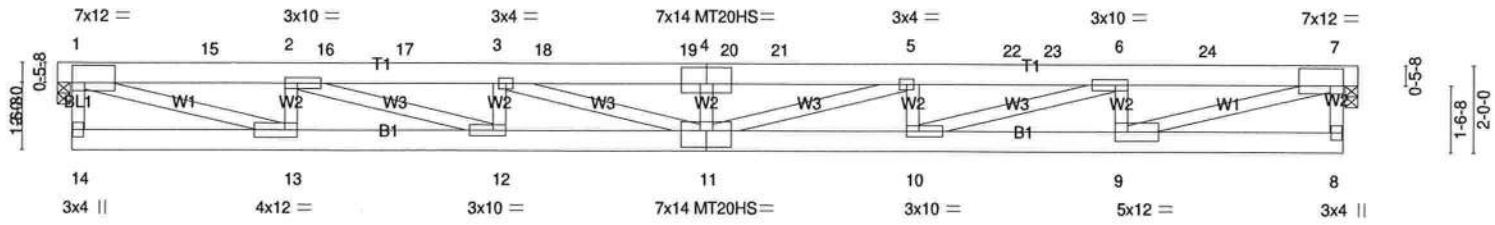

Plate Offsets (X,Y)-- [1:0-3-8,0-4-12], [2:0-3-8,0-1-8], [4:0-7-0,0-4-8], [6:0-3-8,0-1-8], [7:0-3-8,0-4-12], [9:0-3-8,0-2-8], [10:0-3-8,0-1-8], [11:0-7-0,0-4-8], [12:0-3-8,0-1-8], [13:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.97	Vert(LL)	-0.37	11	>940	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-1.17	11	>298	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.99	Horz(CT)	-0.21	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.35	11	>989	240	Weight: 192 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP M 24
WEBS 2x4 SP No.3 *Except*
W1: 2x4 SP No.2D, W3: 2x4 SP No.2
OTHERS 2x4 SP M 31

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

REACTIONS. (lb/size) 1=1680/0-3-8 (min. 0-2-0), 7=1744/0-3-8 (min. 0-2-1)
Max Horz 1=-54(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-15=-4590/0, 2-15=-4590/0, 2-16=-7374/0, 16-17=-7374/0, 3-17=-7374/0, 3-18=-8429/0, 18-19=-8429/0, 4-19=-8429/0, 4-20=-8429/0, 20-21=-8429/0, 5-21=-8429/0, 5-22=-7706/0, 22-23=-7706/0, 6-23=-7706/0, 6-24=-4830/0, 7-24=-4830/0
BOT CHORD 12-13=0/4590, 11-12=0/7374, 10-11=0/7706, 9-10=0/4830
WEBS 1-13=0/4611, 2-13=-1328/0, 2-12=0/2924, 3-12=-786/0, 3-11=0/1109, 4-11=-515/0, 5-11=-71/759, 5-10=-828/0, 6-10=0/3021, 6-9=-1403/0, 7-9=0/4893

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=29ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 29-2-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 560.0lb AC unit load placed on the top chord, 19-2-0 from left end, supported at two points, 5-8-0 apart.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
8) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-7=-70, 8-14=-20
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280
2) Dead + 0.75 Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-7=-60, 8-14=-20
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-7=-30, 8-14=-40
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280
4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-15=43, 7-15=35, 8-14=-12
Horz: 1-14=23
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280
5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-24=35, 7-24=43, 8-14=-12
Horz: 1-14=-41
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280
6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-7=-45, 8-14=-20
Horz: 1-14=-27
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280
7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-7=-45, 8-14=-20
Horz: 1-14=37
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280
8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-17=30, 17-20=30, 7-20=16, 8-14=-12
Horz: 1-14=20
Concentrated Loads (lb)
Vert: 16=-125 18=-125 21=-280 23=-280

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Continued on page 2

LOAD CASE(S) Standard

9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-19=16, 19-22=30, 7-22=30, 8-14=-12
      Horz: 1-14=-24
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-31, 8-14=-20
      Horz: 1-14=35
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-31, 8-14=-20
      Horz: 1-14=-10
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=30, 8-14=-12
      Horz: 1-14=-31
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=9, 8-14=-12
      Horz: 1-14=-31
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-31, 8-14=-20
      Horz: 1-14=-17
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-31, 8-14=-20
      Horz: 1-14=-17
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
16) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
   Uniform Loads (plf)
      Vert: 1-7=-30, 8-14=-20
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
17) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-61, 8-14=-20
      Horz: 1-14=26
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
18) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-61, 8-14=-20
      Horz: 1-14=-7
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
19) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-61, 8-14=-20
      Horz: 1-14=-13
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280
20) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-7=-61, 8-14=-20
      Horz: 1-14=-13
   Concentrated Loads (lb)
      Vert: 16=-125 18=-125 21=-280 23=-280

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	HJ01	Diagonal Hip Girder	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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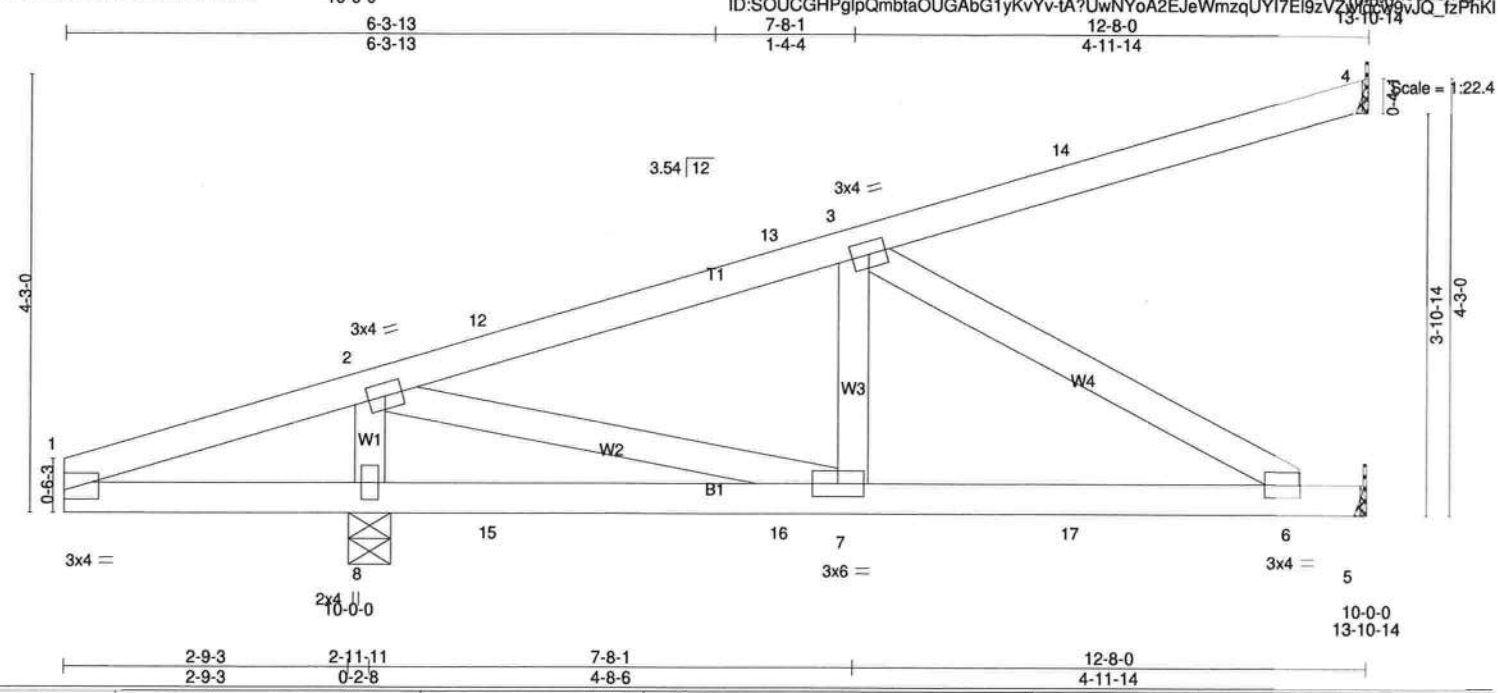

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.04	6-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.11	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.29	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	-0.04	7-8	>999	240	Weight: 57 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (lb/size) 4=171/Mechanical, 5=223/Mechanical, 8=387/0-4-15 (min. 0-1-8)
Max Horz 8=142(LC 8)
Max Uplift4=-85(LC 8), 5=-83(LC 8), 8=-449(LC 8)
Max Grav 4=171(LC 1), 5=301(LC 28), 8=690(LC 31)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-207/525, 2-12=-556/225, 12-13=-497/191, 3-13=-485/190
BOT CHORD 1-8=-484/212, 8-15=-484/70, 15-16=-484/70, 7-16=-484/70, 7-17=-238/508, 6-17=-238/508
WEBS 2-8=-585/261, 2-7=-162/728, 3-6=-586/275

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5 except (jt=lb) 8=449.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 79 lb down and 220 lb up at 4-2-8, 79 lb down and 220 lb up at 4-2-8, 84 lb down and 44 lb up at 7-0-7, 84 lb down and 44 lb up at 7-0-7, and 128 lb down and 94 lb up at 9-10-6, and 128 lb down and 94 lb up at 9-10-6 on top chord, and 39 lb down and 170 lb up at 4-2-8, 39 lb down and 170 lb up at 4-2-8, 13 lb down and 12 lb up at 7-0-7, 13 lb down and 12 lb up at 7-0-7, and 30 lb down at 9-10-6, and 30 lb down at 9-10-6 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-70, 5-9=-20
Concentrated Loads (lb)
Vert: 12=220(F=110, B=110) 14=-64(F=-32, B=-32) 15=214(F=107, B=107) 17=-17(F=-8, B=-8)

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	J01	Roof Special Girder	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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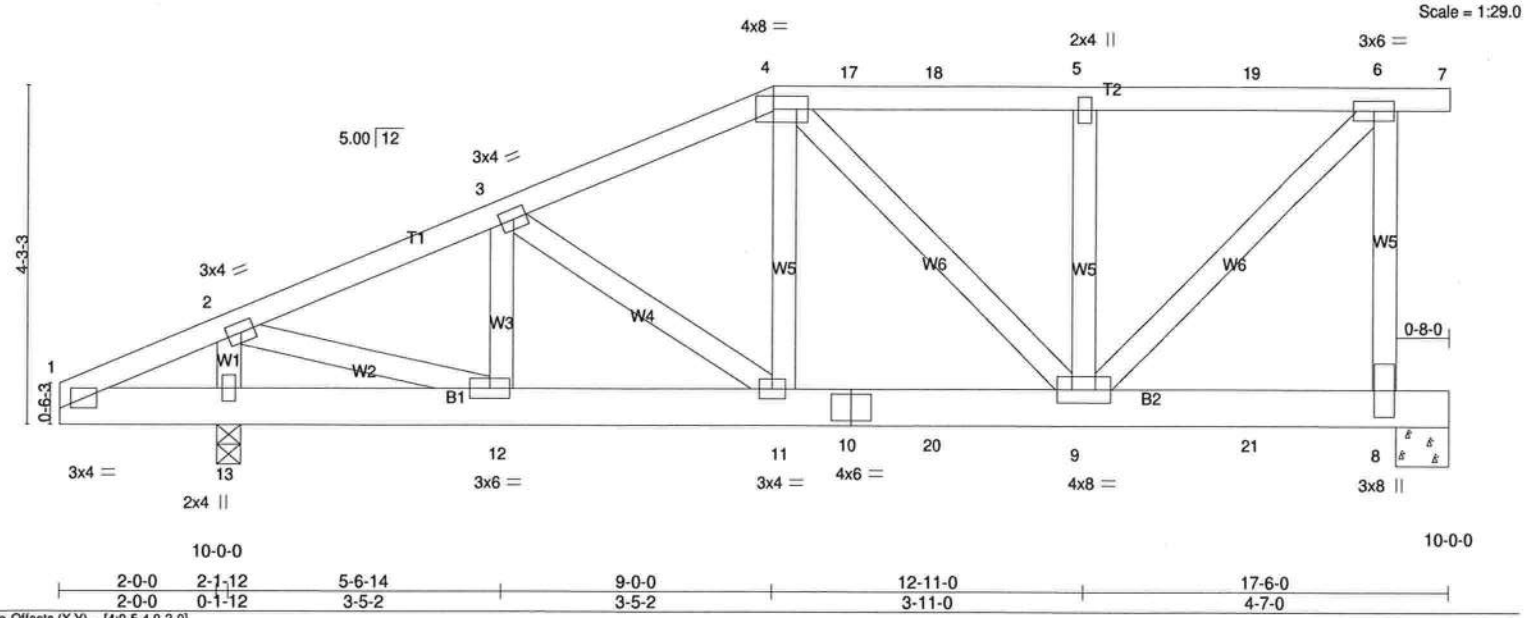

Plate Offsets (X,Y)-- [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	-0.02	11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.05	11	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.54	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.03	11	>999	240	Weight: 113 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 8=1329/0-8-0 (min. 0-1-9), 13=1237/0-3-8 (min. 0-1-8)
Max Horz 13=144(LC 8)
Max Uplift8=-403(LC 5), 13=-358(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1300/329, 3-4=-1417/413, 4-17=-1005/292, 17-18=-1005/292, 5-18=-1005/292, 5-19=-1005/292, 6-19=-1005/292, 6-8=-1255/424
BOT CHORD 11-12=-381/1156, 10-11=-404/1275, 10-20=-404/1275, 9-20=-404/1275
WEBS 2-13=-1052/325, 2-12=-308/1212, 3-12=-357/152, 3-11=-220/285, 4-11=-16/379, 4-9=-407/157, 5-9=-588/307, 6-9=-410/1415

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=403, 13=358.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 253 lb down and 258 lb up at 9-0-0, 161 lb down and 136 lb up at 11-0-12, and 161 lb down and 136 lb up at 13-0-12, and 161 lb down and 136 lb up at 15-0-12 on top chord, and 313 lb down and 95 lb up at 9-0-0, 81 lb down at 11-0-12, and 81 lb down at 13-0-12, and 81 lb down at 15-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-70, 4-6=-70, 6-7=-70, 8-14=-20
Concentrated Loads (lb)
Vert: 11=-246(B) 4=-206(B) 5=-134(B) 9=-51(B) 18=-134(B) 19=-134(B) 20=-51(B) 21=-51(B)

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	J02	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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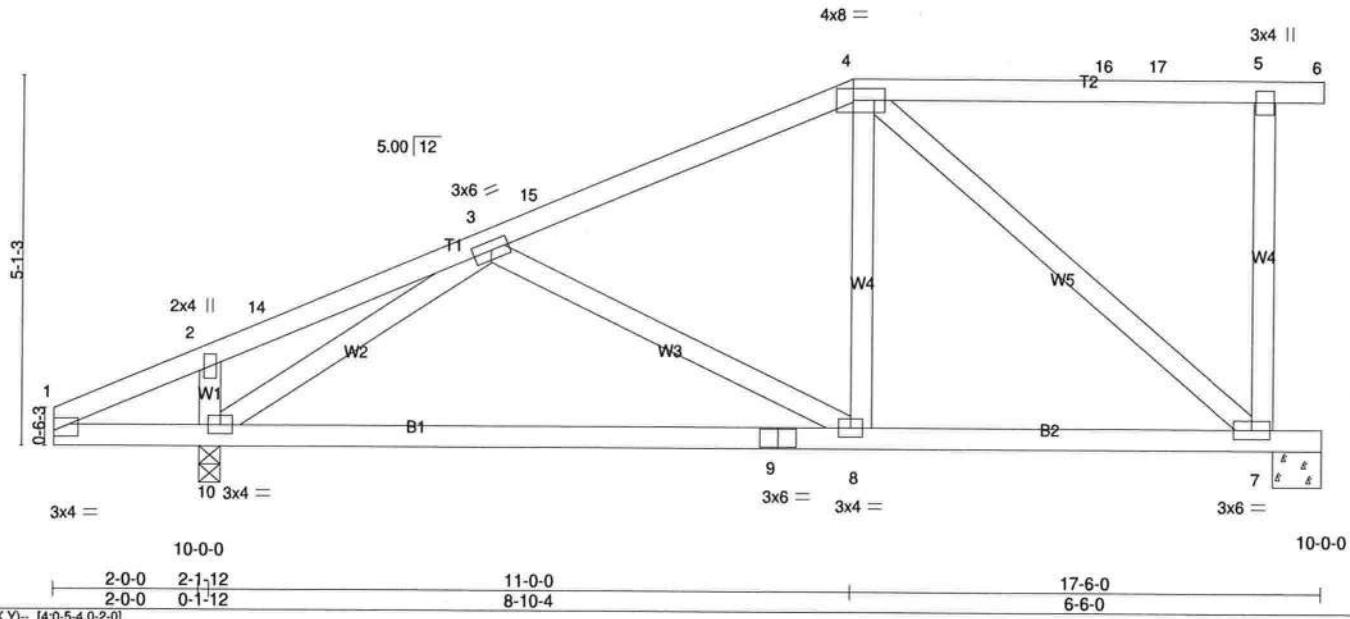

Plate Offsets (X,Y)-- [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.45	Vert(LL)	-0.12	8-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.25	8-10	>696	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.01	8	>999	240	Weight: 93 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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.

REACTIONS. (lb/size) 7=699/0-8-0 (min. 0-1-8), 10=860/0-3-8 (min. 0-1-8)
Max Horz 10=175(LC 12)
Max Uplift7=-194(LC 12), 10=-202(LC 12)
Max Grav 7=699(LC 1), 10=861(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-15=-602/122, 4-15=-534/137, 5-7=-261/158
BOT CHORD 9-10=-316/643, 8-9=-316/643, 7-8=-174/500
WEBS 4-8=0/350, 4-7=-624/216, 3-10=-797/368

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 11-0-0, Exterior(2) 11-0-0 to 15-2-15 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=194, 10=202.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	J03	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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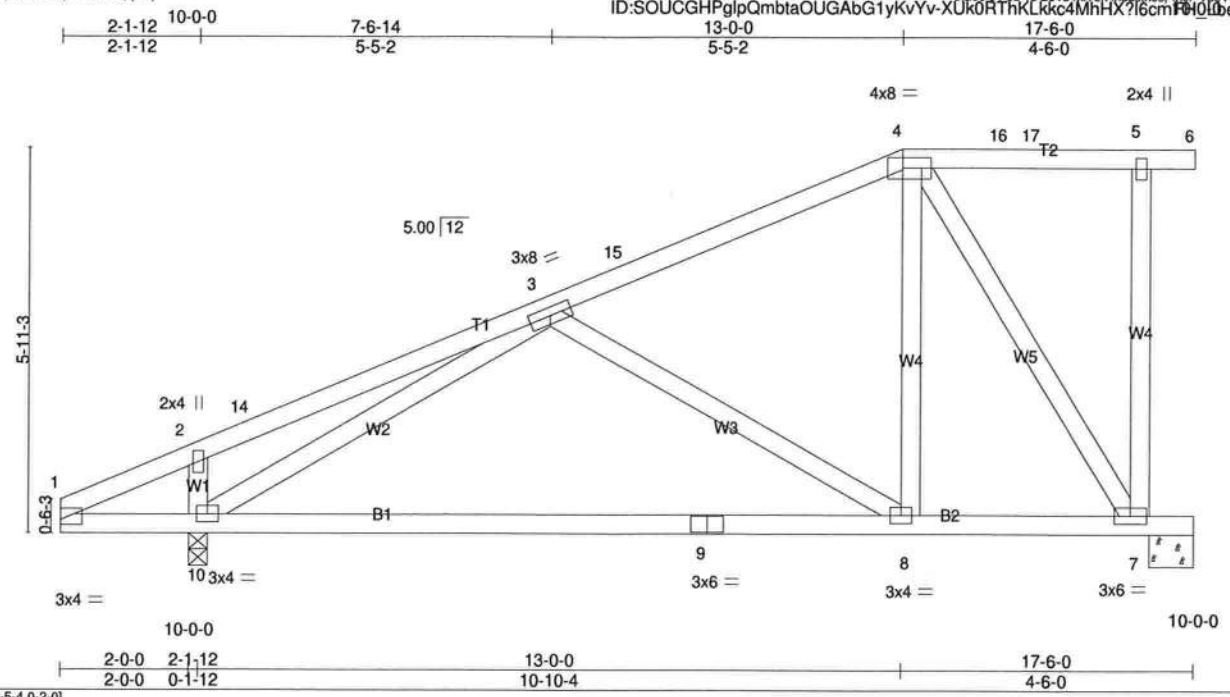

Plate Offsets (X,Y)-- [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	-0.27	8-10	>648	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.54	8-10	>321	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.01	8	>999	240	Weight: 99 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) 7=699/0-8-0 (min. 0-1-8), 10=860/0-3-8 (min. 0-1-8)
Max Horz 10=207(LC 12)
Max Uplift7=-206(LC 12), 10=-191(LC 12)
Max Grav 7=699(LC 1), 10=861(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-262/0, 2-14=-262/0, 3-15=-454/54, 4-15=-372/70
BOT CHORD 9-10=-314/642, 8-9=-314/642, 7-8=-115/352
WEBS 2-10=-288/263, 3-10=-640/321, 3-8=-358/233, 4-8=0/468, 4-7=-639/204

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 13-0-0, Exterior(2) 13-0-0 to 17-6-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=206, 10=191.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	J04	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:39:25 2018 Page 1
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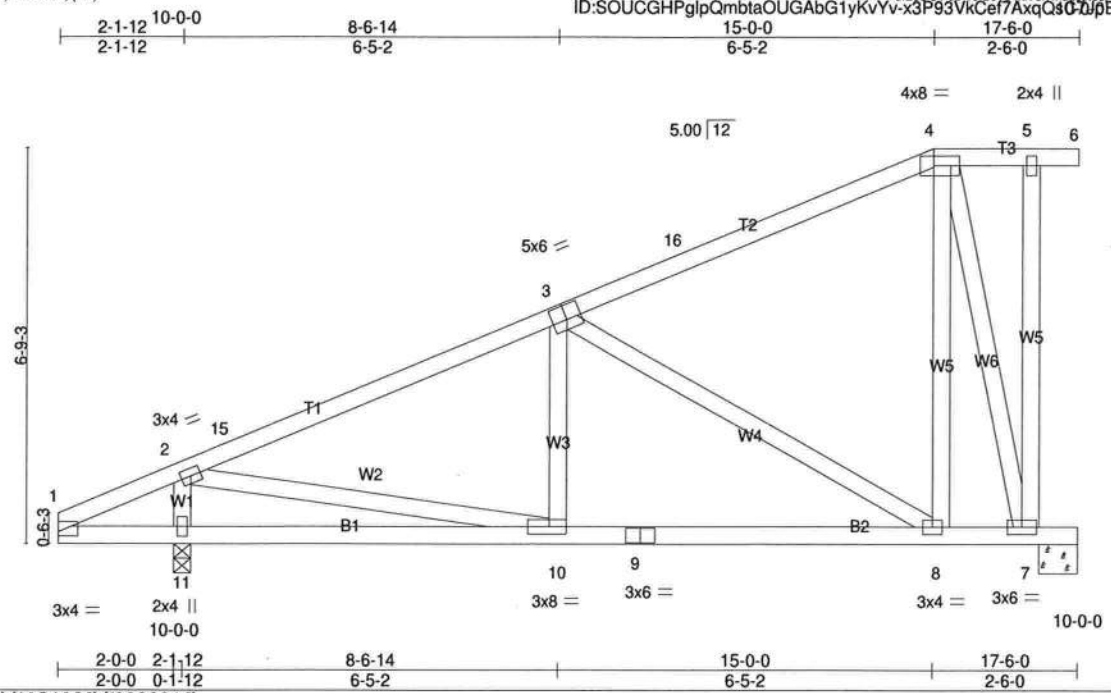

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-5-4,0-2-0], [10:0-3-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	-0.04	8-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.09	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	8-10	>999	240	Weight: 108 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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.

REACTIONS. (lb/size) 7=699/0-8-0 (min. 0-1-8), 11=860/0-3-8 (min. 0-1-8)
Max Horz 11=239(LC 12)
Max Uplift7=-219(LC 12), 11=-177(LC 12)
Max Grav 7=699(LC 1), 11=861(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-814/65, 3-15=-656/84, 3-16=-270/0
BOT CHORD 9-10=-263/675, 8-9=-263/675
WEBS 2-11=-762/322, 2-10=-105/644, 3-8=-601/230, 4-8=-45/454, 4-7=-665/260

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 15-0-0, Exterior(2) 15-0-0 to 17-6-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=219, 11=177.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	J05	Roof Special	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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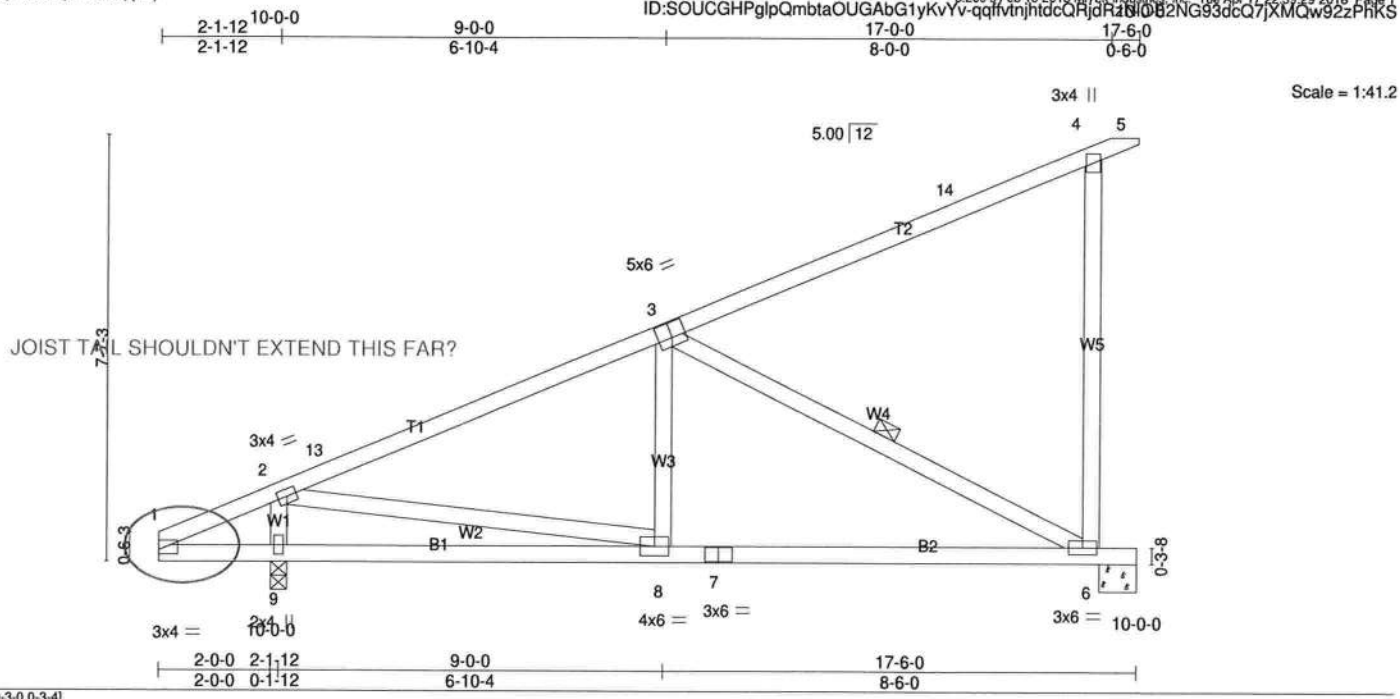

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	-0.10	6-8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.20	6-8	>891	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.01	8	>999	240	Weight: 94 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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.
WEBS 1 Row at midpt 3-6

REACTIONS. (lb/size) 6=680/0-8-0 (min. 0-1-8), 9=861/0-3-8 (min. 0-1-8)
Max Horz 9=279(LC 12)
Max Uplift6=-225(LC 12), 9=-159(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-823/13, 3-13=-655/33, 4-6=-264/188
BOT CHORD 7-8=-231/681, 6-7=-231/681
WEBS 2-9=-762/297, 2-8=-41/646, 3-6=-743/250

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 17-3-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=225, 9=159.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	PB1	Piggyback	30	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-AnSYyarrWQFvWCcaEWzw5lINvAu?Hl8She7hqGzPhKN

20-11-15

8-0-0
8-0-0

16-0-0
8-0-0

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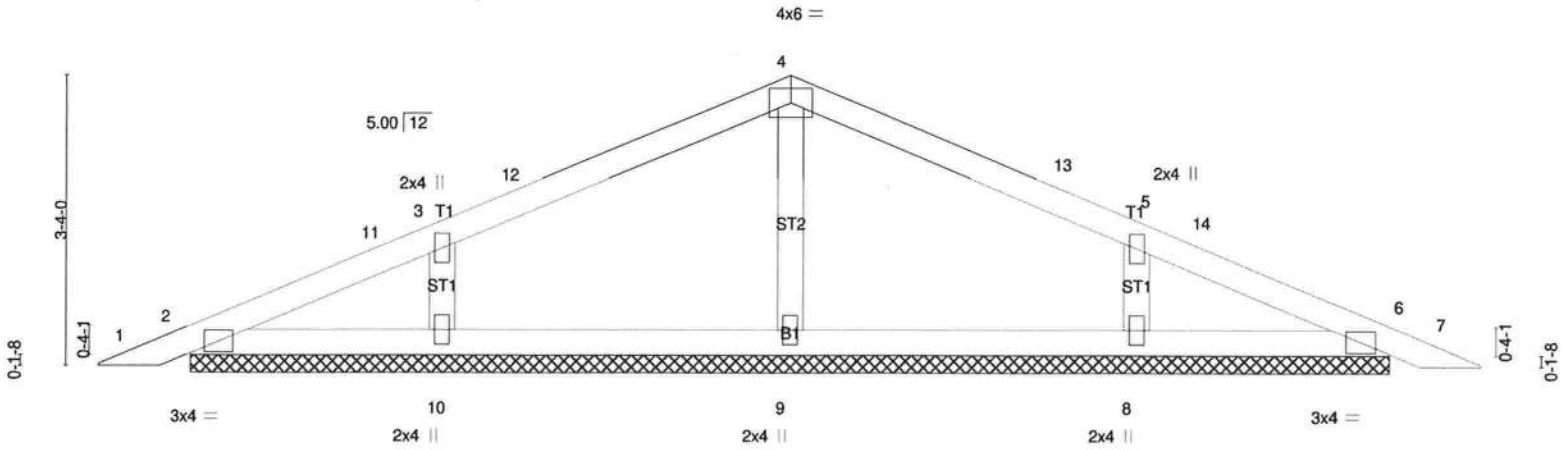

20-11-15

16-0-0
16-0-0

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.19	Vert(LL)	0.00	6	n/r	120	MT20	244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.12	Vert(CT)	0.00	6	n/r	120		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.06	Horz(CT)	0.00	6	n/a	n/a		
BCDL 10.0	Code FBC2017/TPI2014	Matrix-S						Weight: 53 lb	FT = 20%

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

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. All bearings 13-9-6.
(lb) - Max Horz 2=-71(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 9, 10, 8
Max Grav All reactions 250 lb or less at joint(s) 2, 6 except 9=324(LC 1), 10=359(LC 21), 8=359(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-283/190, 5-8=-283/190

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-4-14 to 3-4-14, Interior(1) 3-4-14 to 8-0-0, Exterior(2) 8-0-0 to 11-0-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 9, 10, 8.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	PB2	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:39:38 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-3Zh3oyuMaelK?pvLTM2tG7w4KnGuDY52bF5vz1zPhKJ

20-10-7

8-0-0
8-0-0

16-0-0
8-0-0

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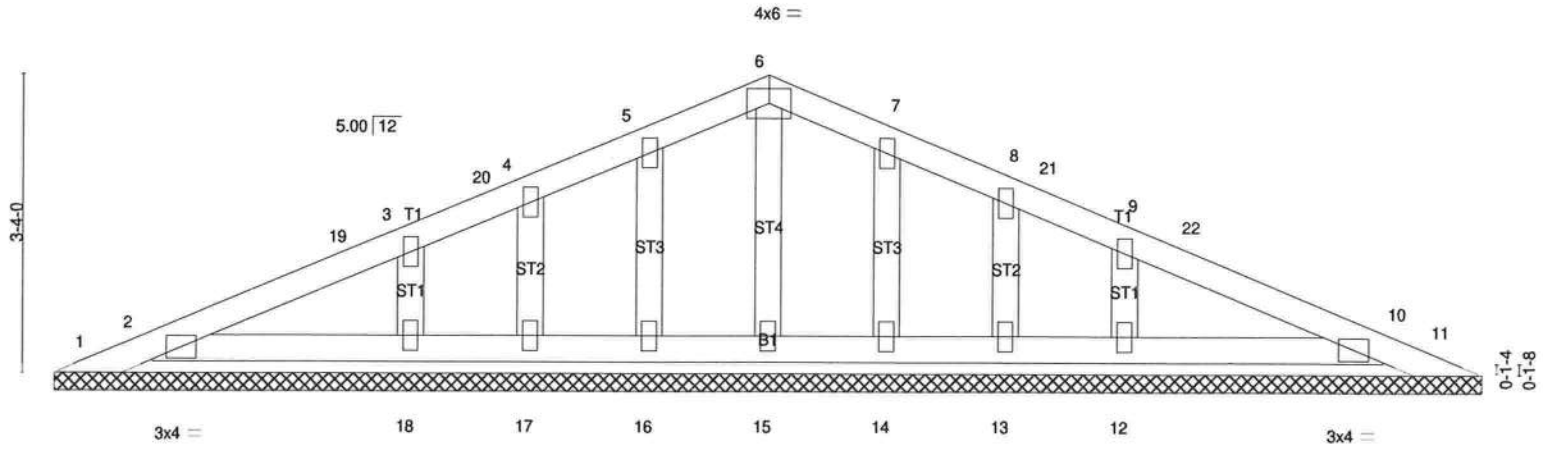

20-10-7

16-0-0
16-0-0

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.10	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.05	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.06	Horz(CT) 0.00 10 n/a n/a	
BCDL 10.0	Code FBC2017/TPI2014	Matrix-S		Weight: 64 lb FT = 20%

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

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. All bearings 16-0-0.
(lb) - Max Horz 1=-71(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 11, 2, 10, 16, 17, 18, 14, 13, 12
Max Grav All reactions 250 lb or less at joint(s) 1, 11, 2, 10, 15, 16, 17, 18, 14, 13, 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=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-4-14 to 3-4-14, Exterior(2) 3-4-14 to 8-0-0, Corner(3) 8-0-0 to 11-0-0 zone; cantilever left and right exposed ; end vertical left 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 requires continuous bottom chord bearing.
6) Gable studs spaced at 1-4-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11, 2, 10, 16, 17, 18, 14, 13, 12.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0.
2. VERTICAL TRUSS MEMBERS MUST BE DESIGNED FOR OUT OF PLANE WIND LOADS.

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V01	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-xKxadJxsetGmTRD7iC6pQz4jgPb49H1eWt366ozPhKF

11-4-4 | 24-1-11 | 48-3-6

24-1-11 | 24-1-11

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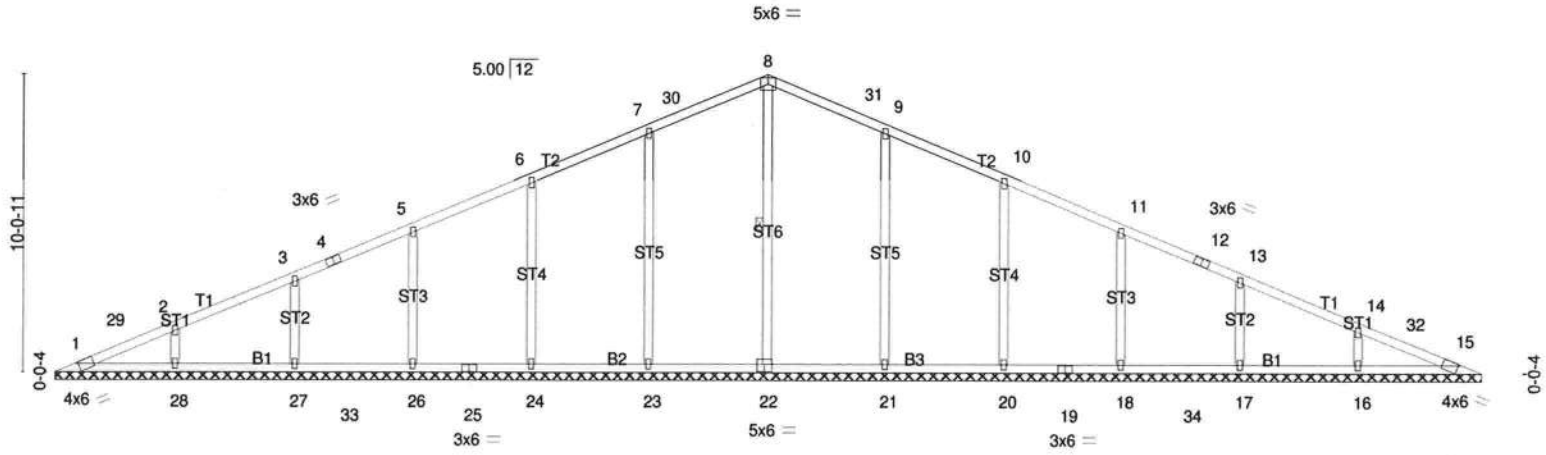

11-4-4 | 48-2-13 | 48-3-6

48-2-13 | 0-0-10

Plate Offsets (X,Y)-- [22:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.01	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 228 lb	FT = 20%

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

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.
WEBS 1 Row at midpt 8-22

REACTIONS. All bearings 48-2-3.
(lb) - Max Horz 1=220(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 24, 26, 27, 20, 18, 17 except 23=-106(LC 12), 28=-101(LC 12), 21=-104(LC 12), 16=-101(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 15 except 22=433(LC 17), 23=488(LC 17), 24=469(LC 17), 26=470(LC 17), 27=365(LC 17), 28=371(LC 21), 21=495(LC 18), 20=467(LC 18), 18=470(LC 18), 17=365(LC 18), 16=371(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-30=-163/272, 8-30=-138/284, 8-31=-139/283, 9-31=-164/272
WEBS 7-23=-302/187, 6-24=-276/151, 5-26=-281/154, 3-27=-280/152, 2-28=-283/182, 9-21=-302/187, 10-20=-276/151, 11-18=-281/154, 13-17=-280/152, 14-16=-283/182

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 24-1-11, Exterior(2) 24-1-11 to 27-1-11 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 26, 27, 20, 18, 17 except (jt=lb) 23=106, 28=101, 21=104, 16=101.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V02	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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12-2-4 | 22-1-11 | 44-3-6

22-1-11 | 22-1-11

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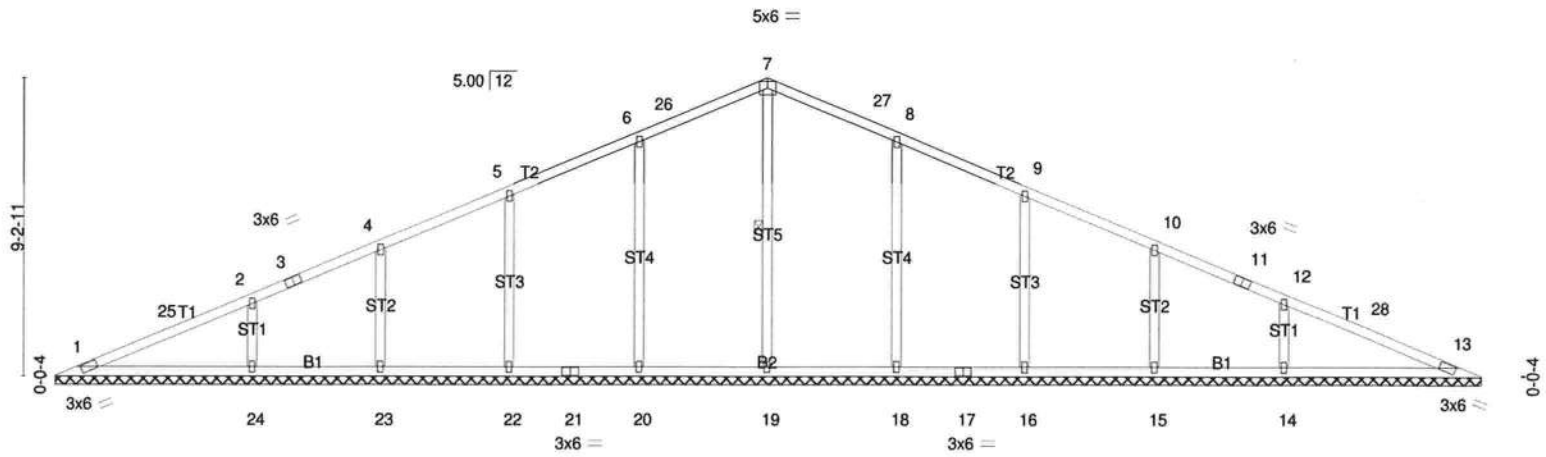

12-2-4 | 44-2-13 | 44-3-6

44-2-13 | 0-0-10

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.01	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 201 lb	FT = 20%

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

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.
WEBS 1 Row at midpt 7-19

REACTIONS. All bearings 44-2-3.
(lb) - Max Horz 1=-201(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 22, 23, 16, 15, 13 except 20=-104(LC 12), 24=-138(LC 12), 18=-104(LC 12), 14=-138(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 13 except 19=432(LC 17), 20=486(LC 17), 22=489(LC 17), 23=364(LC 17), 24=507(LC 1), 18=486(LC 18), 16=489(LC 18), 15=364(LC 18), 14=507(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-26=-127/259, 7-27=-127/259
WEBS 6-20=-300/186, 5-22=-285/158, 2-24=-381/226, 8-18=-300/186, 9-16=-285/158, 12-14=-381/226

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 22-1-11, Exterior(2) 22-1-11 to 25-1-11 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 22, 23, 16, 15, 13 except (jt=lb) 20=104, 24=138, 18=104, 14=138.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V03	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:39:50 2018 Page 1
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13-0-4
20-1-11
20-1-11
40-3-6
20-1-11

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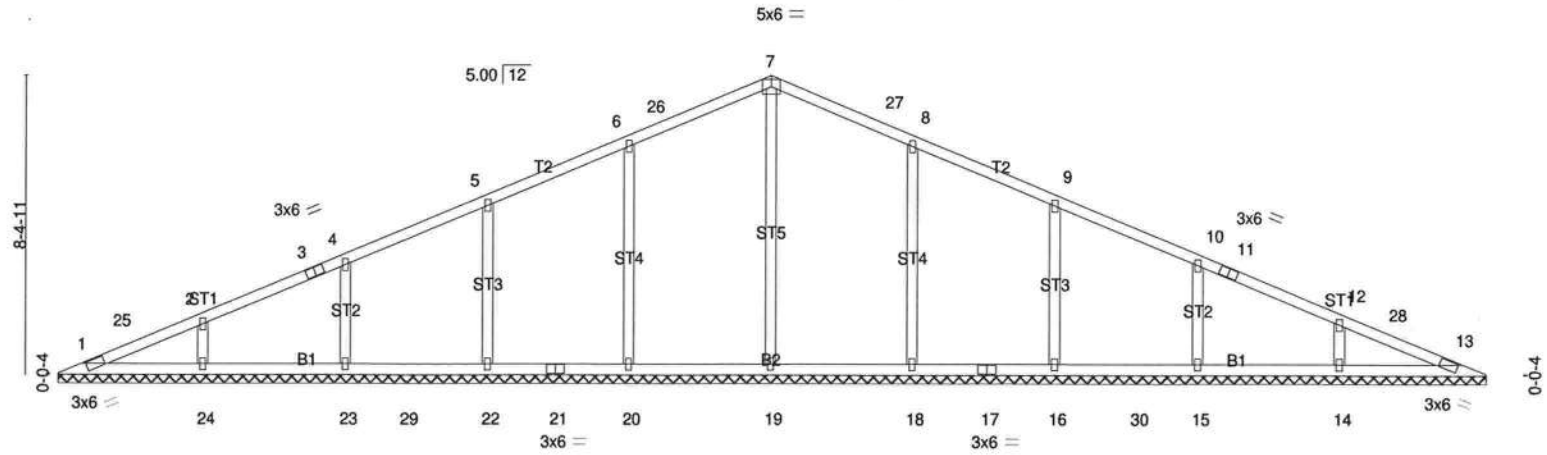

13-0-4
0-0-10
0-0-10
40-3-6
40-2-13

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.01	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 178 lb	FT = 20%

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

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. All bearings 40-2-3.
(lb) - Max Horz 1=182(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 22, 23, 16, 15 except 20=-105(LC 12), 24=-101(LC 12), 18=-105(LC 12), 14=-101(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 13 except 19=426(LC 17), 20=493(LC 17), 22=464(LC 17), 23=366(LC 17), 24=370(LC 1), 18=492(LC 18), 16=464(LC 18), 15=366(LC 18), 14=370(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-20=-303/188, 5-22=-276/152, 4-23=-281/155, 2-24=-282/182, 8-18=-303/188, 9-16=-276/152, 10-15=-281/155, 12-14=-282/182

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=5ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 20-1-11, Exterior(2) 20-1-11 to 23-1-11 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 23, 16, 15 except (jt=lb) 20=105, 24=101, 18=105, 14=101.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V04	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:39:53 2018 Page 1

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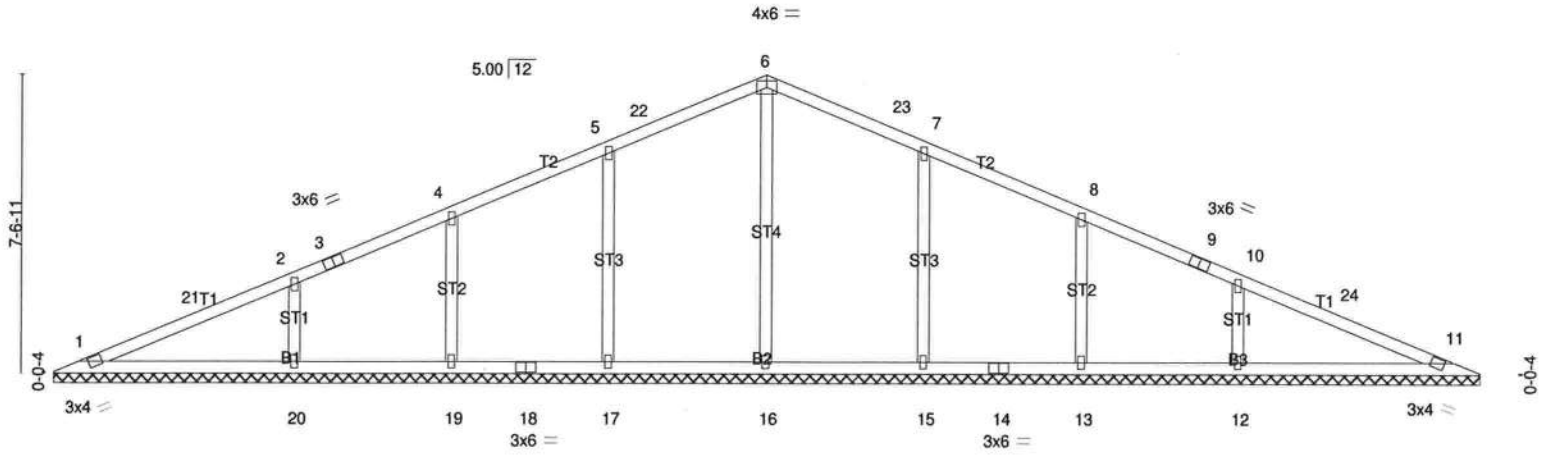
13-10-4 | 18-1-11 | 36-3-6

18-1-11 | 18-1-11

Scale = 1:58.5



13-10-4

0-0-10 | 36-3-6

0-0-10 | 36-2-13

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.00	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 153 lb	FT = 20%

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

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. All bearings 36-2-3.
(lb) - Max Horz 1=-164(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 19, 13, 11 except 17=-109(LC 12), 20=-138(LC 12), 15=-109(LC 12), 12=-138(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 11 except 16=414(LC 17), 17=514(LC 17), 19=358(LC 17), 20=509(LC 21), 15=514(LC 18), 13=358(LC 18), 12=509(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-17=-311/192, 2-20=-383/226, 7-15=-311/192, 10-12=-383/226

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 18-1-11, Exterior(2) 18-1-11 to 21-1-11 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 19, 13, 11 except (jt=lb) 17=109, 20=138, 15=109, 12=138.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V05	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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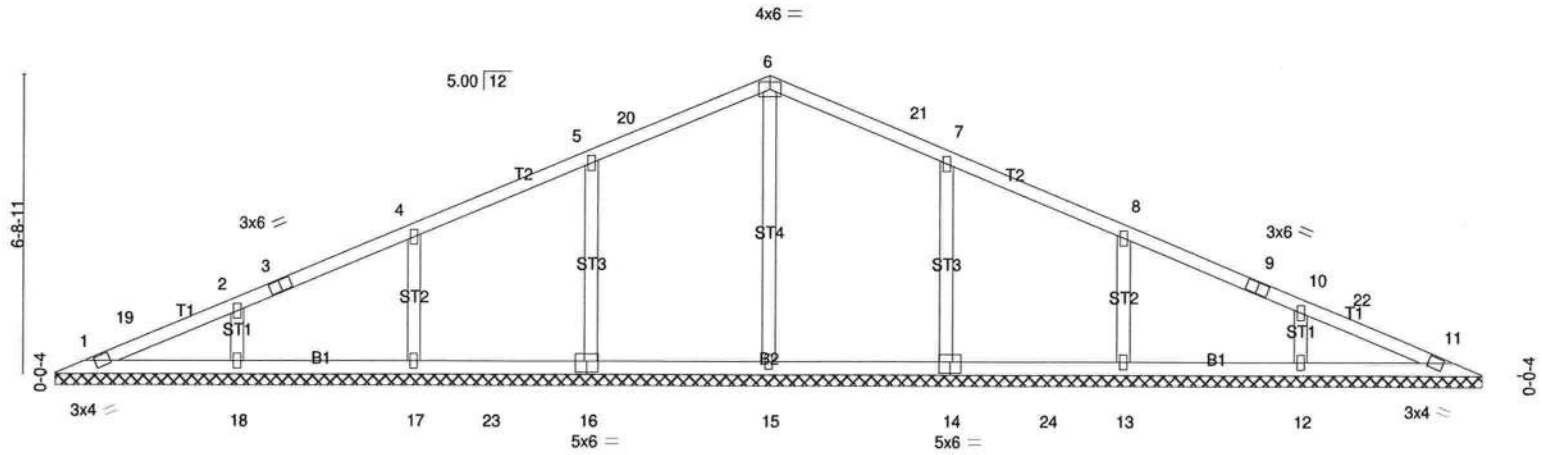
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-X0ntZ66fLA1n9bHpW8M5_wt782NCRfZik3Ssc_zPhK1

14-8-4
16-1-11
16-1-11
32-3-6
16-1-11

Scale = 1:51.9



14-8-4
0-0-10
0-0-10
32-3-6
32-2-13

Plate Offsets (X,Y)-- [14:0-3-0,0-3-0], [16:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.00	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 132 lb	FT = 20%

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

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. All bearings 32-2-3.
(lb) - Max Horz 1=-145(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 17, 13, 11 except 16=-107(LC 12), 18=-101(LC 12), 14=-107(LC 12), 12=-101(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 11 except 15=426(LC 17), 16=490(LC 17), 17=357(LC 17), 18=372(LC 21), 14=489(LC 18), 13=357(LC 18), 12=372(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-16=-305/190, 4-17=-275/147, 2-18=-284/182, 7-14=-305/190, 8-13=-275/147, 10-12=-284/182

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0~~psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 16-1-11, Exterior(2) 16-1-11 to 19-1-11 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 17, 13, 11 except (jt=lb) 16=107, 18=101, 14=107, 12=101.

LOAD CASE(S) Standard

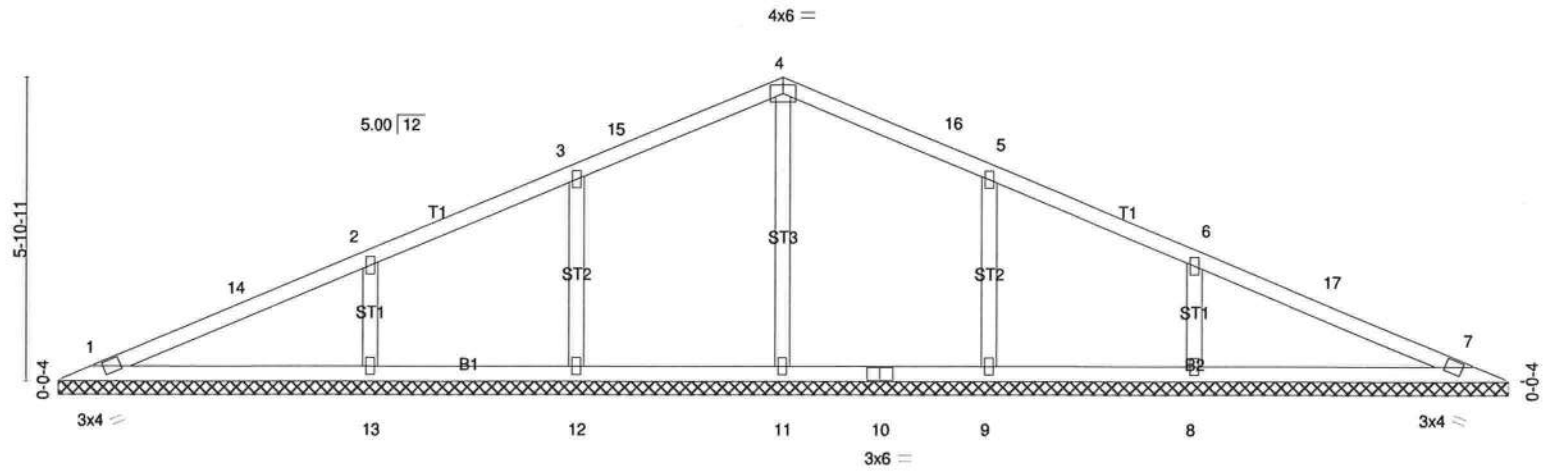
1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V06	Valley	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:01 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-u_amdpAn9if3FMAmJhyGh_Nw133N6wkRuKAcGCzPhJy

15-6-4 | 14-1-11 | 28-3-6
14-1-11 | 14-1-11

Scale = 1:44.8



15-6-4 | 28-2-13 | 28-3-6
28-2-13 | 0-0-10

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 110 lb	FT = 20%

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

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. All bearings 28-2-3.
(lb) - Max Horz 1=-126(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 12, 9 except 13=-136(LC 12), 8=-136(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=453(LC 17), 12=379(LC 17), 13=504(LC 1), 9=379(LC 18), 8=504(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-269/171, 2-13=-378/224, 5-9=-269/171, 6-8=-378/224

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 14-1-11, Exterior(2) 14-1-11 to 17-1-11 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 12, 9 except (jt=lb) 13=136, 8=136.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

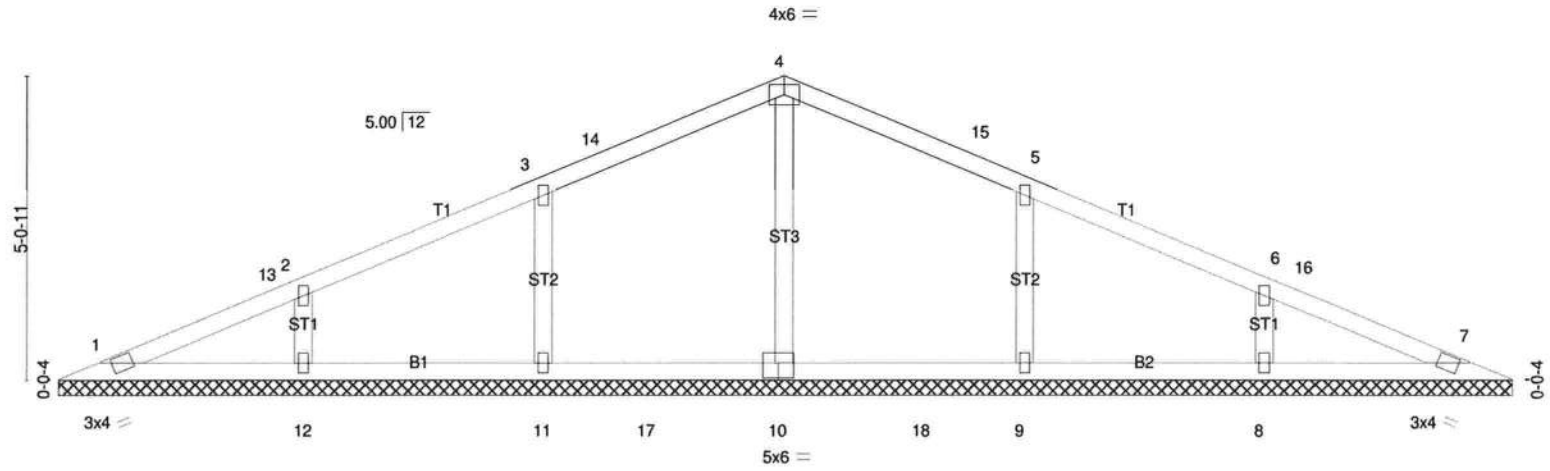
Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V07	Valley	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:04 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-IZGuFrCgSd1e6puL_qWzJc?U6G6SJIntaIOGtWzPhJv

16-4-4
12-1-11
12-1-11
24-3-6
12-1-11

Scale = 1:38.4



16-4-4
0-0-10
0-0-10
24-3-6
24-2-13

Plate Offsets (X,Y)-- [10:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 91 lb	FT = 20%

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

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. All bearings 24-2-3.
(lb) - Max Horz 1=-107(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 12, 8 except 11=-106(LC 12), 9=-105(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=407(LC 17), 11=382(LC 17), 12=366(LC 1), 9=389(LC 18), 8=366(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-11=-303/189, 2-12=-278/180, 5-9=-303/189, 6-8=-278/180

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 12-1-11, Exterior(2) 12-1-11 to 15-1-11 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 12, 8 except (jt=lb) 11=106, 9=105.

LOAD CASE(S) Standard

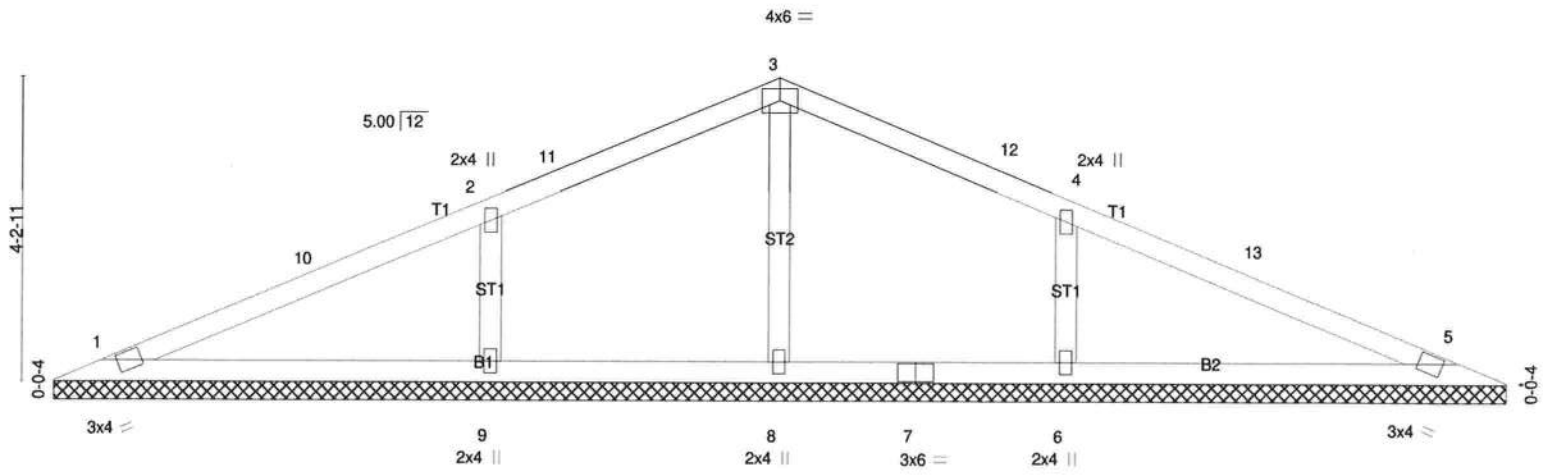
1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V08	Valley	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:08 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-BKVP5CFAWsX4bRC6DfavTS978tS1F6BTVwNU0IzPhJr

17-2-4
10-1-11
10-1-11
20-3-6
10-1-11

Scale: 3/8"=1'



17-2-4
0-0-10
0-0-10
20-3-6
20-2-13

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 72 lb	FT = 20%

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

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. All bearings 20-2-3.
(lb) - Max Horz 1=-88(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=-145(LC 12), 6=-145(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 8 except 9=528(LC 21), 6=528(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-400/236, 4-6=-400/236

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 10-1-11, Exterior(2) 10-1-11 to 13-1-11 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=145, 6=145.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

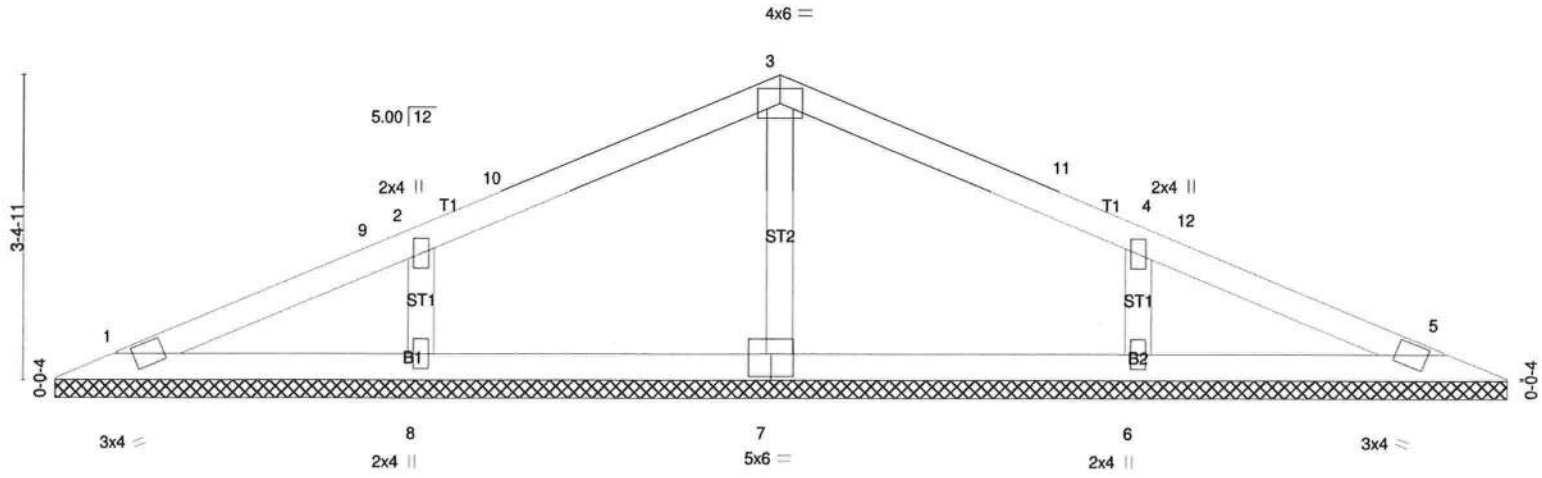
Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V09	Valley	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:11 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-bvBYjEH3onwfSuxhvo8c55nh95WfSUHvBub8dczPhJo

18-0-4
8-1-11
8-1-11
16-3-6
8-1-11

Scale = 1:25.7



18-0-4
0-0-10
0-0-10
16-3-6
16-2-13

Plate Offsets (X,Y)-- [7:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 56 lb	FT = 20%

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

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. All bearings 16-2-3.
(lb) - Max Horz 1=70(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 8=-110(LC 12), 6=-109(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=312(LC 1), 8=392(LC 21), 6=395(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-307/193, 4-6=-306/193

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 8-1-11, Exterior(2) 8-1-11 to 11-1-11 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 7 except (jt=lb) 8=110, 6=109.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V10	Valley	2	1	Job Reference (optional)

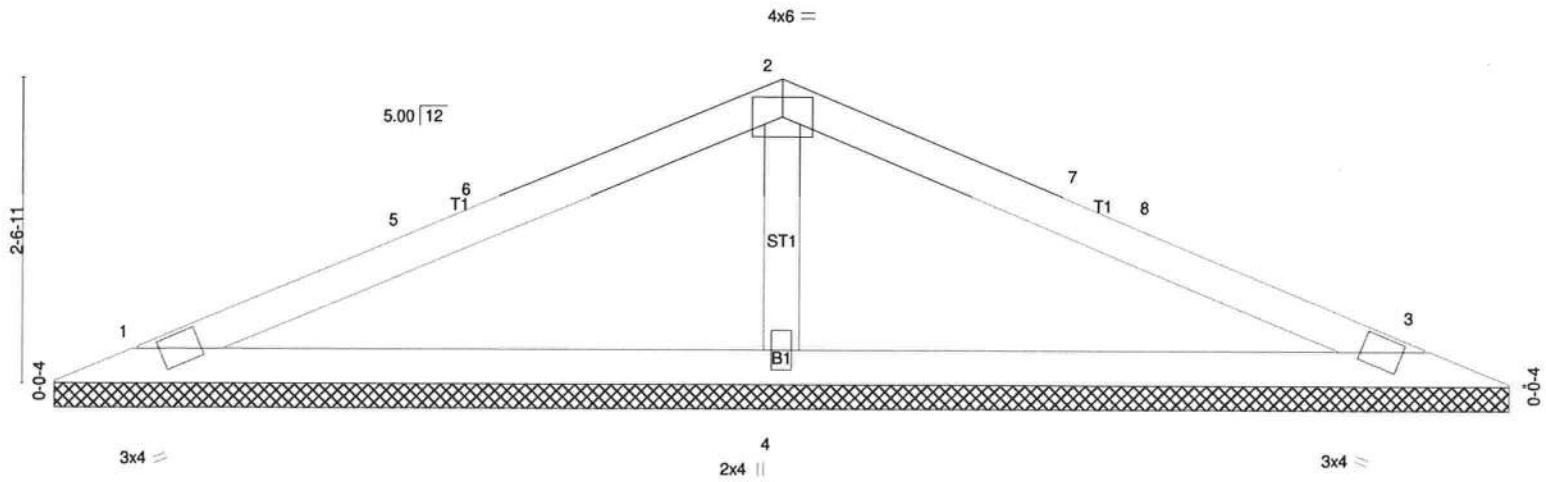
DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:15 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-UgR2ZbKZs0Q4xVET8eCYGxyJfiqmOG_V6WZLmOzPhJk

18-10-4 | 6-1-11 | 12-3-6

6-1-11 | 6-1-11

Scale = 1:19.4



18-10-4

0-0-10 | 12-3-6

0-0-10 | 12-2-13

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 38 lb	FT = 20%

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

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) 1=215/12-2-3 (min. 0-1-8), 3=215/12-2-3 (min. 0-1-8), 4=541/12-2-3 (min. 0-1-8)
Max Horz 1=-51(LC 10)
Max Uplift1=-54(LC 12), 3=-54(LC 12), 4=-84(LC 12)
Max Grav 1=219(LC 21), 3=219(LC 22), 4=541(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-378/216

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 6-1-11, Exterior(2) 6-1-11 to 9-1-11 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V11	Valley	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:20 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-qeExcJOlhY2N1H7QwBojz_fDkjbm3YeEGoH6RbzPhJf

19-8-4
4-1-11
4-1-11
8-3-6
4-1-11

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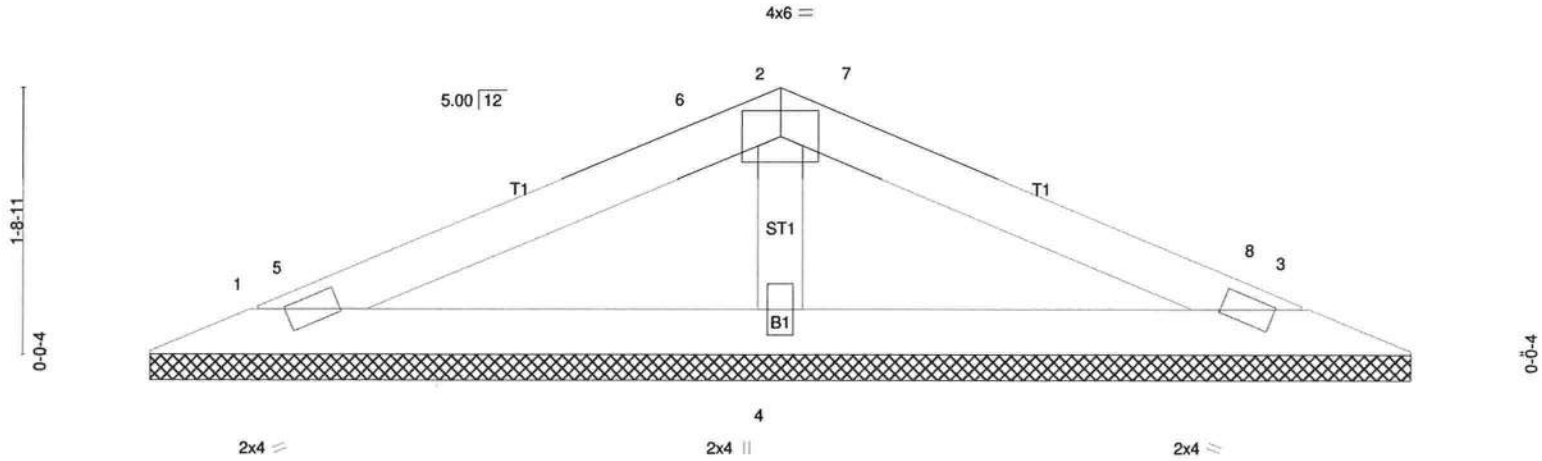

19-8-4
0-0-10
0-0-10
8-3-6
8-2-13

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 25 lb	FT = 20%

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

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) 1=152/8-2-3 (min. 0-1-8), 3=152/8-2-3 (min. 0-1-8), 4=306/8-2-3 (min. 0-1-8)
Max Horz 1=32(LC 11)
Max Uplift1=-43(LC 12), 3=-43(LC 12), 4=-34(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=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 4-1-11, Exterior(2) 4-1-11 to 7-1-11 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V12	VALLEY	2	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-jPTSSgRDlnYpWuQB90tf7qqySKyp?MOpAPFKaMzPhJb

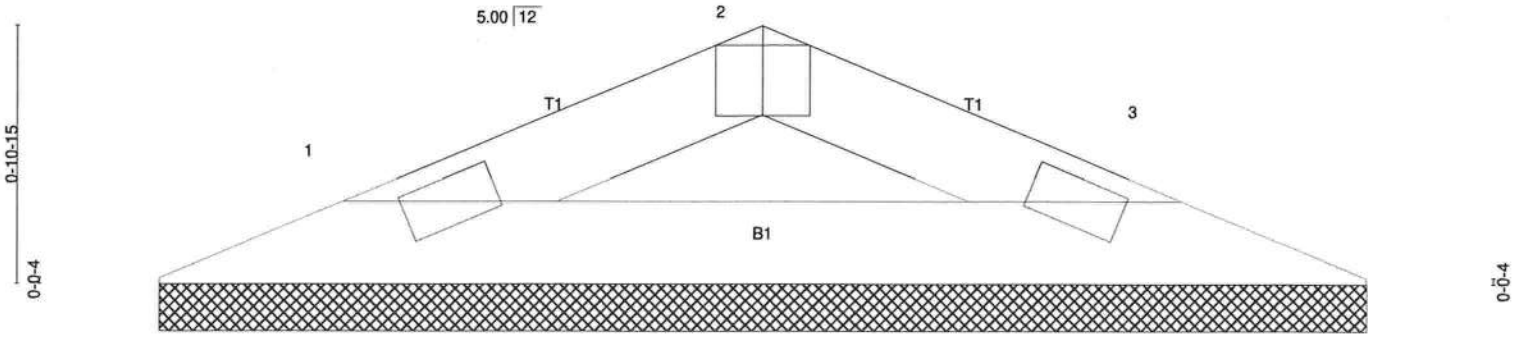
20-11-12

2-1-11 | 4-3-6

2-1-11 | 2-1-11

3x4 =

Scale = 1:8.2



2x4 = 2x4 =

20-11-12

4-3-6

4-3-6

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.11	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code FBC2017/TPI2014	Matrix-P						Weight: 11 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=132/4-3-6 (min. 0-1-8), 3=132/4-3-6 (min. 0-1-8)
Max Horz 1=-14(LC 10)
Max Uplift1=-26(LC 12), 3=-26(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=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V13	Valley	1	1	Job Reference (optional)

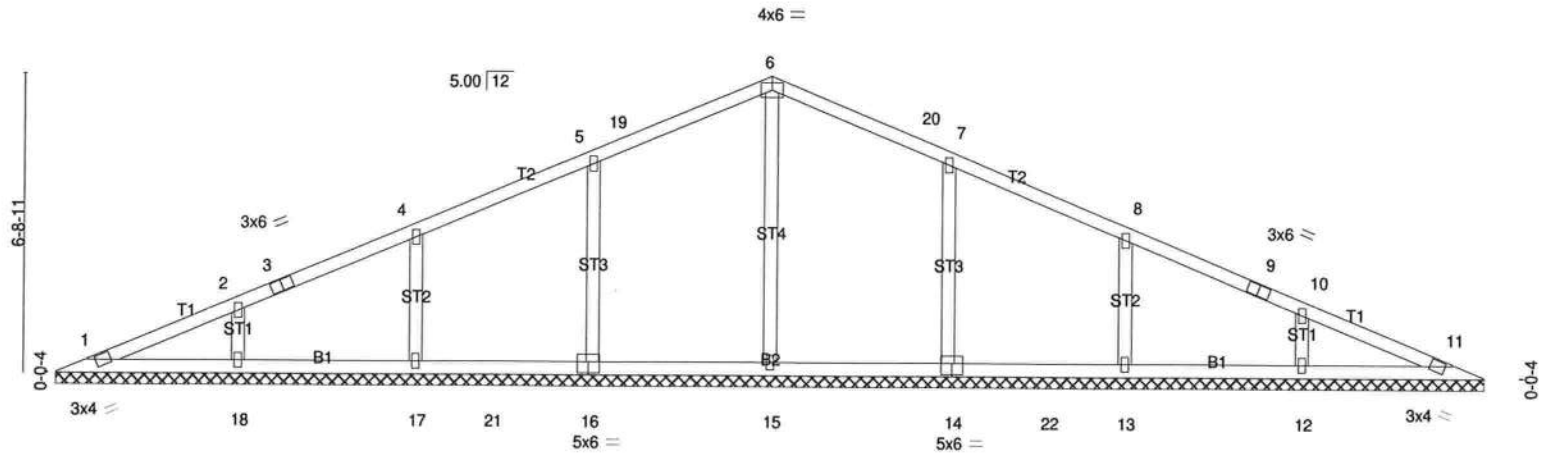
DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:28 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-bAjzH2Vjo?3E?VkzOsxbHg_b3xlhx8UP51DXj7zPhJX

14-10-4 | 16-1-11 | 32-3-6

16-1-11 | 16-1-11

Scale = 1:51.9



14-10-4

0-0-10 | 32-3-6

0-0-10 | 32-2-13

Plate Offsets (X,Y)-- [14:0-3-0,0-3-0], [16:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.00	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 132 lb	FT = 20%

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

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. All bearings 32-2-3.
(lb) - Max Horz 1=-160(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 17, 13, 11 except 16=-107(LC 12), 18=-101(LC 12), 14=-107(LC 12), 12=-101(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 11 except 15=428(LC 17), 16=499(LC 17), 17=365(LC 17), 18=372(LC 21), 14=498(LC 18), 13=365(LC 18), 12=372(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-16=-305/194, 4-17=-275/147, 2-18=-285/189, 7-14=-305/193, 8-13=-275/147, 10-12=-285/189

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=0.0psf~~; h=15ft; B=45ft; L=32ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 4-1-11, Interior(1) 4-1-11 to 16-1-11, Exterior(2) 16-1-11 to 19-4-5 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 17, 13, 11 except (jt=lb) 16=107, 18=101, 14=107, 12=101.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V14	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:31 2018 Page 1
ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-0lO5w3Xc5wRpszSX4?VlvJc2S9JO8URm?RBKSzPhJU

13-10-4 | 18-1-11 | 34-3-7 | 37-7-6
18-1-11 | 16-1-12 | 3-3-15

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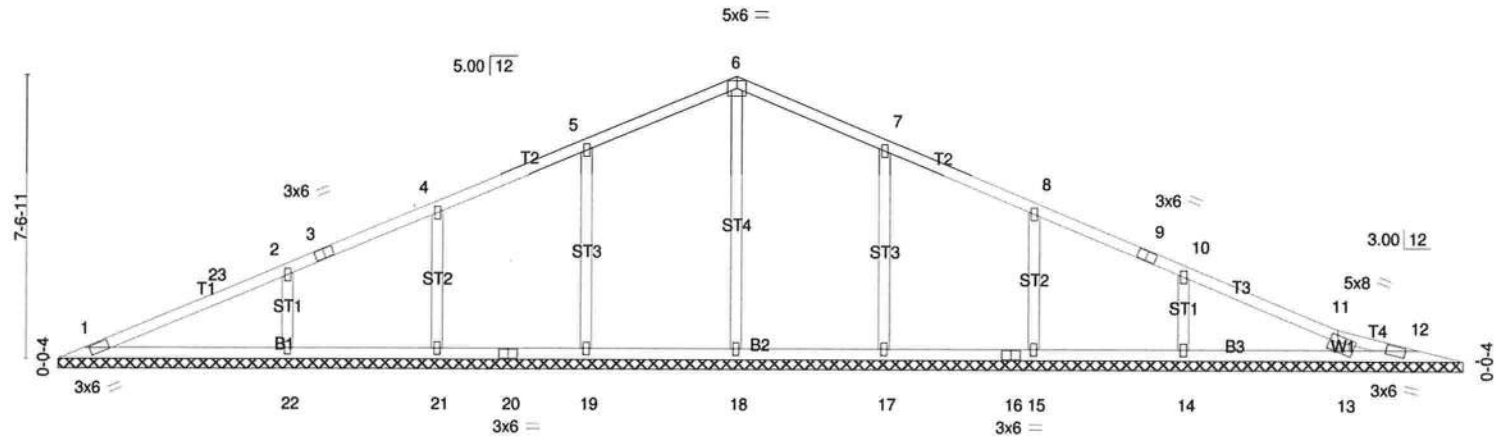


13-10-4 | 34-3-7 | 37-7-6
34-3-7 | 3-3-15

Plate Offsets (X,Y)-- [11:0-2-8,0-2-0], [13:0-1-10,0-0-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 157 lb	FT = 20%

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

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, Except:
6-0-0 oc bracing: 12-13.

REACTIONS. All bearings 37-7-6.
(lb) - Max Horz 1=-188(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 12, 1, 21, 15, 13 except 19=-109(LC 12), 22=-138(LC 12), 17=-106(LC 12), 14=-109(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 12, 1 except 18=418(LC 17), 19=528(LC 17), 21=369(LC 17), 22=510(LC 17), 17=517(LC 18), 15=410(LC 18), 14=395(LC 22), 13=316(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-19=-315/211, 2-22=-391/238, 7-17=-308/208, 8-15=-272/147, 10-14=-316/170

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=37ft; eave=5ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 4-6-0, Interior(1) 4-6-0 to 18-1-11, Exterior(2) 18-1-11 to 22-1-11, Interior(1) 34-3-7 to 36-4-6 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 1, 21, 15, 13 except (jt=lb) 19=109, 22=138, 17=106, 14=109.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V15	GABLE	1	1	Job Reference (optional)

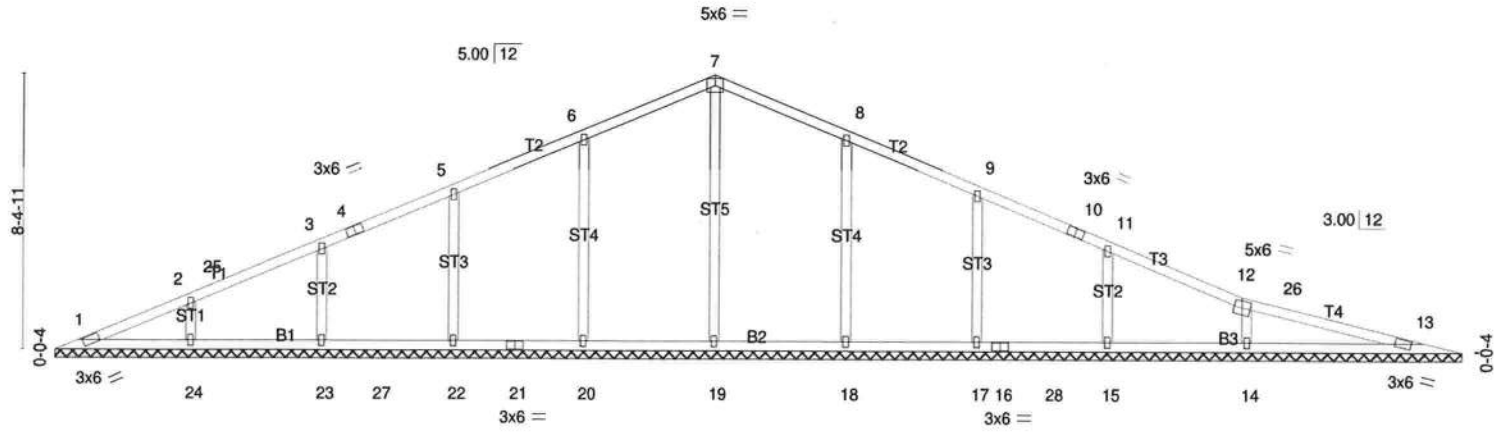
DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:35 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-uWeclRa699xFKamJJqZE39nkYmgR4GVRidPPTDzPhJQ

13-0-4 | 20-1-11 | 36-3-7 | 42-11-6

20-1-11 | 16-1-12 | 6-7-15

Scale = 1:70.4



13-0-4 | 36-3-7 | 42-11-6

36-3-7 | 6-7-15

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.45	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.01	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 185 lb	FT = 20%

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

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, Except:
6-0-0 oc bracing: 13-14.

REACTIONS. All bearings 42-11-6.
(lb) - Max Horz 1=-214(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 13, 1, 22, 23, 17 except 20=-105(LC 12), 24=-101(LC 12), 18=-106(LC 12), 15=-103(LC 12), 14=-105(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 13, 1 except 19=429(LC 17), 20=511(LC 17), 22=480(LC 17), 23=383(LC 17), 24=377(LC 17), 18=510(LC 18), 17=480(LC 18), 15=383(LC 18), 14=487(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-20=-310/206, 5-22=-284/152, 3-23=-290/155, 2-24=-292/206, 8-18=-310/206, 9-17=-281/151, 11-15=-300/160, 12-14=-359/207

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=43ft; eave=5ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 5-0-7, Interior(1) 5-0-7 to 20-1-11, Exterior(2) 20-1-11 to 24-1-11, Interior(1) 36-3-7 to 41-8-6 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 13, 1, 22, 23, 17 except (jt=lb) 20=105, 24=101, 18=106, 15=103, 14=105.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V16	GABLE	1	1	Job Reference (optional)

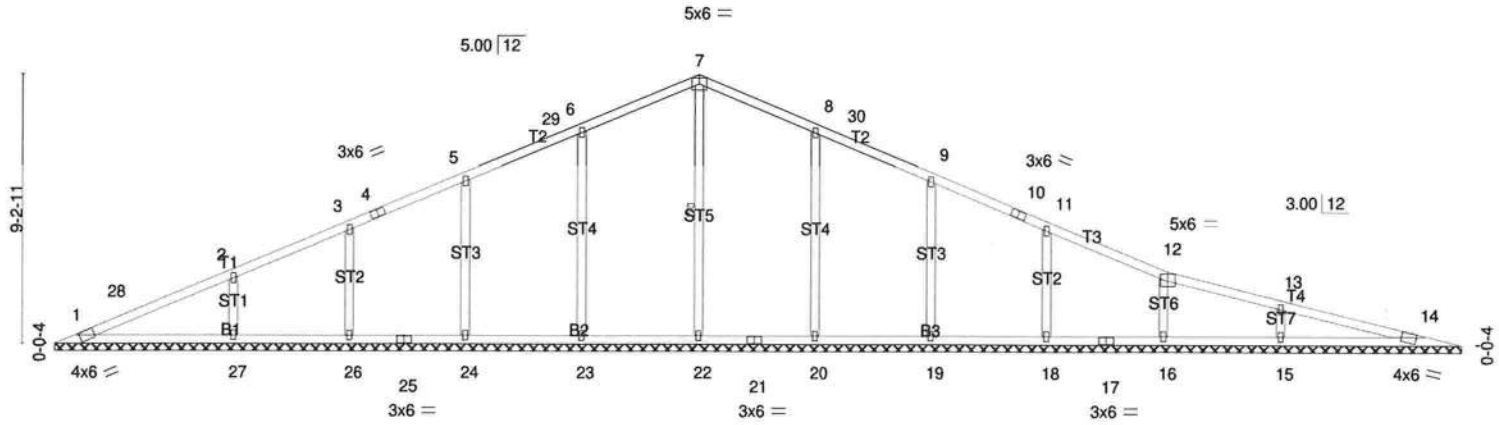
DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:39 2018 Page 1

ID:SOUCGHPglpQmbtaOUGAbG1yKvYv-nIt7bpddCORgpB44YgeAE?xQQN2H04A1dFNdc?zPhJM

12-2-4 | 22-1-11 | 38-3-7 | 48-3-6

22-1-11 | 16-1-12 | 9-11-15

Scale = 1:79.2



12-2-4 | 48-3-6

48-3-6

Plate Offsets (X,Y)-- [12:Edge,0-2-14]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 214 lb	FT = 20%

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

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.
WEBS 1 Row at midpt 7-22

REACTIONS. All bearings 48-3-6.
(lb) - Max Horz 1=-240(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 14, 1, 24, 26, 19, 16 except 23=-104(LC 12), 27=-138(LC 12), 20=-106(LC 12), 18=-112(LC 12), 15=-108(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 14, 1 except 22=438(LC 17), 23=507(LC 17), 24=508(LC 17), 26=381(LC 17), 27=517(LC 17), 20=512(LC 18), 19=486(LC 18), 18=466(LC 18), 16=301(LC 1), 15=476(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 6-7=-151/272, 7-8=-151/266
WEBS 6-23=-311/219, 5-24=-295/159, 3-26=-258/137, 2-27=-398/258, 8-20=-315/221, 9-19=-278/147, 11-18=-323/169, 13-15=-362/222

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=48ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 5-6-13, Interior(1) 5-6-13 to 22-1-11, Exterior(2) 22-1-11 to 26-11-8, Interior(1) 38-3-7 to 47-0-6 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 1, 24, 26, 19, 16 except (jt=lb) 23=104, 27=138, 20=106, 18=112, 15=108.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V17	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:43 2018 Page 1
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24-1-11 | 16-1-12 | 13-3-15

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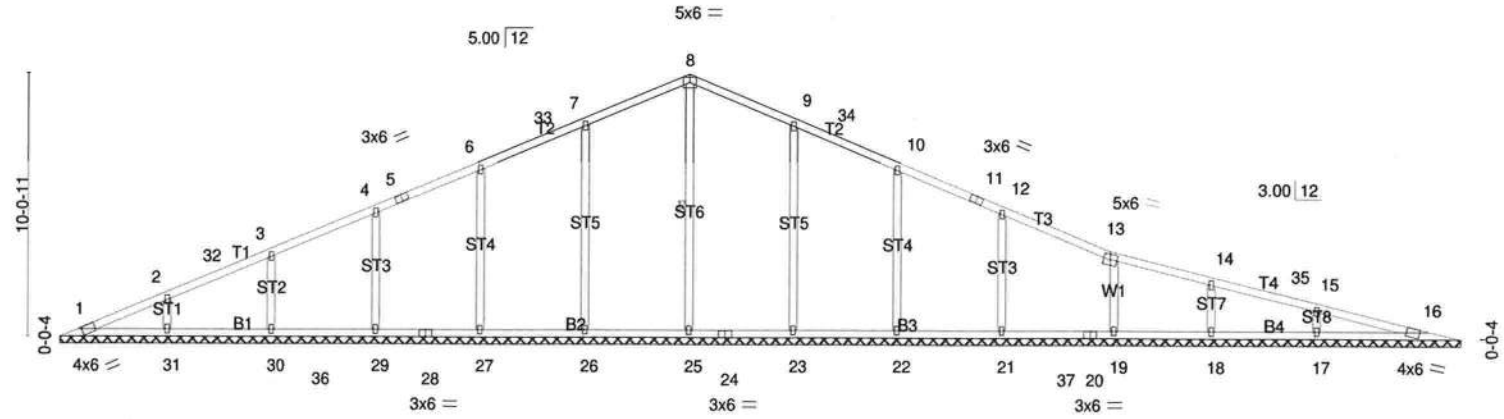

11-4-4 | 53-7-6
53-7-6

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.01	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 245 lb	FT = 20%

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

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.
WEBS 1 Row at midpt 8-25

REACTIONS. All bearings 53-7-6.
(lb) - Max Horz 1=-265(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 16, 1, 27, 29, 30, 22, 18, 17, 19 except 26=-105(LC 12), 31=-101(LC 12), 23=-105(LC 12), 21=-109(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 16, 1 except 25=436(LC 17), 26=515(LC 17), 27=489(LC 17), 29=492(LC 17), 30=386(LC 17), 31=382(LC 17), 23=517(LC 18), 22=481(LC 18), 21=523(LC 18), 18=347(LC 22), 17=422(LC 22), 19=348(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-8=-167/303, 8-9=-167/295
WEBS 7-26=-315/228, 6-27=-288/152, 4-29=-295/153, 3-30=-293/158, 2-31=-297/222, 9-23=-317/229, 10-22=-281/148, 12-21=-322/167, 14-18=-278/134, 15-17=-318/213, 13-19=-262/139

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=0.0psf~~; h=15ft; B=45ft; L=53ft; eave=6ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 6-1-4, Interior(1) 6-1-4 to 24-1-11, Exterior(2) 24-1-11 to 29-5-14, Interior(1) 40-3-7 to 52-4-6 zone; cantilever left and right exposed ; end vertical 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 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 1, 27, 29, 30, 22, 18, 17, 19 except (jt=lb) 26=105, 31=101, 23=105, 21=109.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V19	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB) 8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:46 2018 Page 1

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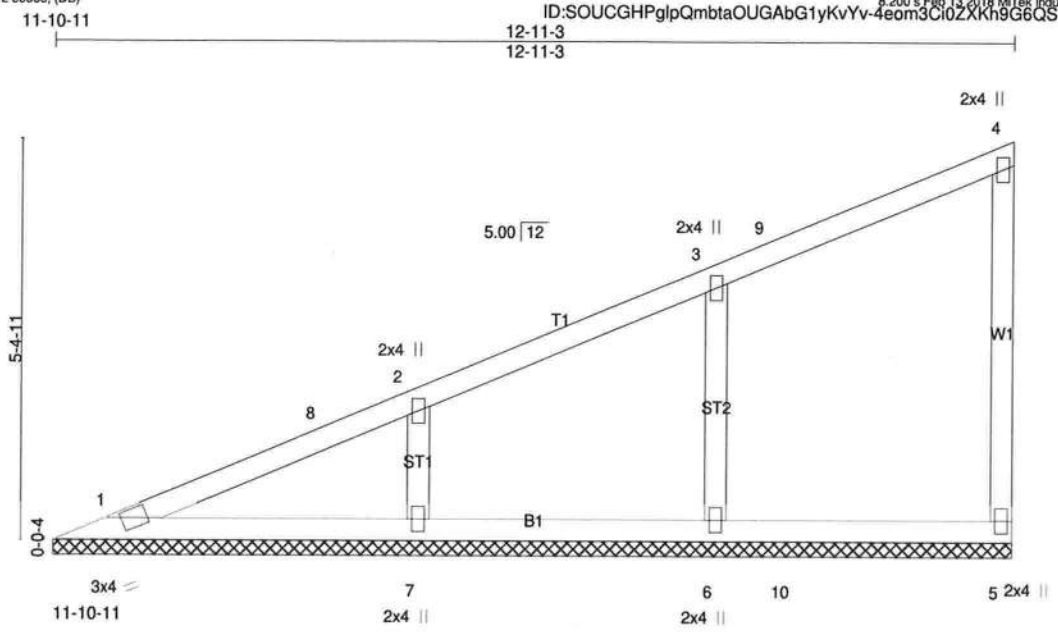

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 53 lb	FT = 20%

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

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.

REACTIONS. All bearings 12-11-3.
(lb) - Max Horz 1=192(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 5, 6 except 7=-113(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 6=405(LC 17), 7=414(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-291/200, 2-7=-313/206

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 12-9-7 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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) 5, 6 except (jt=lb) 7=113.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V20	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:40:50 2018 Page 1

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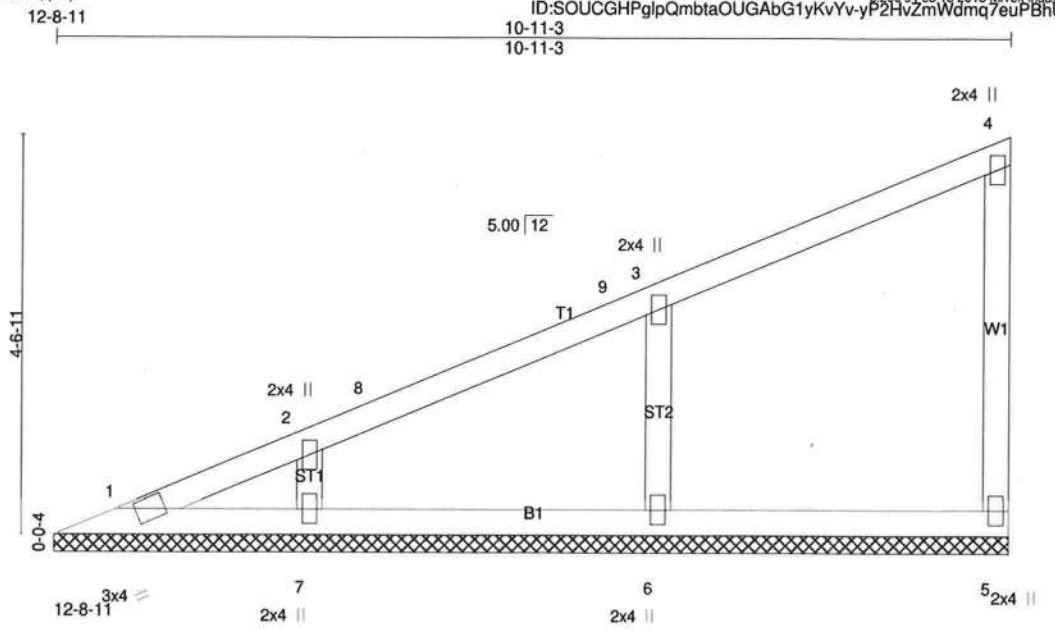

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 43 lb	FT = 20%

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

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.

REACTIONS. All bearings 10-11-3.
(lb) - Max Horz 1=160(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 5, 7 except 6=-107(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 6=396(LC 1), 7=306(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-309/249

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 10-9-7 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 7 except (jt=lb) 6=107.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V21	GABLE	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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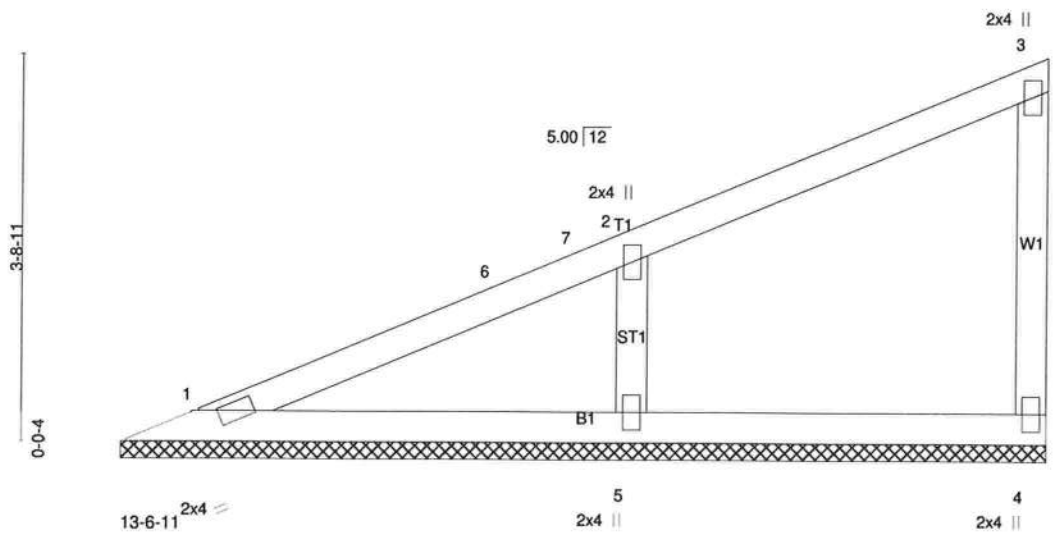

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.28	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.16	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.09	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code FBC2017/TPI2014	Matrix-P		Weight: 33 lb FT = 20%

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

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.

REACTIONS. (lb/size) 1=145/8-11-3 (min. 0-1-8), 4=126/8-11-3 (min. 0-1-8), 5=452/8-11-3 (min. 0-1-8)
Max Horz 1=128(LC 12)
Max Uplift4=-34(LC 12), 5=-123(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-352/288

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 8-9-7 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 5=123.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V22	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

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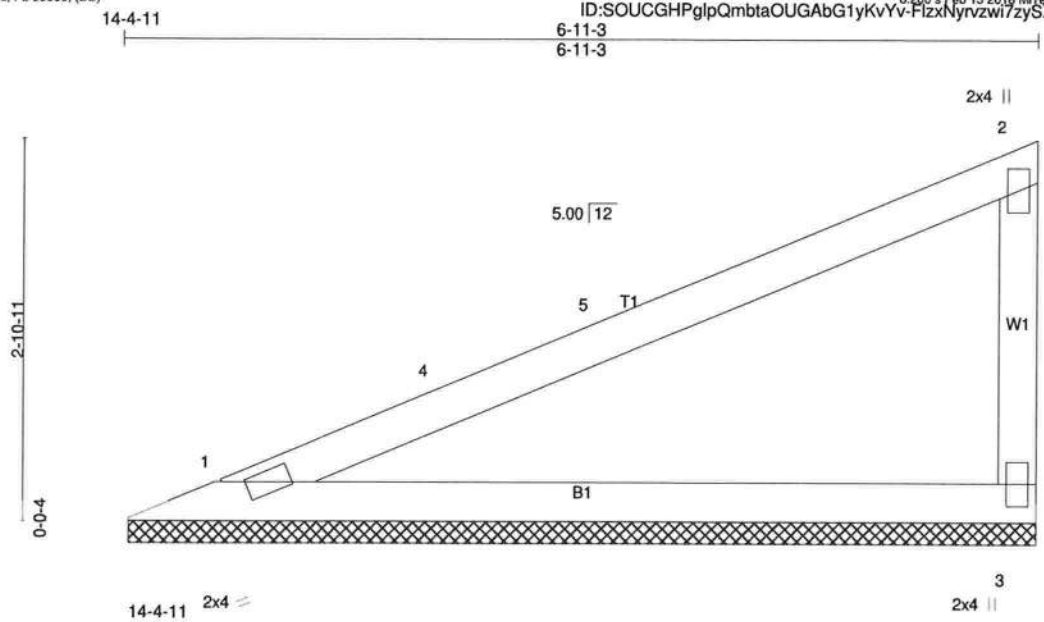

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.79	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 24 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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.

REACTIONS. (lb/size) 1=272/6-10-10 (min. 0-1-8), 3=272/6-10-10 (min. 0-1-8)
Max Horz 1=96(LC 12)
Max Uplift1=-33(LC 12), 3=-74(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf;~~ h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 6-9-7 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Job	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
J17-2122-2	V23	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:41:01 2018 Page 1

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4-11-3

4-11-3

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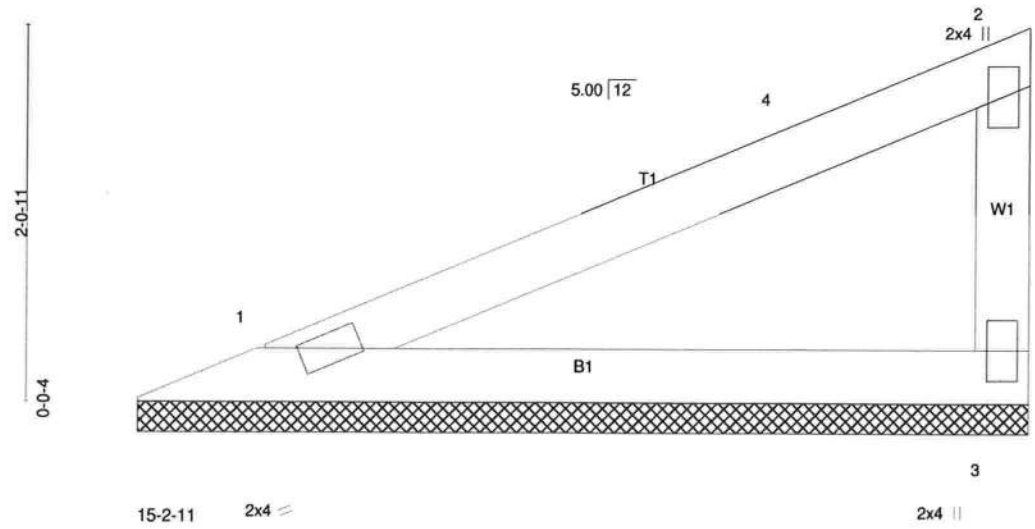

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 16 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=181/4-10-10 (min. 0-1-8), 3=181/4-10-10 (min. 0-1-8)
Max Horz 1=65(LC 12)
Max Uplift1=-22(LC 12), 3=-49(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-9-1 to 3-9-1, Interior(1) 3-9-1 to 4-9-7 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

	Truss	Truss Type	Qty	Ply	ELKINS CONST. / GULF COAST HEALTH CARE
17-2122-2	V24	Valley	1	1	Job Reference (optional)

DJ Trussses Unlimited, Inc., Lakeland, FL 33803, (DB)

8.200 s Feb 13 2018 MiTek Industries, Inc. Tue Apr 17 22:41:05 2018 Page 1

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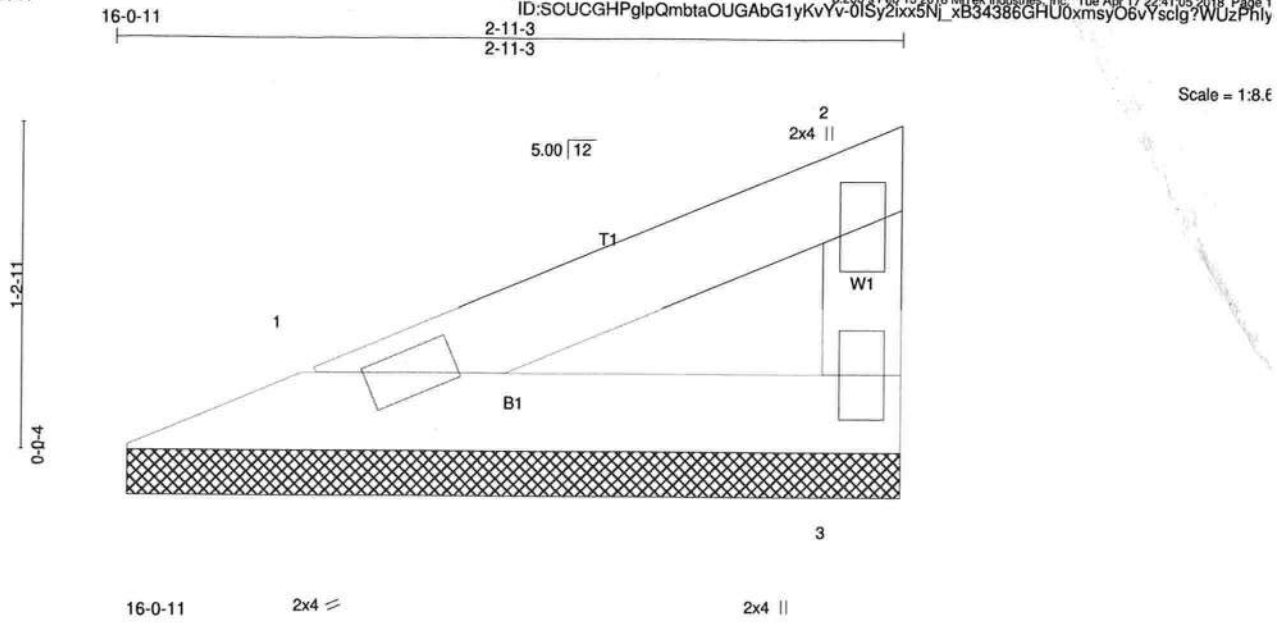


LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.08	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 15.0	Lumber DOL 1.25	BC 0.04	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 n/a n/a		
BCDL 10.0	Code FBC2017/TPI2014	Matrix-P		Weight: 9 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=91/2-10-10 (min. 0-1-8), 3=91/2-10-10 (min. 0-1-8)
Max Horz 1=33(LC 12)
Max Uplift1=-11(LC 12), 3=-25(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=135mph (3-second gust) Vasd=105mph; ~~TCDL=4.2psf; BCDL=6.0psf~~; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. III; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

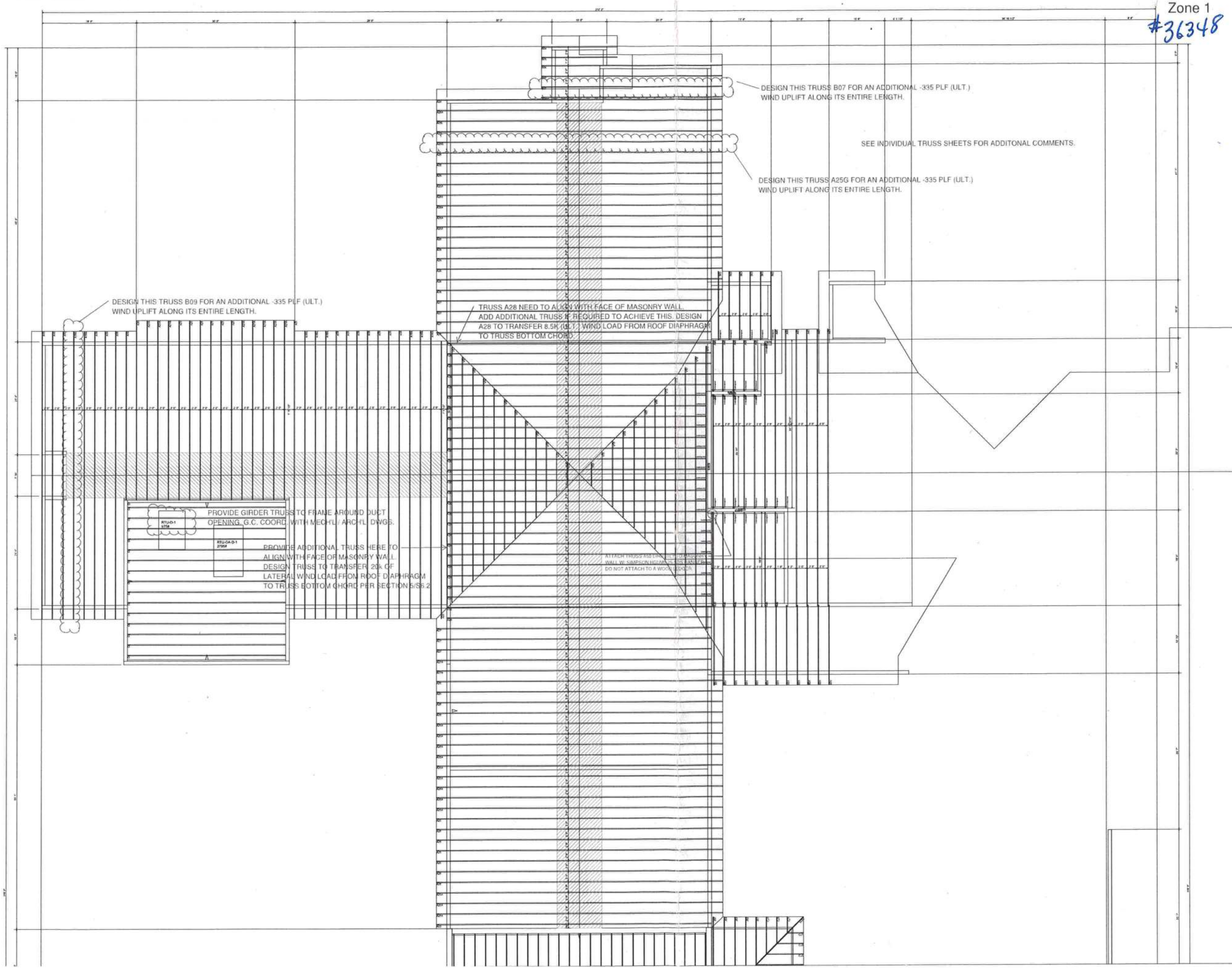
LOAD CASE(S) Standard

1. ONLY USE 2.5 PSF TOP CHORD AND 2.5 PSF BOTT CHORD DEAD LOAD TO RESIST UPLIFT PER S1.0

Nursing Home file

Zone 1

#36348



Loading Criteria		
	Roof	Floor
TCLL	20	40
TCDL	15	10
BCLL	0	0
BCDL	10	5
Duration	1.25	1.00
Wind Std.	ASCE 7-10	
Wind Speed	See Eng.	
Wind Cat.	See Eng.	
Wind Exp.	See Eng.	

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onifrio Drive; Madison, WI 53179.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

REVIEWED BY:_____ APPROVED

BY:_____ DATE:_____

DJ TRUSSES UNLIMITED, INC.

3125 Reynolds Rd.
Lakeland, FL 33803
(Ph) 863-687-4796
(Fax) 863-687-9820

Customer: ELKINS CONSTRUCTION

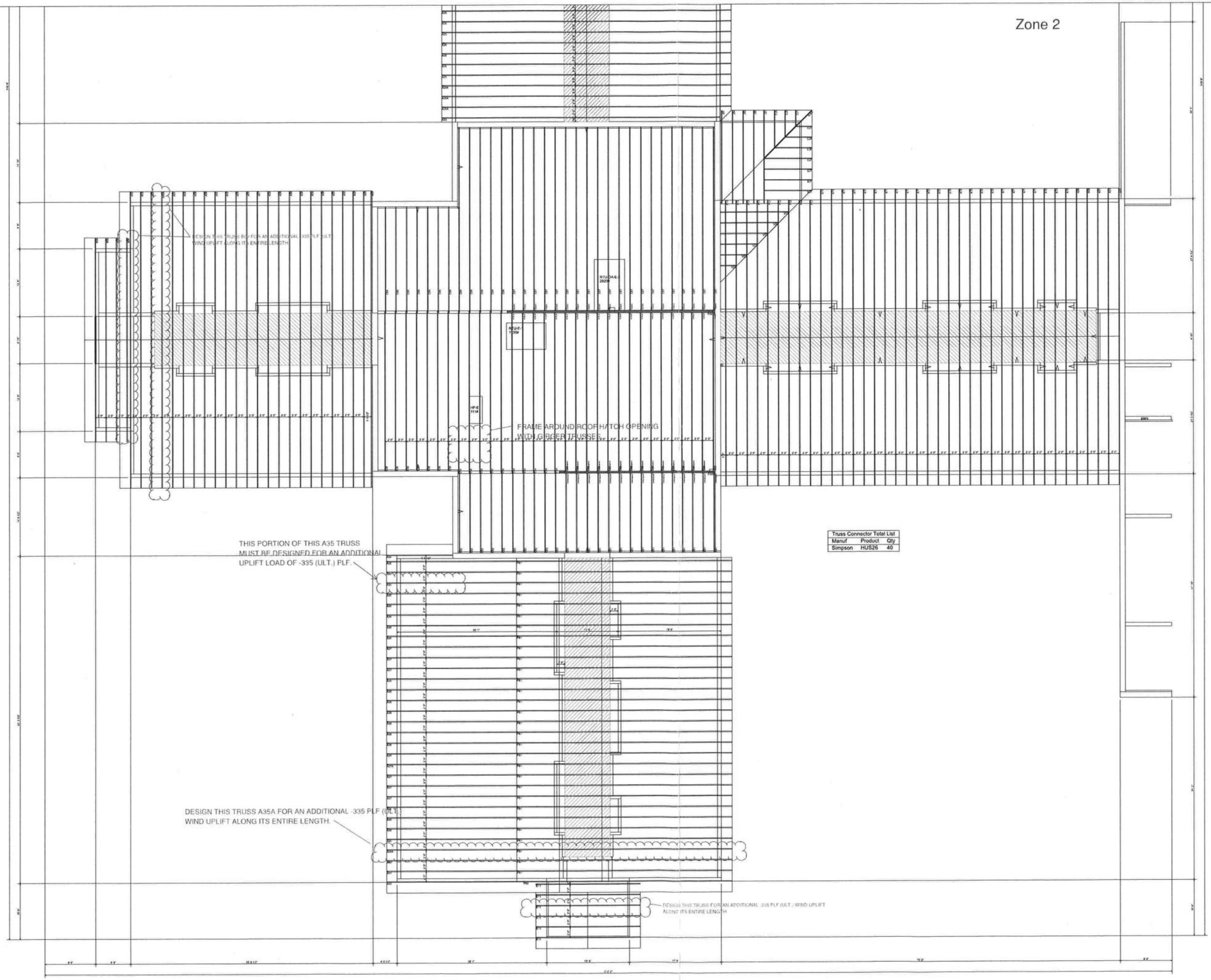
Job Name: GULF COAST HEALTH CARE

Model:

Address: 10234 NW PROSPERITY PLACE

Lot: Lot | Subdivision:

Order #: J17-2122-1 | Designer: Daniel Buss | Date: 01/01/01



Truss Connector Total List		
Manuf	Product	Qty
Simpson	HUS26	40

Loading Criteria		
	Roof	Floor
TCLL	20	40
TCDL	15	10
BCLL	0	0
BCDL	10	5
Duration	1.25	1.00
Wind Std.	ASCE 7-10	
Wind Speed	See Eng.	
Wind Cat.	See Eng.	
Wind Exp.	See Eng.	

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REVIEWED BY:_____ APPROVED BY:_____ DATE:_____

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Lakeland, FL 33803
(Ph) 863-687-4796
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Customer: ELKINS CONSTRUCTION

Job Name: GULF COAST HEALTH CARE

Model:

Address: 10234 NW PROSPERITY PLACE

Lot	Subdivision:	
Order #: J17-2122-2	Designer: Daniel Buss	Date: 01/01/01