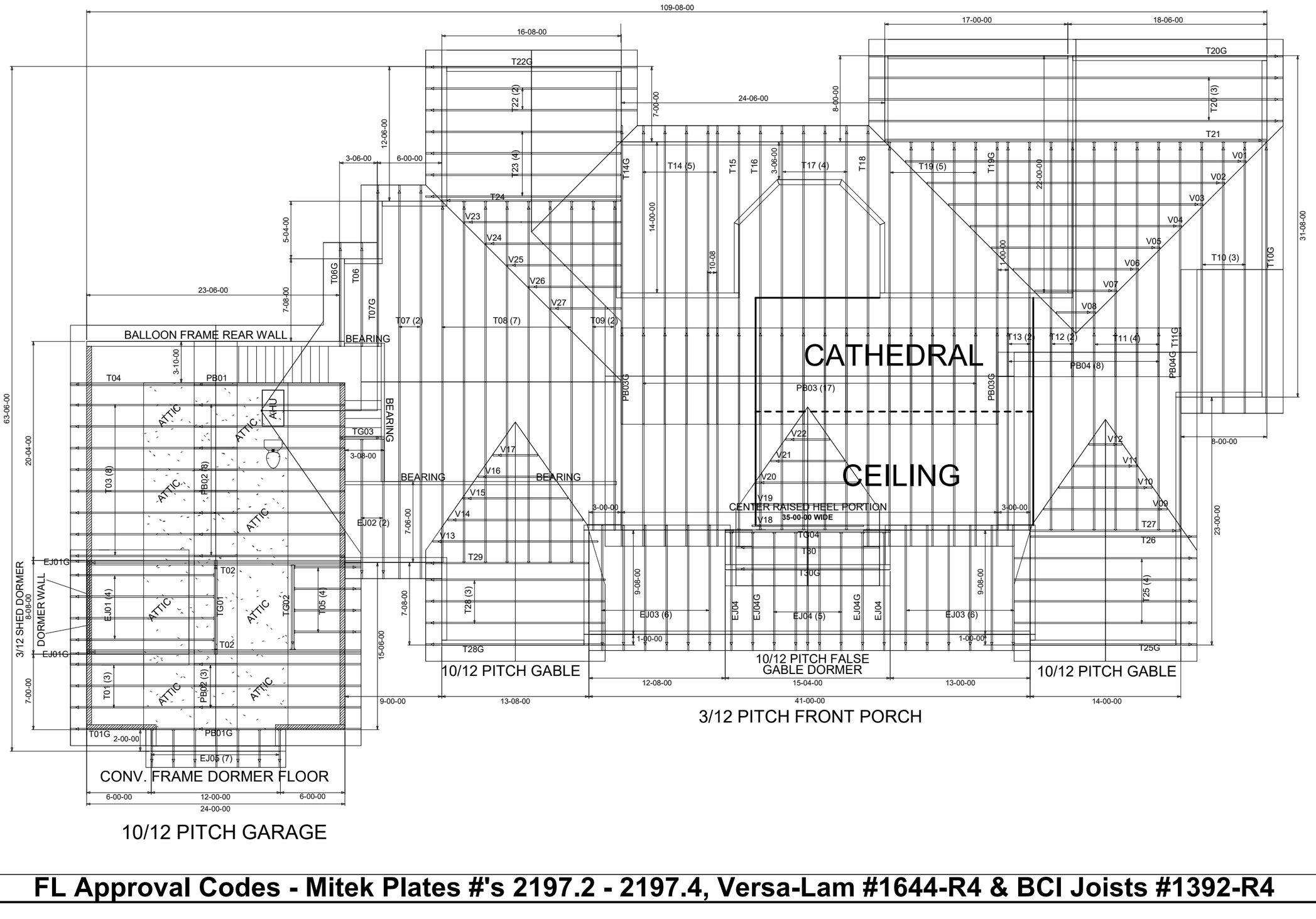
7/12 PITCH - 18" O/H



BEARING HEIGHT SCHEDULE

- 9' 1-1/8"
- 10' 1-1/8"
- 17' 10-1/4"

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V10S FOR ALTERNATE BRACING REQUIREMENTS.
3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
6) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
7) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

Builders FirstSource

Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973

Tampa
PHONE: 813-621-9831 FAX: 813-628-8956

Lake City
PHONE: 386-755-6894 FAX: 386-755-7973

BUILDER:	AMIRA BLDRS.
LEGAL ADDRESS:	BUZZERD RES.
MODEL:	Revision:
	Rev. By:
DATE: 9-8-20	DRAWN BY: KLH
	Original Reference #: 2465502
1st Level Job#:	2nd Level Job#:
	Roof Job#: 2465502

FL Approval Codes - Mitek Plates #'s 2197.2 - 2197.4, Versa-Lam #1644-R4 & BCI Joists #1392-R4

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: 2465502 - AMIRA BLDRS. - BUZZERD RES.

MiTek USA, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: Amira Bldrs. Project Name: Buzzerd Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: 358 SW Marynik Driv, N/A
City: Columbia Cty State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

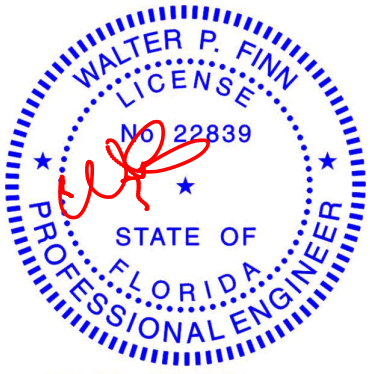
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 87 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T21409755	EJ01	9/25/20	23	T21409777	T07	9/25/20
2	T21409756	EJ01G	9/25/20	24	T21409778	T07G	9/25/20
3	T21409757	EJ02	9/25/20	25	T21409779	T08	9/25/20
4	T21409758	EJ03	9/25/20	26	T21409780	T09	9/25/20
5	T21409759	EJ04	9/25/20	27	T21409781	T10	9/25/20
6	T21409760	EJ04G	9/25/20	28	T21409782	T10G	9/25/20
7	T21409761	EJ05	9/25/20	29	T21409783	T11	9/25/20
8	T21409762	PB01	9/25/20	30	T21409784	T11G	9/25/20
9	T21409763	PB01G	9/25/20	31	T21409785	T12	9/25/20
10	T21409764	PB02	9/25/20	32	T21409786	T13	9/25/20
11	T21409765	PB03	9/25/20	33	T21409787	T14	9/25/20
12	T21409766	PB03G	9/25/20	34	T21409788	T14G	9/25/20
13	T21409767	PB04	9/25/20	35	T21409789	T15	9/25/20
14	T21409768	PB04G	9/25/20	36	T21409790	T16	9/25/20
15	T21409769	T01	9/25/20	37	T21409791	T17	9/25/20
16	T21409770	T01G	9/25/20	38	T21409792	T18	9/25/20
17	T21409771	T02	9/25/20	39	T21409793	T19	9/25/20
18	T21409772	T03	9/25/20	40	T21409794	T19G	9/25/20
19	T21409773	T04	9/25/20	41	T21409795	T20	9/25/20
20	T21409774	T05	9/25/20	42	T21409796	T20G	9/25/20
21	T21409775	T06	9/25/20	43	T21409797	T21	9/25/20
22	T21409776	T06G	9/25/20	44	T21409798	T22	9/25/20

The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Builders FirstSource-Jacksonville.

Truss Design Engineer's Name: Finn, Walter
My license renewal date for the state of Florida is February 28, 2021.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 25,2020

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

RE: 2465502 - AMIRA BLDRS. - BUZZERD RES.

MiTek USA, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: Amira Bldrs. Project Name: Buzzerd Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: 358 SW Marynik Driv, N/A
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T21409799	T22G	9/25/20
46	T21409800	T23	9/25/20
47	T21409801	T24	9/25/20
48	T21409802	T25	9/25/20
49	T21409803	T25G	9/25/20
50	T21409804	T26	9/25/20
51	T21409805	T27	9/25/20
52	T21409806	T28	9/25/20
53	T21409807	T28G	9/25/20
54	T21409808	T29	9/25/20
55	T21409809	T30	9/25/20
56	T21409810	T30G	9/25/20
57	T21409811	TG01	9/25/20
58	T21409812	TG02	9/25/20
59	T21409813	TG03	9/25/20
60	T21409814	TG04	9/25/20
61	T21409815	V01	9/25/20
62	T21409816	V02	9/25/20
63	T21409817	V03	9/25/20
64	T21409818	V04	9/25/20
65	T21409819	V05	9/25/20
66	T21409820	V06	9/25/20
67	T21409821	V07	9/25/20
68	T21409822	V08	9/25/20
69	T21409823	V09	9/25/20
70	T21409824	V10	9/25/20
71	T21409825	V11	9/25/20
72	T21409826	V12	9/25/20
73	T21409827	V13	9/25/20
74	T21409828	V14	9/25/20
75	T21409829	V15	9/25/20
76	T21409830	V16	9/25/20
77	T21409831	V17	9/25/20
78	T21409832	V18	9/25/20
79	T21409833	V19	9/25/20
80	T21409834	V20	9/25/20
81	T21409835	V21	9/25/20
82	T21409836	V22	9/25/20
83	T21409837	V23	9/25/20
84	T21409838	V24	9/25/20
85	T21409839	V25	9/25/20
86	T21409840	V26	9/25/20
87	T21409841	V27	9/25/20

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	EJ01	Jack-Closed	4	1	T21409755 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:13 2020 Page 1
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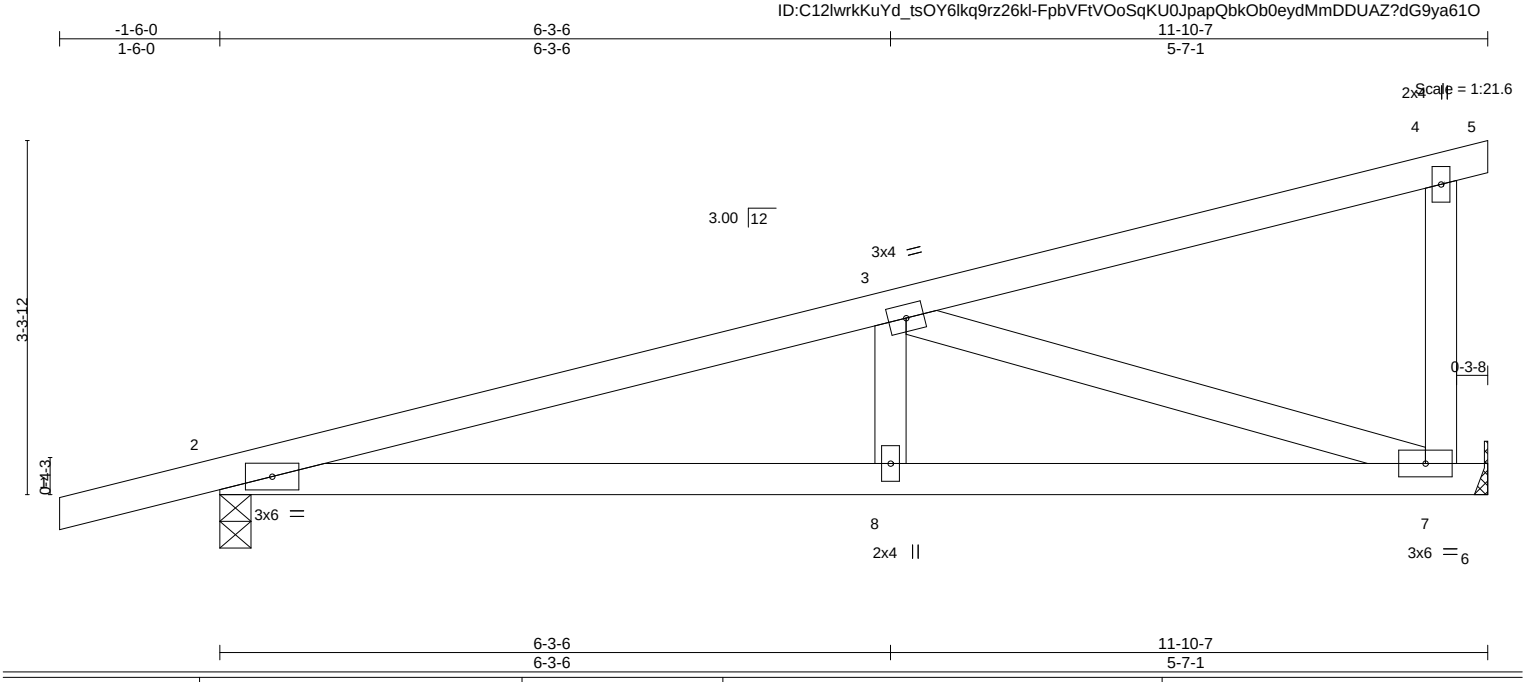


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	0.06	8-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.10	8-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 52 lb	FT = 20%

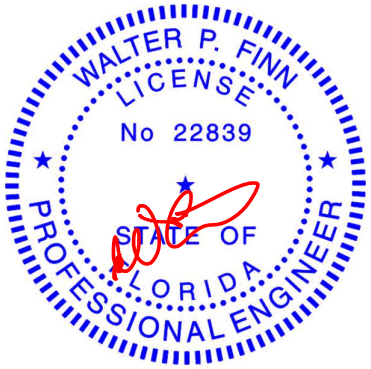
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-1-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=Mechanical
Max Horz 2=172(LC 8)
Max Uplift 2=-282(LC 8), 6=-224(LC 12)
Max Grav 2=523(LC 1), 6=435(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-969/522
BOT CHORD 2-8=-632/919, 7-8=-632/919
WEBS 3-8=0/267, 3-7=-902/620

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=282, 6=224.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	EJ01G	GABLE	2	1	T21409756

Job Reference (optional)

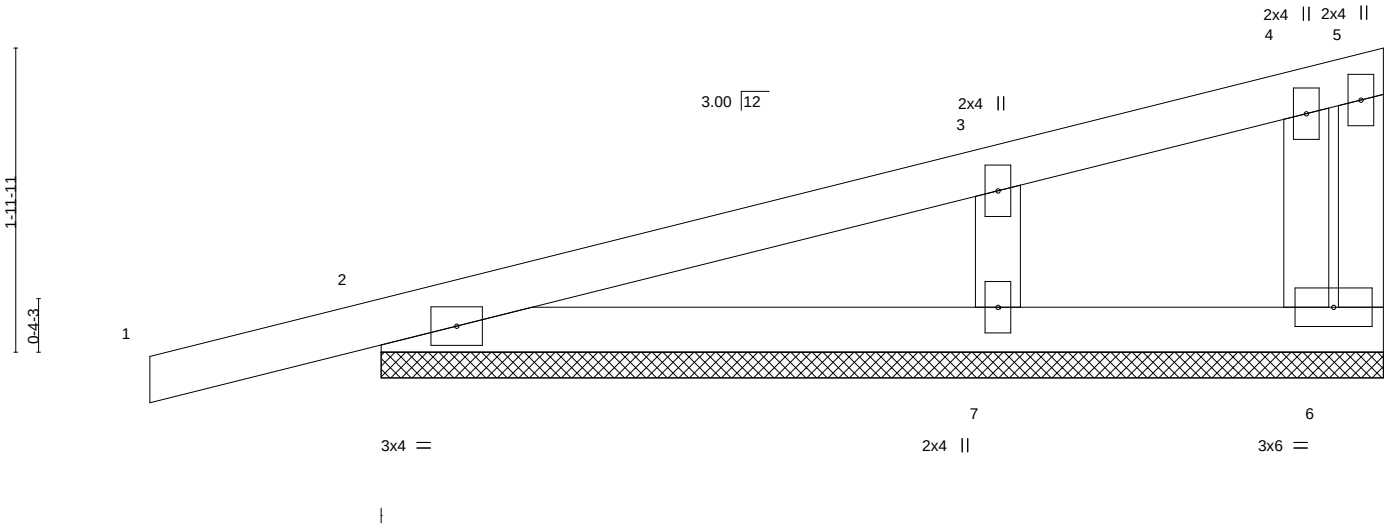
Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:13 2020 Page 1

ID:C12lwrkKuYd_tsOY6lkq9rz26kl-FpbVFtVOoSqKU0JpapQbkOb4JyinmJ_UAZ?dG9ya61O

-1-6-0 6-6-0

1-6-0 6-6-0

Scale = 1:14.9



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	0.14	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 27 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-

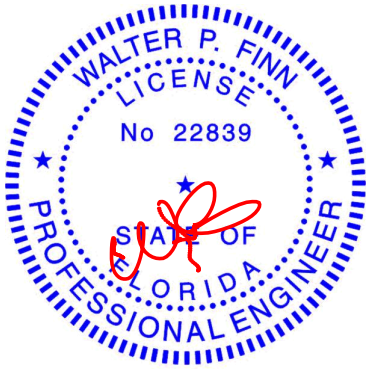
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=6-6-0, 6=6-6-0, 7=6-6-0
Max Horz 2=103(LC 8)
Max Uplift 2=-152(LC 8), 6=-36(LC 8), 7=-140(LC 12)
Max Grav 2=222(LC 1), 6=49(LC 1), 7=277(LC 1)

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

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 2=152, 7=140.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	EJ02	Jack-Closed	2	1	T21409757 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:14 2020 Page 1
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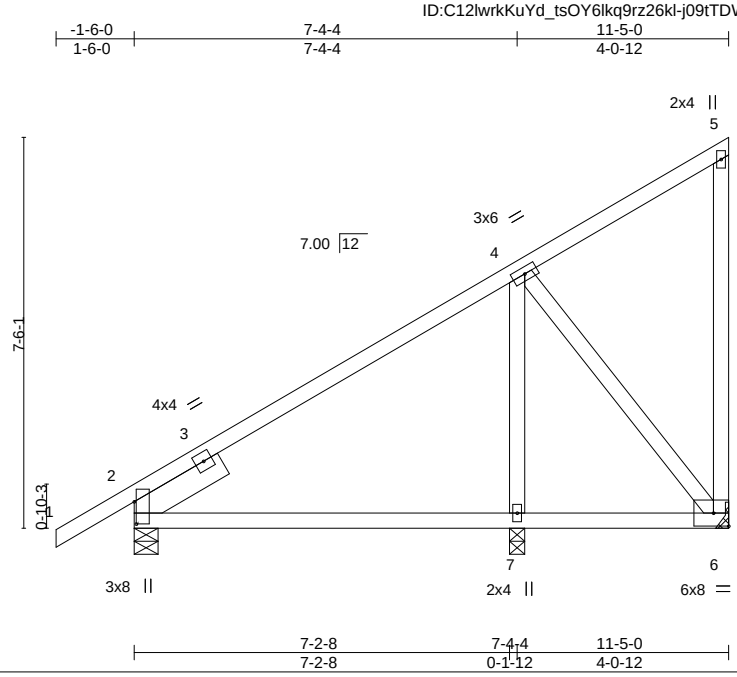


Plate Offsets (X,Y)-- [2:0-5-2,0-0-7]

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	0.44	Vert(LL)	0.09	7-10	>948	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.12	7-10	>713	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.03	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 70 lb	FT = 20%

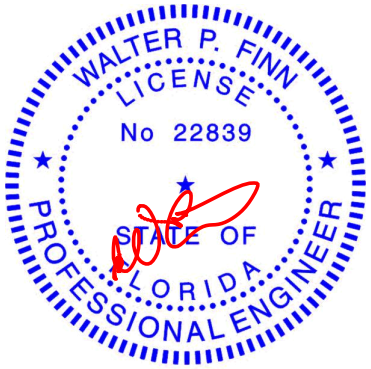
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-3-2 oc bracing.

REACTIONS. (size) 2=0-5-8, 6=Mechanical, 7=0-3-8
Max Horz 2=364(LC 12)
Max Uplift 2=-282(LC 12), 6=-568(LC 12), 7=-234(LC 19)
Max Grav 2=571(LC 19), 6=614(LC 19), 7=400(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-487/260
BOT CHORD 2-7=-429/601, 6-7=-429/601
WEBS 4-7=-403/636, 4-6=-954/681

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=282, 6=568, 7=234.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	EJ03	Monopitch	12	1	T21409758 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:15 2020 Page 1
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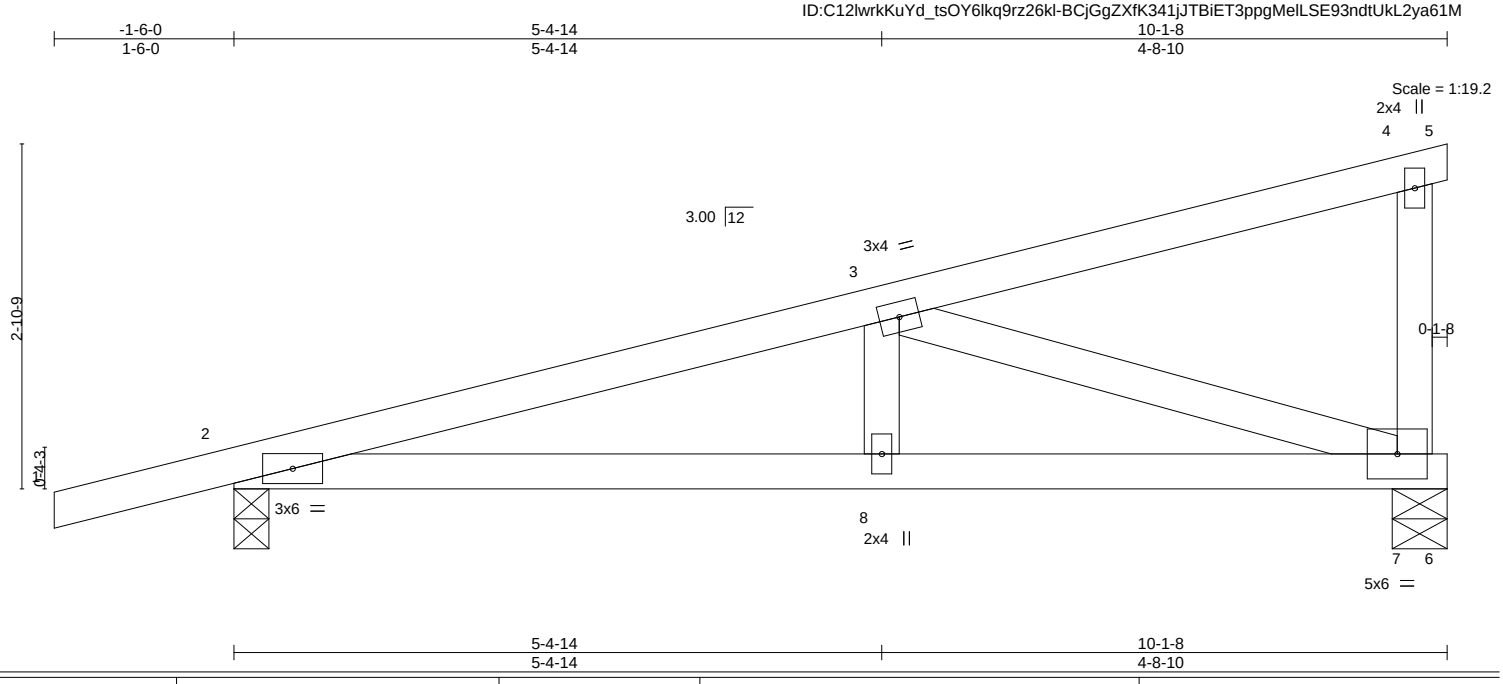


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.41	Vert(LL)	0.09	8-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	0.07	8-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	-0.01	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 44 lb	FT = 20%

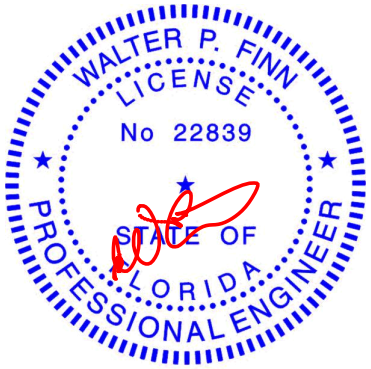
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 7=0-5-8
Max Horz 2=150(LC 8)
Max Uplift 2=-368(LC 8), 7=-308(LC 8)
Max Grav 2=452(LC 1), 7=368(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-759/1103
BOT CHORD 2-8=-1186/720, 7-8=-1186/720
WEBS 3-8=-322/210, 3-7=-726/1199

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right 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) 2=368, 7=308.



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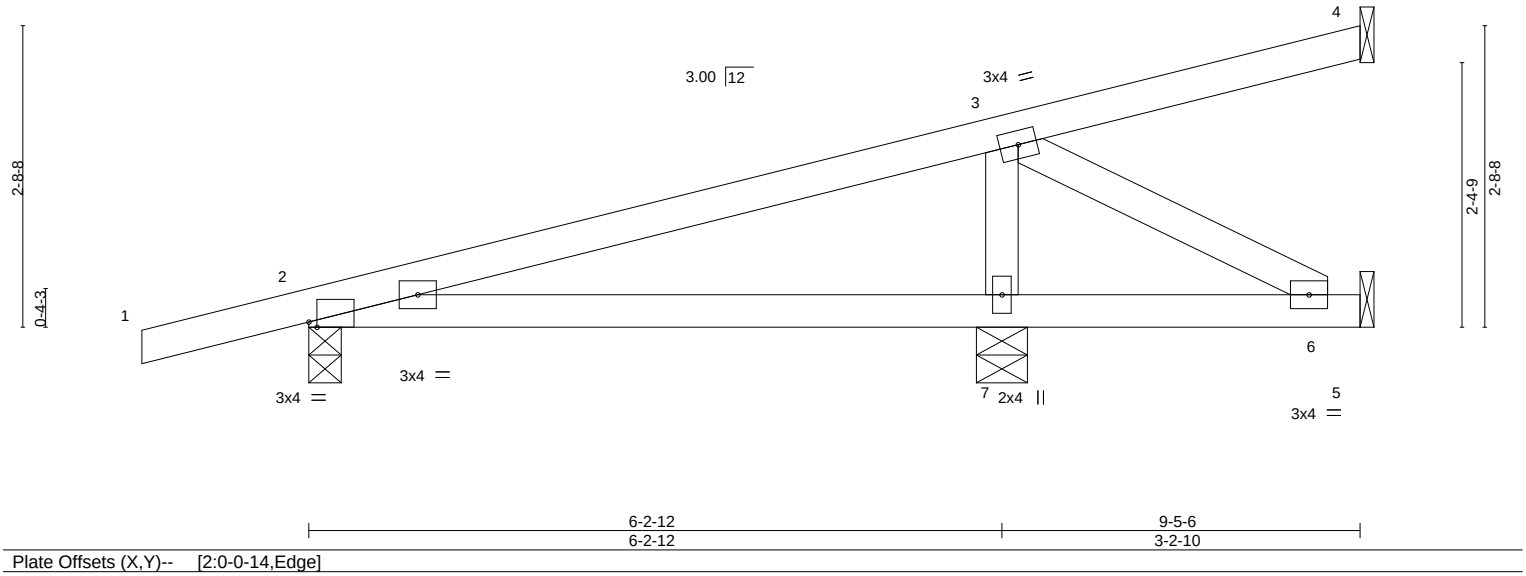
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	EJ04	Jack-Partial	7	1	T21409759
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:16 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-gOHeuvYH5NCuLT2OGx_IM0CX89f5zfCxsXDItUya61L

-1-6-0 / 1-6-0 | 6-2-12 / 6-2-12 | 9-5-6 / 3-2-10

Scale = 1:20.7



6-2-12 / 6-2-12 | 9-5-6 / 3-2-10

Plate Offsets (X,Y)-- [2:0-0-14,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	0.43	Vert(LL)	0.11	7-10	>656	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	0.10	7-10	>758	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.17	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 38 lb	FT = 20%

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

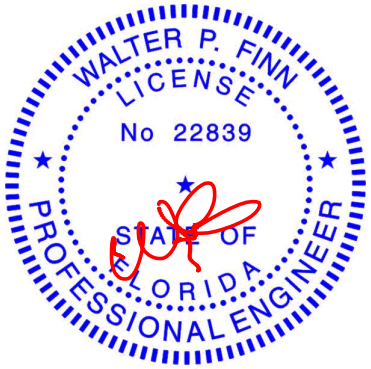
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings Mechanical except (jt=length) 2=0-3-8, 7=0-5-8.
(lb) - Max Horz 2=142(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 4, 5 except 2=-263(LC 8), 7=-439(LC 8)
Max Grav All reactions 250 lb or less at joint(s) 4, 5 except 2=309(LC 1), 7=624(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 2-7=-251/106, 6-7=-251/106
WEBS 3-7=-470/576, 3-6=-121/287

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch 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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5 except (jt=lb) 2=263, 7=439.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 250 lb down and 395 lb up at 6-2-12 on top 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: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 3=-250



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

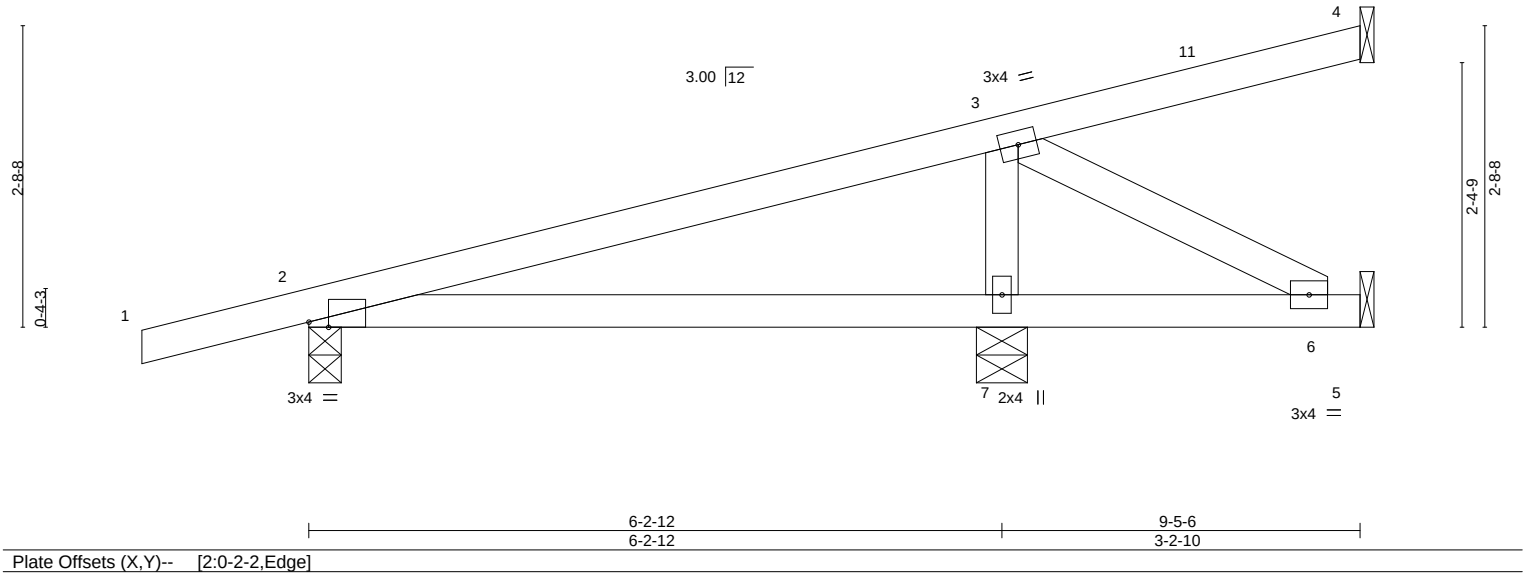
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	EJ04G	Jack-Partial	2	1	T21409760
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:18 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-cnPOJbZXd_ScanBmNM0mRRInczNTRZMEJriOyNya61J

-1-6-0 6-2-12 9-5-6
1-6-0 6-2-12 3-2-10

Scale = 1:20.7



6-2-12 9-5-6
6-2-12 3-2-10

Plate Offsets (X,Y)-- [2:0-2-2,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	0.81	Vert(LL)	0.05	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.07	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.13	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 38 lb	FT = 20%

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

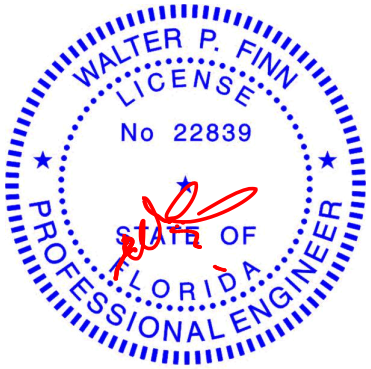
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings Mechanical except (jt=length) 2=0-3-8, 7=0-5-8.
(lb) - Max Horz 2=142(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 5 except 4=-131(LC 8), 2=-195(LC 27), 7=-338(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 5 except 4=285(LC 1), 2=292(LC 1), 7=771(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-631/436

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 4=131, 2=195, 7=338.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down and 69 lb up at 6-2-12, and 409 lb down and 227 lb up at 8-1-2 on top 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: 1-3=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 3=-100 11=-409
Trapezoidal Loads (plf)
Vert: 3=-129-to-4=-54



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	EJ05	Jack-Open	7	1	T21409761 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:18 2020 Page 1
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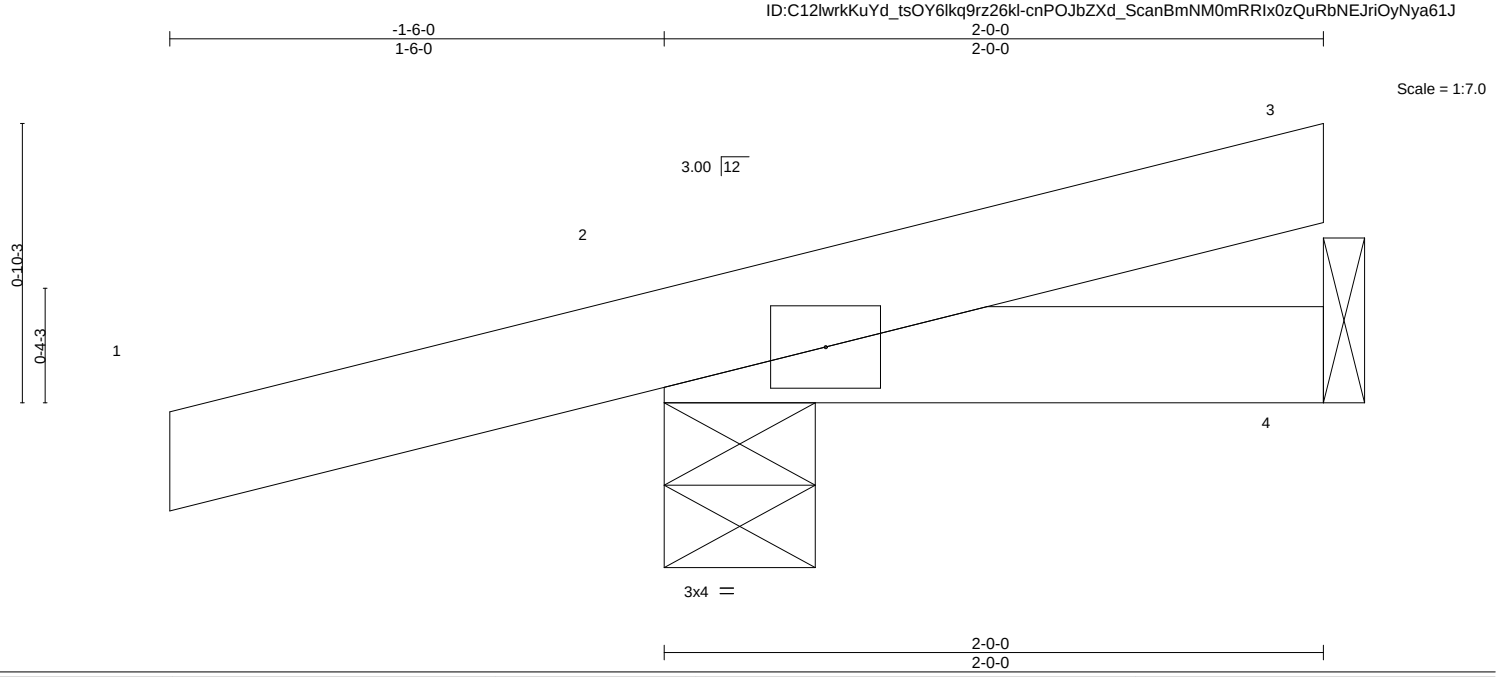


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 8 lb	FT = 20%

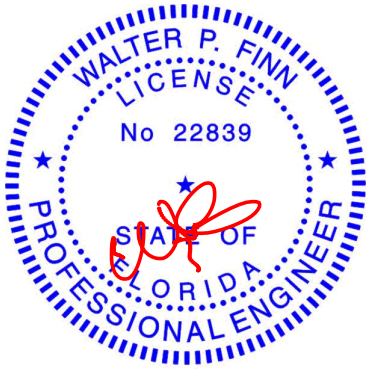
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 2=0-5-8, 4=Mechanical
Max Horz 2=48(LC 8)
Max Uplift 2=-151(LC 8), 4=-24(LC 9)
Max Grav 2=185(LC 1), 4=46(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=151.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
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MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	PB01	Piggyback	1	2	T21409762
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:19 2020 Page 1
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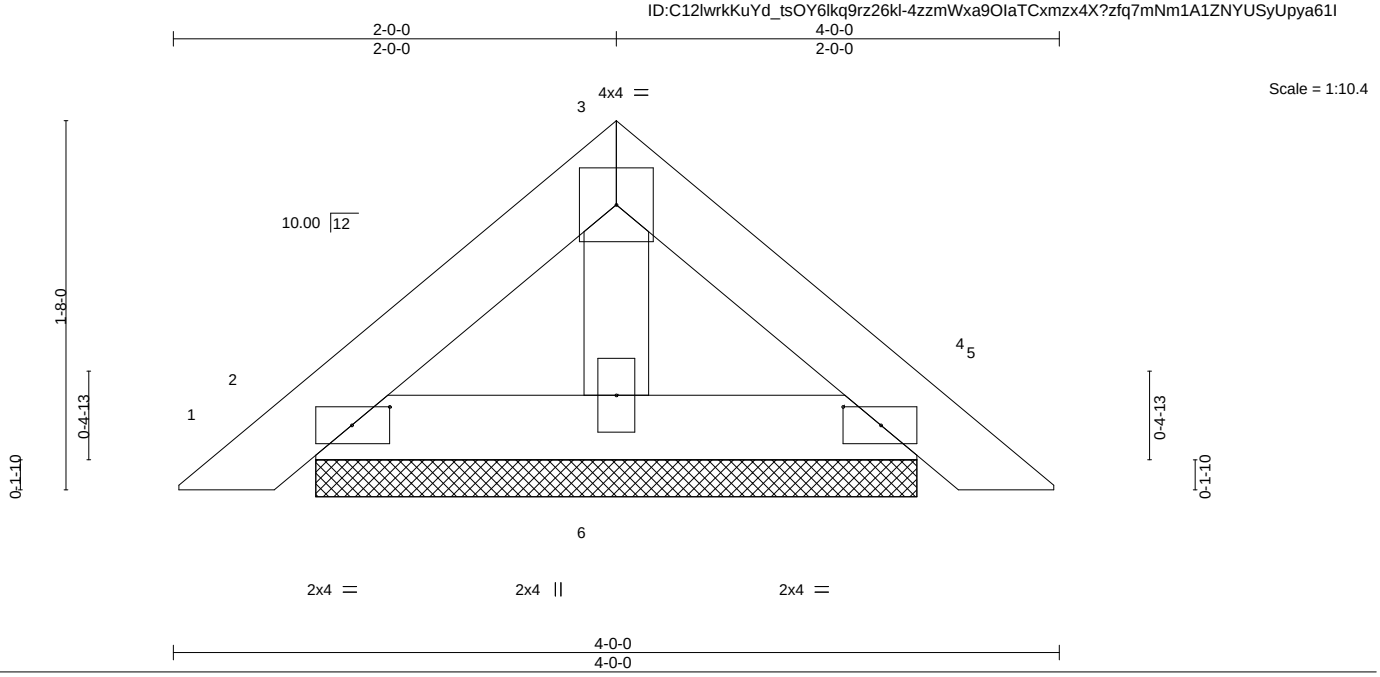


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

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	0.02	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 26 lb	FT = 20%

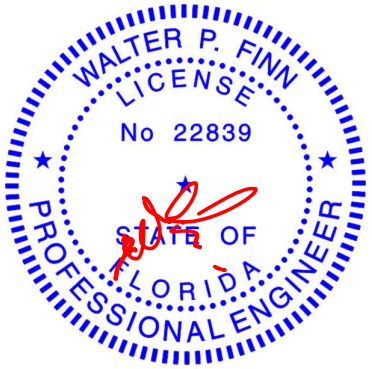
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=2-8-9, 4=2-8-9, 6=2-8-9
Max Horz 2=47(LC 11)
Max Uplift 2=-44(LC 12), 4=-50(LC 13), 6=-11(LC 12)
Max Grav 2=81(LC 1), 4=81(LC 1), 6=82(LC 1)

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

NOTES-
1) 2-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: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Gable requires continuous bottom chord bearing.
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) 2, 4, 6.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409763
2465502	PB01G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:20 2020 Page 1
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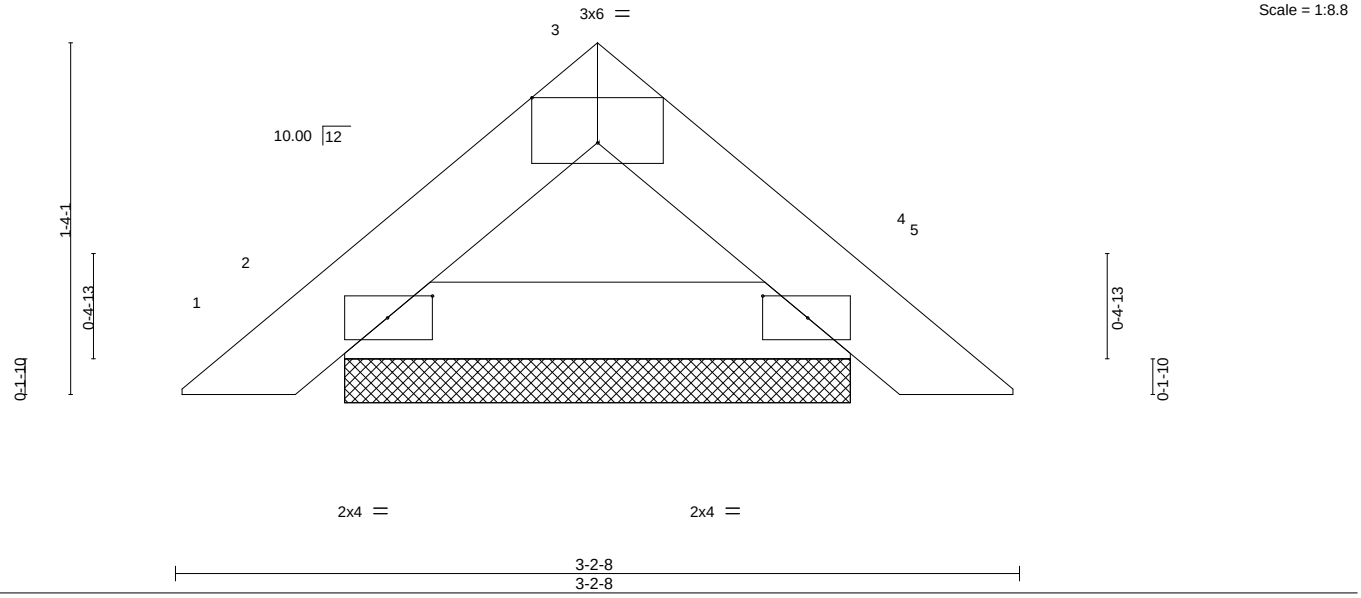


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [3:0-3-0,Edge], [4:0-2-1,0-1-0]

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	0.02	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 9 lb	FT = 20%

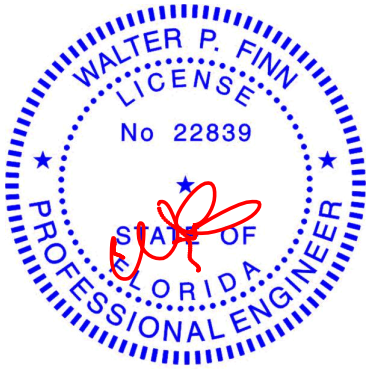
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=1-11-1, 4=1-11-1
Max Horz 2=-36(LC 10)
Max Uplift 2=-40(LC 12), 4=-40(LC 13)
Max Grav 2=93(LC 1), 4=93(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	PB02	Piggyback	11	1	T21409764 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:20 2020 Page 1
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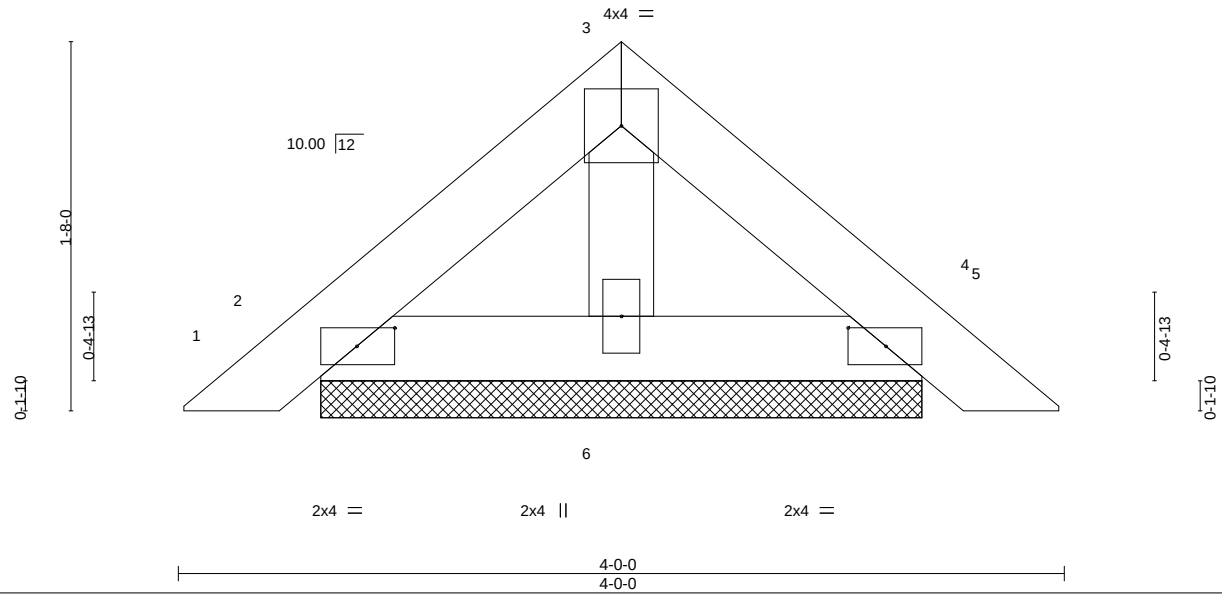


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

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	0.04	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.02	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 13 lb	FT = 20%

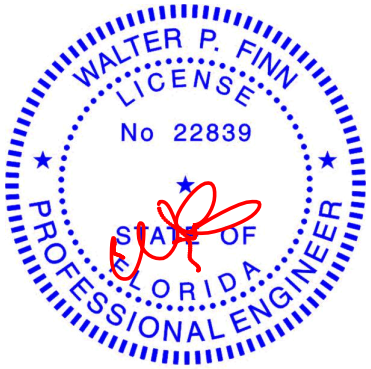
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=2-8-9, 4=2-8-9, 6=2-8-9
Max Horz 2=47(LC 11)
Max Uplift 2=-44(LC 12), 4=-50(LC 13), 6=-11(LC 12)
Max Grav 2=81(LC 1), 4=81(LC 1), 6=82(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, 4, 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	PB03	Piggyback	17	1	T21409765 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:21 2020 Page 1
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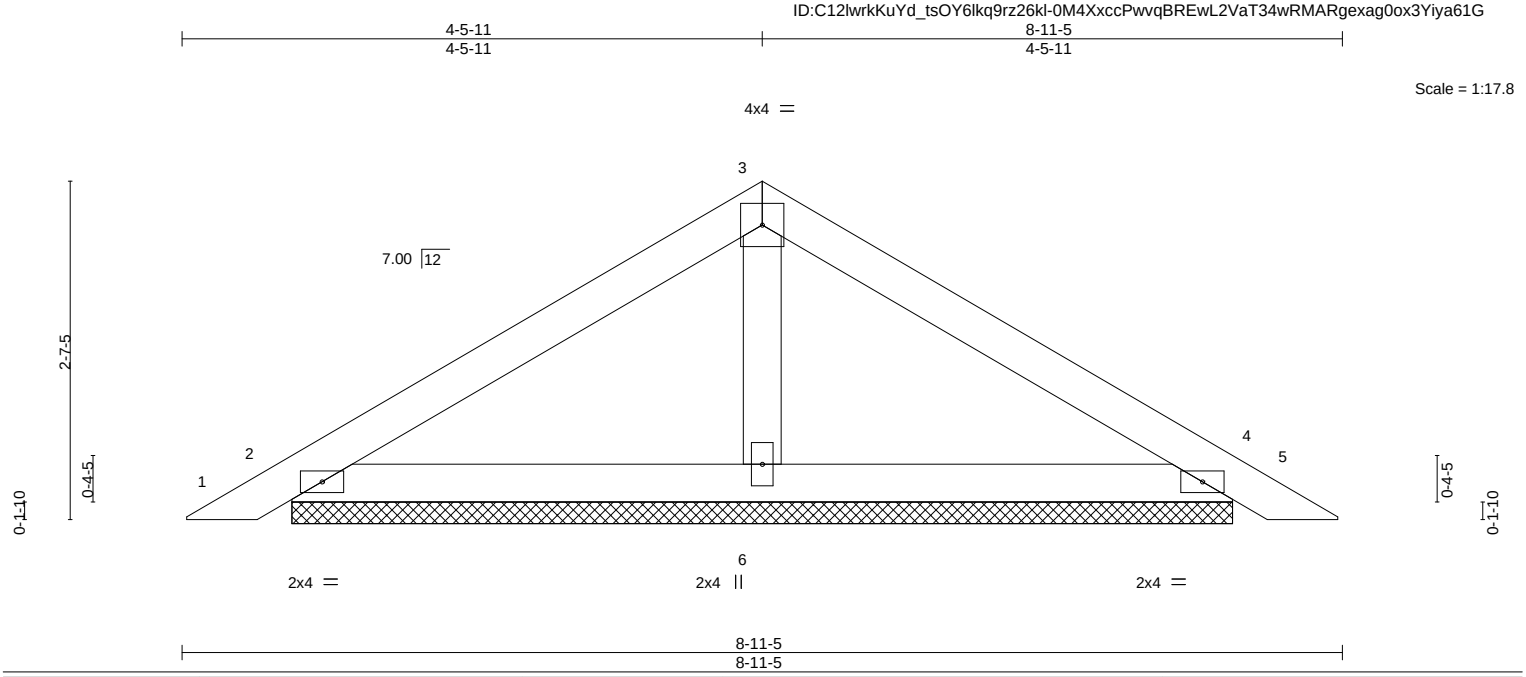


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	0.01	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 29 lb	FT = 20%

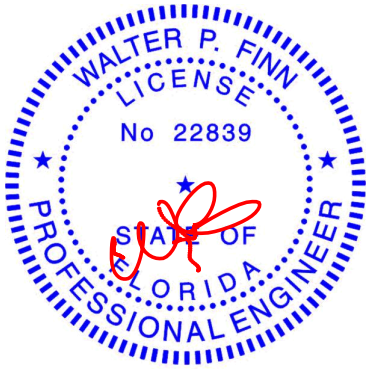
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 2=7-3-0, 4=7-3-0, 6=7-3-0
Max Horz 2=77(LC 11)
Max Uplift 2=-81(LC 12), 4=-91(LC 13), 6=-79(LC 12)
Max Grav 2=158(LC 1), 4=161(LC 20), 6=279(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, 4, 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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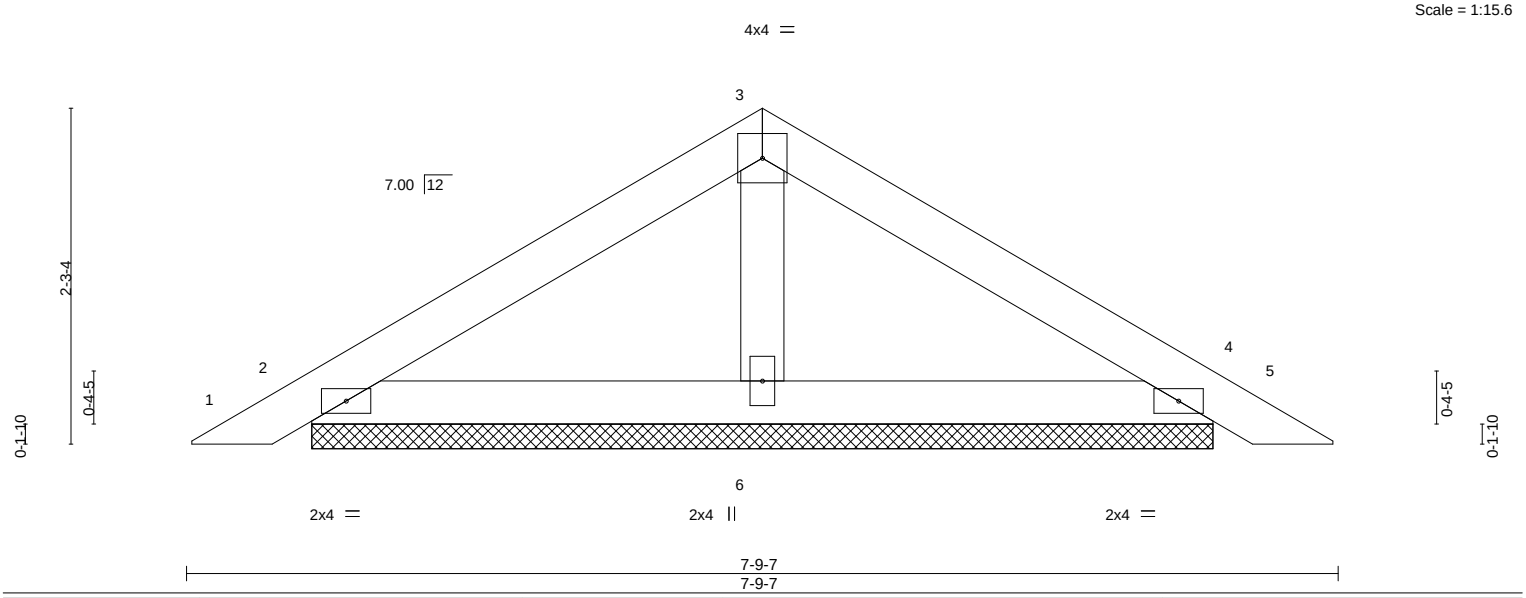
Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	PB03G	GABLE	2	1	T21409766
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:21 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-0M4XxccPwvqBREwL2VaT34wRBARBexig0ox3Yiya61G

3-10-12 7-9-7
3-10-12 3-10-11

Scale = 1:15.6



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	0.15	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	0.01	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 25 lb	FT = 20%

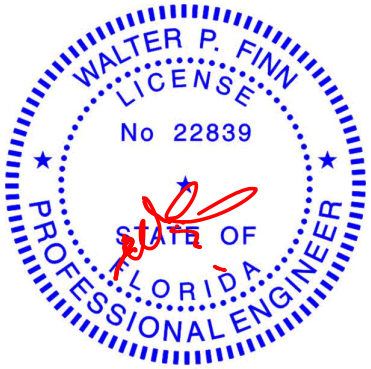
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 2=6-1-2, 4=6-1-2, 6=6-1-2
Max Horz 2=-67(LC 10)
Max Uplift 2=-82(LC 12), 4=-91(LC 13), 6=-46(LC 12)
Max Grav 2=149(LC 1), 4=149(LC 20), 6=212(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	PB04	Piggyback	8	1	T21409767 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:22 2020 Page 1
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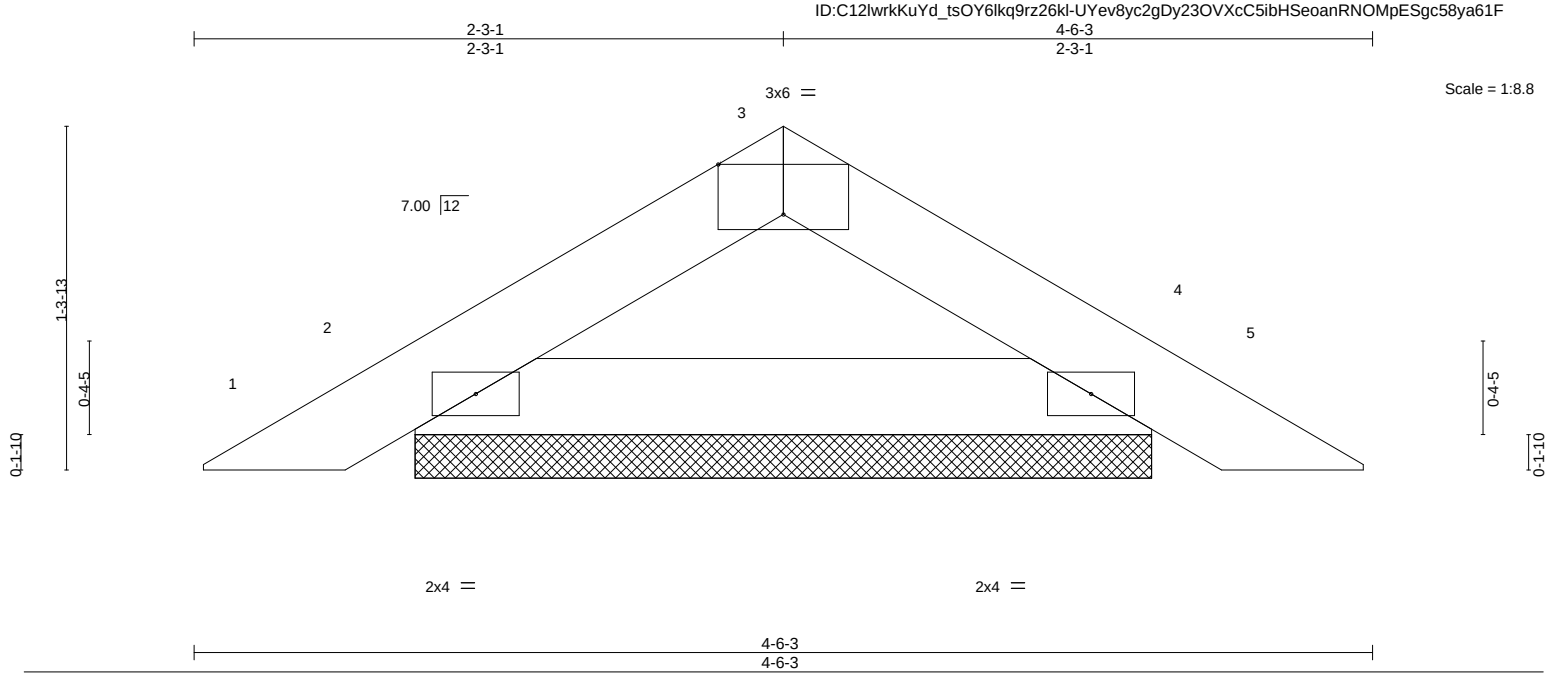


Plate Offsets (X,Y)-- [3:0-3-0,Edge]

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	0.03	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 12 lb	FT = 20%

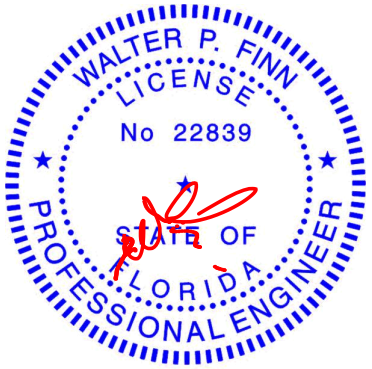
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=2-9-14, 4=2-9-14
Max Horz 2=-36(LC 10)
Max Uplift 2=-59(LC 12), 4=-59(LC 13)
Max Grav 2=134(LC 1), 4=134(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, 4.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	PB04G	PIGGYBACK	1	1	T21409768
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:23 2020 Page 1
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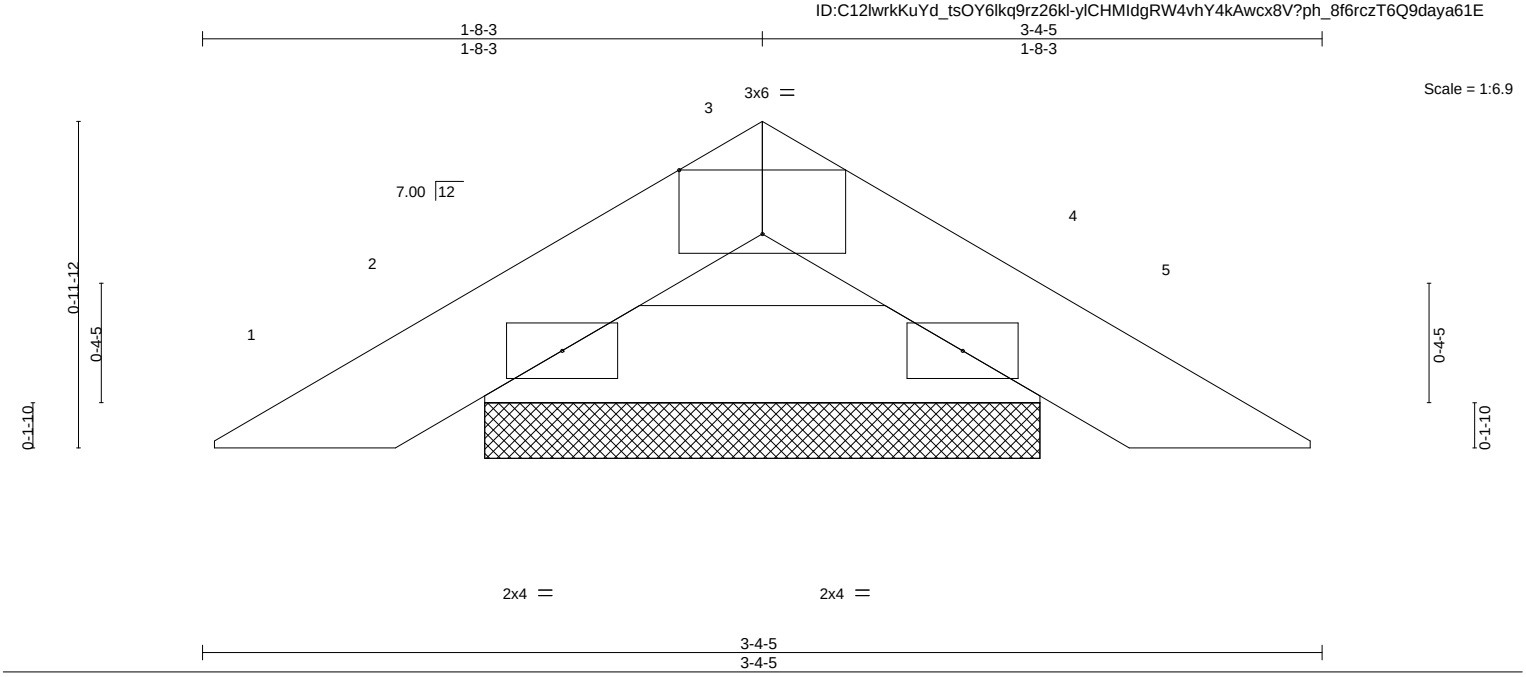


Plate Offsets (X,Y)-- [3:0-3-0,Edge]

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	0.02	Vert(LL)	-0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 8 lb	FT = 20%

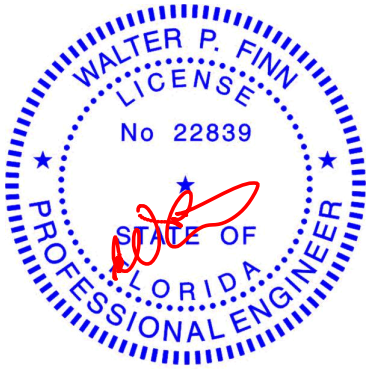
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=1-8-0, 4=1-8-0
Max Horz 2=-25(LC 10)
Max Uplift 2=-44(LC 12), 4=-44(LC 13)
Max Grav 2=91(LC 1), 4=91(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, 4.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409769
2465502	T01	Attic	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:24 2020 Page 1
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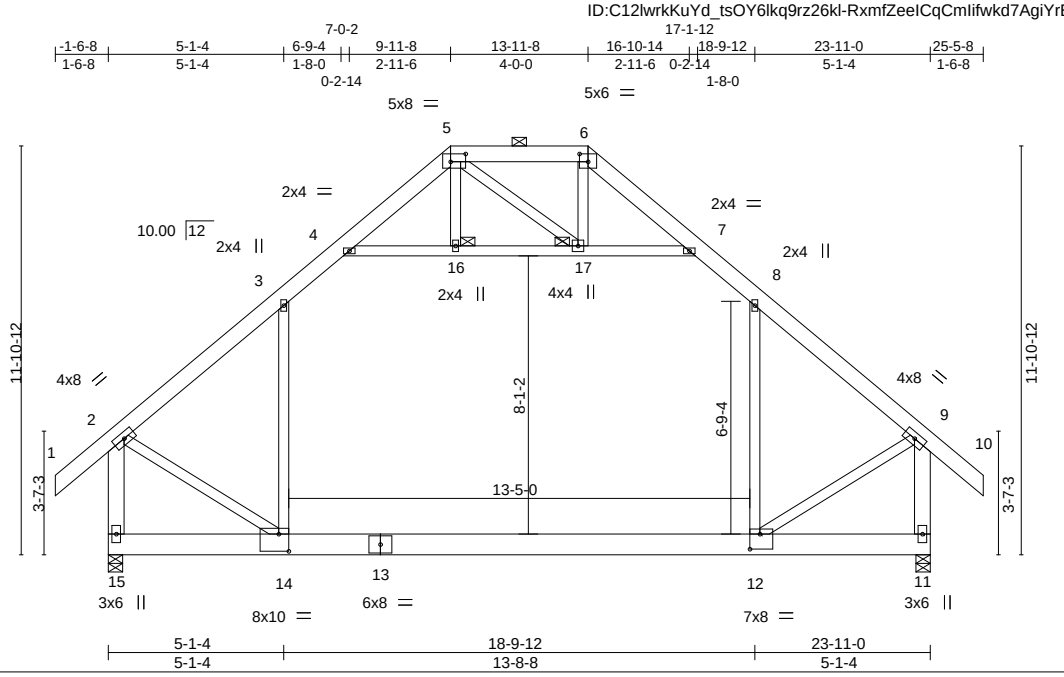


Plate Offsets (X,Y)-- [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [12:0-3-8,0-5-4], [14:0-3-8,0-6-0]

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	0.61	Vert(LL)	-0.31	12-14	>913	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.47	12-14	>597	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.26	12-14	631	360	Weight: 232 lb	FT = 20%

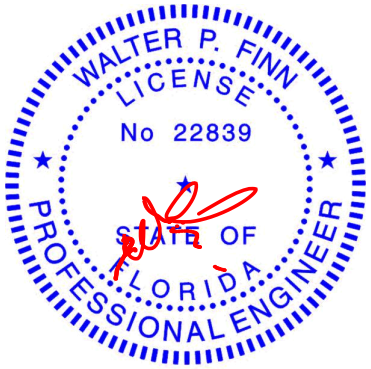
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
2-15,9-11: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-4 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 16, 17

REACTIONS. (size) 15=0-5-0, 11=0-5-0
Max Horz 15=456(LC 11)
Max Uplift 15=-146(LC 12), 11=-146(LC 13)
Max Grav 15=1518(LC 2), 11=1518(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1448/182, 3-4=-982/329, 4-5=-381/196, 6-7=-378/194, 7-8=-982/329, 8-9=-1447/182, 2-15=-1764/292, 9-11=-1764/291
BOT CHORD 14-15=-449/456, 12-14=-60/1091
WEBS 3-14=-40/670, 4-16=-977/208, 16-17=-975/209, 7-17=-982/210, 8-12=-40/669, 2-14=-87/1278, 9-12=-88/1280

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-16, 16-17, 7-17; Wall dead load (5.0psf) on member(s).3-14, 8-12
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=146, 11=146.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) NOTE: DUE TO THE OVERALL LENGTH TO DEPTH RATIO OF THE ROOM, THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND OR BOUNCE. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN THESE EFFECTS. TRUSS DESIGN SHALL BE REVIEWED AND APPROVED PRIOR TO MANUFACTURING.
11) Attic room checked for L/360 deflection.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T01G	GABLE	1	1	T21409770

Job Reference (optional)

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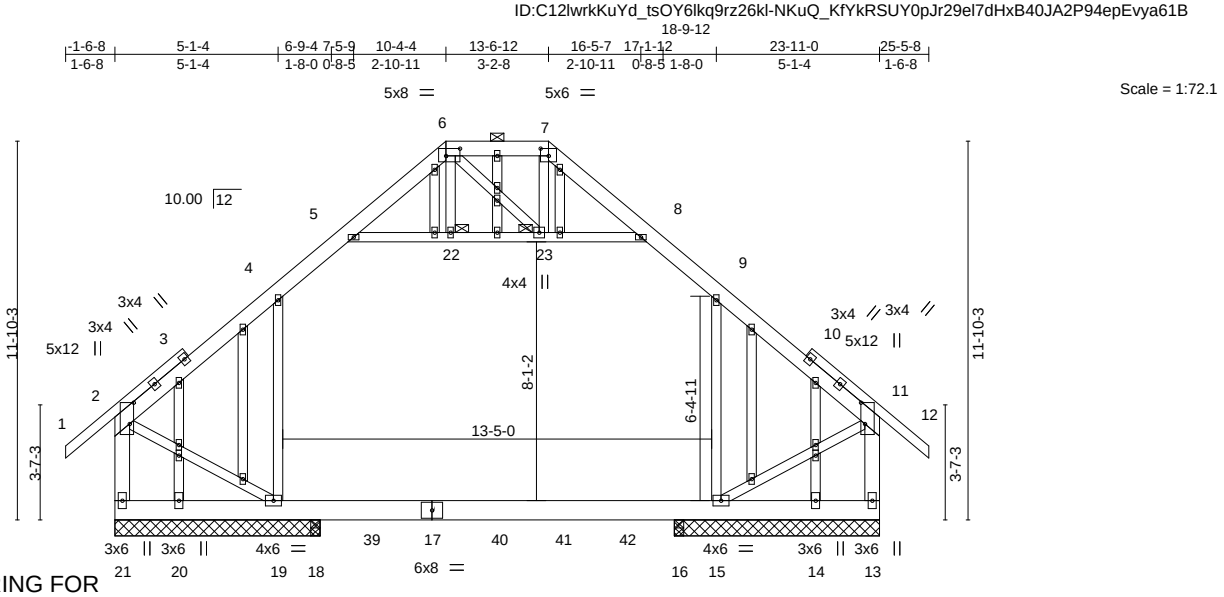


FASTEN TRUSS TO BEARING FOR THE UPLIFT REACTION SHOWN WHILE PERMITTING NO UPWARD MOVEMENT OF THE BEARING.

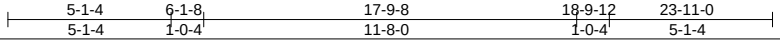


Plate Offsets (X,Y)-- [2:0-8-0,0-1-8], [6:0-5-4,0-2-12], [7:0-3-0,0-2-12], [11:0-8-0,0-1-8]

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	0.21	Vert(LL)	-0.08	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.12	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.15	Horz(CT)	-0.00	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.08	16-18	1706	360	Weight: 267 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* 1-3,10-12: 2x4 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* 2-21,11-13: 2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 22, 23

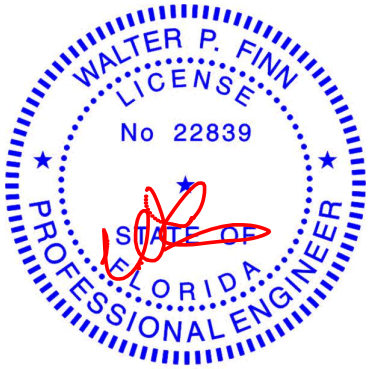
REACTIONS. All bearings 6-5-0 except (jt=length) 18=0-3-8, 16=0-3-8.
(lb) - Max Horz 21=-442(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) except 21=-196(LC 24), 19=-1138(LC 36), 15=-1137(LC 37), 13=-183(LC 25)
Max Grav All reactions 250 lb or less at joint(s) 14, 20 except 21=720(LC 1), 19=278(LC 4), 15=270(LC 5), 13=720(LC 1), 18=1992(LC 14), 16=1992(LC 14)

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

TOP CHORD	2-4=-527/180, 4-5=-551/208, 5-6=-384/103, 6-7=-269/139, 7-8=-383/102, 8-9=-551/208, 9-11=-526/170, 2-21=-708/178, 11-13=-708/169
BOT CHORD	20-21=-407/388, 19-20=-407/388, 18-19=-168/398, 16-18=-168/398, 15-16=-168/398
WEBS	4-19=-435/317, 9-15=-430/317, 2-19=-162/429, 11-15=-158/426

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; 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) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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) Ceiling dead load (5.0 psf) on member(s). 4-5, 8-9, 5-22, 22-23, 8-23; Wall dead load (5.0psf) on member(s).4-19, 9-15
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 18-19, 16-18, 15-16
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 196 lb uplift at joint 21, 1138 lb uplift at joint 19, 1137 lb uplift at joint 15 and 183 lb uplift at joint 13.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 25,2020

Continued on page 2

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Tampa, FL 36610

NOTES-

14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 26 lb down and 34 lb up at 6-0-4, 26 lb down and 34 lb up at 8-0-4, 26 lb down and 34 lb up at 10-0-4, 26 lb down and 34 lb up at 12-0-4, 26 lb down and 34 lb up at 14-0-4, and 26 lb down and 34 lb up at 16-0-4, and 26 lb down and 34 lb up at 17-10-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
15) Attic room checked for L/360 deflection.
16) 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: 1-2=-54, 2-4=-54, 4-5=-64, 5-6=-54, 6-7=-54, 7-8=-54, 8-9=-64, 9-11=-54, 11-12=-54, 19-21=-20, 15-19=-40, 13-15=-20, 5-8=-10
   Drag: 4-19=-10, 9-15=-10
   Concentrated Loads (lb)
   Vert: 17=-24(F) 18=-24(F) 16=-24(F) 39=-24(F) 40=-24(F) 41=-24(F) 42=-24(F)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T02	ATTIC GIRDER	2	3	T21409771
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:29 2020 Page 1
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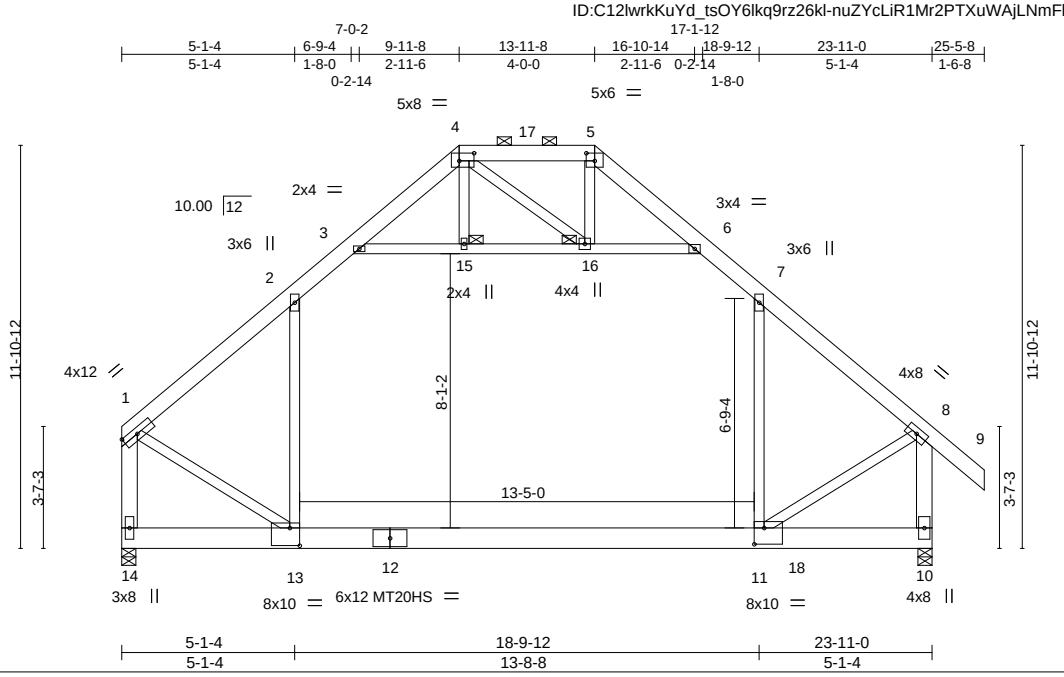


Plate Offsets (X,Y)-- [4:0-5-4,0-2-12], [5:0-3-0,0-2-12], [11:0-3-8,0-5-12], [13:0-3-8,0-6-4]

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	0.44	Vert(LL)	-0.41	11-13	>690	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.58	11-13	>483	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.67	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.34	11-13	477	360	Weight: 683 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP M 26 *Except* 4-5: 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except* 1-14,8-10: 2x6 SP No.2

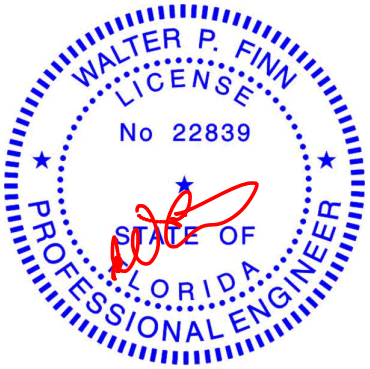
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 15, 16

REACTIONS. (size) 14=0-5-0, 10=0-5-0
Max Horz 14=-440(LC 24)
Max Uplift 14=-1970(LC 8), 10=-1901(LC 9)
Max Grav 14=7923(LC 34), 10=5927(LC 34)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-6704/1774, 2-3=-4061/1372, 3-4=-1224/829, 4-5=-742/1174, 5-6=-1210/852, 6-7=-4076/1328, 7-8=-6405/1771, 1-14=-7841/2062, 8-10=-7545/2005
BOT CHORD 13-14=-467/603, 11-13=-1231/4706
WEBS 2-13=-657/3185, 3-15=-4567/1122, 15-16=-4562/1123, 6-16=-4880/1113, 7-11=-825/3416, 1-13=-1460/5114, 8-11=-1421/5616, 5-16=-159/346, 4-16=-443/290

NOTES-
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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) Ceiling dead load (5.0 psf) on member(s). 2-3, 6-7, 3-15, 15-16, 6-16; Wall dead load (5.0psf) on member(s).2-13, 7-11
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1970 lb uplift at joint 14 and 1901 lb uplift at joint 10.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1305 lb down and 695 lb up at 11-11-8 on top chord, and 829 lb down and 802 lb up at 19-1-7 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

14) NOTE: DUE TO THE OVERALL LENGTH TO DEPTH RATIO OF THE ROOM, THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND OR BOUNCE. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN THESE EFFECTS. TRUSS DESIGN SHALL BE REVIEWED AND APPROVED PRIOR TO MANUFACTURING.
15) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 3-4=-54, 4-5=-54, 5-6=-54, 6-7=-64, 7-8=-54, 8-9=-54, 13-14=-235(B=-215), 11-13=-255(B=-215), 10-11=-20, 3-6=-10
   Drag: 2-13=-10, 7-11=-10
   Concentrated Loads (lb)
   Vert: 17=-1305 18=-805(B)
   Trapezoidal Loads (plf)
   Vert: 1=-179-to-2=-123, 2=-133-to-3=-115

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409772
2465502	T03	Attic	8	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:31 2020 Page 1
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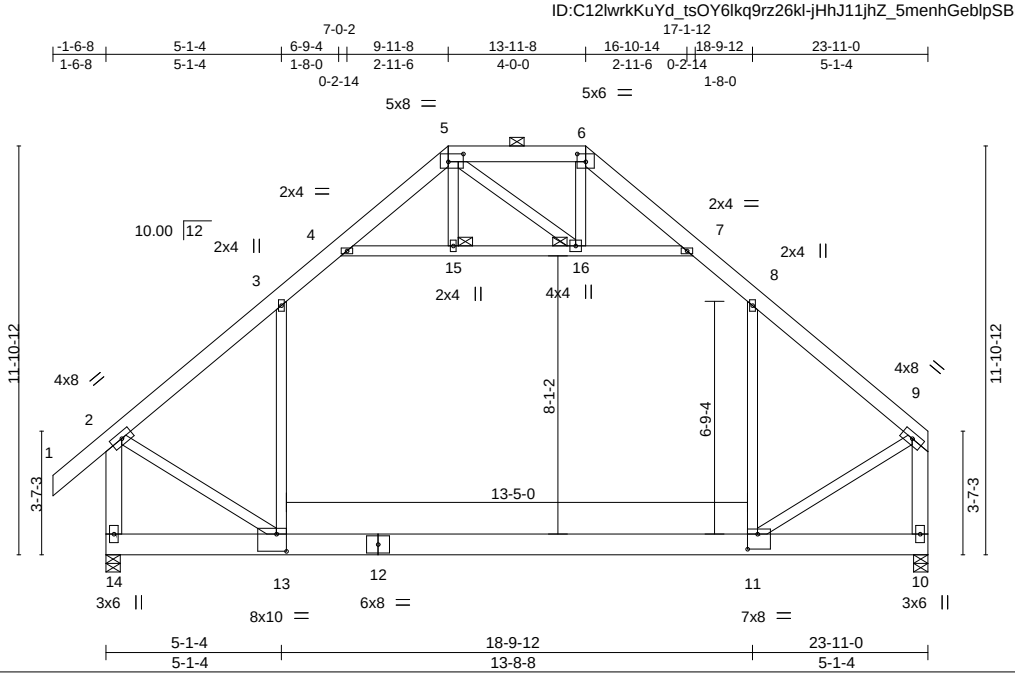


Plate Offsets (X,Y)-- [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [11:0-3-8,0-5-4], [13:0-3-8,0-6-0]

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	0.61	Vert(LL)	-0.31	11-13	>912	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.47	11-13	>595	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.26	11-13	631	360	Weight: 228 lb	FT = 20%

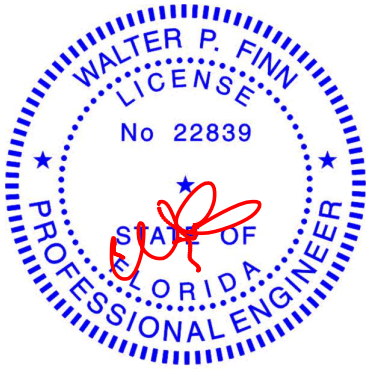
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
2-14,9-10: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 15, 16

REACTIONS. (size) 14=0-5-0, 10=0-5-0
Max Horz 14=-387(LC 10)
Max Uplift 14=-138(LC 12), 10=-86(LC 13)
Max Grav 14=1521(LC 2), 10=1437(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1443/181, 3-4=-986/324, 4-5=-378/197, 6-7=-375/195, 7-8=-986/329, 8-9=-1455/161, 2-14=-1759/264, 9-10=-1701/180
BOT CHORD 13-14=-368/386, 11-13=-31/1049
WEBS 3-13=-38/672, 4-15=-974/203, 15-16=-971/204, 7-16=-995/213, 8-11=-53/658, 2-13=-72/1273, 9-11=-62/1254

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-15, 15-16, 7-16; Wall dead load (5.0psf) on member(s).3-13, 8-11
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 138 lb uplift at joint 14 and 86 lb uplift at joint 10.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) NOTE: DUE TO THE OVERALL LENGTH TO DEPTH RATIO OF THE ROOM, THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND OR BOUNCE. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN THESE EFFECTS. TRUSS DESIGN SHALL BE REVIEWED AND APPROVED PRIOR TO MANUFACTURING.
11) Attic room checked for L/360 deflection.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T04	ATTIC	1	2	T21409773

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:32 2020 Page 1

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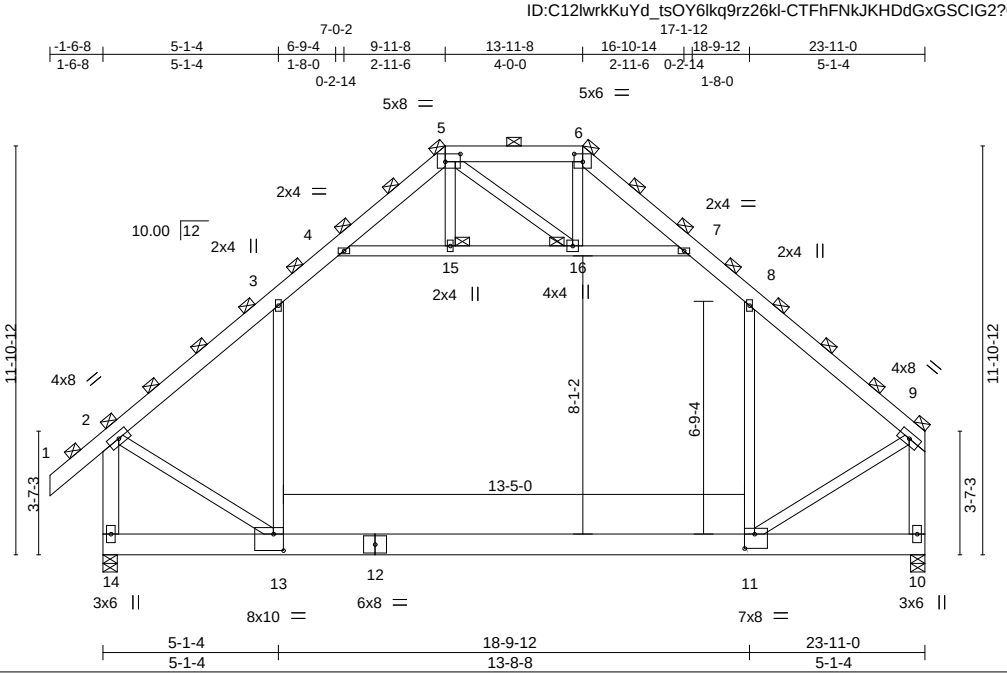


Plate Offsets (X,Y)-- [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [11:0-3-8,0-5-0], [13:0-3-8,0-5-12]

LOADING (psf)		SPACING-	3-6-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.27	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.41	11-13	>680	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.44	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.23	11-13	721	360	Weight: 455 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
2-14,9-10: 2x6 SP No.2

BRACING-

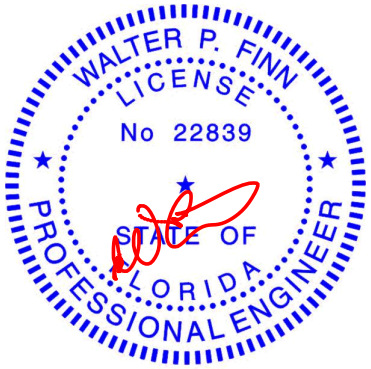
TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals (Switched from sheeted: Spacing > 2-8-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 5, 6, 9, 2, 15, 16

REACTIONS. (size) 14=0-5-0, 10=0-5-0
Max Horz 14=-677(LC 10)
Max Uplift 14=-241(LC 12), 10=-150(LC 13)
Max Grav 14=2662(LC 2), 10=2515(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2526/316, 3-4=-1725/567, 4-5=-662/345, 5-6=-377/350, 6-7=-657/341, 7-8=-1726/576, 8-9=-2547/282, 2-14=-3078/463, 9-10=-2977/315
BOT CHORD 13-14=-643/676, 11-13=-54/1836
WEBS 3-13=-67/1177, 4-15=-1705/356, 15-16=-1700/358, 7-16=-1742/373, 8-11=-92/1152, 2-13=-125/2228, 9-11=-108/2194

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
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) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-15, 15-16, 7-16; Wall dead load (5.0psf) on member(s).3-13, 8-11
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 241 lb uplift at joint 14 and 150 lb uplift at joint 10.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) NOTE: DUE TO THE OVERALL LENGTH TO DEPTH RATIO OF THE ROOM, THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND OR BOUNCE. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN THESE EFFECTS. TRUSS DESIGN SHALL BE REVIEWED AND APPROVED PRIOR TO MANUFACTURING.
13) Attic room checked for L/360 deflection.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T05	Jack-Open	4	1	T21409774
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:34 2020 Page 1
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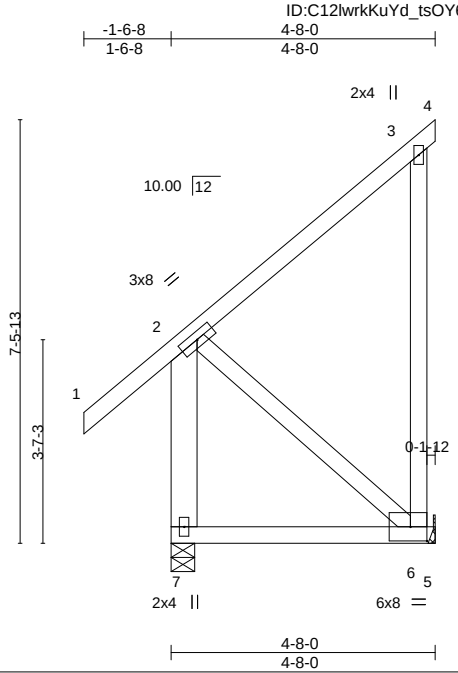


Plate Offsets (X,Y)-- [6:0-3-8,0-3-0]

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	0.44	Vert(LL)	-0.02	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	-0.04	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 44 lb	FT = 20%

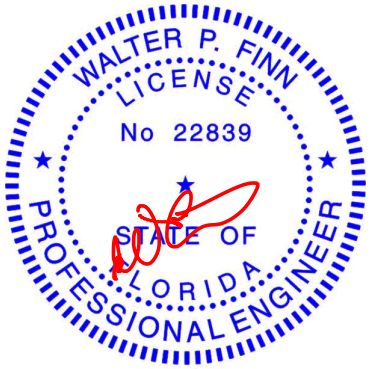
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
2-7: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-10-1 oc bracing.

REACTIONS. (size) 7=0-5-0, 6=Mechanical
Max Horz 7=225(LC 9)
Max Uplift 7=-9(LC 8), 6=-318(LC 12)
Max Grav 7=269(LC 1), 6=260(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 6-7=-360/291
WEBS 2-6=-379/468

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 9 lb uplift at joint 7 and 318 lb uplift at joint 6.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T06	Monopitch	1	1	T21409775
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:35 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-c2wptPmBdCbC7O?1tRqld1Vmsp8XwFGkE_Ko2uya612

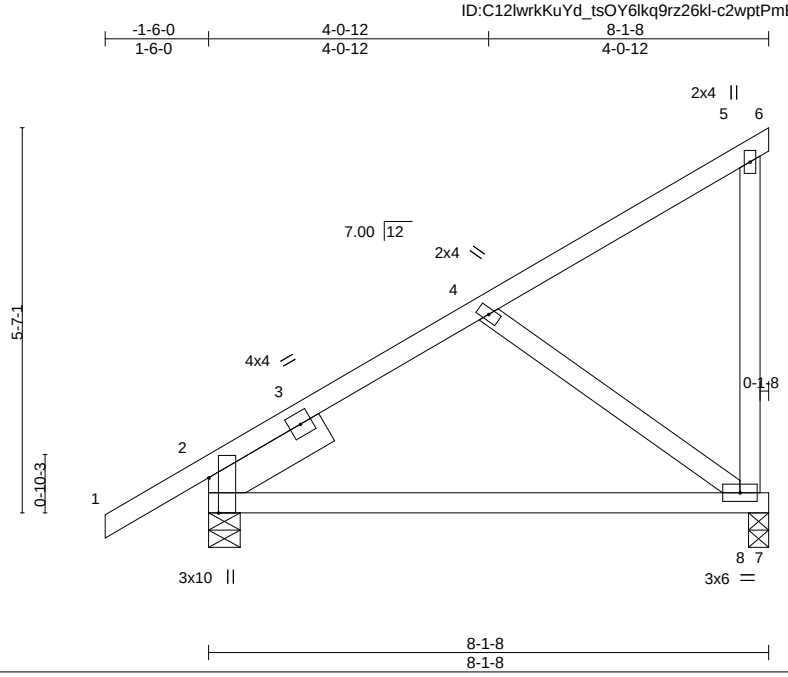


Plate Offsets (X,Y)-- [2:0-6-2,Edge]

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	0.39	Vert(LL)	-0.08	8-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.15	8-11	>609	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 47 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

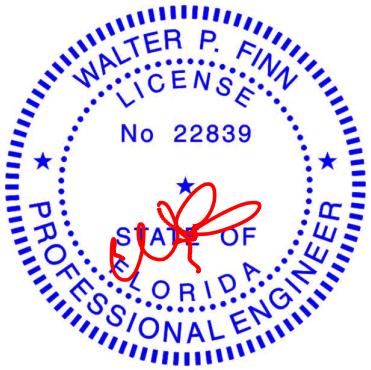
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 8=0-3-8
Max Horz 2=272(LC 12)
Max Uplift 2=-108(LC 12), 8=-229(LC 12)
Max Grav 2=379(LC 1), 8=331(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-564/32
BOT CHORD 2-8=-205/289
WEBS 4-8=-336/249

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 108 lb uplift at joint 2 and 229 lb uplift at joint 8.



Walter P. Finn PE No.22839
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6904 Parke East Blvd. Tampa FL 33610
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T06G	Jack-Partial Supported Gable	1	1	T21409776 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:36 2020 Page 1
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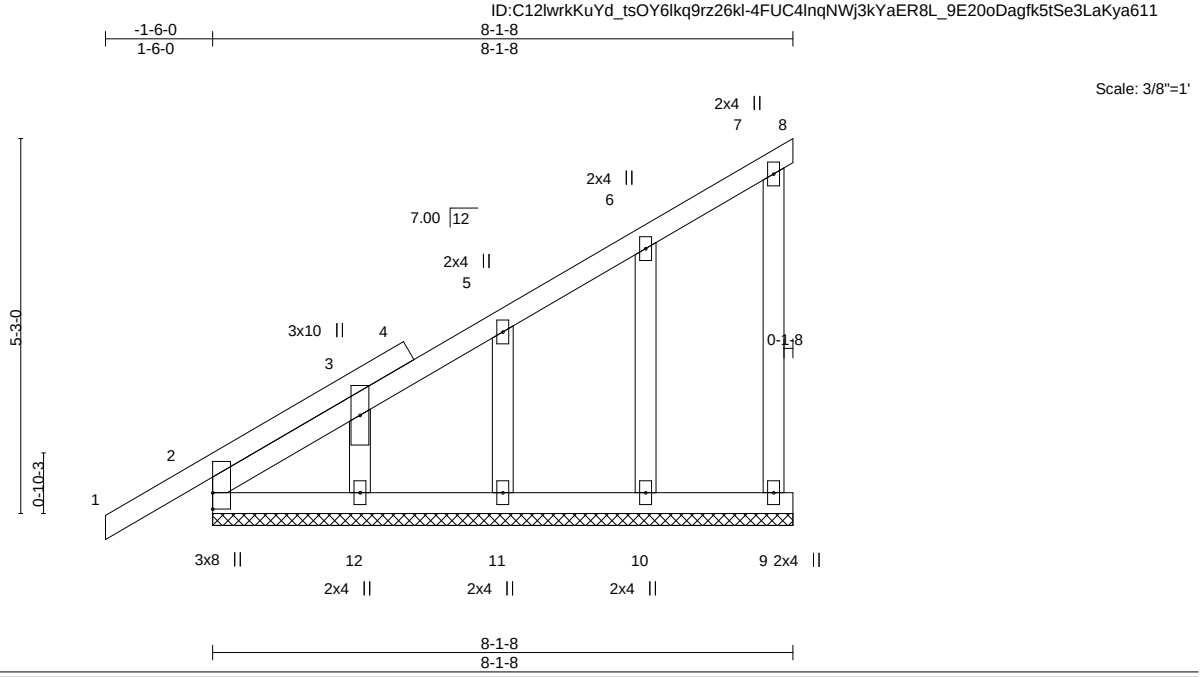


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	-0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 51 lb	FT = 20%

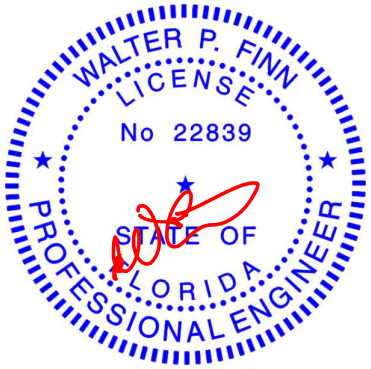
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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 8-1-8.
(lb) - Max Horz 2=260(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 9, 11 except 12=-138(LC 12), 10=-108(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 9, 11, 12, 10

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-266/238

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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) 8 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) 2, 8, 9, 11 except (jt=lb) 12=138, 10=108.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T07	Common	2	1	T21409777 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:37 2020 Page 1
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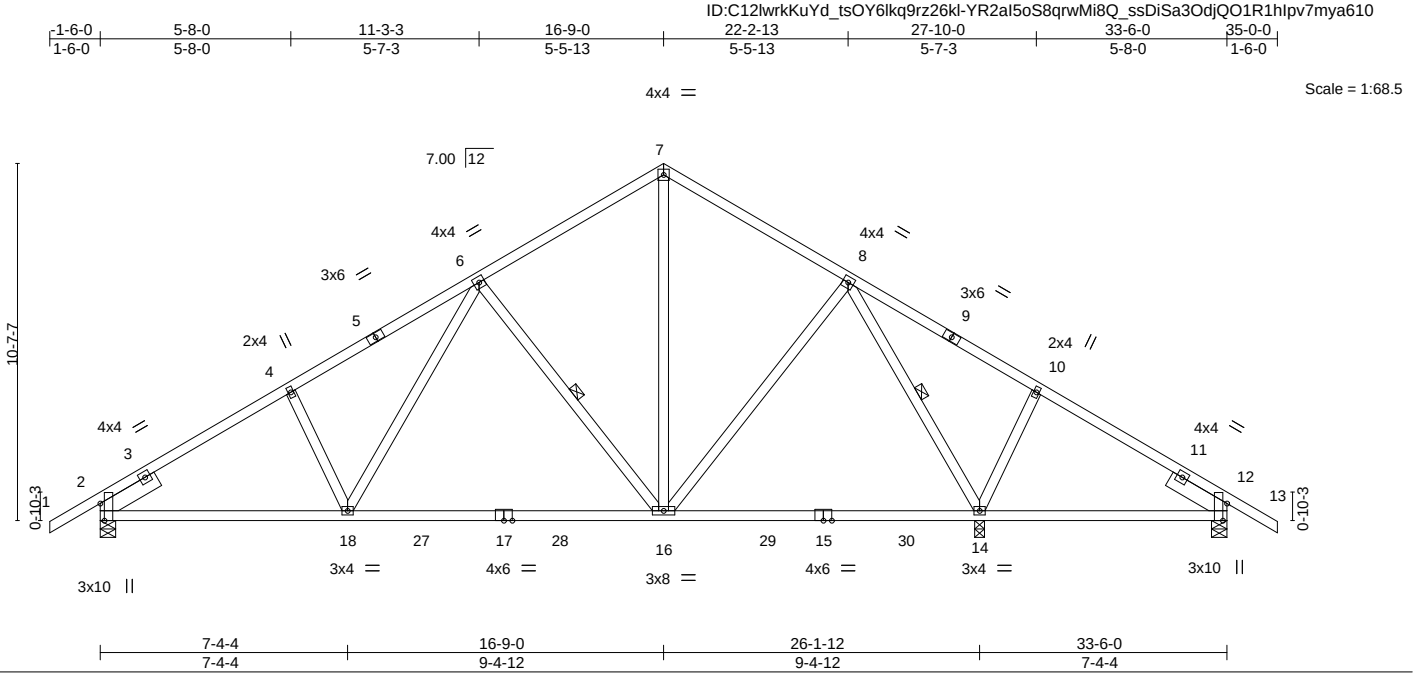


Plate Offsets (X,Y)-- [2:0-6-2,Edge], [12:0-6-2,Edge]

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	0.58	Vert(LL)	-0.23	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.40	16-18	>789	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.03	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 198 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-11-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 6-16, 8-14

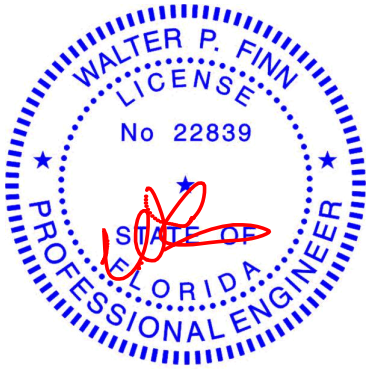
REACTIONS. (size) 2=0-5-8, 14=0-3-8, 12=0-5-8
Max Horz 2=-339(LC 10)
Max Uplift 2=-430(LC 12), 14=-412(LC 12), 12=-210(LC 13)
Max Grav 2=1052(LC 19), 14=1411(LC 19), 12=351(LC 24)

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

TOP CHORD	2-4=-1386/628, 4-6=-1344/675, 6-7=-848/498, 7-8=-846/497, 8-10=-148/329, 10-12=-274/209
BOT CHORD	2-18=-554/1362, 16-18=-348/1045, 14-16=-65/409
WEBS	4-18=-261/256, 6-18=-207/472, 6-16=-591/418, 7-16=-302/571, 8-16=-121/450, 8-14=-1142/393, 10-14=-355/285

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 2=430, 14=412, 12=210.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T07G	Monopitch Structural Gable	1	1	T21409778 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:38 2020 Page 1
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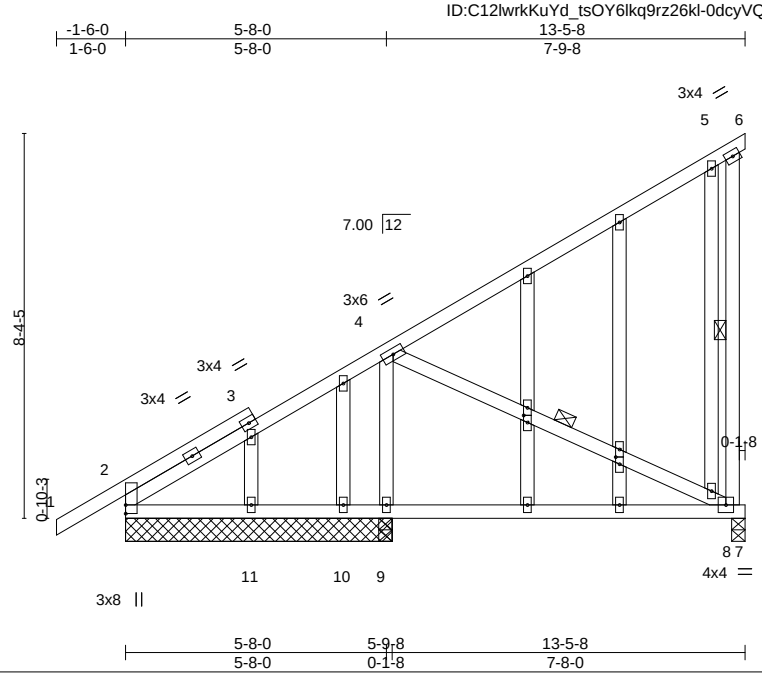


Plate Offsets (X,Y)-- [16:0-1-14,0-1-0], [19:0-1-14,0-1-0]

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)	-0.08	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.15	8-9	>602	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	-0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 112 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-

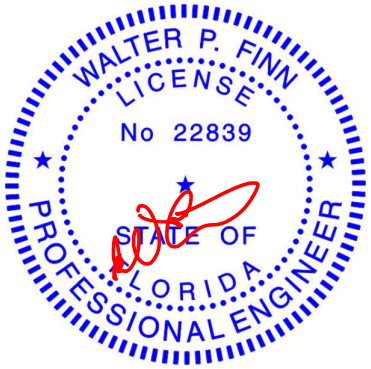
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-8, 4-8

REACTIONS. All bearings 5-9-8 except (jt=length) 8=0-3-8, 9=0-3-8, 9=0-3-8.
(lb) - Max Horz 2=410(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 11 except 8=-263(LC 12), 10=-247(LC 3), 9=-188(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 11 except 2=256(LC 1), 8=312(LC 19), 9=614(LC 19), 9=598(LC 1), 2=256(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-9=-396/276

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 11, 2 except (jt=lb) 8=263, 10=247, 9=188.



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6904 Parke East Blvd. Tampa FL 33610
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September 25,2020

MiTek
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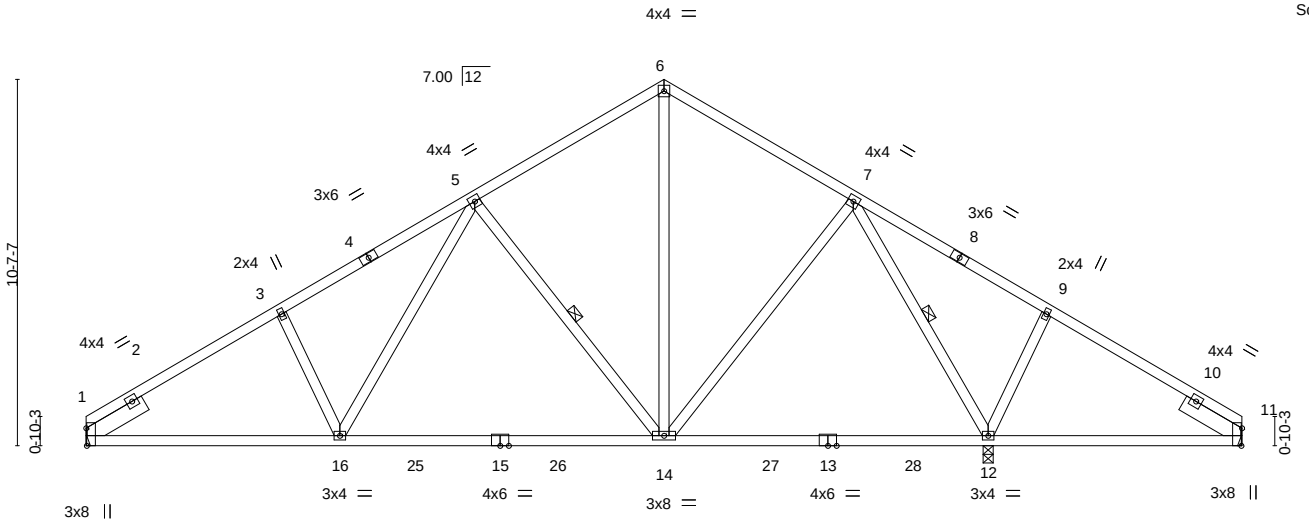
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T08	Common	7	1	T21409779
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:39 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-UqAKjmpigR5eb?Ip6HuhntfQXROusxgJ8cl?Bfya61_

5-8-0	11-3-3	16-9-0	22-2-13	27-10-0	33-6-0
5-8-0	5-7-3	5-5-13	5-5-13	5-7-3	5-8-0

Scale = 1:66.8



7-4-4	16-9-0	26-1-12	33-6-0
7-4-4	9-4-12	9-4-12	7-4-4

Plate Offsets (X,Y)-- [1:0-6-2,Edge], [11:0-6-2,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	0.54	Vert(LL)	-0.23	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.40	14-16	>792	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.03	12	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 193 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

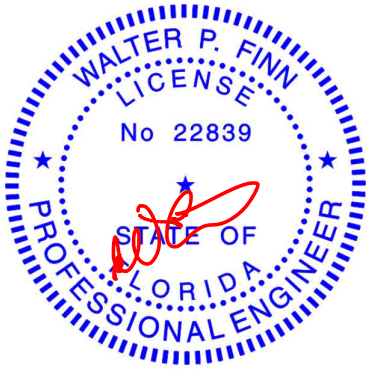
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-0-12 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-14, 7-12

REACTIONS. (size) 1=Mechanical, 12=0-3-8, 11=Mechanical
Max Horz 1=-311(LC 8)
Max Uplift 1=-378(LC 12), 12=-409(LC 12), 11=-162(LC 13)
Max Grav 1=978(LC 19), 12=1390(LC 19), 11=288(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-1409/644, 3-5=-1347/691, 5-6=-851/507, 6-7=-849/506, 7-9=-151/303, 9-11=-304/183
BOT CHORD 1-16=-583/1371, 14-16=-371/1045, 12-14=-91/429
WEBS 3-16=-258/260, 5-16=-214/484, 5-14=-595/420, 6-14=-310/574, 7-14=-121/436, 7-12=-1114/366, 9-12=-352/289

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=378, 12=409, 11=162.



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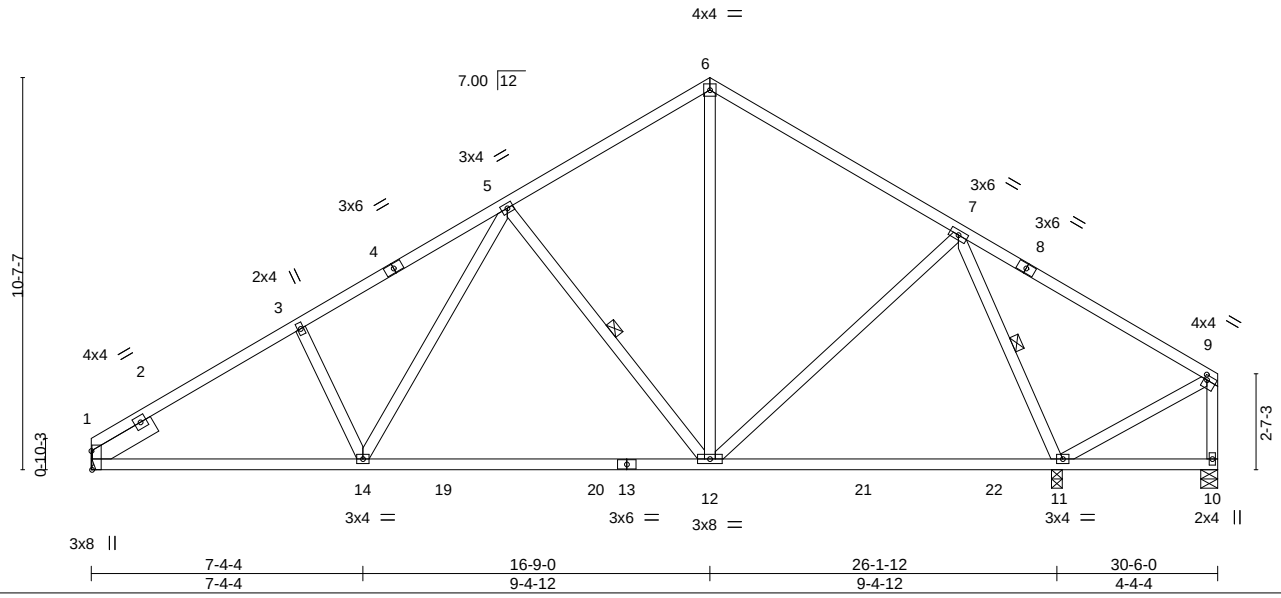
Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T09	Common	2	1	T21409780 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:40 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-z0kiw6qKRlDUD9t?g_PwK4Ca6qkmbQaTNG1Zi5ya60z

5-8-0	11-3-3	16-9-0	23-5-12	30-6-0
5-8-0	5-7-3	5-5-13	6-8-12	7-0-4

Scale = 1:62.4



7-4-4	16-9-0	26-1-12	30-6-0
7-4-4	9-4-12	9-4-12	4-4-4

Plate Offsets (X,Y)-- [1:0-6-2,Edge], [9:0-1-0,0-1-8]

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	0.62	Vert(LL)	-0.25	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.41	12-14	>766	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 181 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8

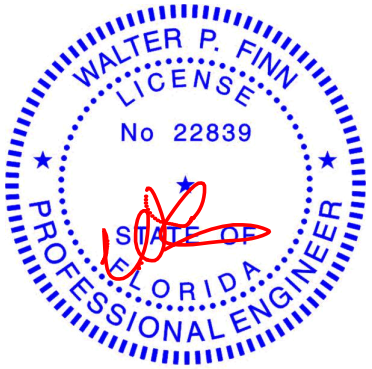
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-3-10 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-12, 7-11

REACTIONS. (size) 1=Mechanical, 11=0-3-8, 10=0-5-8
Max Horz 1=305(LC 9)
Max Uplift 1=-359(LC 12), 11=-524(LC 12), 10=-330(LC 25)
Max Grav 1=942(LC 19), 11=1631(LC 19), 10=103(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-1349/589, 3-5=-1277/636, 5-6=-746/447, 6-7=-742/437, 7-9=-152/498, 9-10=-99/319
BOT CHORD 1-14=-608/1301, 12-14=-393/969
WEBS 3-14=-267/263, 5-14=-218/494, 5-12=-598/420, 6-12=-227/442, 7-12=-116/595, 7-11=-1292/654, 9-11=-466/275

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=359, 11=524, 10=330.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T10	Common	3	1	T21409781
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:41 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-RCI57SryC2LLrJSBDhw9sIlmOE9MKwiccwn6FYya60y

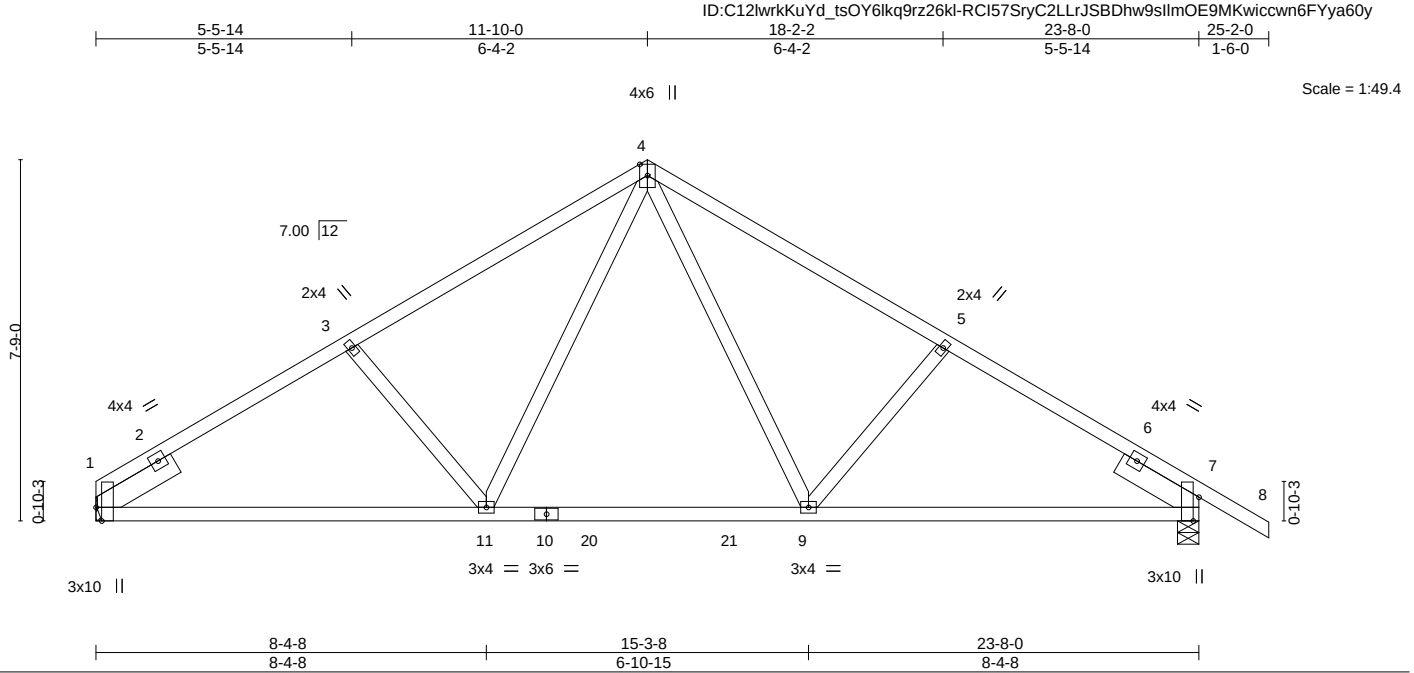


Plate Offsets (X,Y)-- [1:0-3-8,Edge], [7:0-6-2,Edge]

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	0.52	Vert(LL)	-0.16	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.22	9-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 125 lb	FT = 20%

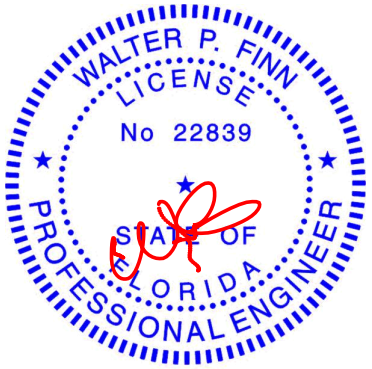
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-2 oc bracing.

REACTIONS. (size) 1=Mechanical, 7=0-5-8
Max Horz 1=-238(LC 8)
Max Uplift 1=-329(LC 12), 7=-383(LC 13)
Max Grav 1=873(LC 1), 7=959(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-1224/589, 3-4=-1130/575, 4-5=-1132/571, 5-7=-1216/585
BOT CHORD 1-11=-461/1169, 9-11=-174/781, 7-9=-378/1000
WEBS 4-9=-209/465, 5-9=-326/305, 4-11=-216/476, 3-11=-324/310

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=329, 7=383.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T10G	Common Supported Gable	1	1	T21409782
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:43 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-NbPrY8tDkgc34dcaL6zeyjqD42zIosQv3DGDJQya60w

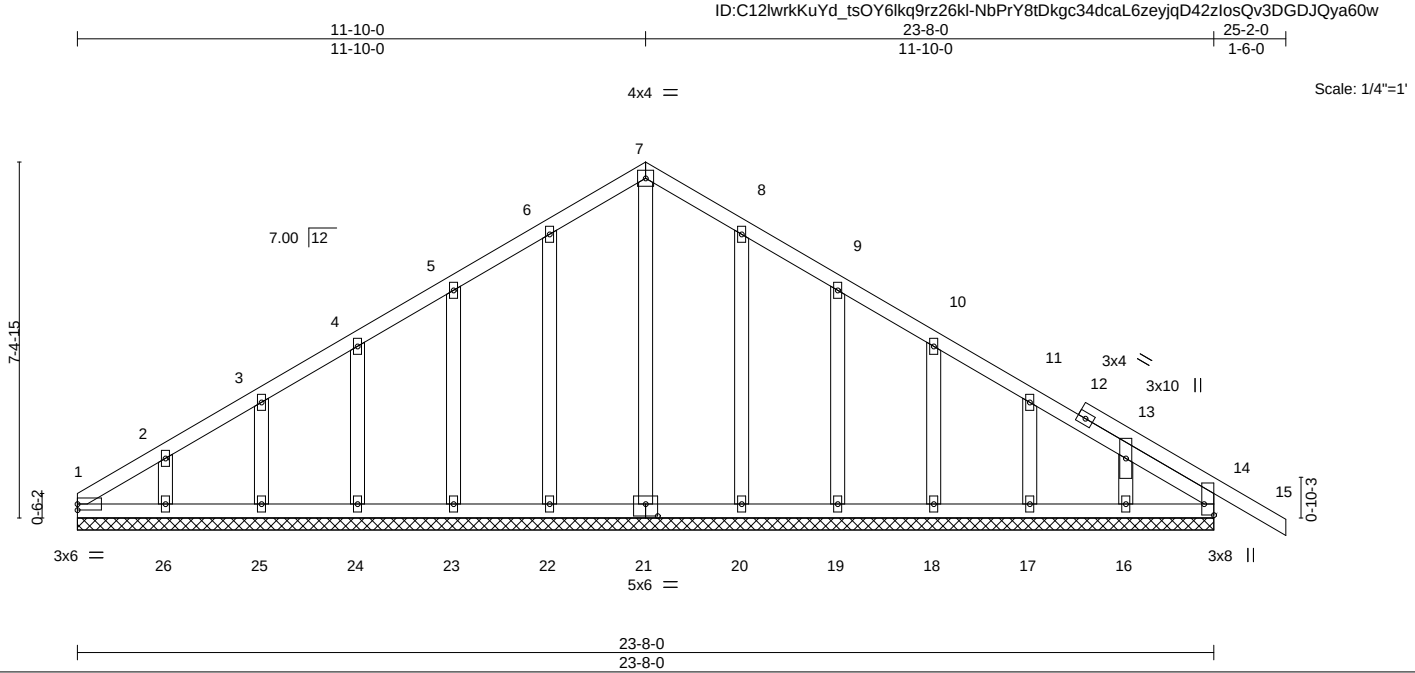


Plate Offsets (X,Y)-- [14:Edge,0-2-7], [21:0-3-0,0-3-0]

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	0.12	Vert(LL)	-0.01	15	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.01	15	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 144 lb	FT = 20%

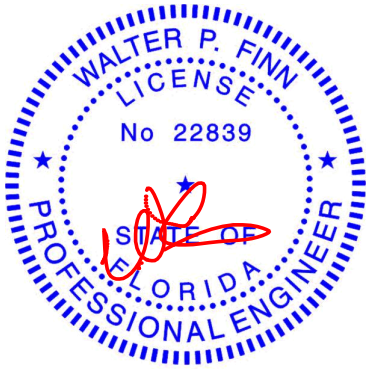
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 23-8-0.
(lb) - Max Horz 1=-233(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 14, 17 except 22=-105(LC 12), 23=-106(LC 12), 24=-104(LC 12), 25=-103(LC 12), 26=-141(LC 12), 20=-103(LC 13), 19=-107(LC 13), 18=-105(LC 13), 16=-111(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 14, 21, 22, 23, 24, 25, 26, 20, 19, 18, 17, 16

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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, 14, 17 except (jt=lb) 22=105, 23=106, 24=104, 25=103, 26=141, 20=103, 19=107, 18=105, 16=111.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T11	Piggyback Base	4	1	T21409783 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:44 2020 Page 1
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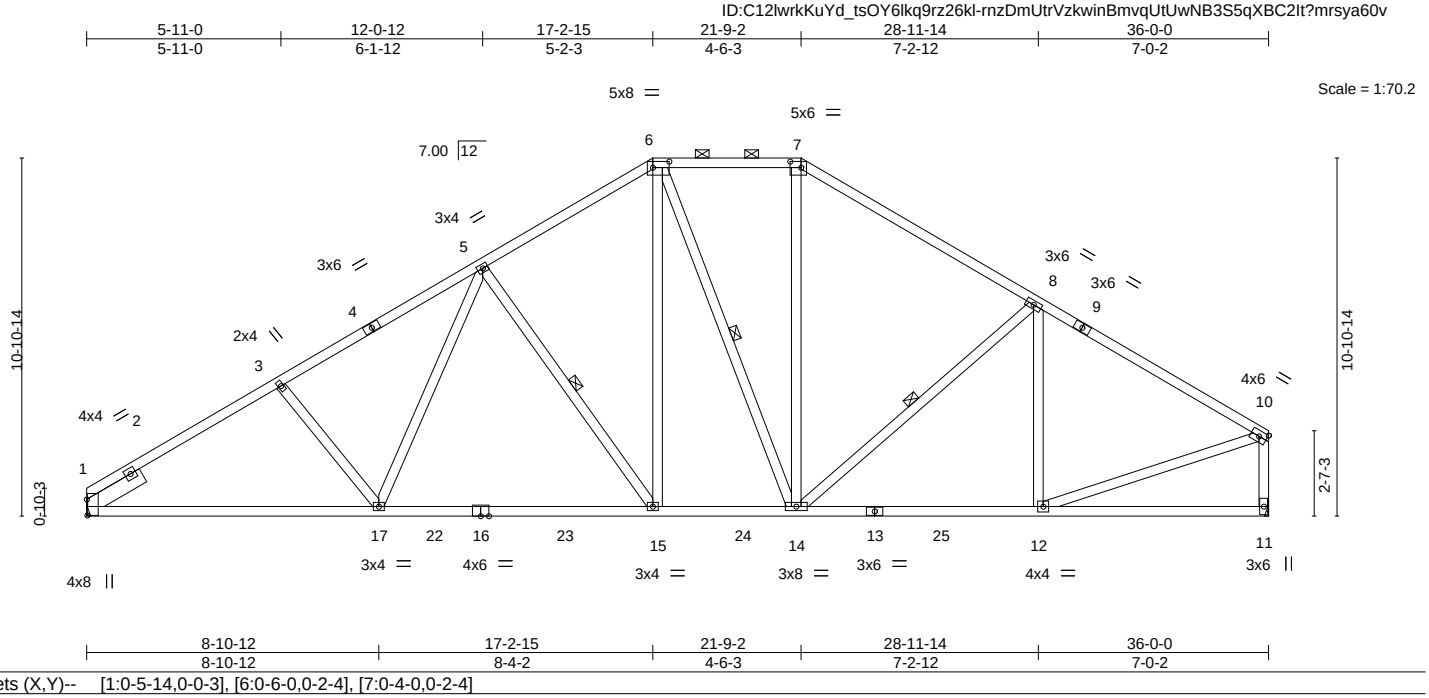


Plate Offsets (X,Y)-- [1:0-5-14,0-0-3], [6:0-6-0,0-2-4], [7:0-4-0,0-2-4]

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	0.94	Vert(LL)	-0.27	15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.46	15-17	>927	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.07	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 235 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8

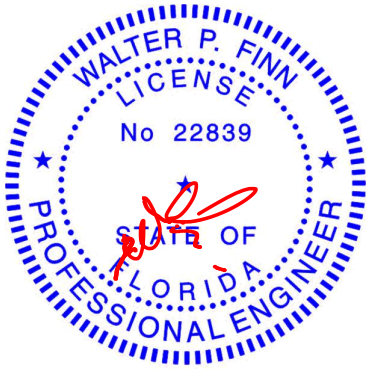
BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-3-3 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 6-6-5 oc bracing.
WEBS	1 Row at midpt 5-15, 6-14, 8-14

REACTIONS. (size) 1=Mechanical, 11=Mechanical
Max Horz 1=314(LC 9)
Max Uplift 1=-494(LC 12), 11=-462(LC 13)
Max Grav 1=1338(LC 19), 11=1327(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2015/931, 3-5=-1887/925, 5-6=-1404/808, 6-7=-1195/733, 7-8=-1365/761, 8-10=-1485/690, 10-11=-1266/612
BOT CHORD 1-17=-814/1869, 15-17=-582/1567, 14-15=-363/1218, 12-14=-503/1218
WEBS 3-17=-263/273, 5-17=-169/430, 5-15=-626/426, 6-15=-312/776, 6-14=-300/185, 7-14=-161/456, 8-14=-325/291, 10-12=-497/1243

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=494, 11=462.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T11G	GABLE Gable I Gable COMMON	1	1	T21409784
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:48 2020 Page 1
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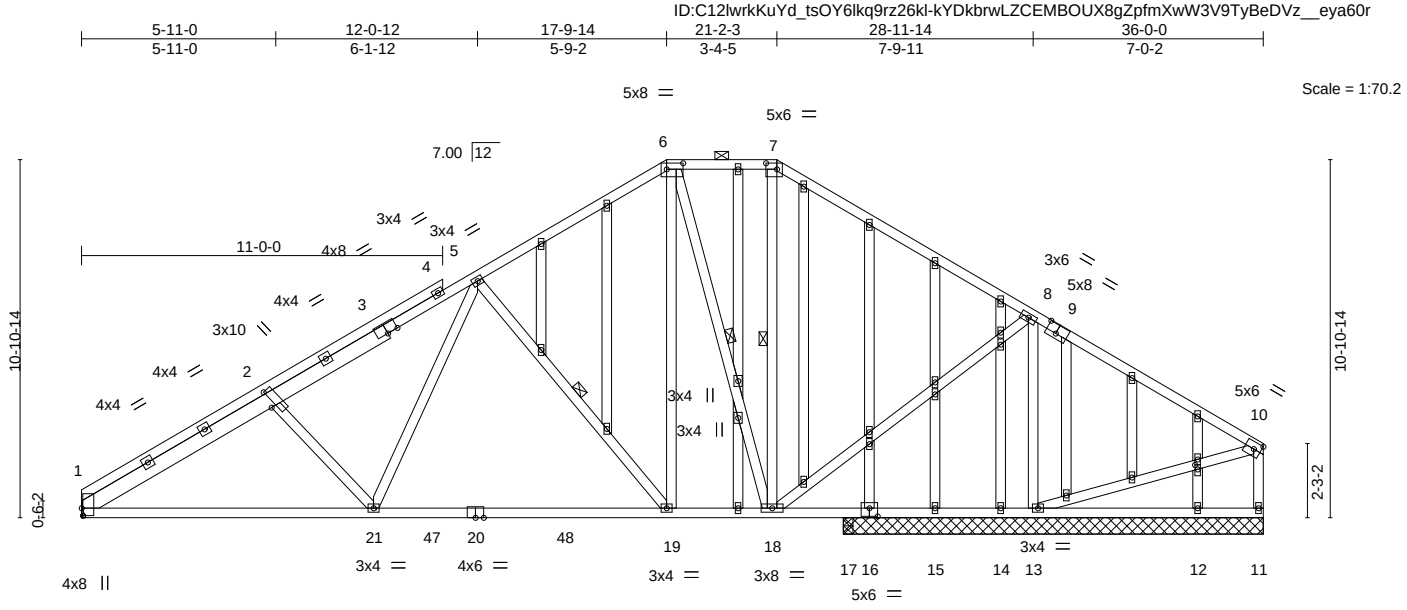


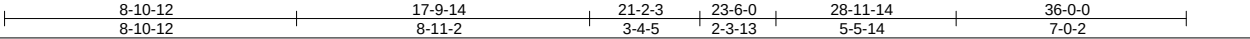


Plate Offsets (X,Y)-- [1:0-2-12,0-0-7], [2:0-6-1,0-1-12], [6:0-6-0,0-2-4], [7:0-4-0,0-2-4], [9:0-0-0,0-1-12], [9:0-3-12,0-3-4], [16:0-3-0,0-3-0], [23:0-1-10,0-1-0], [27:0-2-0,0-0-0]

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	0.72	Vert(LL)	-0.23	19-21	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.39	19-21	>714	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.03	17	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 350 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-3: 2x6 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 4-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-19, 6-18, 7-18

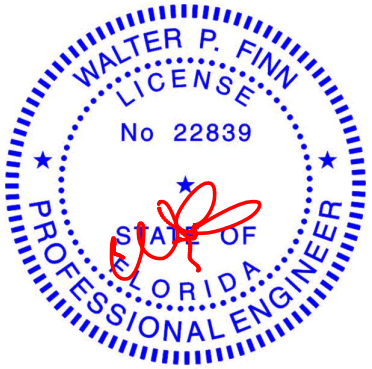
REACTIONS. All bearings 12-9-8 except (jt=length) 1=Mechanical, 17=0-3-8.
(lb) - Max Horz 1=316(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 14, 15, 17 except 1=-398(LC 12), 13=-544(LC 12), 11=-115(LC 23)
Max Grav All reactions 250 lb or less at joint(s) 11, 12, 14, 15, 17 except 1=1002(LC 1), 13=1379(LC 1)

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

TOP CHORD	1-2=-1487/691, 2-5=-1305/664, 5-6=-797/516, 6-7=-593/454, 7-8=-639/433, 8-10=-104/291
BOT CHORD	1-21=-685/1418, 19-21=-439/1071, 18-19=-184/650
WEBS	2-21=-282/275, 5-21=-161/473, 5-19=-682/444, 6-19=-305/803, 6-18=-695/262, 8-18=-264/757, 8-13=-1235/725, 10-13=-254/189

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 15, 17 except (jt=lb) 1=398, 13=544, 11=115.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409785
2465502	T12	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:51 2020 Page 1
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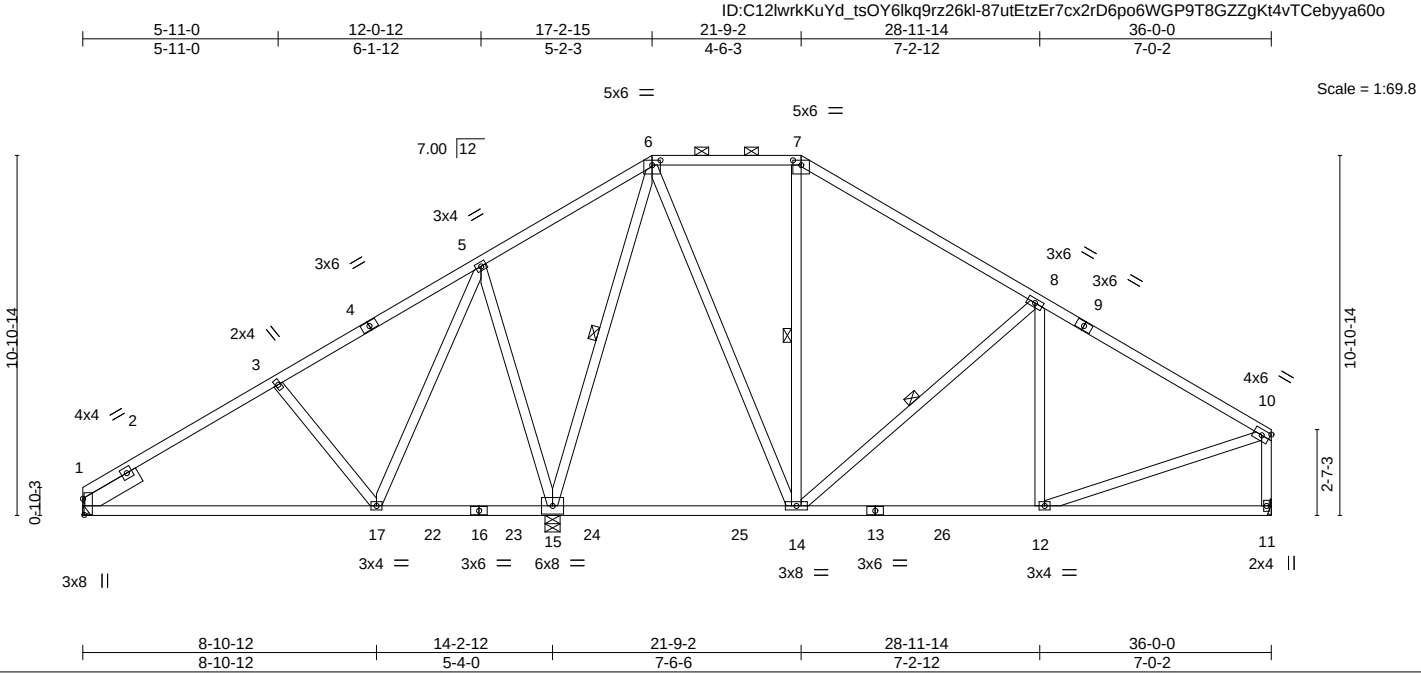


Plate Offsets (X,Y)-- [1:0-5-14,0-0-7], [6:0-3-0,0-1-12], [7:0-3-0,0-1-12]

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	0.57	Vert(LL)	0.19	17-20	>883	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.22	17-20	>760	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	-0.02	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 234 lb	FT = 20%

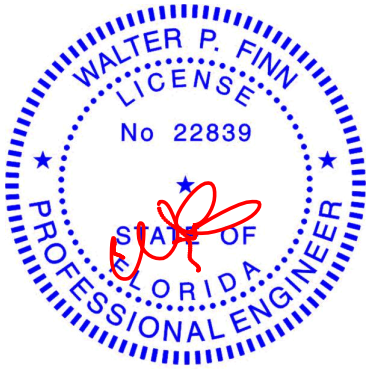
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-9 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 7-4-3 oc bracing: 1-17.
WEBS 1 Row at midpt 6-15, 7-14, 8-14

REACTIONS. (size) 1=Mechanical, 15=0-5-8, 11=Mechanical
Max Horz 1=314(LC 9)
Max Uplift 1=-221(LC 9), 15=-535(LC 12), 11=-308(LC 13)
Max Grav 1=510(LC 23), 15=1405(LC 2), 11=801(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-641/698, 3-5=-412/576, 5-6=-164/266, 6-7=-510/415, 7-8=-547/396, 8-10=-819/399, 10-11=-743/378
BOT CHORD 1-17=-523/489, 14-15=-125/252, 12-14=-252/640
WEBS 3-17=-362/323, 5-17=-626/407, 5-15=-617/680, 6-15=-752/224, 6-14=-244/624, 8-14=-479/346, 10-12=-233/623

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch 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, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=221, 15=535, 11=308.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409786
2465502	T13	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:53 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-4W0dfZ_UNkseH9NVwD8_MqFoo4lV8JKNNnhlgrya60m

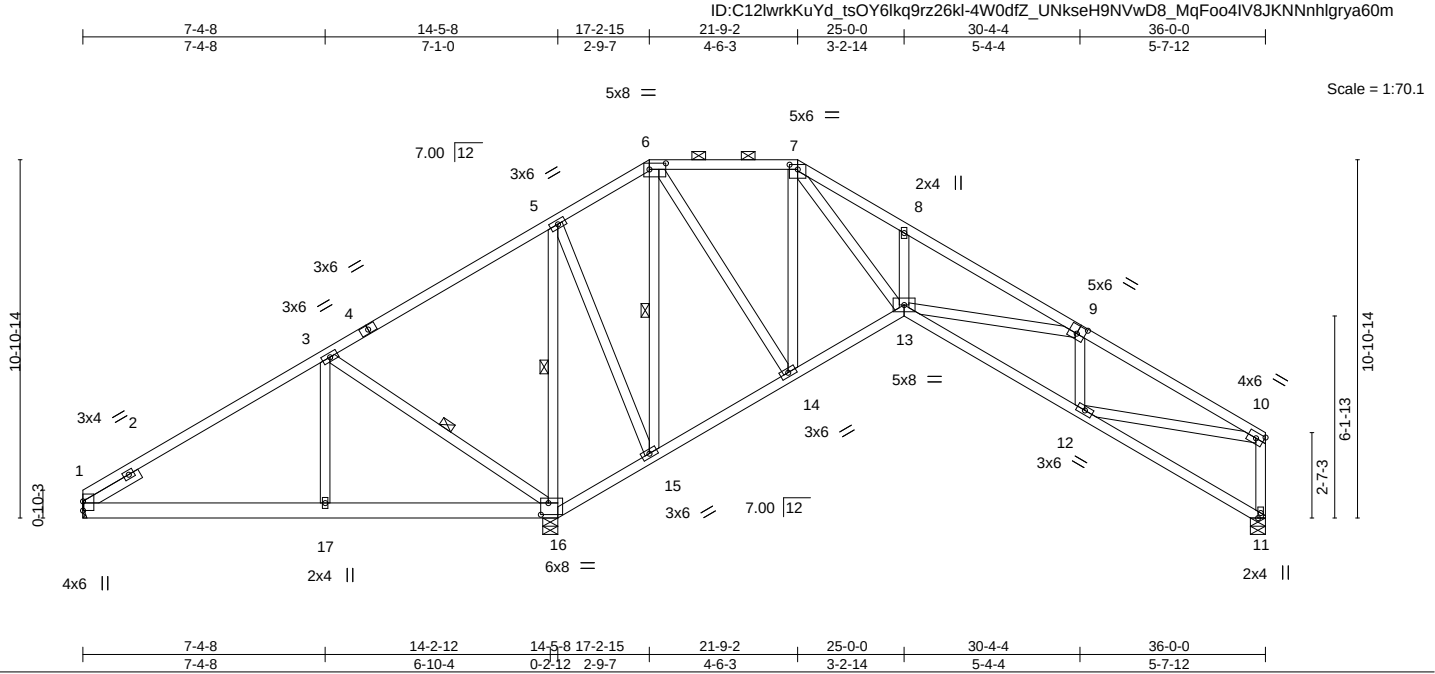


Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [7:0-3-0,0-1-12], [9:0-3-0,0-3-0], [16:0-2-12,0-4-4]

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	0.62	Vert(LL)	-0.06	13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.13	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.13	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 245 lb	FT = 20%

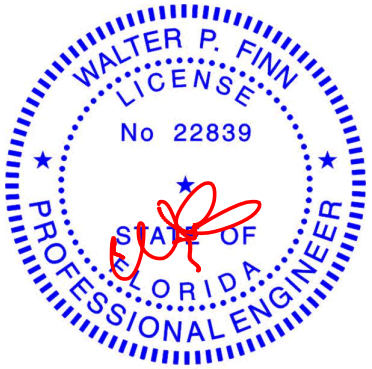
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
1-16: 2x6 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-8 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
9-2-1 oc bracing: 12-13
10-0-0 oc bracing: 11-12.
WEBS 1 Row at midpt 3-16, 5-16, 6-15

REACTIONS. (size) 11=0-5-8, 1=Mechanical, 16=0-5-8
Max Horz 1=374(LC 11)
Max Uplift 11=-236(LC 13), 1=-182(LC 9), 16=-565(LC 13)
Max Grav 11=544(LC 20), 1=305(LC 23), 16=2001(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-349/492, 3-5=-227/813, 5-6=0/402, 7-8=-708/384, 8-9=-706/251, 9-10=-955/431, 10-11=-500/276
BOT CHORD 1-17=-476/207, 16-17=-477/206, 15-16=-772/425, 14-15=-566/392, 13-14=-305/333, 12-13=-413/924
WEBS 3-17=-387/363, 3-16=-651/761, 5-16=-1200/510, 6-15=-845/252, 6-14=-188/601, 7-14=-617/239, 7-13=-347/905, 8-13=-295/260, 9-13=-482/392, 10-12=-301/741, 5-15=-186/797

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) Refer to girder(s) for truss to truss connections.
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) 11=236, 1=182, 16=565.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409787
2465502	T14	Piggyback Base	5	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:26:57 2020 Page 1
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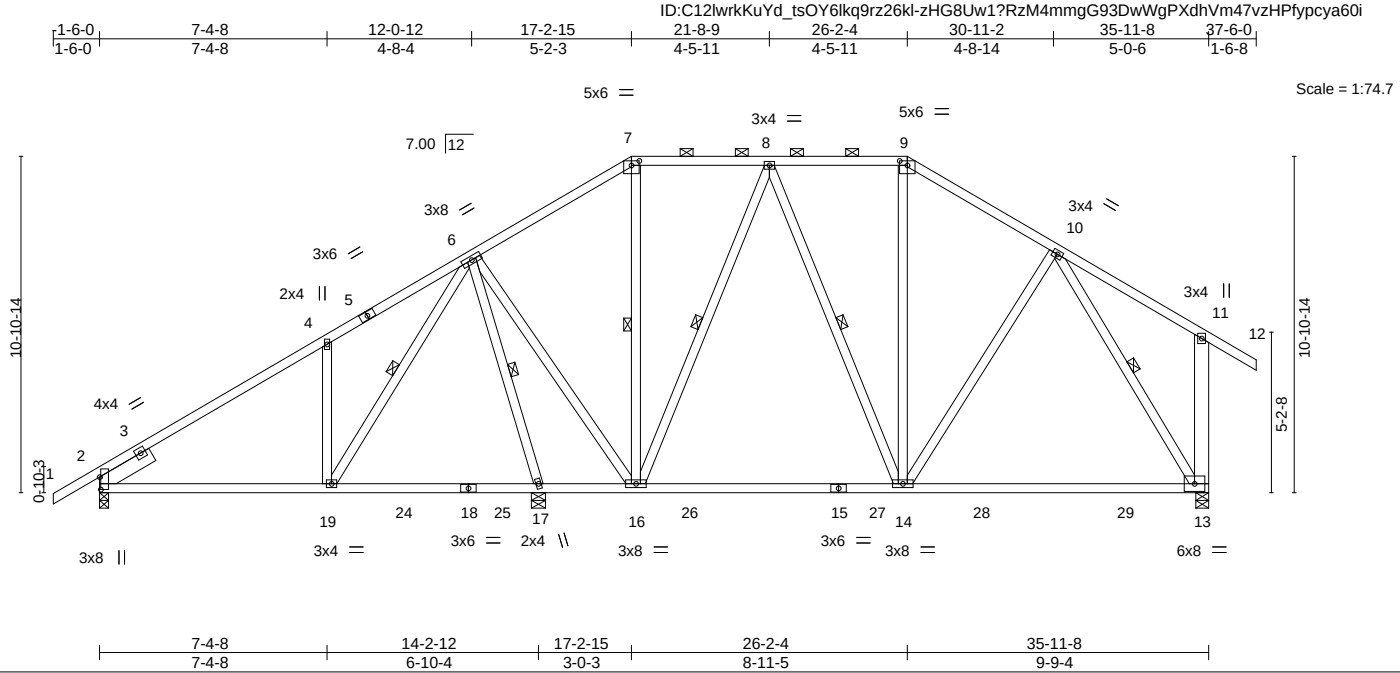


Plate Offsets (X,Y)-- [2:0-4-14,0-0-7], [7:0-3-0,0-1-12], [9:0-3-0,0-1-12]

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	0.44	Vert(LL)	-0.27	13-14	>956	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.47	13-14	>550	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	-0.03	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 269 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 11-13: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

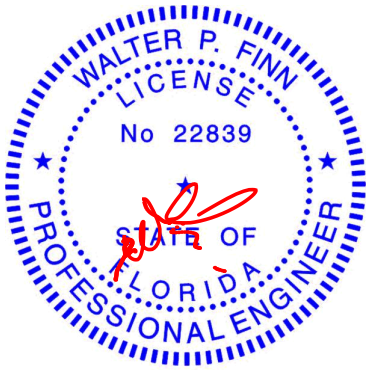
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-8-11 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 6-19, 6-17, 7-16, 8-16, 8-14, 10-13

REACTIONS. (size) 2=0-3-8, 17=0-5-8, 13=0-5-0
Max Horz 2=444(LC 11)
Max Uplift 2=-367(LC 12), 17=-408(LC 9), 13=-382(LC 13)
Max Grav 2=717(LC 1), 17=1218(LC 2), 13=982(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-761/772, 4-6=-935/957, 6-7=-596/465, 7-8=-553/459, 8-9=-648/497, 9-10=-711/516, 11-13=-322/265
BOT CHORD 2-19=-737/763, 17-19=-349/450, 16-17=-286/272, 14-16=-280/471, 13-14=-240/470
WEBS 4-19=-395/349, 6-19=-771/598, 6-17=-1121/667, 6-16=-168/668, 8-16=-407/255, 8-14=-38/263, 10-13=-751/383

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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, 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) 2=367, 17=408, 13=382.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T14G	GABLE	1	1	T21409788 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:00 2020 Page 1
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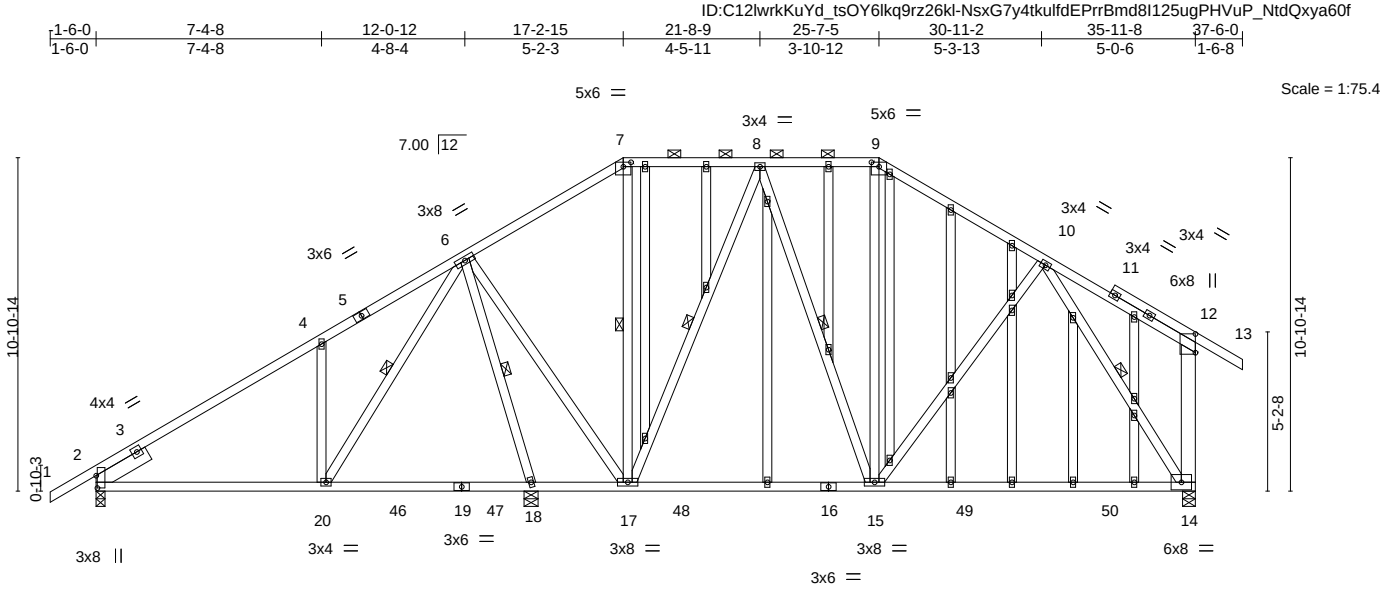


Plate Offsets (X,Y)-- [2:0-4-14,0-0-7], [7:0-3-0,0-1-12], [9:0-3-0,0-1-12], [12:0-7-6,0-0-0]

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	0.42	Vert(LL)	-0.26	14-15	>988	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.46	14-15	>562	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(CT)	-0.03	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 372 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP M 31
WEBS	2x4 SP No.3 *Except* 12-14: 2x6 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-9-5 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 6-20, 6-18, 7-17, 8-17, 8-15, 10-14

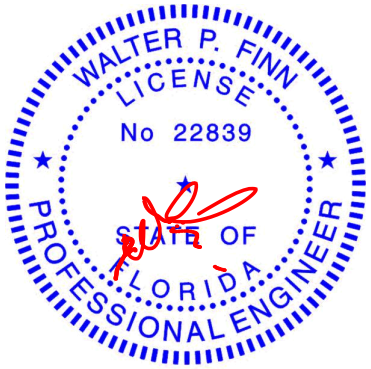
REACTIONS. (size) 2=0-3-8, 18=0-5-8, 14=0-5-0
Max Horz 2=439(LC 11)
Max Uplift 2=-362(LC 12), 18=-388(LC 9), 14=-387(LC 13)
Max Grav 2=725(LC 1), 18=1199(LC 2), 14=984(LC 2)

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

TOP CHORD	2-4=-754/757, 4-6=-926/940, 6-7=-590/453, 7-8=-547/449, 8-9=-658/495, 9-10=-716/505, 12-14=-312/248
BOT CHORD	2-20=-735/760, 18-20=-354/449, 17-18=-292/280, 15-17=-271/482, 14-15=-257/489
WEBS	4-20=-388/344, 6-20=-769/594, 6-18=-1076/670, 6-17=-174/627, 8-17=-417/246, 8-15=-51/298, 10-14=-758/405

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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 100 lb uplift at joint(s) except (jt=lb) 2=362, 18=388, 14=387.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

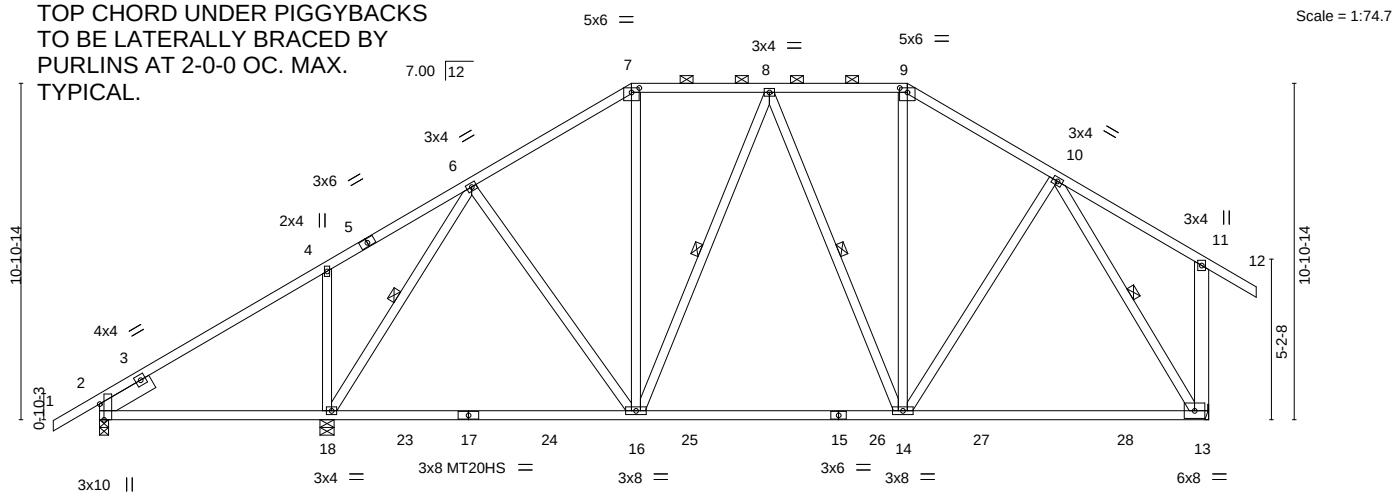
Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409789
2465502	T15	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:02 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-JF31Ye57GV?NsYZDycp5Dj6NsiENlONiRhMjUqya60d

1-6-0	7-4-8	12-0-12	17-2-15	21-8-9	26-2-4	30-11-2	35-11-8	37-6-0
1-6-0	7-4-8	4-8-4	5-2-3	4-5-11	4-5-11	4-8-14	5-0-6	1-6-8

TOP CHORD UNDER PIGGYBACKS TO BE LATERALLY BRACED BY PURLINS AT 2-0-0 OC. MAX. TYPICAL.

Scale = 1:74.7



7-4-8	17-2-15	26-2-4	35-11-8
7-4-8	9-10-7	8-11-5	9-9-4

Plate Offsets (X,Y)-- [2:0-6-2,Edge], [7:0-3-0,0-1-12], [9:0-3-0,0-1-12]

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	0.47	Vert(LL)	0.16	18-21	>539	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.52	13-14	>660	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	-0.03	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 258 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 11-13: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

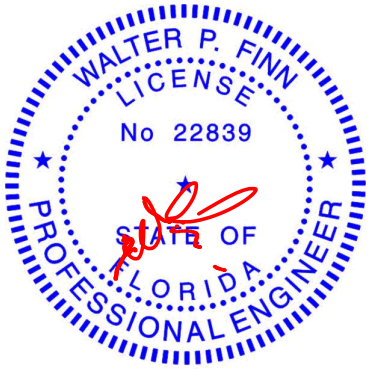
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-6-6 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 6-18, 8-16, 8-14, 10-13

REACTIONS. (size) 2=0-3-8, 13=Mechanical, 18=0-5-8
Max Horz 2=444(LC 11)
Max Uplift 2=-351(LC 12), 13=-433(LC 13), 18=-249(LC 12)
Max Grav 2=534(LC 23), 13=1229(LC 2), 18=1244(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-536/669, 4-6=-718/866, 6-7=-956/732, 7-8=-866/692, 8-9=-808/623, 9-10=-902/659, 11-13=-324/266
BOT CHORD 2-18=-671/569, 16-18=-592/781, 14-16=-427/788, 13-14=-330/590
WEBS 4-18=-412/362, 6-18=-817/92, 6-16=-128/351, 7-16=-179/275, 8-14=-277/282, 9-14=-155/261, 10-14=-189/345, 10-13=-1019/556

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=351, 13=433, 18=249.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409790
2465502	T16	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:04 2020 Page 1
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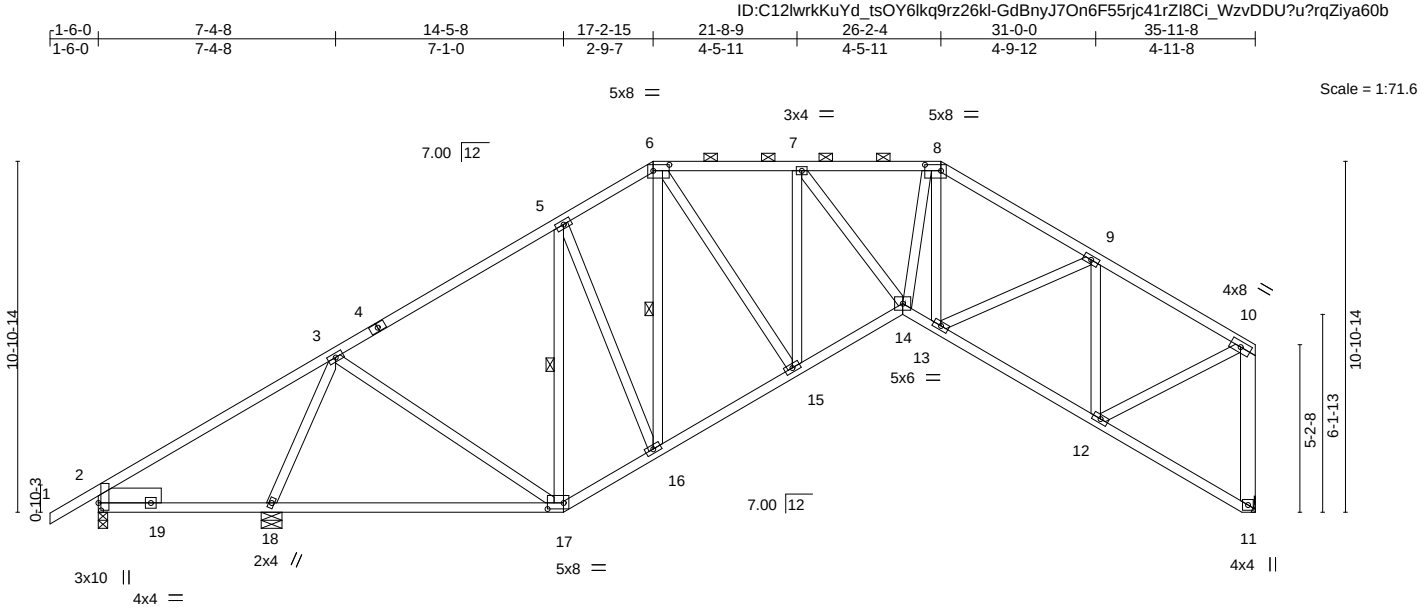


Plate Offsets (X,Y)-- [2:0-2-12,0-1-0], [6:0-6-0,0-2-4], [8:0-6-0,0-2-4], [17:0-6-0,0-2-4]

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	0.56	Vert(LL)	-0.18	17-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.37	17-18	>994	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.18	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 258 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 10-11: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-3-5 oc purlins, except end verticals, and 2-0-0 oc purlins (4-4-12 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-17, 6-16

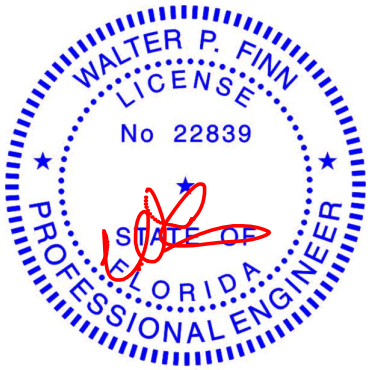
REACTIONS. (size) 11=Mechanical, 2=0-3-8, 18=0-7-12
Max Horz 2=436(LC 11)
Max Uplift 11=-373(LC 13), 2=-220(LC 12), 18=-383(LC 12)
Max Grav 11=1101(LC 1), 2=188(LC 23), 18=1469(LC 1)

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

TOP CHORD	2-3=-63/355, 3-5=-995/681, 5-6=-1081/785, 6-7=-1307/914, 7-8=-1684/1106, 8-9=-1725/1046, 9-10=-1085/581, 10-11=-1065/604
BOT CHORD	2-18=-741/843, 17-18=-594/529, 16-17=-620/904, 15-16=-624/1027, 14-15=-882/1515, 13-14=-904/1601, 12-13=-641/1072
WEBS	3-18=-1336/495, 3-17=-80/496, 5-17=-609/323, 5-16=-100/348, 6-16=-340/123, 6-15=-392/768, 7-15=-782/472, 7-14=-322/635, 8-14=-627/1057, 8-13=-406/323, 9-13=-356/586, 9-12=-848/562, 10-12=-540/978

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 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.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=373, 2=220, 18=383.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409791
2465502	T17	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:05 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-kqk9Af80YQNxj?HodkMorLkukvMRyek87fbO58ya60a

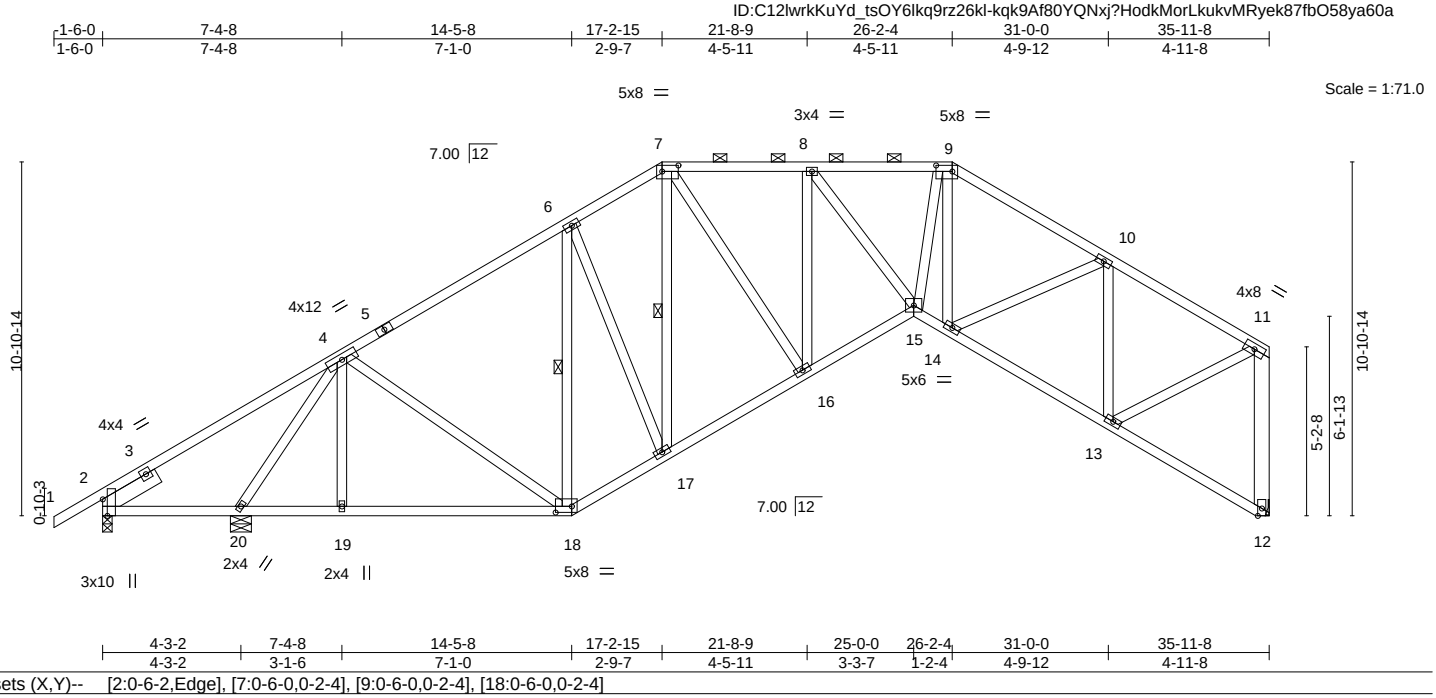


Plate Offsets (X,Y)-- [2:0-6-2,Edge], [7:0-6-0,0-2-4], [9:0-6-0,0-2-4], [18:0-6-0,0-2-4]

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	0.49	Vert(LL)	-0.10	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.21	18-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.20	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 266 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 11-12: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-2 oc purlins, except end verticals, and 2-0-0 oc purlins (4-2-4 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 6-18, 7-17

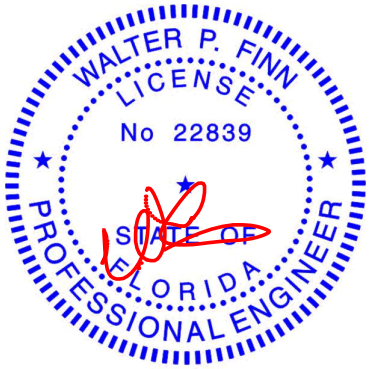
REACTIONS. (size) 12=Mechanical, 2=0-3-8, 20=0-7-12
Max Horz 2=436(LC 11)
Max Uplift 12=-385(LC 13), 2=-259(LC 12), 20=-325(LC 12)
Max Grav 12=1169(LC 1), 2=289(LC 23), 20=1297(LC 1)

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

TOP CHORD	2-4=-266/386, 4-6=-1179/709, 6-7=-1233/811, 7-8=-1456/942, 8-9=-1847/1136, 9-10=-1873/1073, 10-11=-1157/594, 11-12=-1132/617
BOT CHORD	2-20=-396/305, 19-20=-640/924, 18-19=-640/924, 17-18=-654/1089, 16-17=-654/1188, 15-16=-914/1687, 14-15=-931/1744, 13-14=-655/1143
WEBS	4-20=-1368/440, 4-18=-138/274, 6-18=-549/301, 6-17=-86/311, 7-17=-291/161, 7-16=-398/784, 8-16=-800/475, 8-15=-326/657, 9-15=-653/1197, 9-14=-466/327, 10-14=-361/658, 10-13=-916/575, 11-13=-553/1047

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 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.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=385, 2=259, 20=325.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

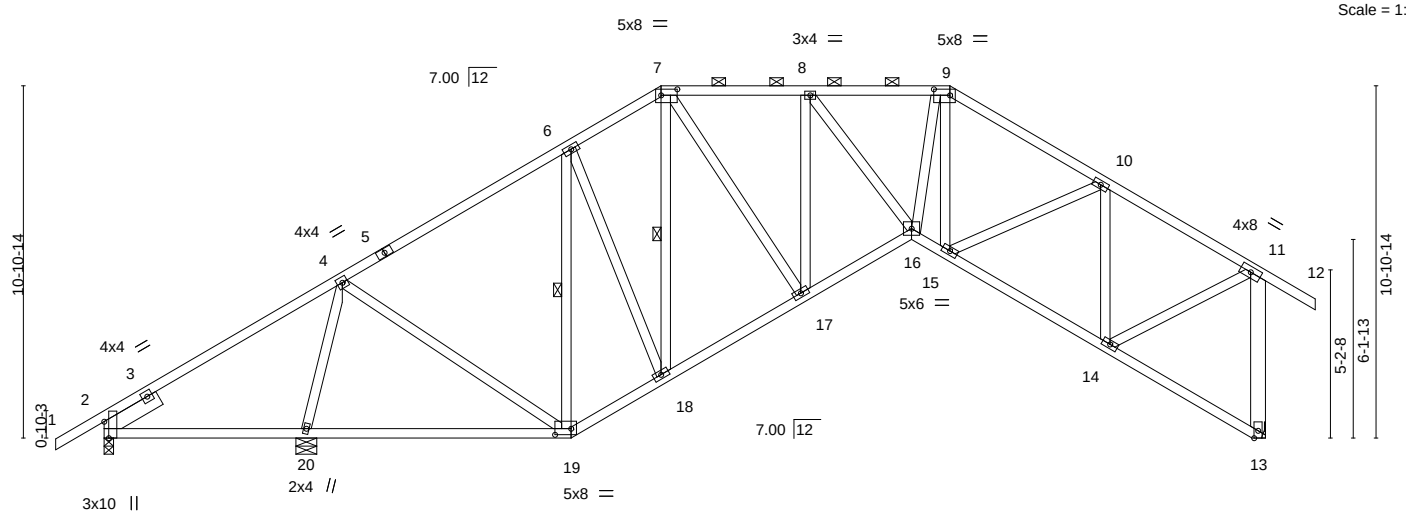
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409792
2465502	T18	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:06 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-C0IYN?8eJkVoL9s?BRt1NZH28JhIh9qIMIKxdbya60Z

1-6-0	7-4-8	14-5-8	17-2-15	21-8-9	26-2-4	31-0-0	35-11-8	37-6-0
1-6-0	7-4-8	7-1-0	2-9-7	4-5-11	4-5-11	4-9-12	4-11-8	1-6-8

Scale = 1:71.3



6-3-2	14-5-8	17-2-15	21-8-9	25-0-0	26-2-4	31-0-0	35-11-8
6-3-2	8-2-6	2-9-7	4-5-11	3-3-7	1-2-4	4-9-12	4-11-8

Plate Offsets (X,Y)-- [2:0-6-2,Edge], [7:0-6-0,0-2-4], [9:0-6-0,0-2-4], [19:0-6-0,0-2-4]

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	0.51	Vert(LL)	0.10	20-23	>712	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.25	19-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.18	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 260 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 11-13: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-3-10 oc purlins, except end verticals, and 2-0-0 oc purlins (4-5-5 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 6-19, 7-18

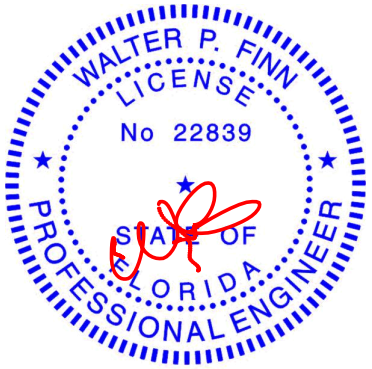
REACTIONS. (size) 13=Mechanical, 2=0-3-8, 20=0-7-12
Max Horz 2=447(LC 11)
Max Uplift 13=-430(LC 13), 2=-304(LC 12), 20=-295(LC 12)
Max Grav 13=1190(LC 1), 2=349(LC 23), 20=1310(LC 1)

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

TOP CHORD	2-4=-303/515, 4-6=-972/705, 6-7=-1084/799, 7-8=-1278/901, 8-9=-1656/1057, 9-10=-1689/1004, 10-11=-1062/595, 11-13=-1150/708
BOT CHORD	2-20=-485/316, 19-20=-572/544, 18-19=-565/925, 17-18=-553/1000, 16-17=-782/1482, 15-16=-782/1567, 14-15=-561/1101
WEBS	4-20=-1137/375, 4-19=-94/520, 6-19=-619/278, 6-18=-92/359, 7-18=-348/117, 7-17=-348/758, 8-17=-772/422, 8-16=-261/640, 9-16=-566/1032, 9-15=-404/316, 10-15=-348/581, 10-14=-827/502, 11-14=-479/956

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 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.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=430, 2=304, 20=295.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409793
2465502	T19	Piggyback Base	5	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:07 2020 Page 1
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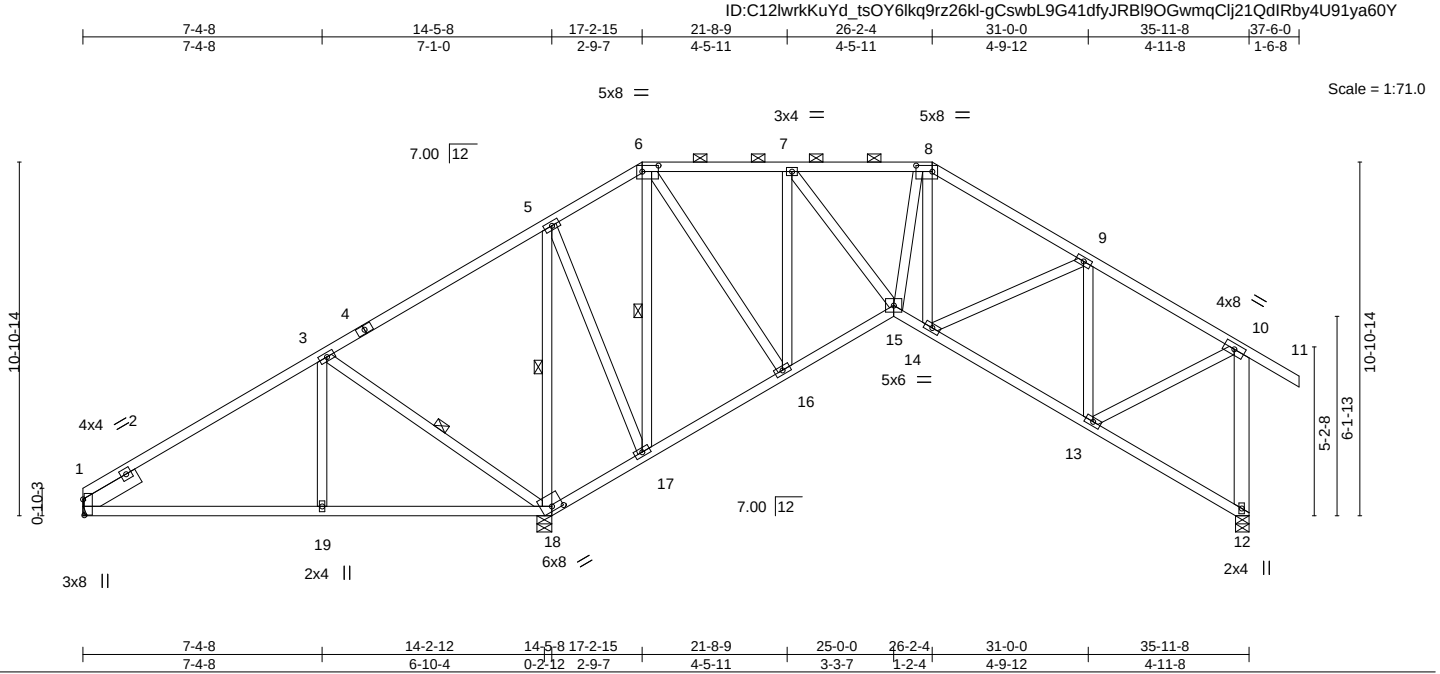


Plate Offsets (X,Y)-- [1:0-5-14,0-0-7], [6:0-6-0,0-2-4], [8:0-6-0,0-2-4], [18:0-4-0,0-1-11]

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	0.52	Vert(LL)	0.12	19-22	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.10	19-22	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.10	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 258 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 10-12: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 3-18, 5-18, 6-17

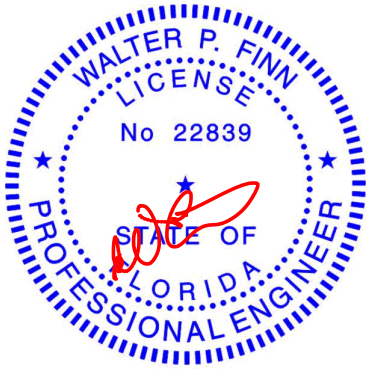
REACTIONS. (size) 12=0-5-0, 1=Mechanical, 18=0-5-8
Max Horz 1=429(LC 11)
Max Uplift 12=-333(LC 13), 1=-263(LC 12), 18=-556(LC 9)
Max Grav 12=803(LC 1), 1=445(LC 23), 18=1525(LC 1)

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

TOP CHORD	1-3=-482/676, 3-5=-137/310, 5-6=-366/375, 6-7=-506/412, 7-8=-818/522, 8-9=-840/516, 9-10=-648/381, 10-12=-764/486
BOT CHORD	1-19=-573/476, 18-19=-573/476, 17-18=-339/305, 16-17=-309/267, 15-16=-392/527, 14-15=-365/792, 13-14=-322/727
WEBS	3-19=-342/325, 3-18=-618/735, 5-18=-1000/459, 5-17=-183/620, 6-17=-645/244, 6-16=-300/664, 7-16=-673/363, 7-15=-185/524, 8-15=-289/262, 8-14=-97/264, 9-13=-460/278, 10-13=-251/578

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 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.
7) Refer to girder(s) for truss to truss connections.
8) 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=333, 1=263, 18=556.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409794
2465502	T19G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:09 2020 Page 1
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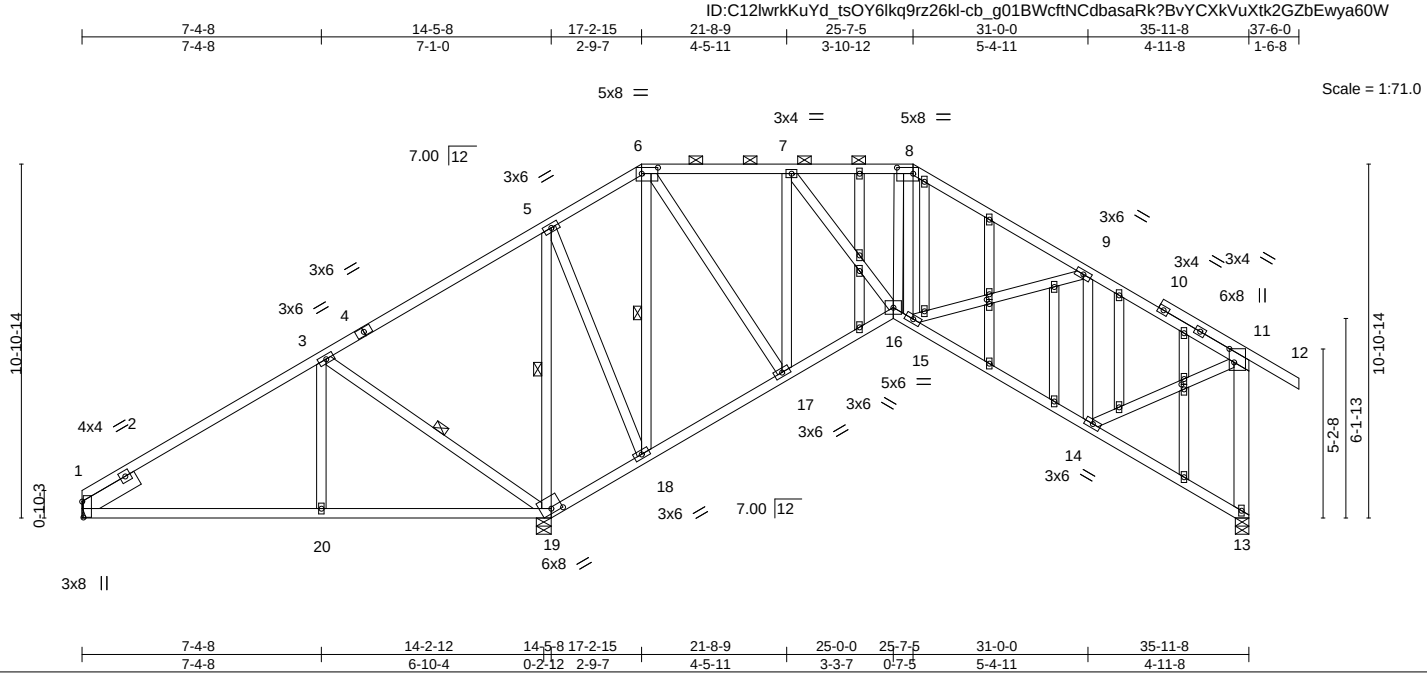


Plate Offsets (X,Y)-- [1:0-5-14,0-0-7], [6:0-6-0,0-2-4], [8:0-6-0,0-2-4], [11:0-5-0,0-1-12], [19:0-4-0,0-1-11], [23:0-1-13,0-1-0], [30:0-1-10,0-1-0]

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	0.53	Vert(LL)	0.12	20-38	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.10	20-38	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.10	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 298 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except*
	11-13: 2x6 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-9-11 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 3-19, 5-19, 6-18

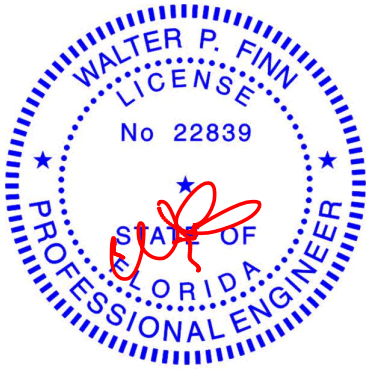
REACTIONS. (size) 13=0-5-0, 1=Mechanical, 19=0-5-8
Max Horz 1=424(LC 11)
Max Uplift 13=-336(LC 13), 1=-260(LC 12), 19=-538(LC 9)
Max Grav 13=800(LC 1), 1=446(LC 23), 19=1531(LC 1)

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

TOP CHORD	1-3=-472/670, 3-5=-127/312, 5-6=-360/369, 6-7=-503/405, 7-8=-825/524, 8-9=-897/525, 9-11=-678/387, 11-13=-764/483
BOT CHORD	1-20=-569/457, 19-20=-569/457, 18-19=-346/302, 17-18=-305/265, 16-17=-374/505, 15-16=-361/790, 14-15=-354/776
WEBS	3-20=-343/325, 3-19=-618/735, 5-19=-1003/461, 5-18=-169/622, 6-18=-648/229, 6-17=-294/659, 7-17=-667/356, 7-16=-200/542, 8-16=-265/179, 8-15=-69/259, 9-14=-489/299, 11-14=-276/626

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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) Refer to girder(s) for truss to truss connections.
10) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=336, 1=260, 19=538.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T20	Common	3	1	T21409795
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:10 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-4nY2DNB8Ny?EpmAmQHyzYPSmQw1FdvttHwl8mMya60V

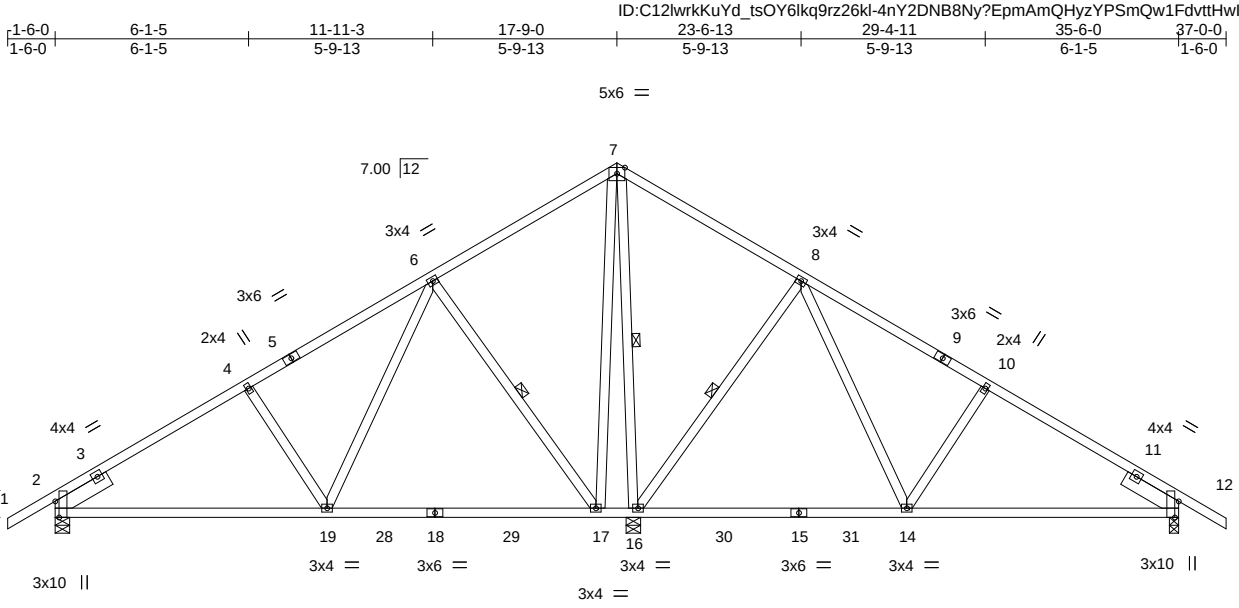


Plate Offsets (X,Y)-- [2:0-6-2,Edge], [12:0-6-2,Edge]

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	0.37	Vert(LL)	-0.19	17-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.30	17-19	>727	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 223 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

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 7-16, 8-16, 6-17

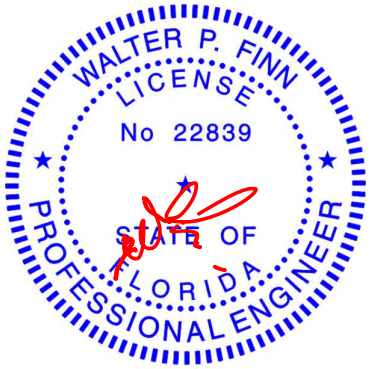
REACTIONS. (size) 2=0-5-8, 16=0-5-8, 12=0-3-8
Max Horz 2=358(LC 11)
Max Uplift 2=-306(LC 12), 16=-500(LC 12), 12=-315(LC 13)
Max Grav 2=696(LC 23), 16=1562(LC 2), 12=645(LC 24)

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

TOP CHORD	2-4=-737/322, 4-6=-704/337, 6-7=-183/298, 7-8=-109/340, 8-10=-543/699, 10-12=-600/685
BOT CHORD	2-19=-380/781, 17-19=-177/414, 16-17=-262/364, 12-14=-467/518
WEBS	7-16=-1111/325, 8-16=-610/676, 8-14=-661/462, 10-14=-340/292, 7-17=-297/687, 6-17=-671/449, 6-19=-222/560, 4-19=-336/289

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=306, 16=500, 12=315.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
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Date:

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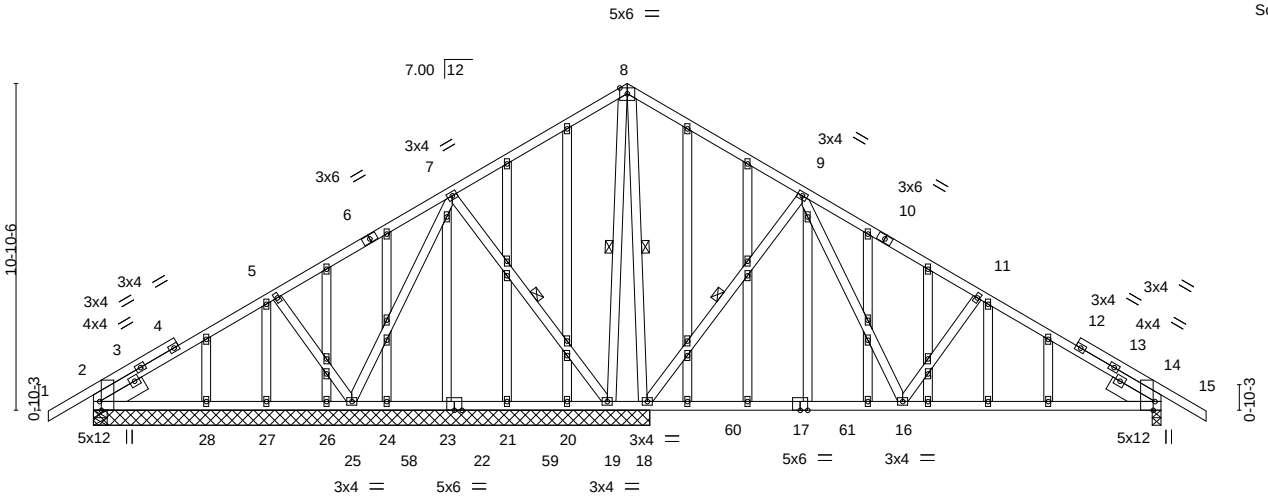
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T20G	GABLE	1	1	T21409796
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:12 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-1Agpe2DPvaFy34K8Yi_RdqX56kjC5qZAkEnFrFya60T

1-6-0	6-1-5	11-11-3	17-9-0	23-6-13	29-4-11	35-6-0	37-0-0
1-6-0	6-1-5	5-9-13	5-9-13	5-9-13	5-9-13	6-1-5	1-6-0

Scale = 1:76.6



8-7-2	17-2-12	18-3-4	26-10-15	35-6-0
8-7-2	8-7-11	1-0-8	8-7-11	8-7-2

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [14:0-3-8,Edge], [17:0-0-0,0-1-12], [22:0-0-0,0-1-12], [23:0-1-12,0-0-0], [46:0-1-12,0-0-0]

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	0.42	Vert(LL)	-0.16	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.24	16-18	>832	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 343 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
SLIDER	Left 2x6 SP No.2 1-7-6, Right 2x6 SP No.2 1-7-6

BRACING-

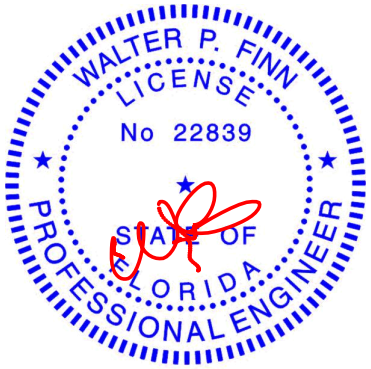
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 16-18 9-0-9 oc bracing: 14-16.
WEBS	1 Row at midpt 8-18, 9-18, 8-19, 7-19

REACTIONS. All bearings 18-6-0 except (jt=length) 2=0-5-8, 2=0-5-8, 14=0-3-8.
(lb) - Max Horz 2=355(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 20, 28 except 2=-130(LC 12), 18=-481(LC 8), 19=-296(LC 12), 25=-323(LC 12), 14=-291(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 20, 21, 23, 24, 26, 27, 28 except 2=339(LC 23), 2=310(LC 1), 18=1069(LC 2), 19=310(LC 1), 25=385(LC 19), 14=607(LC 24)

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

TOP CHORD	7-8=-76/328, 8-9=-69/309, 9-11=-433/537, 11-14=-591/534
BOT CHORD	2-28=-191/255, 27-28=-187/254, 26-27=-187/254, 25-26=-187/254, 24-25=-204/293, 23-24=-204/293, 21-23=-204/293, 20-21=-204/293, 19-20=-204/293, 18-19=-394/472, 14-16=-368/467
WEBS	8-18=-281/153, 9-18=-605/662, 9-16=-649/461, 11-16=-362/306, 7-19=-332/320, 5-25=-349/288

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 20, 28 except (jt=lb) 2=130, 18=481, 19=296, 25=323, 14=291.



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Date:

September 25,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T21	Common Girder	1	2	T21409797

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, Job Reference (optional)

8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:16 2020 Page 1
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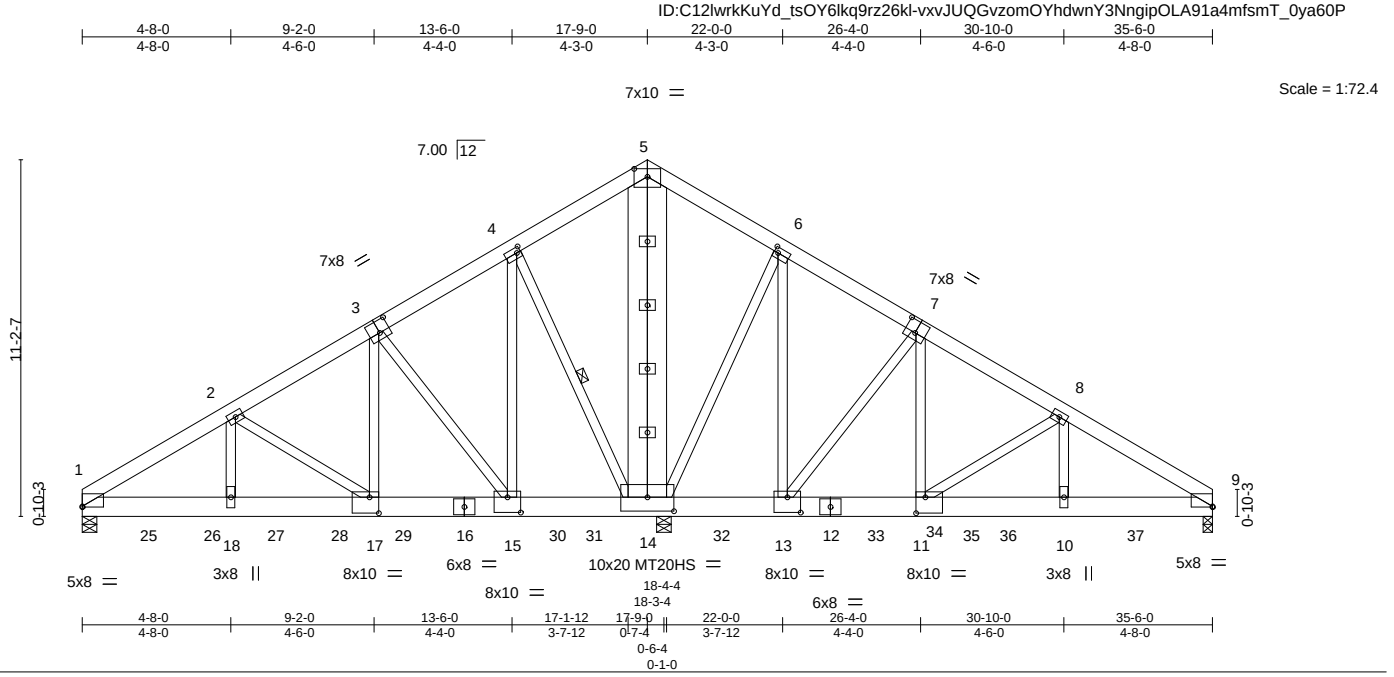


Plate Offsets (X,Y)-- [1:0-0-0,0-0-4], [3:0-4-0,0-4-8], [4:0-1-8,0-2-0], [5:0-5-0,0-3-0], [6:0-1-8,0-2-0], [7:0-4-0,0-4-8], [9:0-0-0,0-0-4], [11:0-3-8,0-6-0], [13:0-5-0,0-5-12], [14:0-10-0,0-5-4], [15:0-5-0,0-5-12], [17:0-3-8,0-6-0]

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	0.27	Vert(LL)	0.07	15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	-0.12	15-17	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	1.00	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 747 lb	FT = 20%

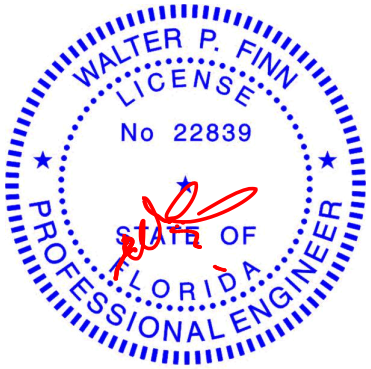
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
5-14: 2x8 SP 2400F 2.0E

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 4-14

REACTIONS. (size) 1=0-5-8, 14=0-5-8 (req. 0-6-6), 9=0-3-8
Max Horz 1=330(LC 5)
Max Uplift 1=-1110(LC 8), 14=-4670(LC 8), 9=-870(LC 9)
Max Grav 1=3116(LC 19), 14=10805(LC 1), 9=1223(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4407/1526, 2-3=-2554/814, 4-5=-1088/2745, 5-6=-1064/2746, 6-7=-625/1809, 7-8=-143/873, 8-9=-977/840
BOT CHORD 1-18=-1459/3745, 17-18=-1459/3745, 15-17=-809/2183, 14-15=-153/510, 13-14=-1542/773, 11-13=-683/93, 10-11=-679/814, 9-10=-679/814
WEBS 6-14=-1786/1227, 6-13=-1148/1807, 7-13=-1870/1201, 7-11=-1143/1944, 8-11=-1292/825, 8-10=-631/1091, 4-14=-4792/2029, 4-15=-2071/5265, 3-15=-3543/1545, 3-17=-1543/3885, 2-17=-1909/893, 2-18=-672/1796, 5-14=-2927/1195

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-7-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x8 - 2 rows staggered at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60
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.
9) WARNING: Required bearing size at joint(s) 14 greater than input bearing size.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1110, 14=4670, 9=870.



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Continued on page 2

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NOTES-

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 853 lb down and 349 lb up at 2-0-12, 853 lb down and 349 lb up at 4-0-12, 853 lb down and 349 lb up at 6-0-12, 982 lb down and 418 lb up at 8-0-12, 1307 lb down and 514 lb up at 10-0-12, 1307 lb down and 514 lb up at 12-0-12, 1307 lb down and 514 lb up at 14-0-12, 1307 lb down and 514 lb up at 16-0-12, 490 lb down and 241 lb up at 20-0-12, 285 lb down and 202 lb up at 22-0-12, 285 lb down and 202 lb up at 24-0-12, 426 lb down and 280 lb up at 25-0-12, 425 lb down and 283 lb up at 27-0-12, 425 lb down and 283 lb up at 29-0-12, 425 lb down and 283 lb up at 31-0-12, and 425 lb down and 283 lb up at 33-0-12, and 431 lb down and 278 lb up at 35-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

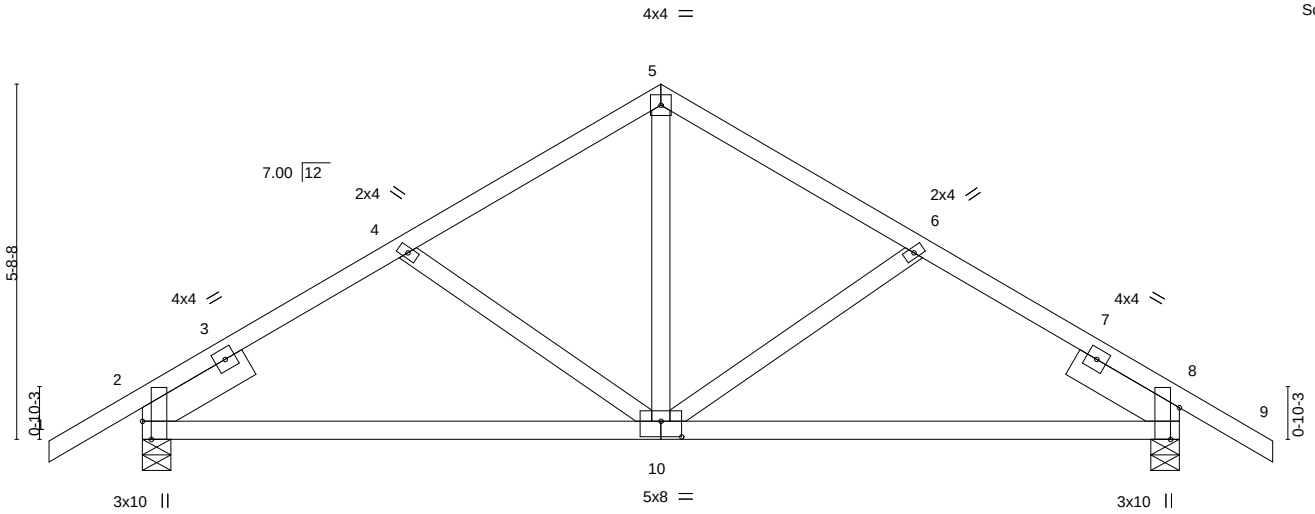
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-9=-54, 19-22=-20
   Concentrated Loads (lb)
   Vert: 16=-1307(B) 13=-285(B) 10=-425(B) 24=-431(B) 25=-853(B) 26=-853(B) 27=-853(B) 28=-982(B) 29=-1307(B) 30=-1307(B) 31=-1307(B) 32=-490(B) 33=-285(B) 34=-426(B) 35=-425(B) 36=-425(B) 37=-425(B)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T22	Common	2	1	T21409798
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:17 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-N7TihmHXk6uE9rC6KFacKtE0clRdmEcvuWV0WSya60O

-1-6-0	4-3-3	8-4-0	12-4-13	16-8-0	18-2-0
1-6-0	4-3-3	4-0-13	4-0-13	4-3-3	1-6-0

Scale = 1:37.0



8-4-0	16-8-0
8-4-0	8-4-0

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [8:0-6-2,Edge], [10:0-4-0,0-3-0]

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	0.18	Vert(LL)	-0.06	10-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.12	10-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 90 lb	FT = 20%

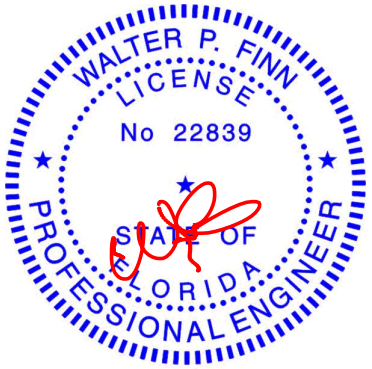
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

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. (size) 2=0-5-8, 8=0-5-8
Max Horz 2=-183(LC 10)
Max Uplift 2=-284(LC 12), 8=-284(LC 13)
Max Grav 2=698(LC 1), 8=698(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-773/385, 4-5=-659/325, 5-6=-658/324, 6-8=-773/385
BOT CHORD 2-10=-279/687, 8-10=-219/642
WEBS 5-10=-155/430

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 2=284, 8=284.



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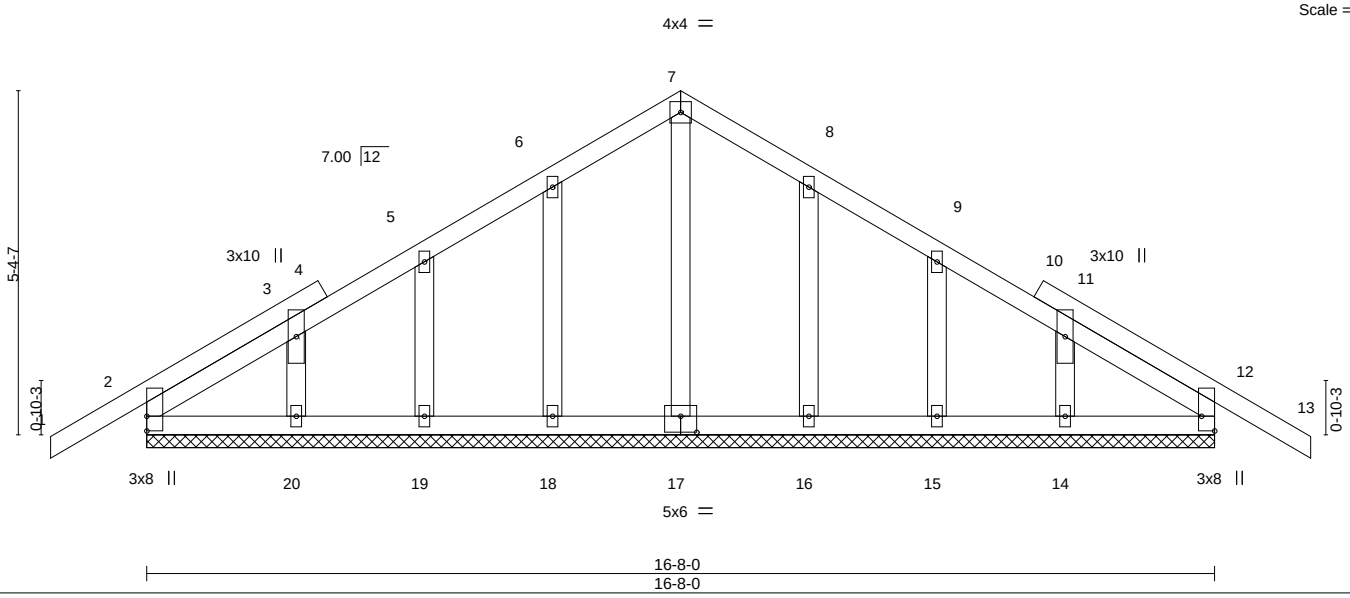
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T22G	Common Supported Gable	1	1	T21409799 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:18 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-rK14u6lAUQ05n?nIuz5rs5nCF9vPVjO36AFa2uya60N

-1-6-0 | 8-4-0 | 16-8-0 | 18-2-0
1-6-0 | 8-4-0 | 8-4-0 | 1-6-0

Scale = 1:36.0



16-8-0
16-8-0

Plate Offsets (X,Y)-- [12:Edge,0-2-7], [17:0-3-0,0-3-0]

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	0.12	Vert(LL)	-0.01	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.01	13	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 98 lb	FT = 20%

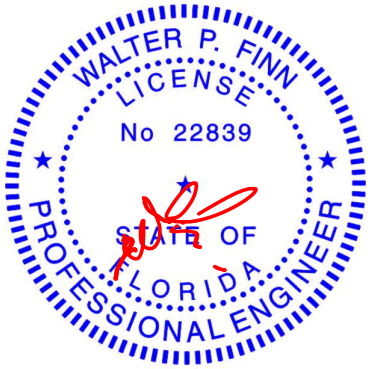
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 16-8-0.
(lb) - Max Horz 2=-172(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 12, 19, 15 except 18=-111(LC 12), 20=-126(LC 12), 16=-109(LC 13), 14=-119(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 12, 17, 18, 19, 20, 16, 15, 14

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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) 2, 12, 19, 15 except (jt=lb) 18=111, 20=126, 16=109, 14=119.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

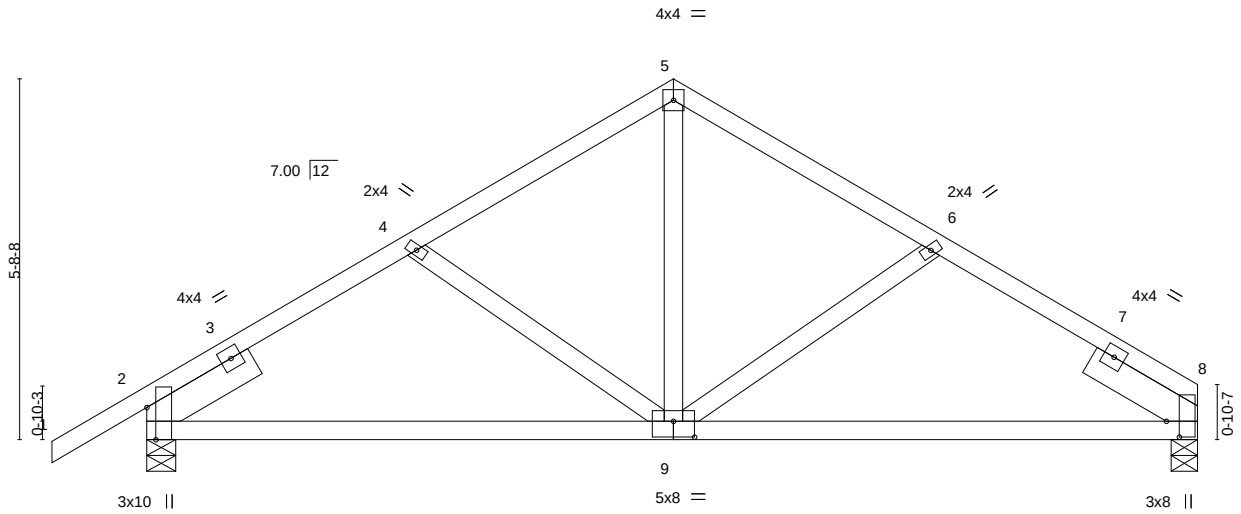
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T23	Common	4	1	T21409800
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:19 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-KWbS6SIoFj8yP9MVSgc4PIJM5Z76E85CLq_7bLya60M

-1-6-0	4-3-3	8-4-0	12-4-14	16-7-8
1-6-0	4-3-3	4-0-13	4-0-14	4-2-10

Scale = 1:36.5



8-4-0	16-7-8
8-4-0	8-3-8

Plate Offsets (X,Y)-- [2:0-6-2,Edge], [8:0-3-0,0-2-7], [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	0.18	Vert(LL)	-0.06	9-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.12	9-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 87 lb	FT = 20%

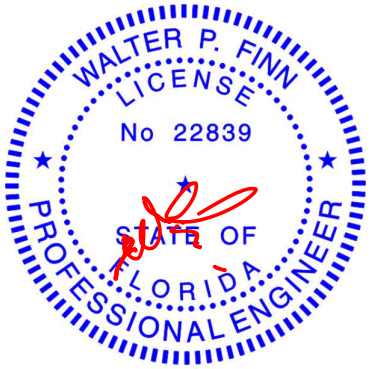
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

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. (size) 8=0-5-0, 2=0-5-8
Max Horz 2=173(LC 9)
Max Uplift 8=-230(LC 13), 2=-284(LC 12)
Max Grav 8=611(LC 1), 2=700(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-773/391, 4-5=-661/331, 5-6=-660/331, 6-8=-776/394
BOT CHORD 2-9=-299/674, 8-9=-264/639
WEBS 5-9=-163/433

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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=230, 2=284.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409801
2465502	T24	Common Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:20 2020 Page 1
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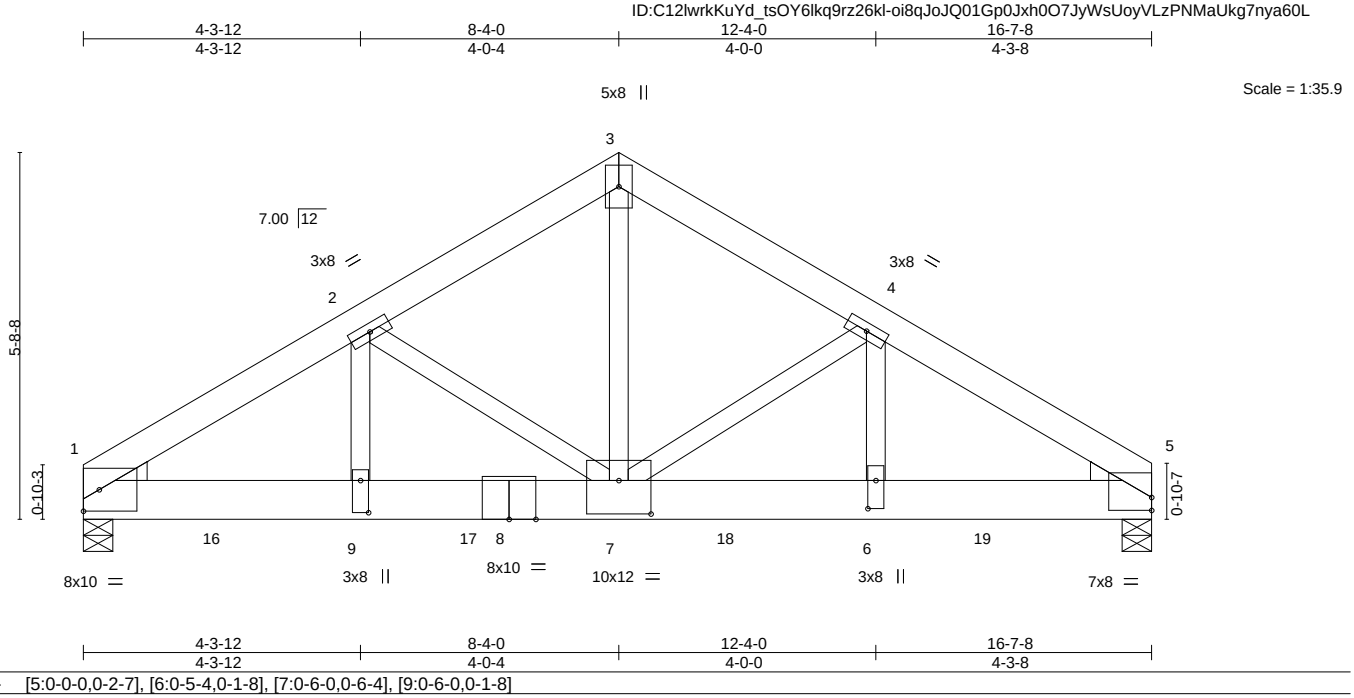


Plate Offsets (X,Y)-- [5:0-0-0,0-2-7], [6:0-5-4,0-1-8], [7:0-6-0,0-6-4], [9:0-6-0,0-1-8]

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	0.37	Vert(LL)	0.10	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.17	7-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.92	Horz(CT)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 126 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
3-7: 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

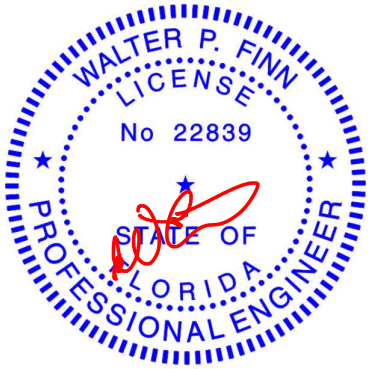
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-2-2 oc bracing.

REACTIONS. (size) 1=0-5-8, 5=0-5-8
Max Horz 1=155(LC 24)
Max Uplift 1=-1607(LC 8), 5=-1893(LC 9)
Max Grav 1=3963(LC 1), 5=4675(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-5844/2360, 2-3=-4405/1828, 3-4=-4404/1829, 4-5=-5866/2369
BOT CHORD 1-9=-2059/4968, 7-9=-2059/4968, 6-7=-1963/4988, 5-6=-1963/4988
WEBS 2-9=-565/1453, 2-7=-1449/702, 3-7=-1663/4070, 4-7=-1479/715, 4-6=-581/1486

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; 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) 1=1607, 5=1893.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 936 lb down and 398 lb up at 2-0-12, 936 lb down and 398 lb up at 4-0-12, 936 lb down and 398 lb up at 6-0-12, 936 lb down and 398 lb up at 8-0-12, 936 lb down and 398 lb up at 10-0-12, 936 lb down and 398 lb up at 12-0-12, and 893 lb down and 379 lb up at 14-0-12, and 898 lb down and 375 lb up at 16-0-12 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: 1-3=-54, 3-5=-54, 10-13=-20
Concentrated Loads (lb)
Vert: 9=-936(F) 7=-936(F) 6=-936(F) 15=-898(F) 16=-936(F) 17=-936(F) 18=-936(F) 19=-893(F)



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T25	Common	4	1	T21409802
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:21 2020 Page 1
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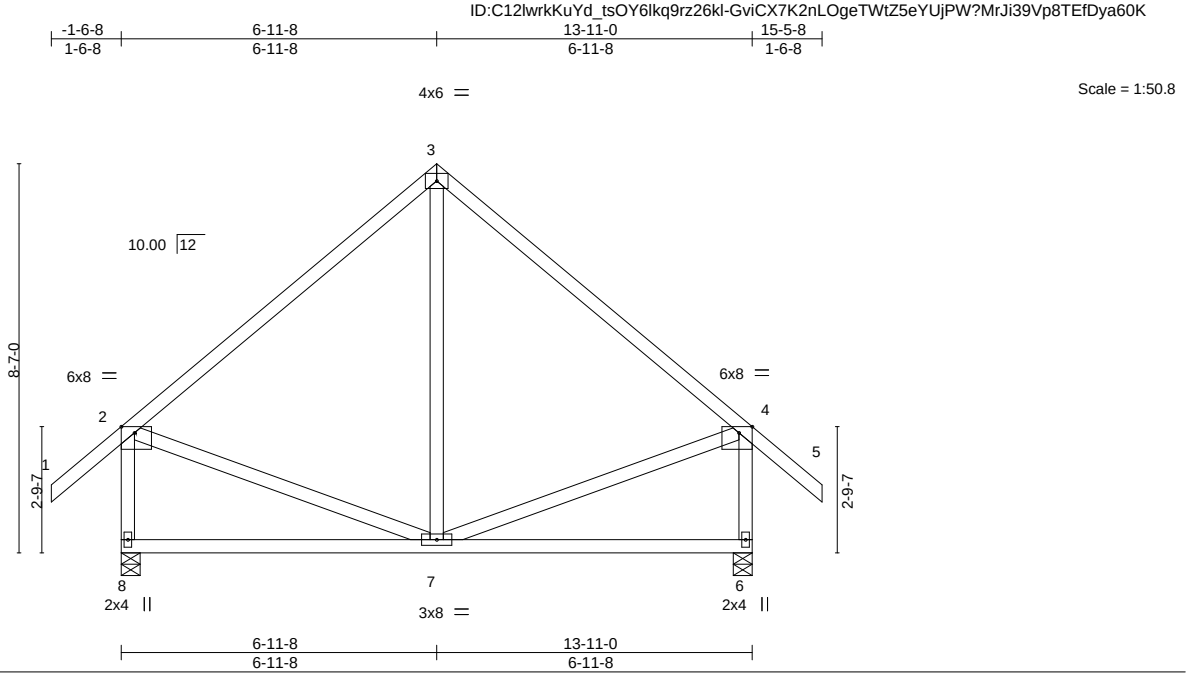


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-8,Edge]

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	0.92	Vert(LL)	-0.05	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.09	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 94 lb	FT = 20%

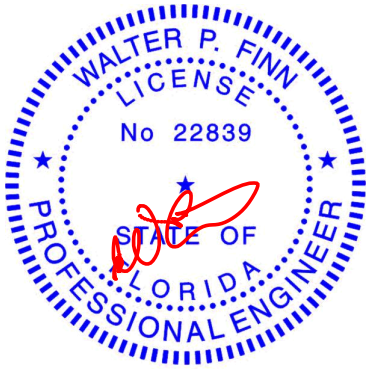
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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.

REACTIONS. (size) 8=0-5-0, 6=0-5-0
Max Horz 8=-345(LC 10)
Max Uplift 8=-222(LC 12), 6=-222(LC 13)
Max Grav 8=595(LC 1), 6=595(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-418/247, 3-4=-418/247, 2-8=-535/370, 4-6=-535/370
BOT CHORD 7-8=-329/364
WEBS 2-7=-115/287, 4-7=-116/288

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=222, 6=222.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T25G	GABLE	1	1	T21409803
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:22 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-k5GbkTLgYeWXGc537pAn1xxsfmFvRVJe1oDnBfya60J

-1-6-8 1-6-8 | 6-11-8 6-11-8 | 13-11-0 6-11-8 | 15-5-8 1-6-8

Scale = 1:52.3

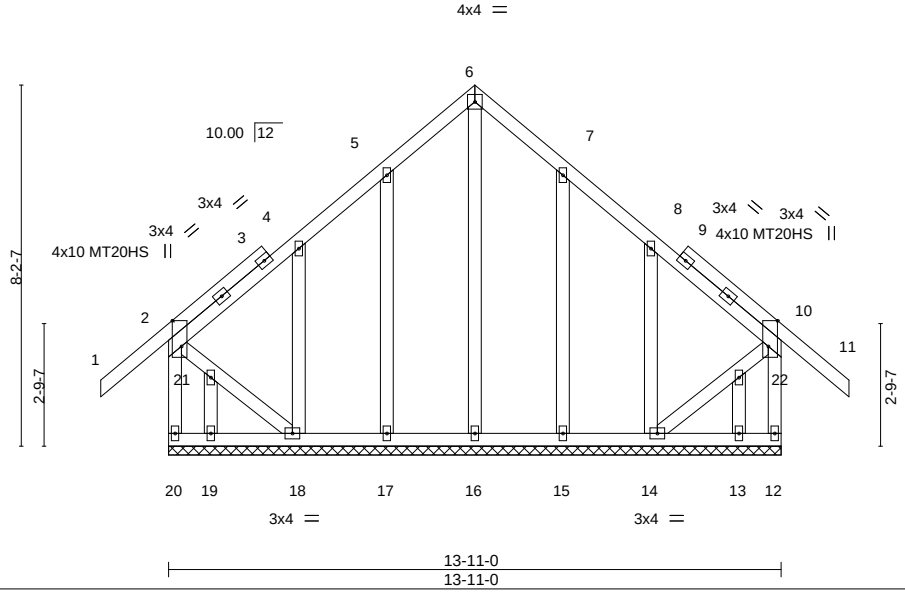


Plate Offsets (X,Y)-- [2:0-7-0,Edge], [10:0-7-0,Edge]

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	0.22	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	11	n/r	120	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 125 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

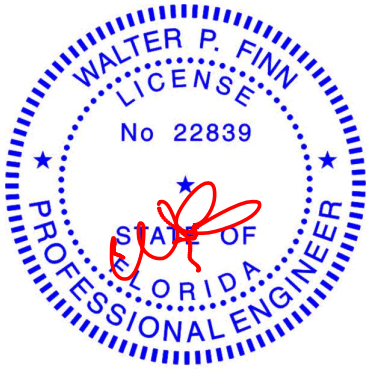
BRACING-

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. All bearings 13-11-0.
(lb) - Max Horz 20=-323(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 12, 19, 13 except 20=-141(LC 8), 17=-142(LC 12), 18=-282(LC 12), 15=-142(LC 13), 14=-279(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 20, 12, 16, 17, 19, 15, 13 except 18=267(LC 19), 14=250(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 19-20=-307/281, 18-19=-307/281
WEBS 2-21=-237/260, 18-21=-230/253

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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) 12, 19, 13 except (jt=lb) 20=141, 17=142, 18=282, 15=142, 14=279.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T26	Common	1	1	T21409804
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:23 2020 Page 1
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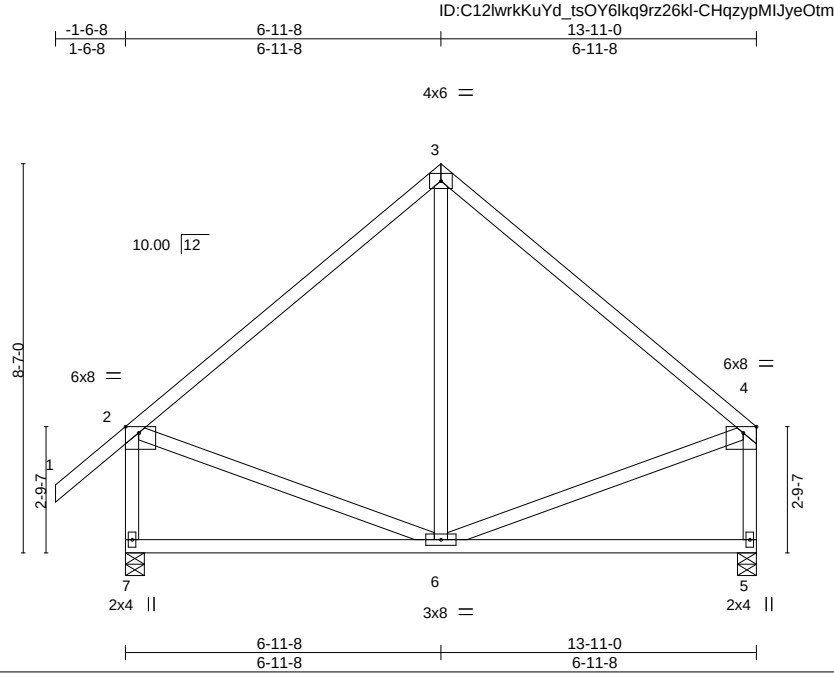


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-8,Edge]

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	0.90	Vert(LL)	-0.05	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.09	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 91 lb	FT = 20%

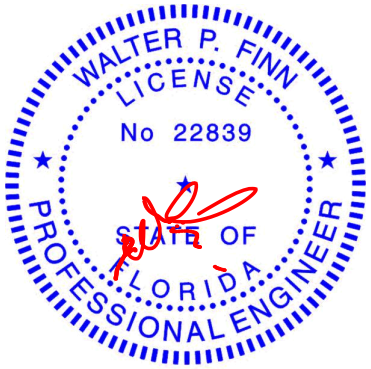
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 7=0-5-0, 5=0-5-0
Max Horz 7=330(LC 9)
Max Uplift 7=-219(LC 12), 5=-174(LC 12)
Max Grav 7=601(LC 1), 5=498(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-424/243, 3-4=-417/232, 2-7=-541/366, 4-5=-460/268
BOT CHORD 6-7=-340/335
WEBS 2-6=-115/295, 4-6=-117/273

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=219, 5=174.



Walter P. Finn PE No.22839
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6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T27	COMMON GIRDER	1	1	T21409805
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:25 2020 Page 1
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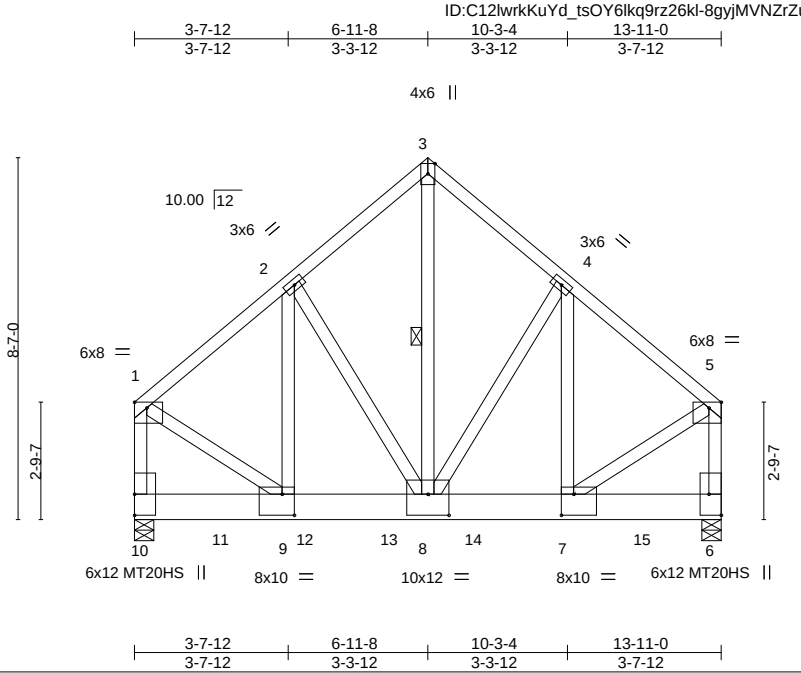


Plate Offsets (X,Y)-- [1:Edge,0-1-10], [5:0-3-8,Edge], [6:Edge,0-3-8], [7:0-3-8,0-6-0], [8:0-6-0,0-6-0], [9:0-3-8,0-6-0]

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	0.95	Vert(LL)	0.06	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.10	8-9	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 131 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
3-8,1-9,5-7: 2x4 SP No.2

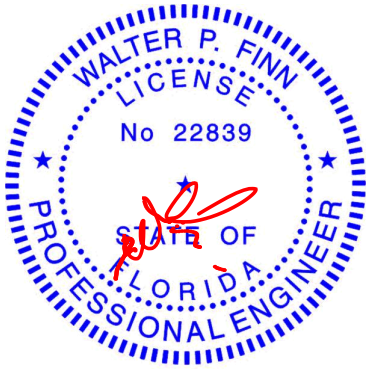
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 3-8

REACTIONS. (size) 10=0-5-8, 6=0-5-8
Max Horz 10=-293(LC 6)
Max Uplift 10=-1485(LC 9), 6=-1353(LC 8)
Max Grav 10=4140(LC 1), 6=3642(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3062/1147, 2-3=-2591/1064, 3-4=-2591/1064, 4-5=-2751/1058, 1-10=-3574/1303, 5-6=-3214/1201
BOT CHORD 9-10=-290/287, 8-9=-928/2304, 7-8=-747/2065
WEBS 3-8=-1237/3054, 4-8=-291/260, 2-8=-693/388, 2-9=-334/760, 1-9=-953/2737, 5-7=-873/2455

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=1485, 6=1353.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1307 lb down and 482 lb up at 2-0-12, 1307 lb down and 482 lb up at 4-0-12, 1307 lb down and 482 lb up at 6-0-12, 1307 lb down and 482 lb up at 8-0-12, and 774 lb down and 328 lb up at 10-0-12, and 774 lb down and 328 lb up at 12-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) 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: 1-3=-54, 3-5=-54, 6-10=-20
Concentrated Loads (lb)
Vert: 7=-774(F) 11=-1307(F) 12=-1307(F) 13=-1307(F) 14=-1307(F) 15=-774(F)



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T28	Common	3	1	T21409806
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:25 2020 Page 1
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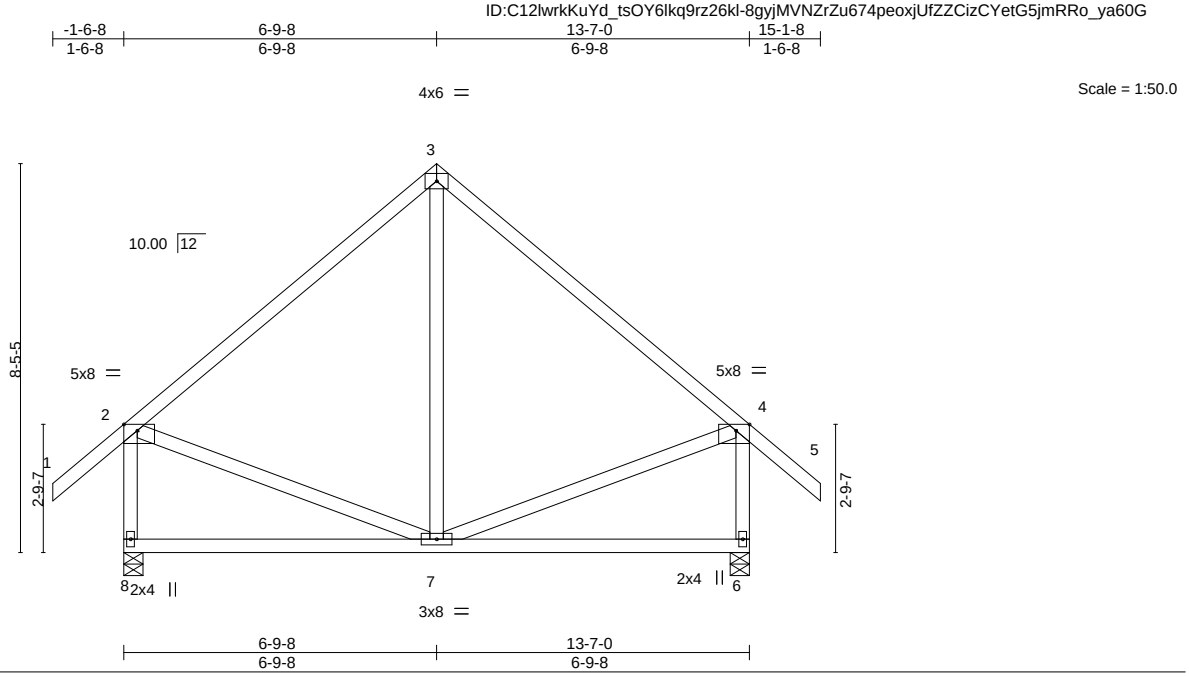


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-8,Edge]

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	0.88	Vert(LL)	-0.04	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.08	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 92 lb	FT = 20%

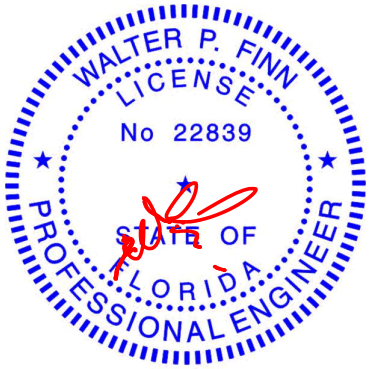
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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. (size) 8=0-5-0, 6=0-5-0
Max Horz 8=-341(LC 10)
Max Uplift 8=-217(LC 12), 6=-217(LC 13)
Max Grav 8=583(LC 1), 6=583(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-405/243, 3-4=-405/243, 2-8=-524/366, 4-6=-524/366
BOT CHORD 7-8=-324/355
WEBS 2-7=-112/281, 4-7=-113/282

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=217, 6=217.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T28G	GABLE	1	1	T21409807
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:27 2020 Page 1
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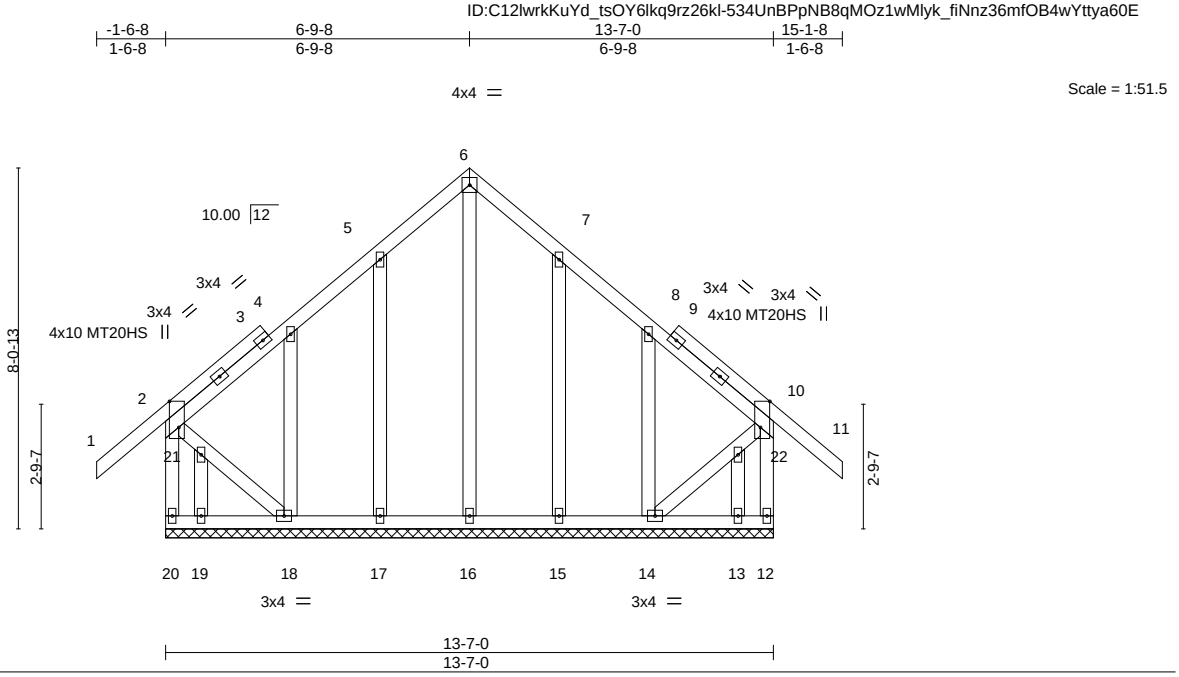


Plate Offsets (X,Y)-- [2:0-7-0,Edge], [10:0-7-0,Edge]

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	0.22	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	11	n/r	120	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 122 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-

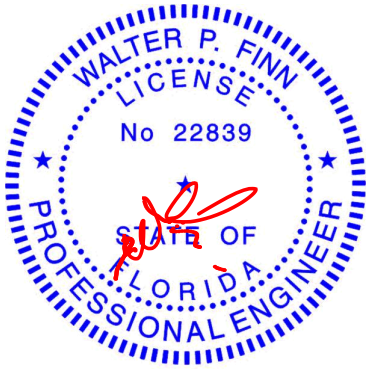
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 13-7-0.
(lb) - Max Horz 20=-318(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 12, 19, 13 except 20=-149(LC 8), 17=-144(LC 12), 18=-276(LC 12), 15=-144(LC 13), 14=-272(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 20, 12, 16, 17, 19, 15, 14, 13 except 18=262(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 19-20=-302/276, 18-19=-302/276
WEBS 2-21=-238/260, 18-21=-229/252

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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) 12, 19, 13 except (jt=lb) 20=149, 17=144, 18=276, 15=144, 14=272.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T29	Common Girder	1	1	T21409808
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:28 2020 Page 1
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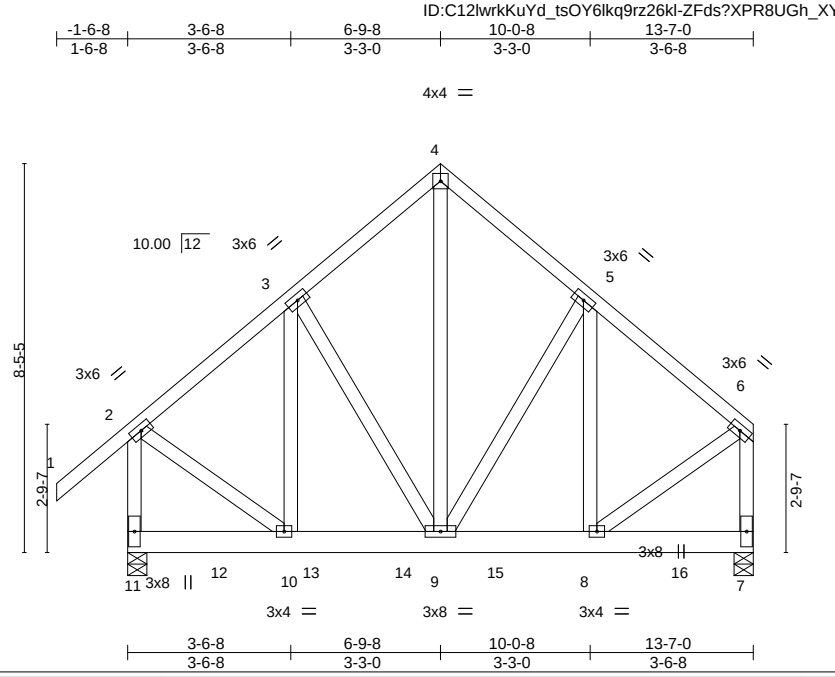


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	-0.02	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.03	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 123 lb	FT = 20%

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

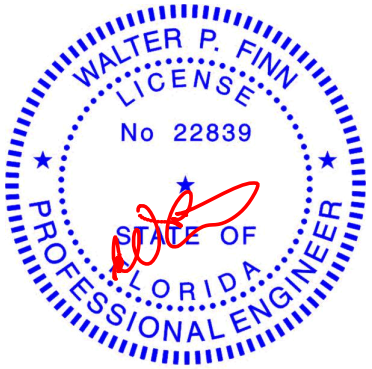
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 10-11.

REACTIONS. (size) 11=0-5-0, 7=0-5-0
Max Horz 11=322(LC 5)
Max Uplift 11=-702(LC 8), 7=-692(LC 8)
Max Grav 11=1365(LC 1), 7=1318(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-942/545, 3-4=-818/550, 4-5=-820/553, 5-6=-950/542, 2-11=-1241/649, 6-7=-1144/612
BOT CHORD 10-11=-305/271, 9-10=-466/673, 8-9=-355/688
WEBS 4-9=-585/804, 5-9=-246/255, 3-9=-231/253, 2-10=-374/822, 6-8=-406/822

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; 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) 11=702, 7=692.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 268 lb down and 182 lb up at 2-0-4, 268 lb down and 182 lb up at 4-0-4, 268 lb down and 182 lb up at 6-0-4, 268 lb down and 182 lb up at 8-0-4, and 268 lb down and 182 lb up at 10-0-4, and 268 lb down and 182 lb up at 12-0-4 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: 1-2=-54, 2-4=-54, 4-6=-54, 7-11=-20
Concentrated Loads (lb)
Vert: 8=-268(B) 12=-268(B) 13=-268(B) 14=-268(B) 15=-268(B) 16=-268(B)



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES. T21409809
2465502	T30	Common	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:29 2020 Page 1
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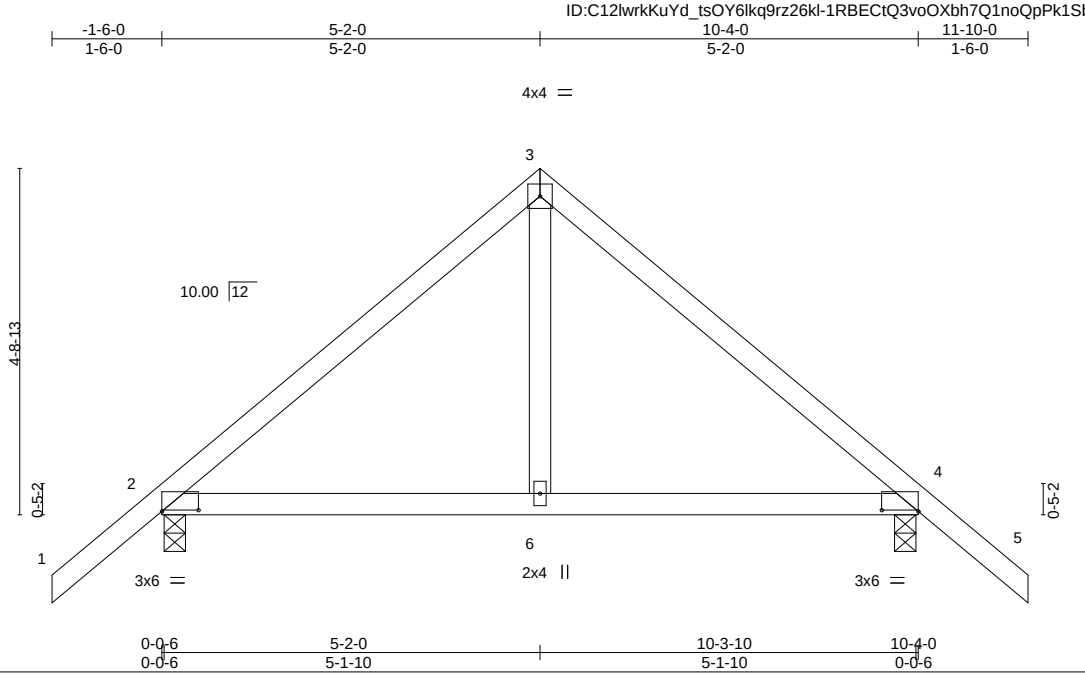


Plate Offsets (X,Y)-- [2:0-6-0,0-0-4], [4:0-6-0,0-0-4]

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	0.32	Vert(LL)	0.03	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.05	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 48 lb	FT = 20%

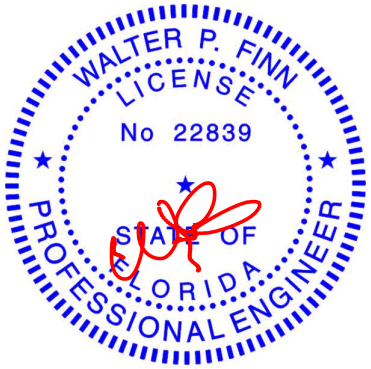
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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. (size) 2=0-3-8, 4=0-3-8
Max Horz 2=-177(LC 10)
Max Uplift 2=-190(LC 12), 4=-190(LC 13)
Max Grav 2=463(LC 1), 4=463(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-404/181, 3-4=-404/181
BOT CHORD 2-6=-24/289, 4-6=-24/289

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 2=190, 4=190.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	T30G	GABLE	1	1	T21409810
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:30 2020 Page 1
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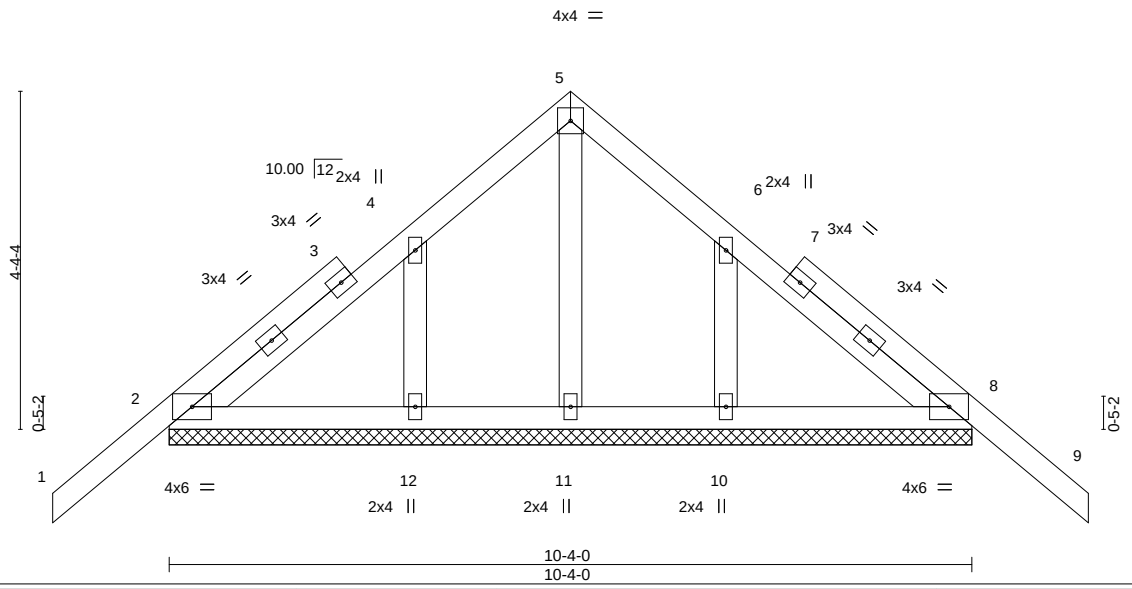


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.20	Vert(LL)	-0.01	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 61 lb	FT = 20%

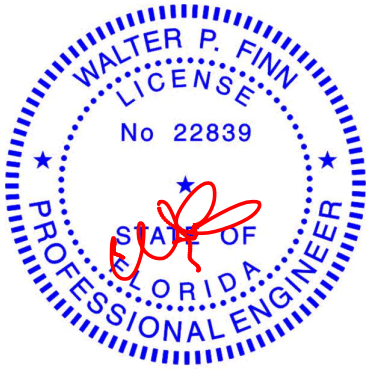
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 10-4-0.
(lb) - Max Horz 2=-165(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 12=-164(LC 12), 10=-166(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 11, 12, 10

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-12=-252/186, 6-10=-250/186

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8 except (jt=lb) 12=164, 10=166.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	TG01	Roof Special Girder	1	2	T21409811

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:31 2020 Page 1
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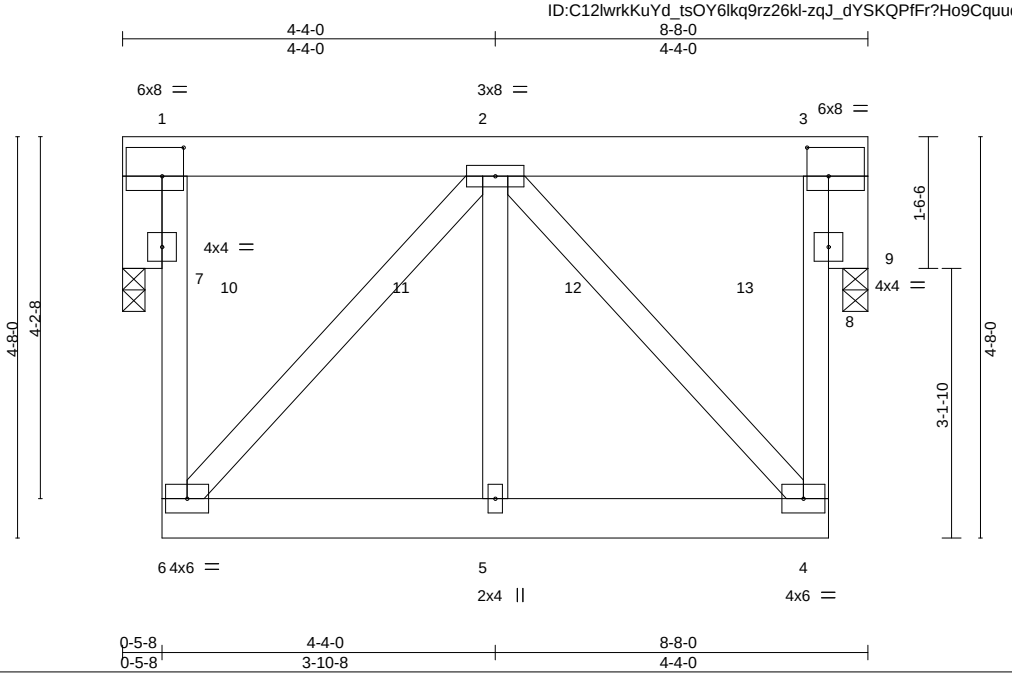


Plate Offsets (X,Y)-- [1:0-3-0,0-4-0], [3:0-3-0,0-4-0]

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	0.77	Vert(LL)	0.02	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.03	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.18	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 150 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
1-6: 2x4 SP No.3
WEBS 2x4 SP No.3
OTHERS 2x6 SP No.2

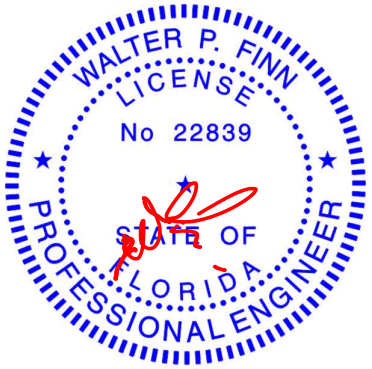
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=0-3-2, 9=0-3-8
Max Uplift 7=-770(LC 4), 9=-685(LC 4)
Max Grav 7=1536(LC 1), 9=1369(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-8=-593/1198, 3-8=-593/1198
BOT CHORD 6-7=-639/1287, 5-6=-404/808, 4-5=-404/808
WEBS 2-6=-1161/581, 2-5=-461/953, 2-4=-1011/506, 3-9=-1427/714

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
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) Bearing at joint(s) 7, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=770, 9=685.
10) Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 8-2-8
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 415 lb down and 244 lb up at 1-4-0, 415 lb down and 244 lb up at 3-4-0, and 415 lb down and 244 lb up at 5-4-0, and 418 lb down and 241 lb up at 7-4-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-147(B=-93), 4-6=-20
   Concentrated Loads (lb)
   Vert: 10=-415(F) 11=-415(F) 12=-415(F) 13=-418(F)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	TG02	FLAT GIRDER	1	2	T21409812

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:32 2020 Page 1
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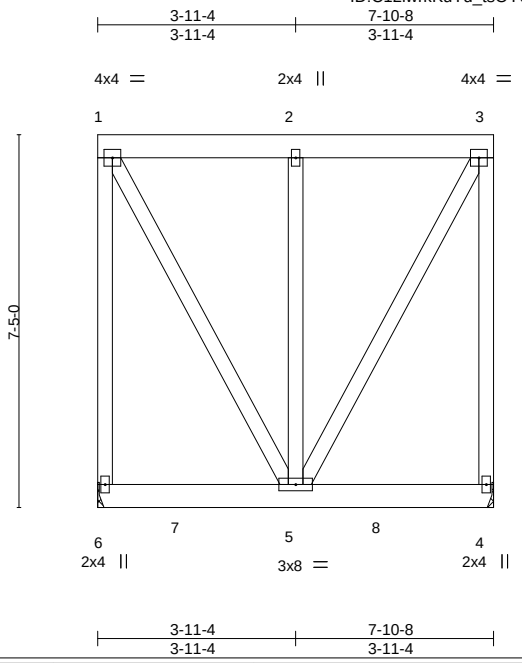


Scale = 1:45.8

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)	0.01	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.14	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 175 lb	FT = 20%

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

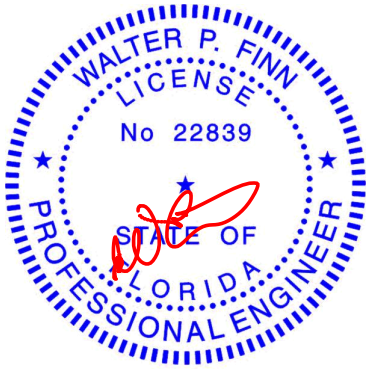
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=Mechanical, 4=Mechanical
Max Uplift 6=-782(LC 4), 4=-1056(LC 4)
Max Grav 6=928(LC 29), 4=1132(LC 29)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-778/632, 1-2=-315/278, 2-3=-315/278, 3-4=-778/632
WEBS 1-5=-572/647, 2-5=-647/363, 3-5=-573/647

NOTES-
1) 2-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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=782, 4=1056.
9) Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 8-1-12
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 248 lb down and 338 lb up at 1-8-0, 248 lb down and 338 lb up at 3-8-0, and 248 lb down and 338 lb up at 5-8-0, and 250 lb down and 328 lb up at 7-8-12 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: 1-3=-147(F=-93), 4-6=-20
Concentrated Loads (lb)
Vert: 4=-133(F) 5=-123(F) 7=-123(F) 8=-123(F)



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	TG03	Roof Special Girder	1	2	T21409813

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:33 2020 Page 1
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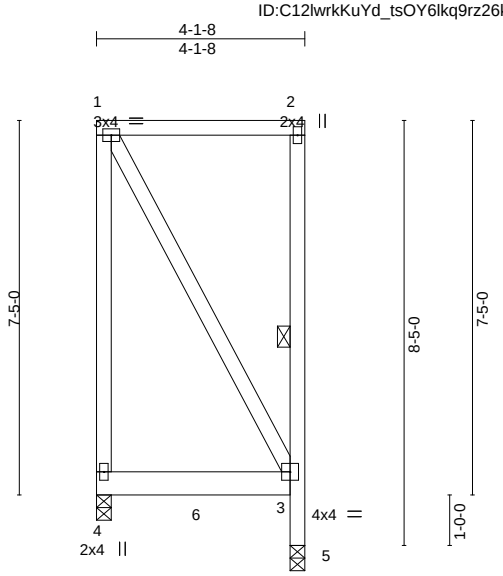


Scale = 1:45.6

VERTICAL LEGS ARE NOT DESIGNED FOR LATERAL LOADS IMPOSED BY SUPPORTS (BEARINGS).

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)	0.02	3-4	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	-0.02	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 97 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
2-5: 2x4 SP No.2

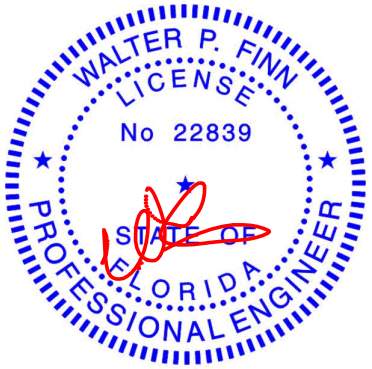
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-5

REACTIONS. (size) 4=0-3-8, 5=0-3-8
Max Uplift 4=-349(LC 4), 5=-360(LC 4)
Max Grav 4=379(LC 1), 5=388(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-388/360

NOTES-
1) 2-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 0-9-0 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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
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) 5 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) 4=349, 5=360.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 554 lb down and 588 lb up at 2-1-3 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: 1-2=-54, 3-4=-20
Concentrated Loads (lb)
Vert: 6=-483(B)



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.	
2465502	TG04	FLAT GIRDER	1	2	Job Reference (optional)	T21409814

Builders FirstSource, Lake City, FL 32055 — 8.240 s Apr 4 2020 MiTek Industries, Inc. Fri Sep 25 12:40:38 2020 Page 1

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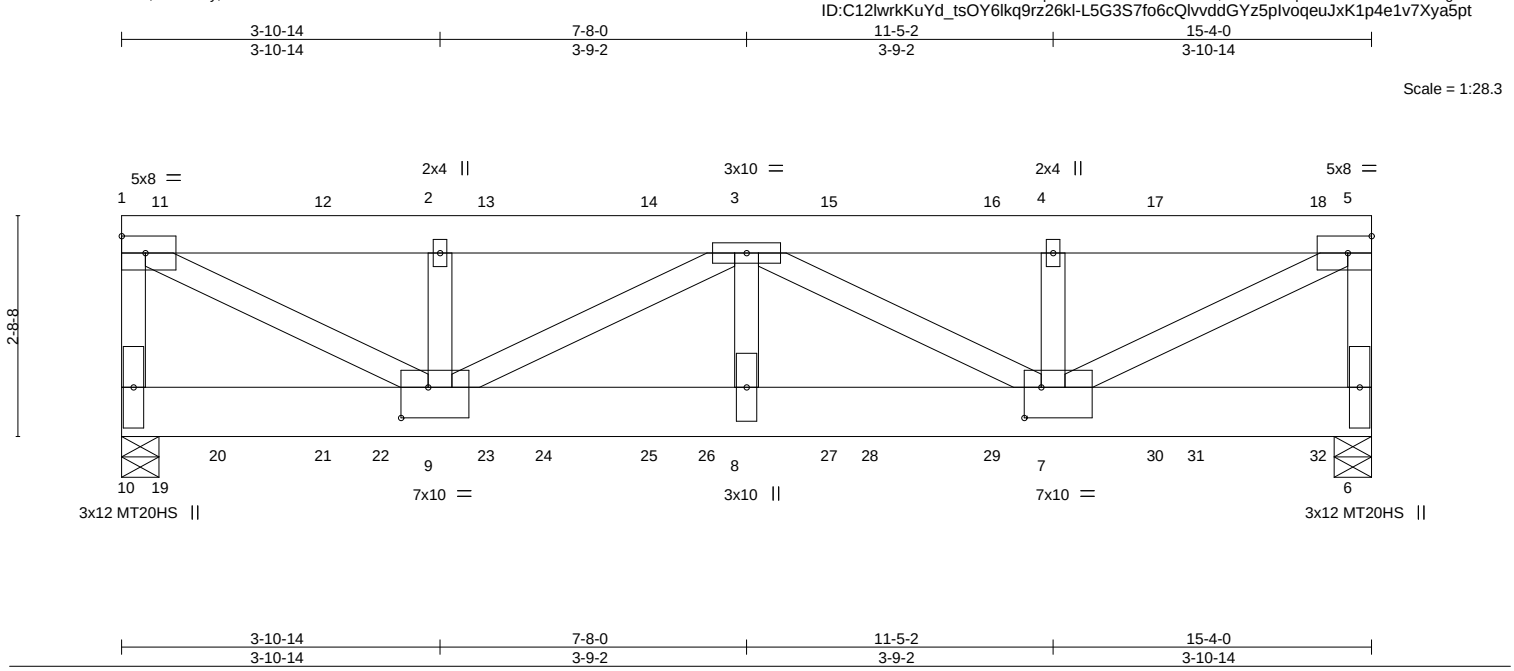


Plate Offsets (X,Y)-- [7:0-2-8,0-4-8], [9:0-4-0,0-4-8]

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	0.54	Vert(LL)	-0.09	8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.16	8	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.85	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 236 lb	FT = 20%

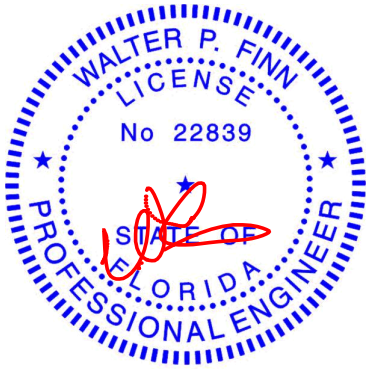
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
1-9,3-9,3-7,5-7: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 10=5147/0-5-8, 6=4784/0-5-8
Max Uplift 10=-2003(LC 4), 6=-1871(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=-4029/1579, 1-11=-6666/2559, 11-12=-6666/2559, 2-12=-6666/2559, 2-13=-6666/2559, 13-14=-6666/2559, 3-14=-6666/2559, 3-15=-6652/2554, 15-16=-6652/2554, 4-16=-6652/2554, 4-17=-6652/2554, 17-18=-6652/2554, 5-18=-6652/2554, 5-6=-4022/1579
BOT CHORD 9-23=-3421/8903, 23-24=-3421/8903, 24-25=-3421/8903, 25-26=-3421/8903, 8-26=-3421/8903, 8-27=-3421/8903, 27-28=-3421/8903, 28-29=-3421/8903, 7-29=-3421/8903
WEBS 1-9=-2882/7514, 2-9=-263/188, 3-9=-2585/996, 3-8=-840/2372, 3-7=-2602/1002, 4-7=-265/189, 5-7=-2878/7504

NOTES-
1) 2-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 - 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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2003 lb uplift at joint 10 and 1871 lb uplift at joint 6.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 25,2020

Continued on page 2

NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3 lb down and 12 lb up at 0-6-12, 231 lb down and 109 lb up at 2-6-12, 13 lb up at 4-6-12, 13 lb up at 6-6-12, 13 lb up at 7-8-0, 13 lb up at 8-9-4, 13 lb up at 10-9-4, and 231 lb down and 109 lb up at 12-9-4, and 3 lb down and 15 lb up at 14-9-4 on top chord, and 41 lb down and 46 lb up at 0-6-12, 1209 lb down and 453 lb up at 1-3-4, 36 lb down and 39 lb up at 2-6-12, 1081 lb down and 393 lb up at 3-3-4, 36 lb down and 46 lb up at 4-6-12, 1149 lb down and 405 lb up at 5-3-4, 36 lb down and 46 lb up at 6-6-12, 1149 lb down and 405 lb up at 7-3-4, 36 lb down and 46 lb up at 7-8-0, 36 lb down and 46 lb up at 8-9-4, 1149 lb down and 405 lb up at 9-3-4, 36 lb down and 46 lb up at 10-9-4, 1149 lb down and 405 lb up at 11-3-4, 36 lb down and 39 lb up at 12-9-4, and 1170 lb down and 450 lb up at 13-3-4, and 41 lb down and 46 lb up at 14-9-4 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=-54, 6-10=-20
   Concentrated Loads (lb)
   Vert: 8=-36(F) 7=-1149(B) 11=-3(F) 12=-231(F) 17=-231(F) 18=-3(F) 19=-41(F) 20=-1171(B) 21=-36(F) 22=-1081(B) 23=-36(F) 24=-1149(B) 25=-36(F) 26=-1149(B) 27=-36(F) 28=-1149(B) 29=-36(F) 30=-36(F) 31=-1170(B) 32=-41(F)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V01	Valley	1	1	T21409815
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:36 2020 Page 1
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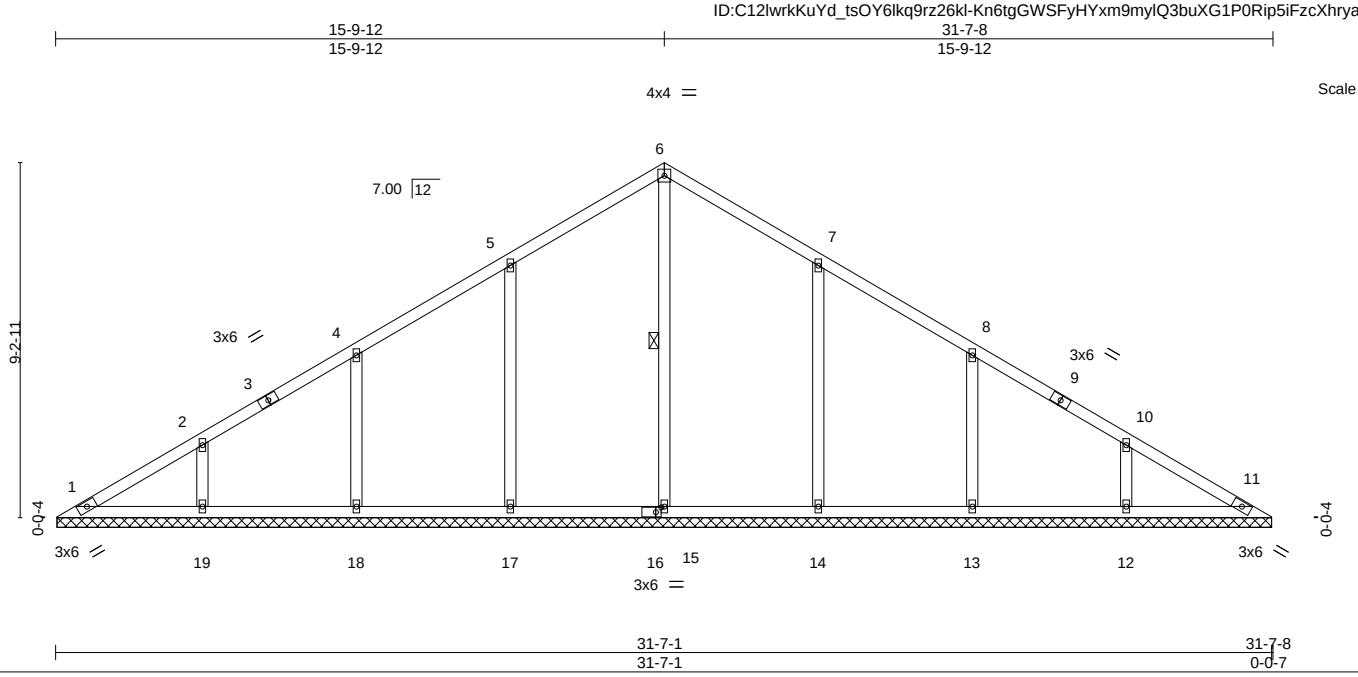


Plate Offsets (X,Y)-- [16:0-1-11,0-1-8]

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	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 148 lb	FT = 20%

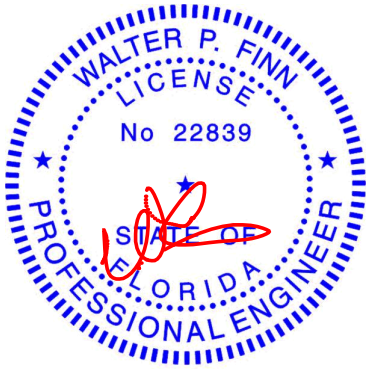
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 6-15

REACTIONS. All bearings 31-6-11.
(lb) - Max Horz 1=-284(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 11 except 17=-226(LC 12), 18=-205(LC 12), 19=-213(LC 12), 14=-225(LC 13), 13=-205(LC 13), 12=-212(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 11 except 15=390(LC 22), 17=476(LC 19), 18=383(LC 19), 19=325(LC 19), 14=476(LC 20), 13=383(LC 20), 12=325(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-242/271, 6-7=-242/267
WEBS 5-17=-279/249, 4-18=-263/231, 2-19=-264/230, 7-14=-279/249, 8-13=-263/231, 10-12=-264/230

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, 11 except (jt=lb) 17=226, 18=205, 19=213, 14=225, 13=205, 12=212.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V02	Valley	1	1	T21409816
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:37 2020 Page 1
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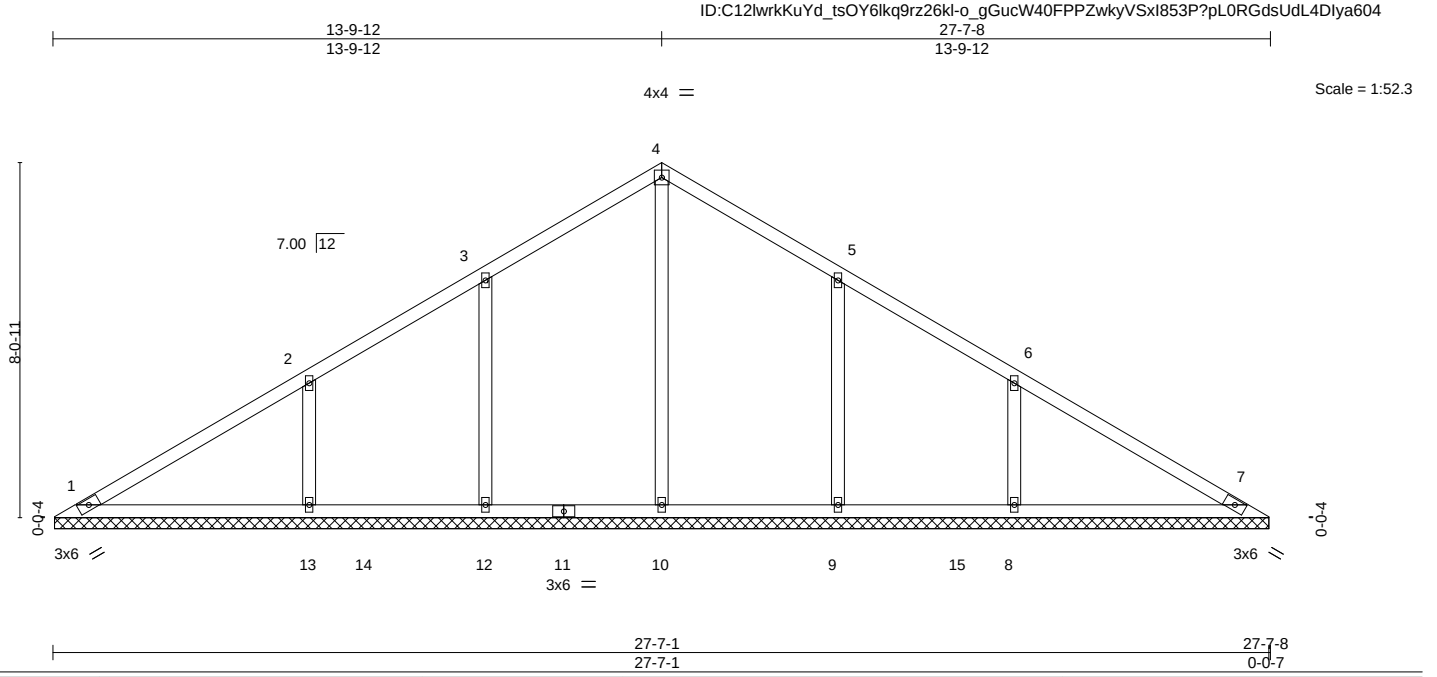


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 122 lb	FT = 20%

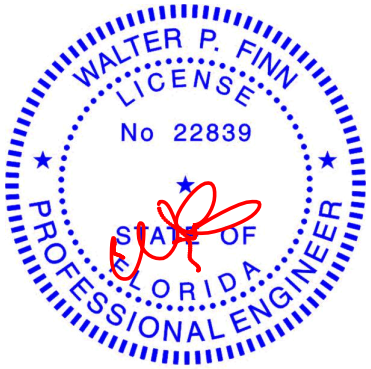
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 27-6-11.
(lb) - Max Horz 1=-247(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 12=-200(LC 12), 13=-286(LC 12), 9=-199(LC 13), 8=-286(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=390(LC 22), 12=428(LC 19), 13=472(LC 19), 9=427(LC 20), 8=472(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-250/226, 2-13=-352/303, 5-9=-250/226, 6-8=-352/303

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 except (jt=lb) 12=200, 13=286, 9=199, 8=286.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V03	Valley	1	1	T21409817
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:38 2020 Page 1
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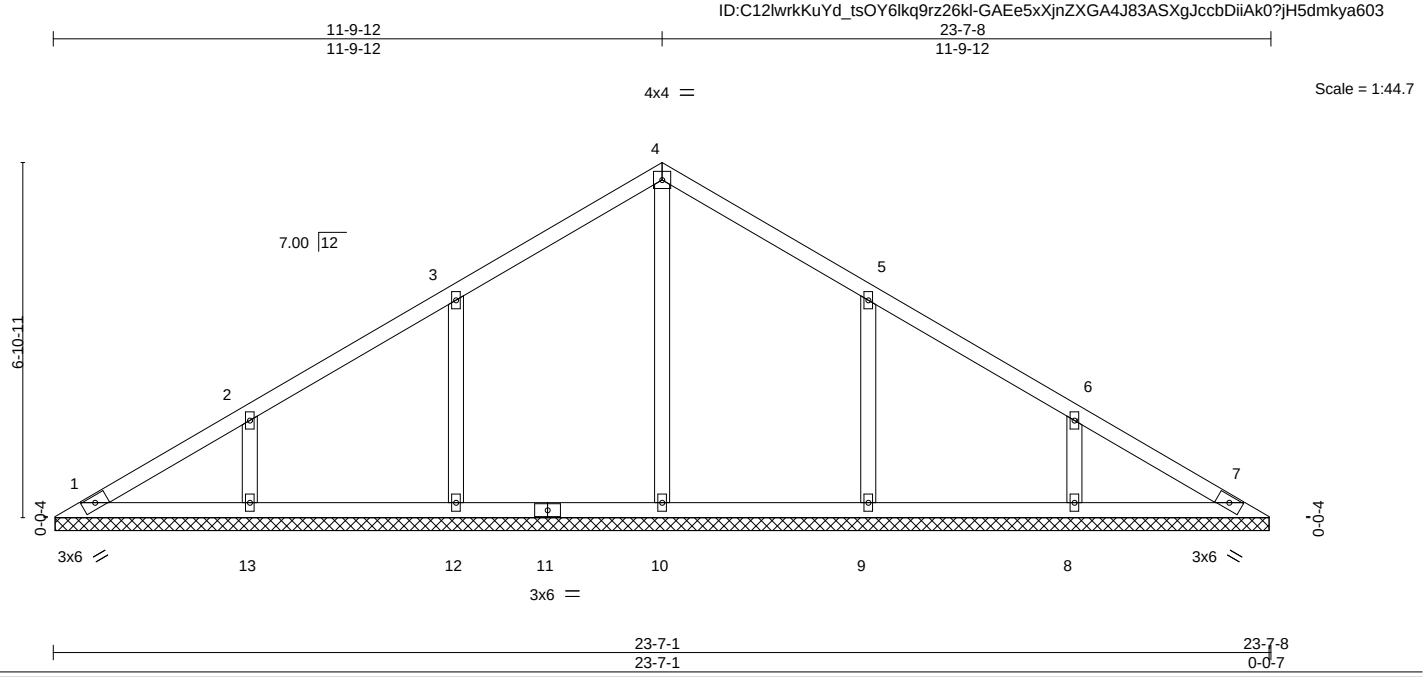


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 100 lb	FT = 20%

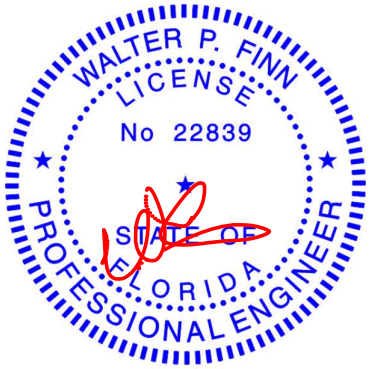
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 23-6-11.
(lb) - Max Horz 1=209(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 12=-226(LC 12), 13=-207(LC 12), 9=-226(LC 13), 8=-207(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=382(LC 19), 12=406(LC 19), 13=319(LC 19), 9=405(LC 20), 8=319(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-281/252, 2-13=-259/225, 5-9=-281/252, 6-8=-259/225

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 except (jt=lb) 12=226, 13=207, 9=226, 8=207.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V04	Valley	1	1	T21409818
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:39 2020 Page 1
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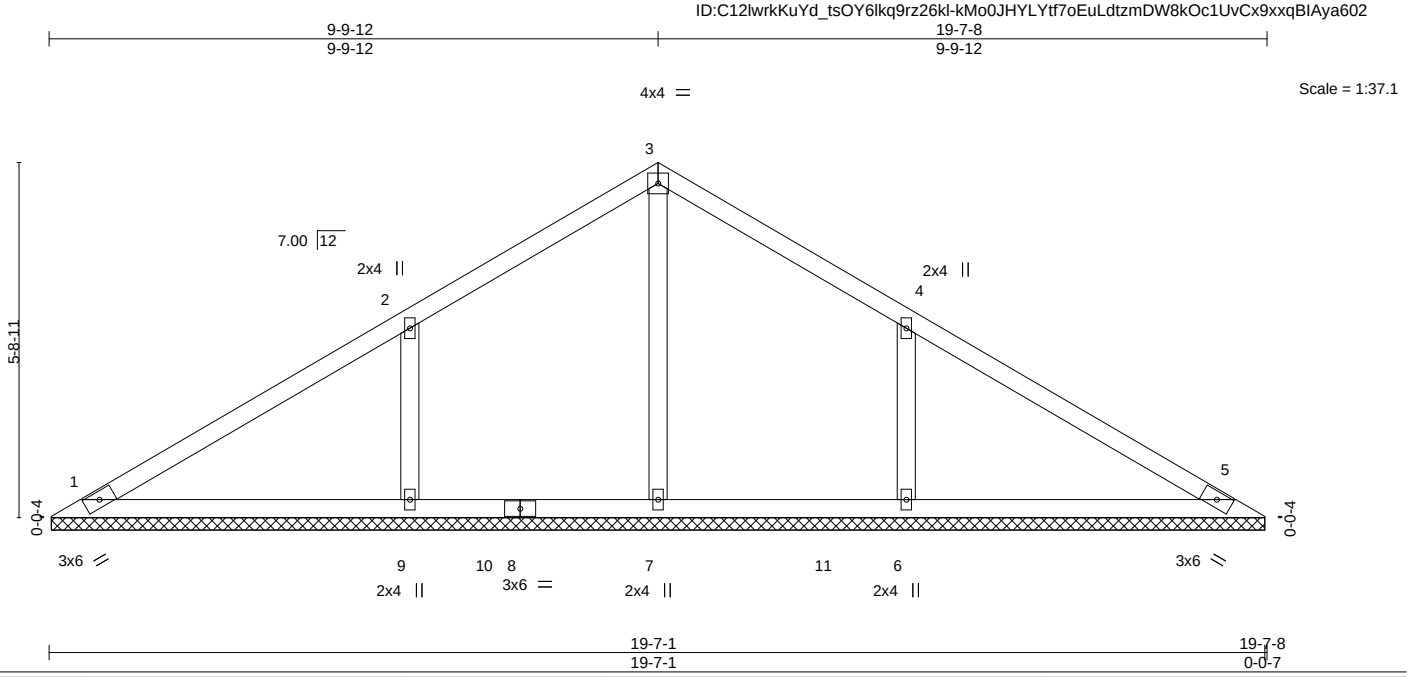


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.29	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 77 lb	FT = 20%

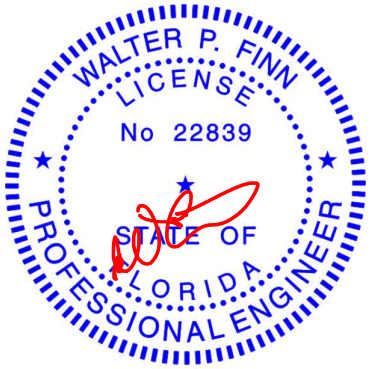
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 19-6-10.
(lb) - Max Horz 1=-172(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=-304(LC 12), 6=-303(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=317(LC 22), 9=494(LC 19), 6=493(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-369/321, 4-6=-369/321

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, with BCDL = 10.0psf.
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=304, 6=303.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V05	Valley	1	1	T21409819
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:40 2020 Page 1
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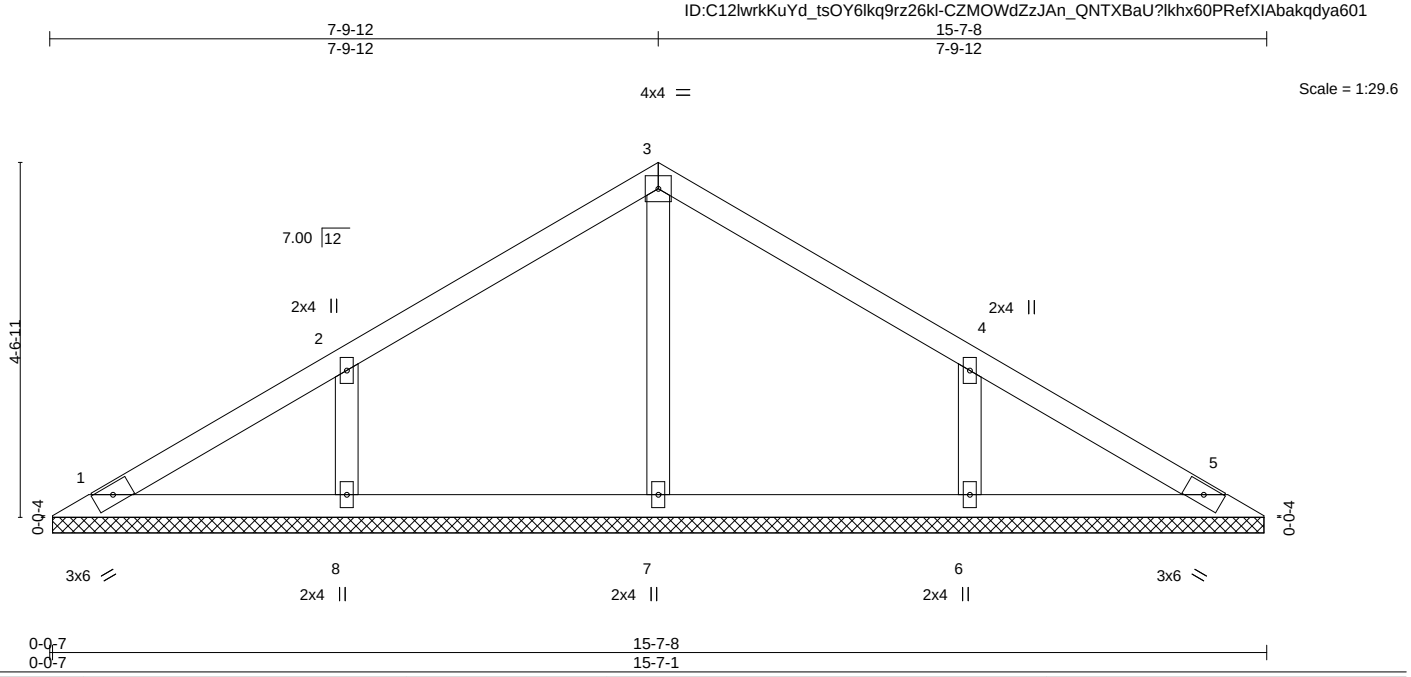


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 59 lb	FT = 20%

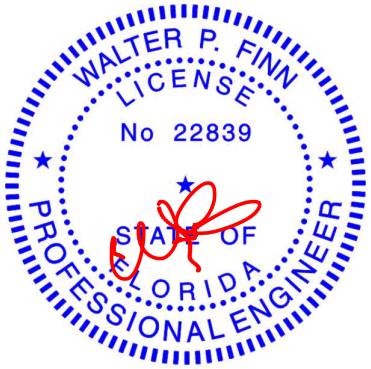
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 15-6-11.
(lb) - Max Horz 1=135(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 8=-230(LC 12), 6=-230(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=352(LC 19), 6=352(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-282/248, 4-6=-282/248

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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=230, 6=230.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V06	Valley	1	1	T21409820
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:41 2020 Page 1
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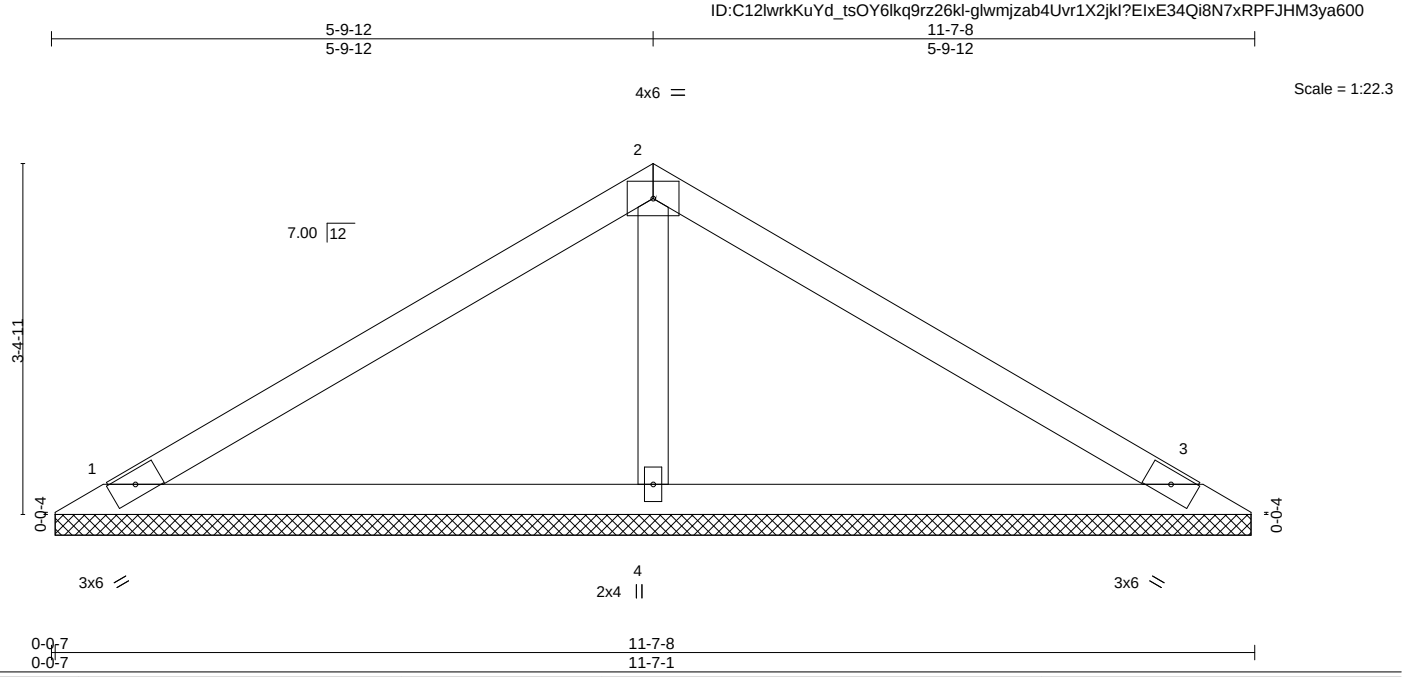


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 39 lb	FT = 20%

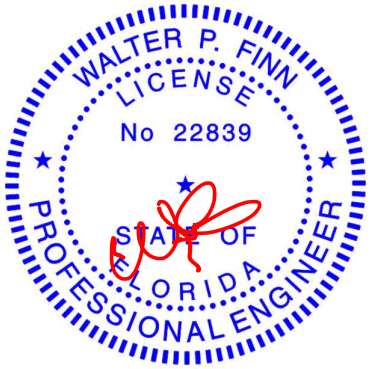
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 1=11-6-11, 3=11-6-11, 4=11-6-11
Max Horz 1=-98(LC 8)
Max Uplift 1=-88(LC 12), 3=-101(LC 13), 4=-121(LC 12)
Max Grav 1=184(LC 1), 3=189(LC 20), 4=413(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-260/170

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 except (jt=lb) 3=101, 4=121.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V07	Valley	1	1	T21409821

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:42 2020 Page 1
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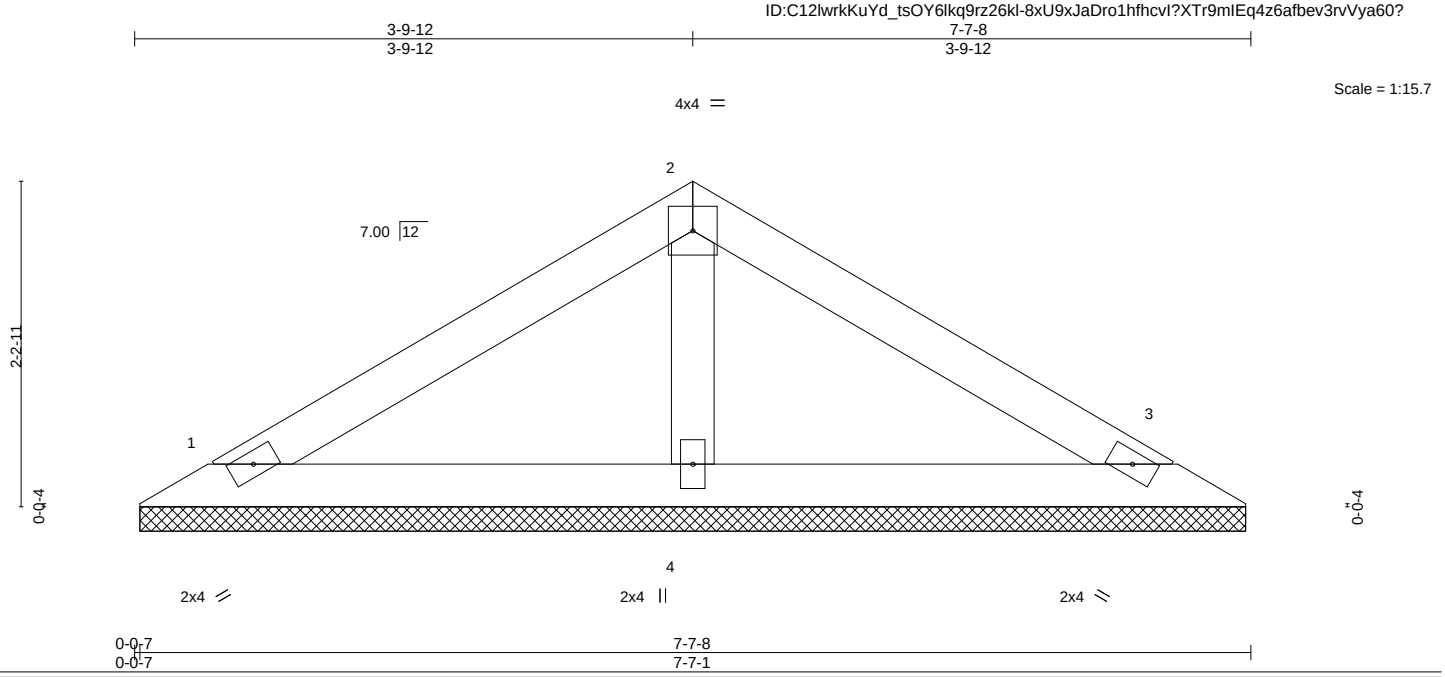


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 25 lb	FT = 20%

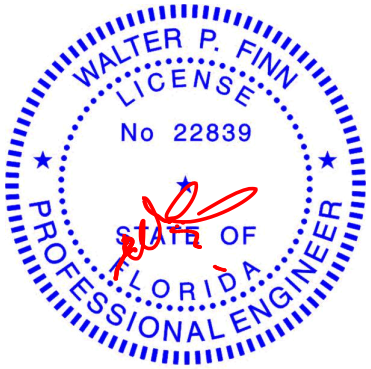
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 1=7-6-11, 3=7-6-11, 4=7-6-11
Max Horz 1=61(LC 11)
Max Uplift 1=-55(LC 12), 3=-63(LC 13), 4=-75(LC 12)
Max Grav 1=114(LC 1), 3=118(LC 20), 4=256(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V08	Valley	1	1	T21409822
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:42 2020 Page 1
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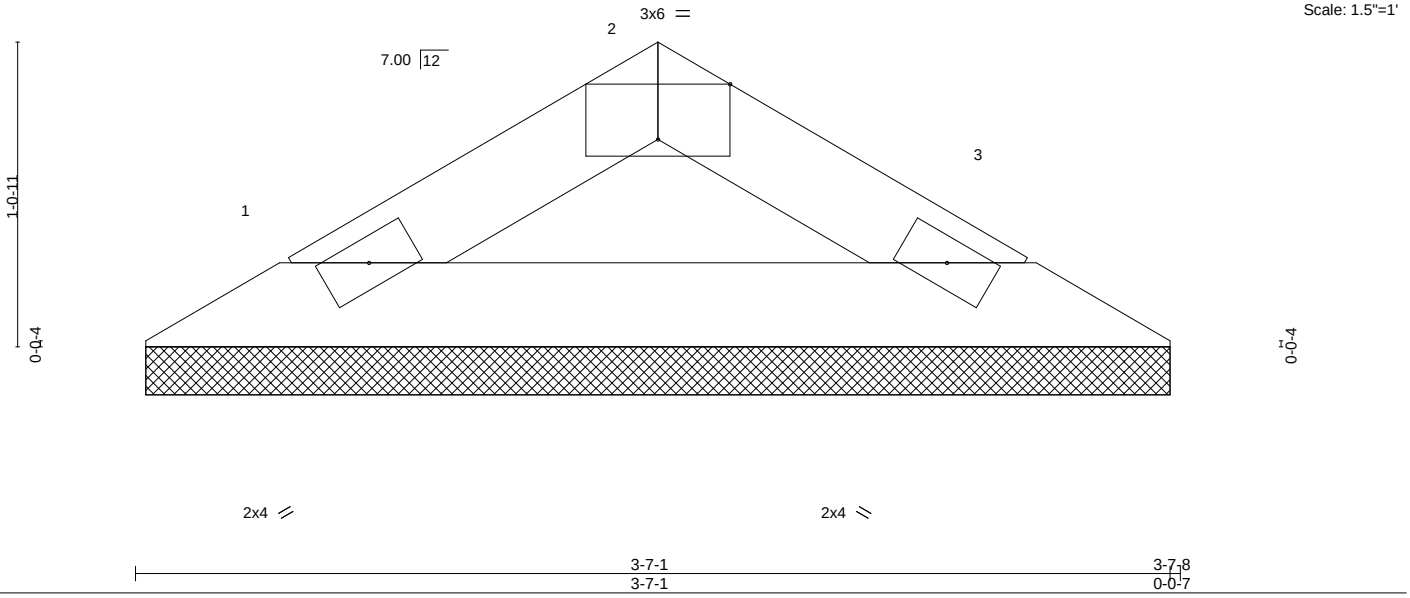


Plate Offsets (X,Y)-- [2:0-3-0,Edge]

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	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	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: 10 lb	FT = 20%

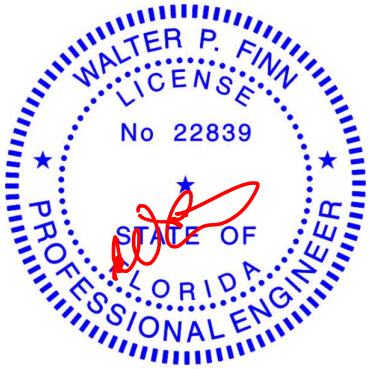
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=3-6-10, 3=3-6-10
Max Horz 1=-24(LC 8)
Max Uplift 1=-36(LC 12), 3=-36(LC 13)
Max Grav 1=94(LC 1), 3=94(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V09	Valley	1	1	T21409823
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:43 2020 Page 1
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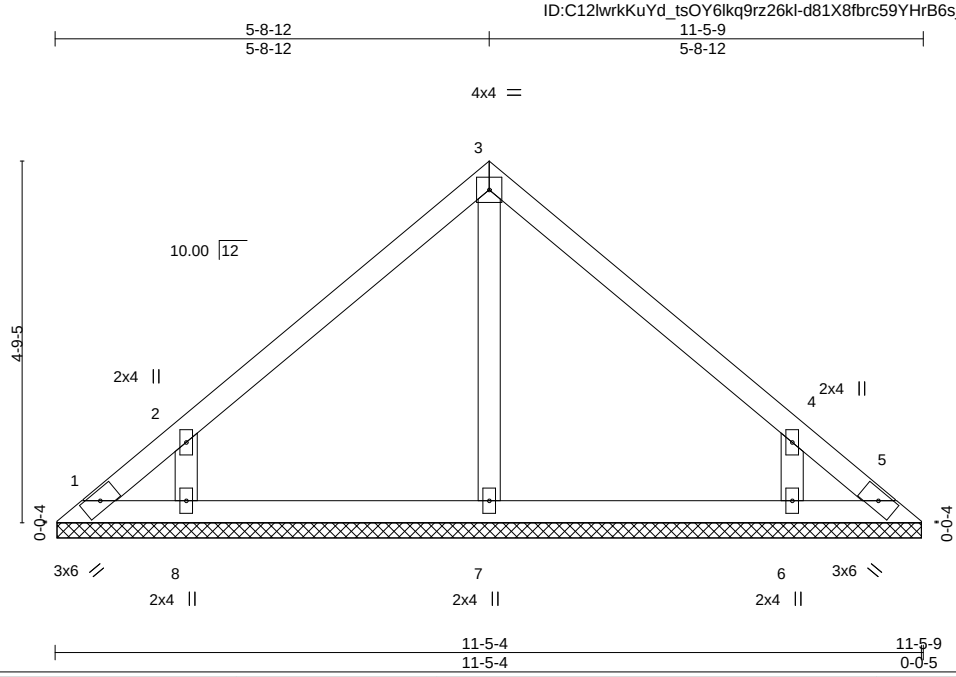


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 46 lb	FT = 20%

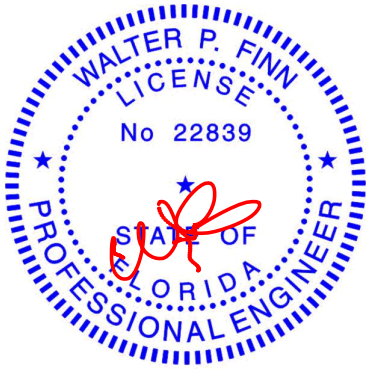
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 11-4-15.
(lb) - Max Horz 1=-141(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 8=-271(LC 12), 6=-270(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=324(LC 19), 6=324(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-314/299, 4-6=-314/299

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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=271, 6=270.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V10	Valley	1	1	T21409824

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:44 2020 Page 1
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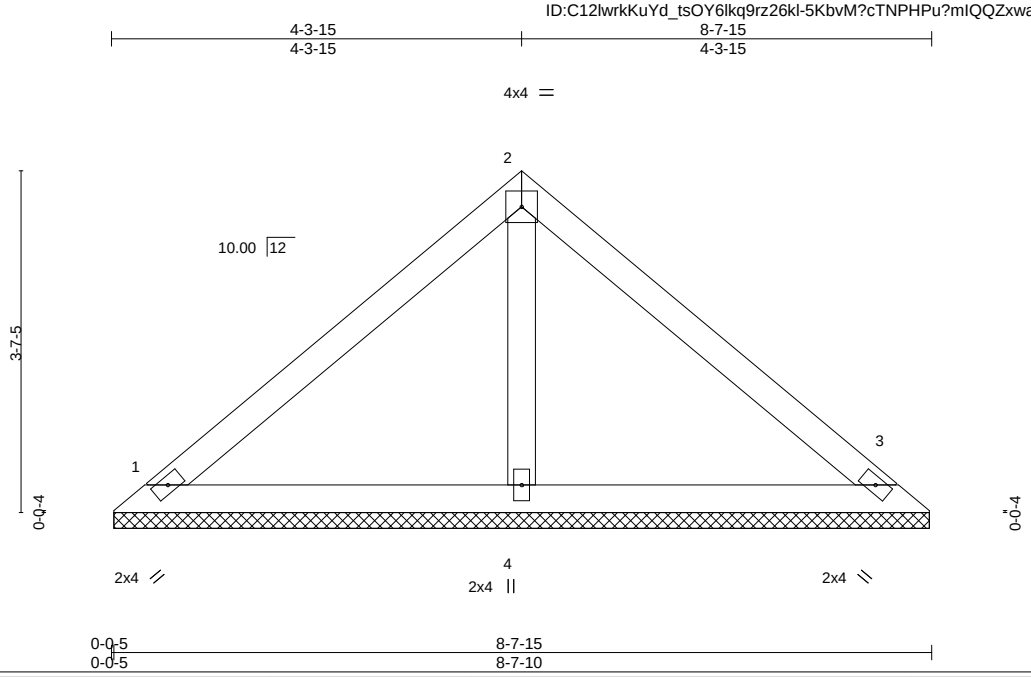


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 33 lb	FT = 20%

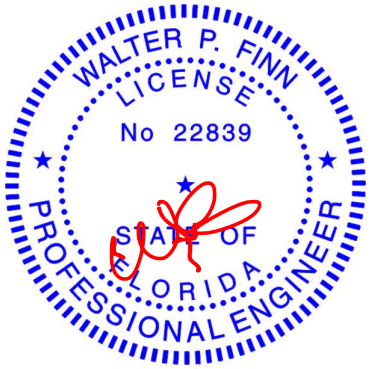
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 1=8-7-5, 3=8-7-5, 4=8-7-5
Max Horz 1=-104(LC 8)
Max Uplift 1=-65(LC 13), 3=-78(LC 13), 4=-76(LC 12)
Max Grav 1=153(LC 1), 3=153(LC 1), 4=276(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V11	Valley	1	1	T21409825
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:45 2020 Page 1
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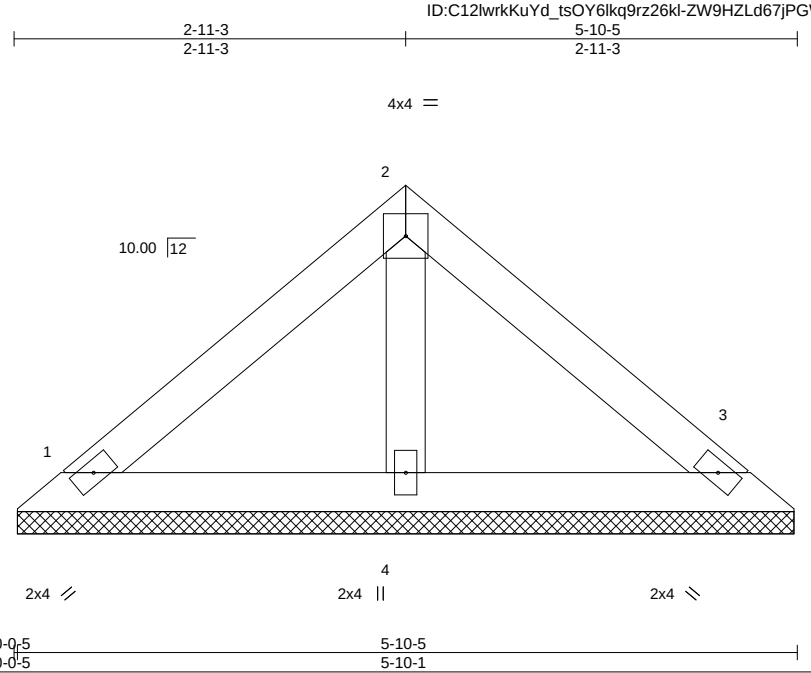


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 21 lb	FT = 20%

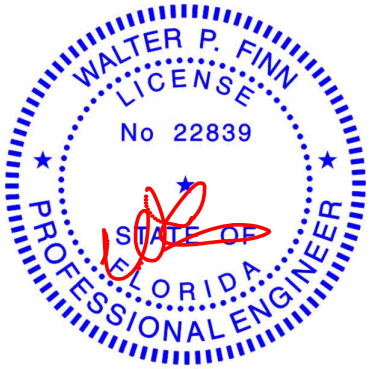
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 1=5-9-12, 3=5-9-12, 4=5-9-12
Max Horz 1=67(LC 9)
Max Uplift 1=-52(LC 13), 3=-60(LC 13), 4=-30(LC 12)
Max Grav 1=106(LC 1), 3=106(LC 1), 4=161(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V12	Valley	1	1	T21409826
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:45 2020 Page 1
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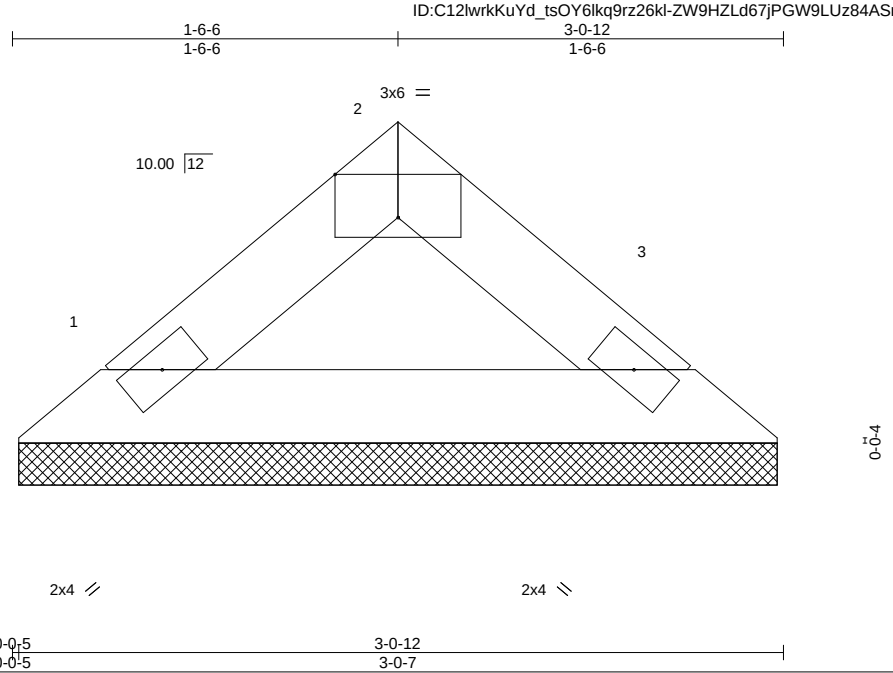


Plate Offsets (X,Y)-- [2:0-3-0,Edge]

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	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	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: 9 lb	FT = 20%

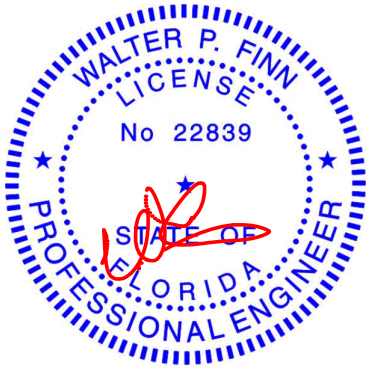
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=3-0-2, 3=3-0-2
Max Horz 1=-30(LC 8)
Max Uplift 1=-30(LC 12), 3=-30(LC 13)
Max Grav 1=83(LC 1), 3=83(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V13	Valley	1	1	T21409827
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:46 2020 Page 1
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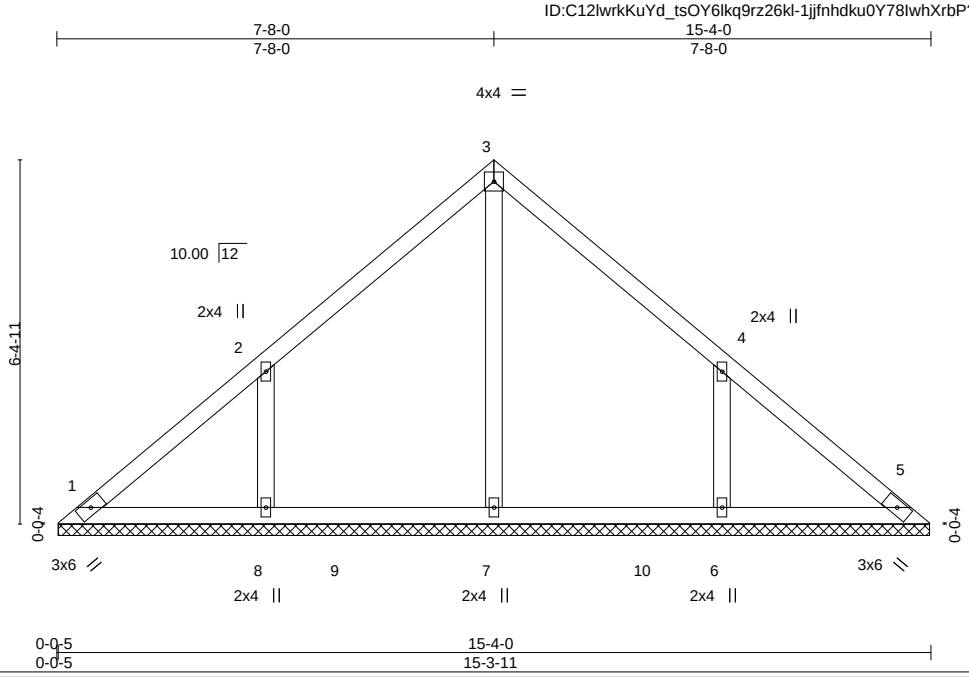


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 67 lb	FT = 20%

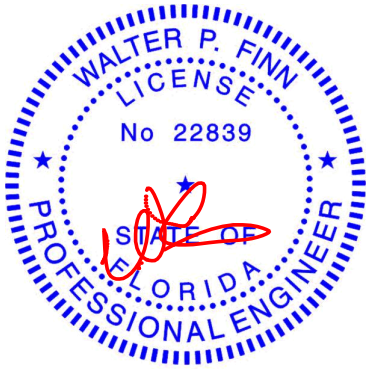
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 15-3-6.
(lb) - Max Horz 1=-193(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-306(LC 12), 6=-305(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=340(LC 19), 8=395(LC 19), 6=395(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-339/322, 4-6=-339/322

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, with BCDL = 10.0psf.
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) 8=306, 6=305.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V14	Valley	1	1	T21409828
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:47 2020 Page 1
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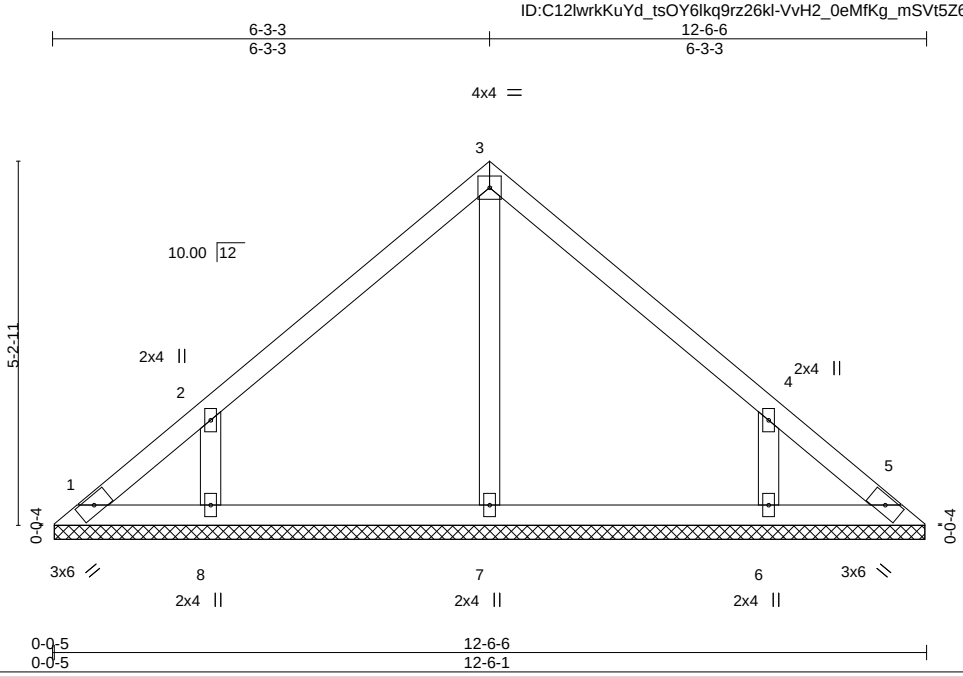


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 52 lb	FT = 20%

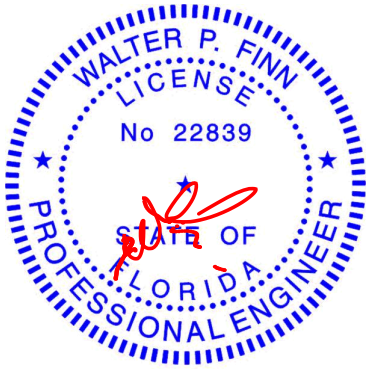
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 12-5-12.
(lb) - Max Horz 1=-156(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-267(LC 12), 6=-267(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=322(LC 19), 6=321(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-305/290, 4-6=-305/290

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 8=267, 6=267.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V15	Valley	1	1	T21409829

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:48 2020 Page 1
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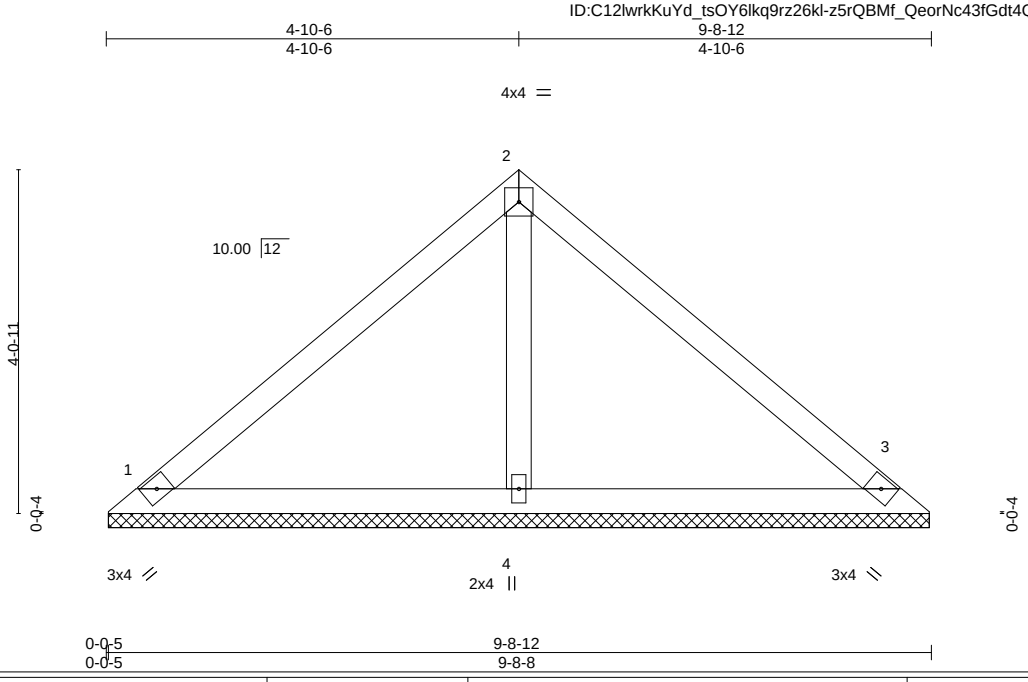


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 37 lb	FT = 20%

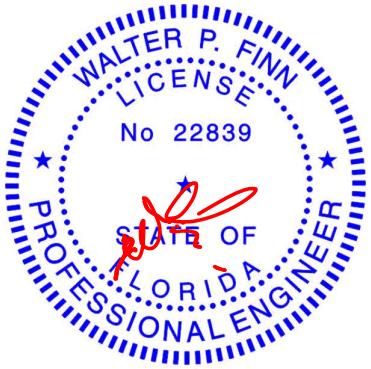
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 1=9-8-3, 3=9-8-3, 4=9-8-3
Max Horz 1=-118(LC 8)
Max Uplift 1=-74(LC 13), 3=-89(LC 13), 4=-86(LC 12)
Max Grav 1=174(LC 1), 3=174(LC 1), 4=313(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V16	Valley	1	1	T21409830

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:48 2020 Page 1

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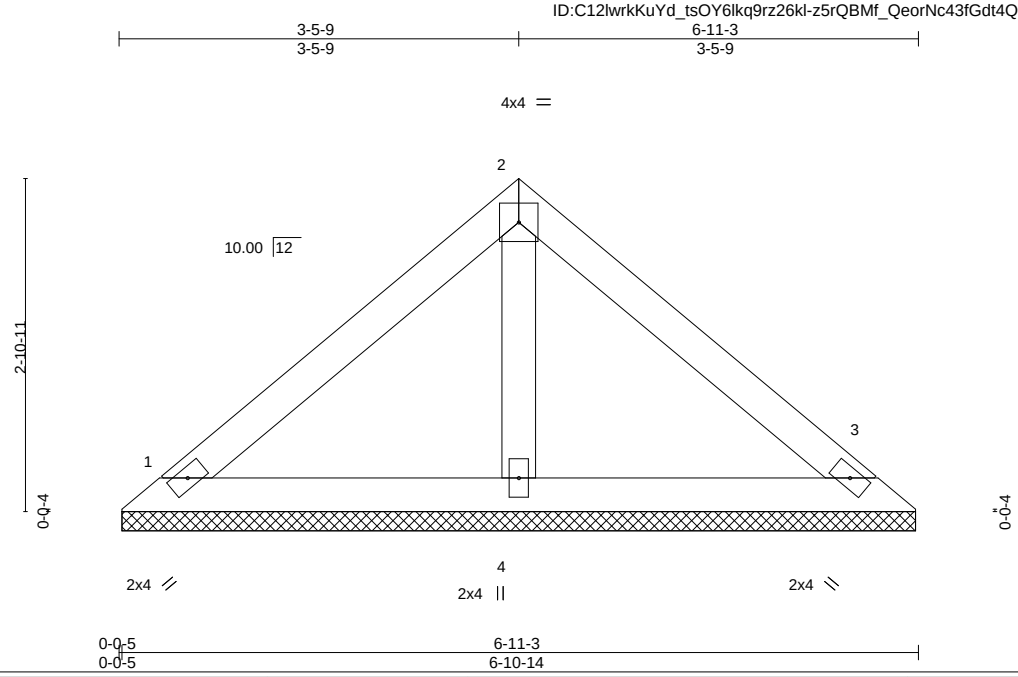


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 26 lb	FT = 20%

LUMBER-

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

BRACING-

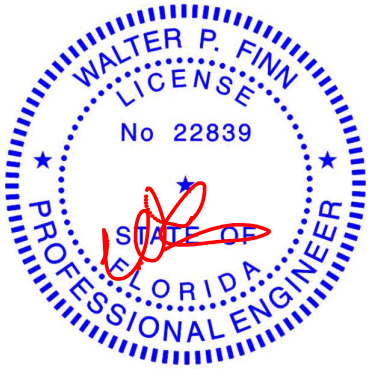
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=6-10-9, 3=6-10-9, 4=6-10-9
Max Horz 1=-81(LC 8)
Max Uplift 1=-63(LC 13), 3=-73(LC 13), 4=-36(LC 12)
Max Grav 1=129(LC 1), 3=129(LC 1), 4=196(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V17	Valley	1	1	T21409831
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:49 2020 Page 1
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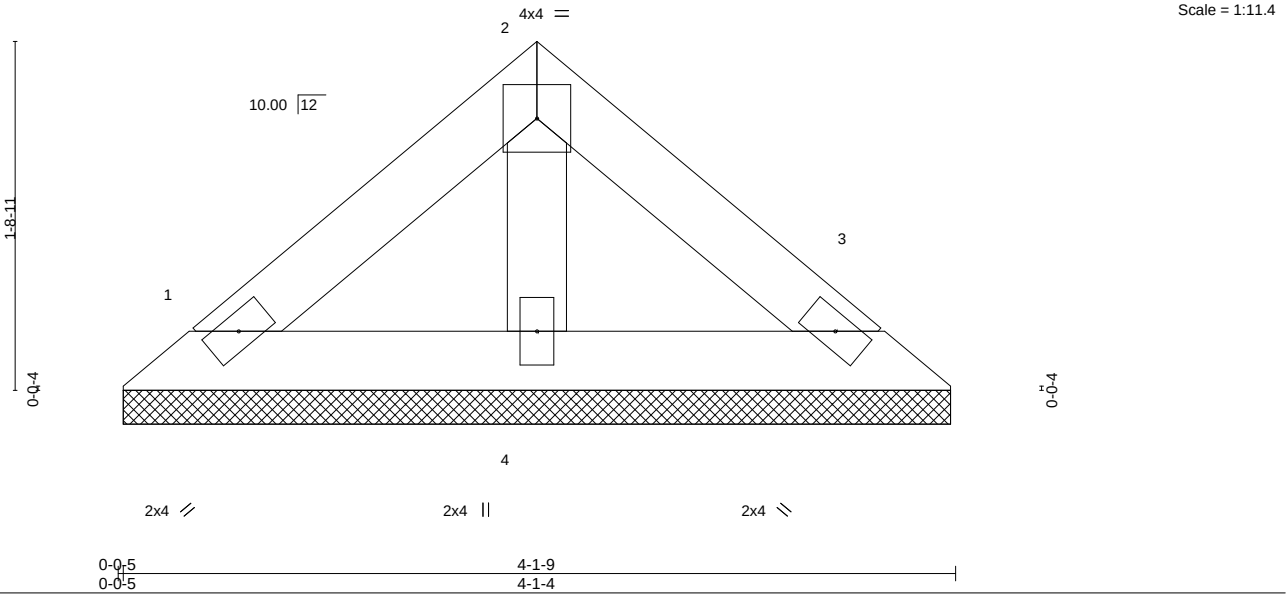


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 14 lb	FT = 20%

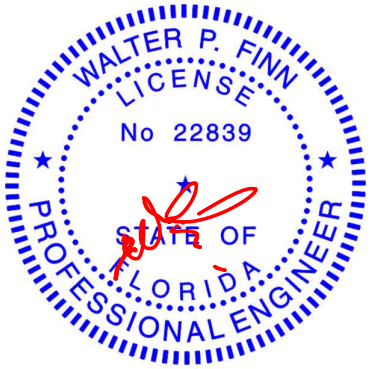
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=4-1-0, 3=4-1-0, 4=4-1-0
Max Horz 1=-44(LC 8)
Max Uplift 1=-34(LC 13), 3=-39(LC 13), 4=-20(LC 12)
Max Grav 1=70(LC 1), 3=70(LC 1), 4=106(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V18	Valley	1	1	T21409832
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:50 2020 Page 1
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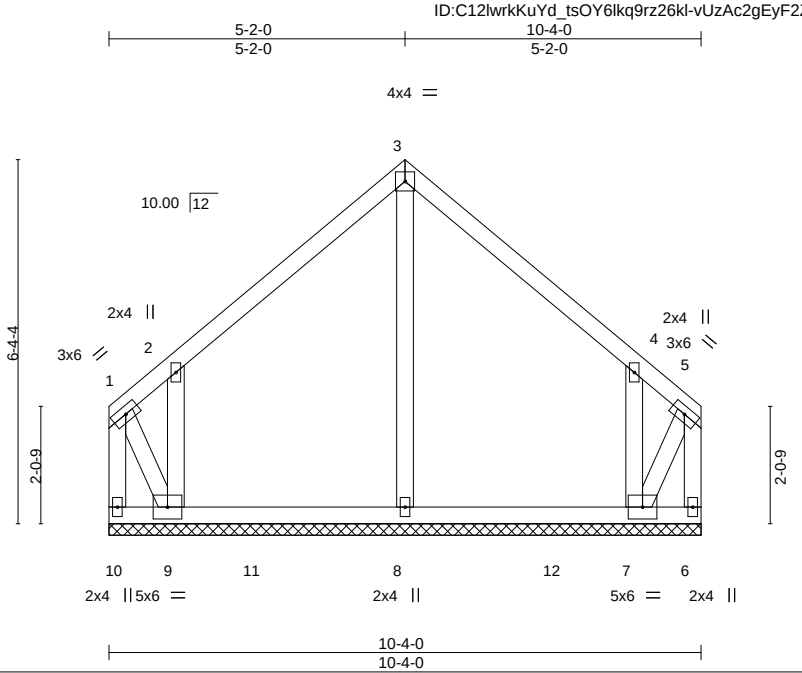


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 62 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

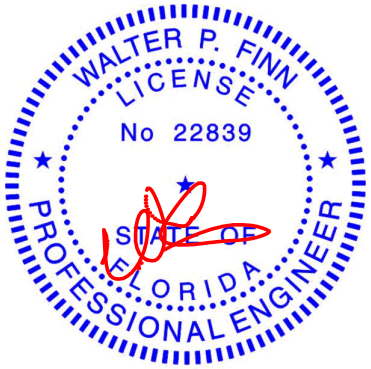
BRACING-

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. All bearings 10-4-0.
(lb) - Max Horz 10=133(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) except 10=-224(LC 10), 6=-194(LC 11), 9=-406(LC 12), 7=-392(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 10, 6 except 8=335(LC 19), 9=435(LC 19), 7=420(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-327/309, 4-7=-327/309

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 224 lb uplift at joint 10, 194 lb uplift at joint 6, 406 lb uplift at joint 9 and 392 lb uplift at joint 7.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V19	Valley	1	1	T21409833
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:52 2020 Page 1
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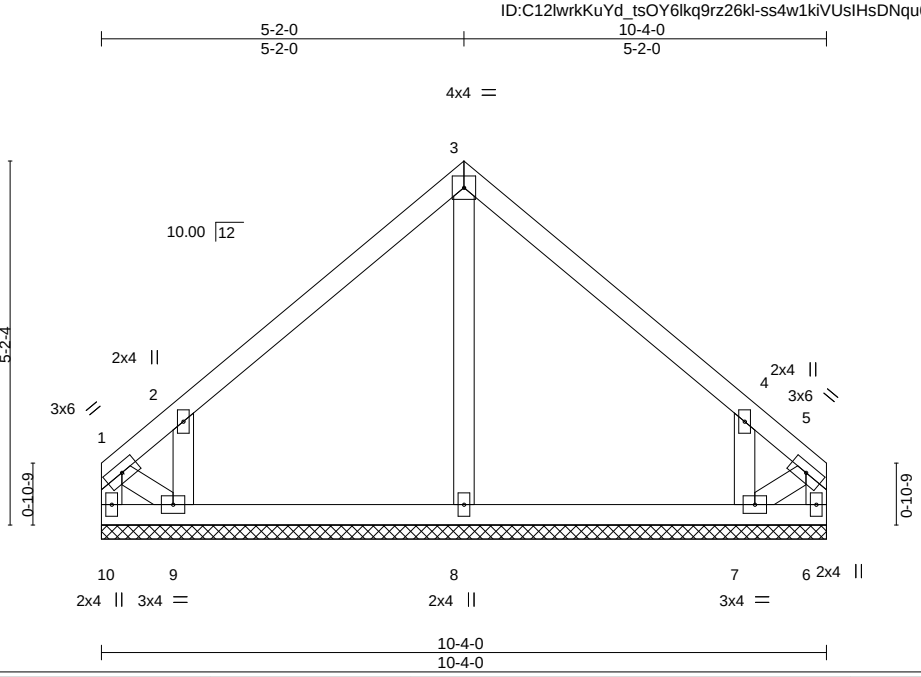


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 51 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

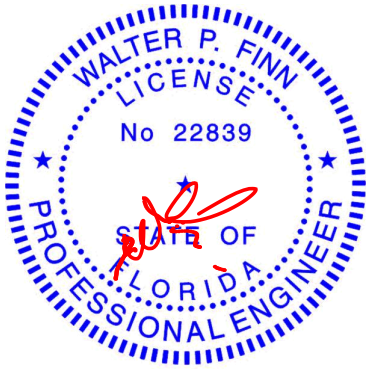
BRACING-

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. All bearings 10-4-0.
(lb) - Max Horz 10=133(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) except 10=-156(LC 10), 6=-125(LC 11), 9=-348(LC 12), 7=-338(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 10, 6, 8 except 9=362(LC 19), 7=351(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-337/320, 4-7=-337/319

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 156 lb uplift at joint 10, 125 lb uplift at joint 6, 348 lb uplift at joint 9 and 338 lb uplift at joint 7.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V20	Valley	1	1	T21409834
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:53 2020 Page 1
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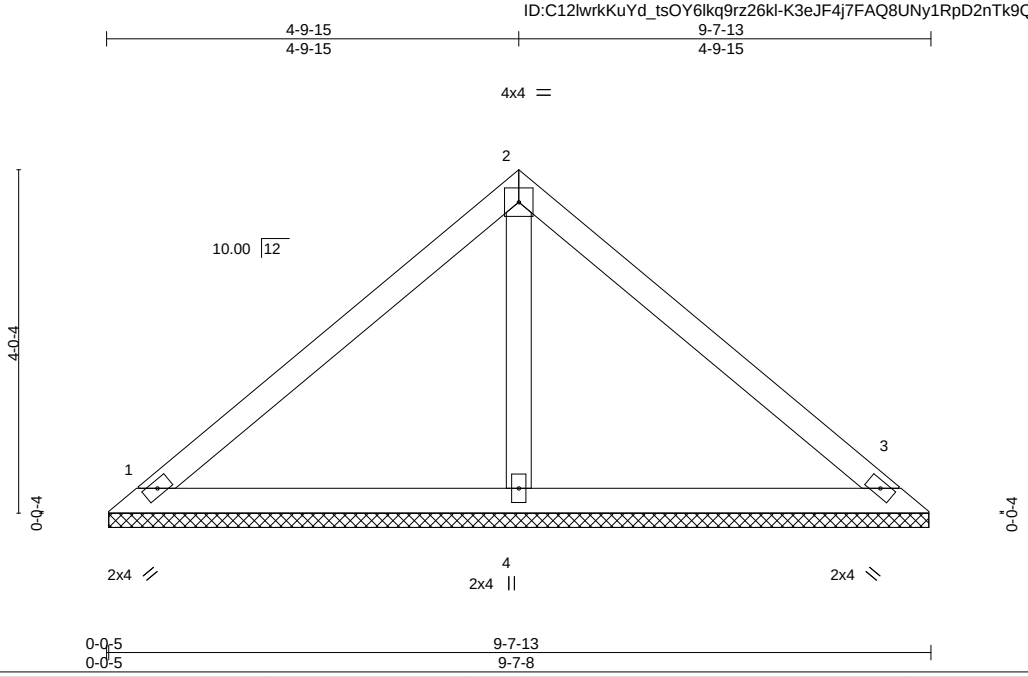


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 37 lb	FT = 20%

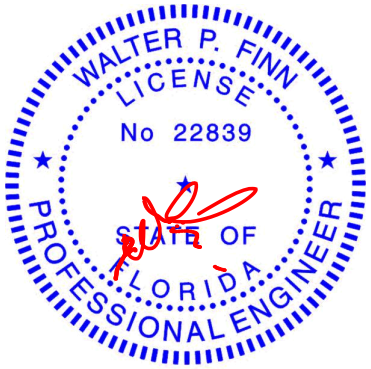
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 1=9-7-3, 3=9-7-3, 4=9-7-3
Max Horz 1=-117(LC 8)
Max Uplift 1=-74(LC 13), 3=-88(LC 13), 4=-86(LC 12)
Max Grav 1=172(LC 1), 3=172(LC 1), 4=311(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 74 lb uplift at joint 1, 88 lb uplift at joint 3 and 86 lb uplift at joint 4.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V21	Valley	1	1	T21409835
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:53 2020 Page 1
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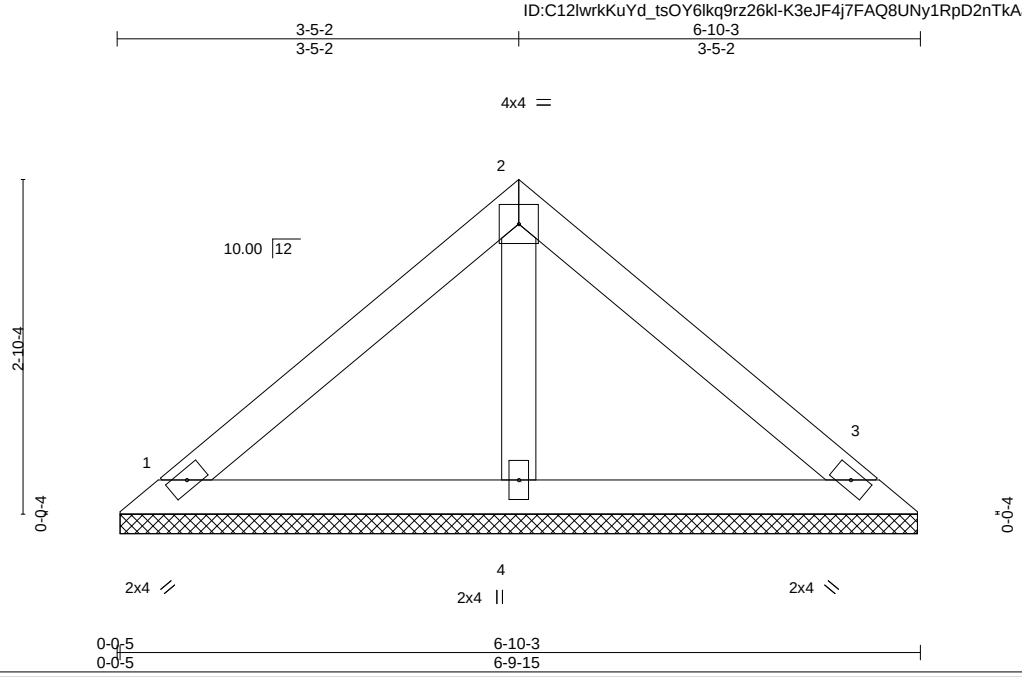


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 25 lb	FT = 20%

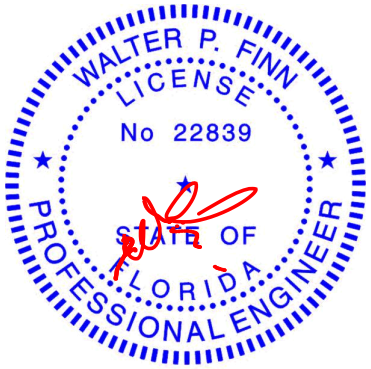
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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. (size) 1=6-9-10, 3=6-9-10, 4=6-9-10
Max Horz 1=-80(LC 8)
Max Uplift 1=-62(LC 13), 3=-72(LC 13), 4=-36(LC 12)
Max Grav 1=127(LC 1), 3=127(LC 1), 4=193(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 62 lb uplift at joint 1, 72 lb uplift at joint 3 and 36 lb uplift at joint 4.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V22	Valley	1	1	T21409836
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:54 2020 Page 1
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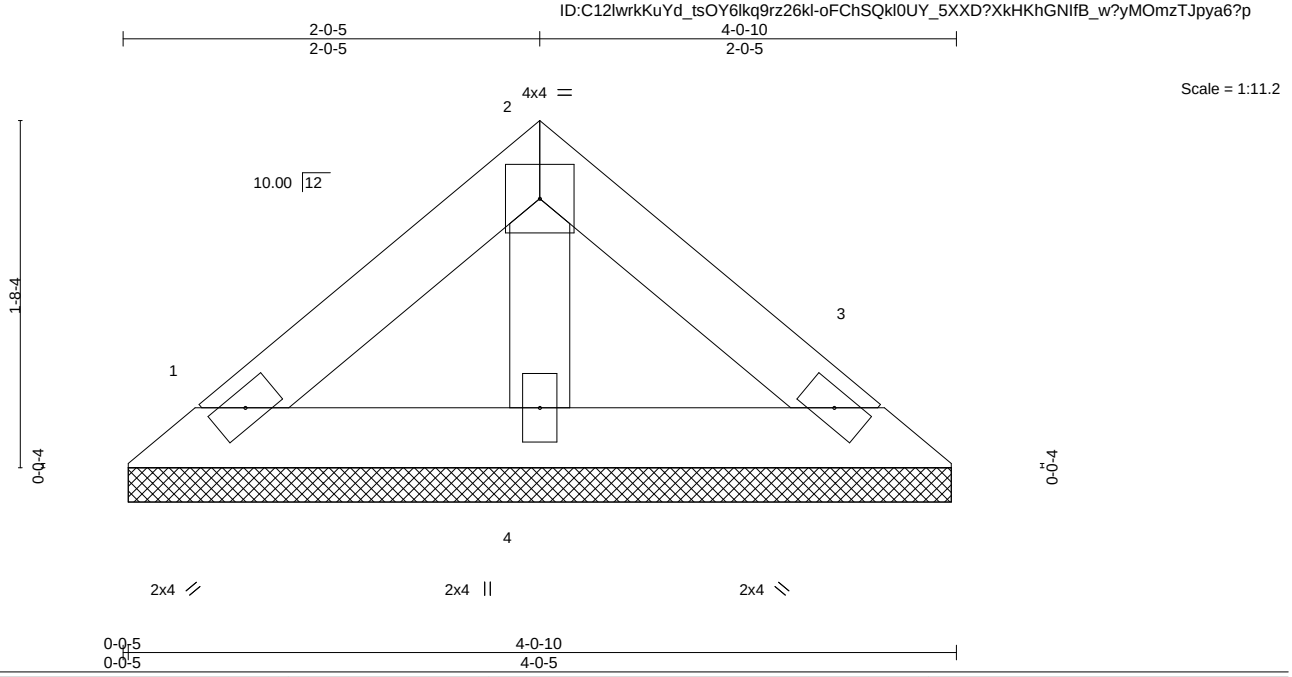


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 14 lb	FT = 20%

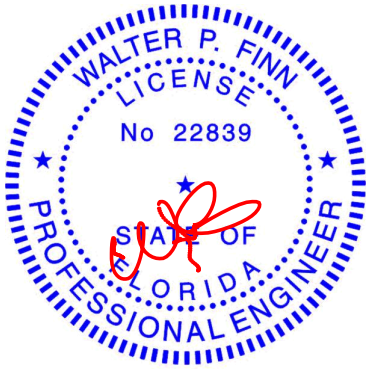
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=4-0-0, 3=4-0-0, 4=4-0-0
Max Horz 1=-43(LC 8)
Max Uplift 1=-33(LC 13), 3=-38(LC 13), 4=-19(LC 12)
Max Grav 1=68(LC 1), 3=68(LC 1), 4=104(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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 33 lb uplift at joint 1, 38 lb uplift at joint 3 and 19 lb uplift at joint 4.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 25,2020

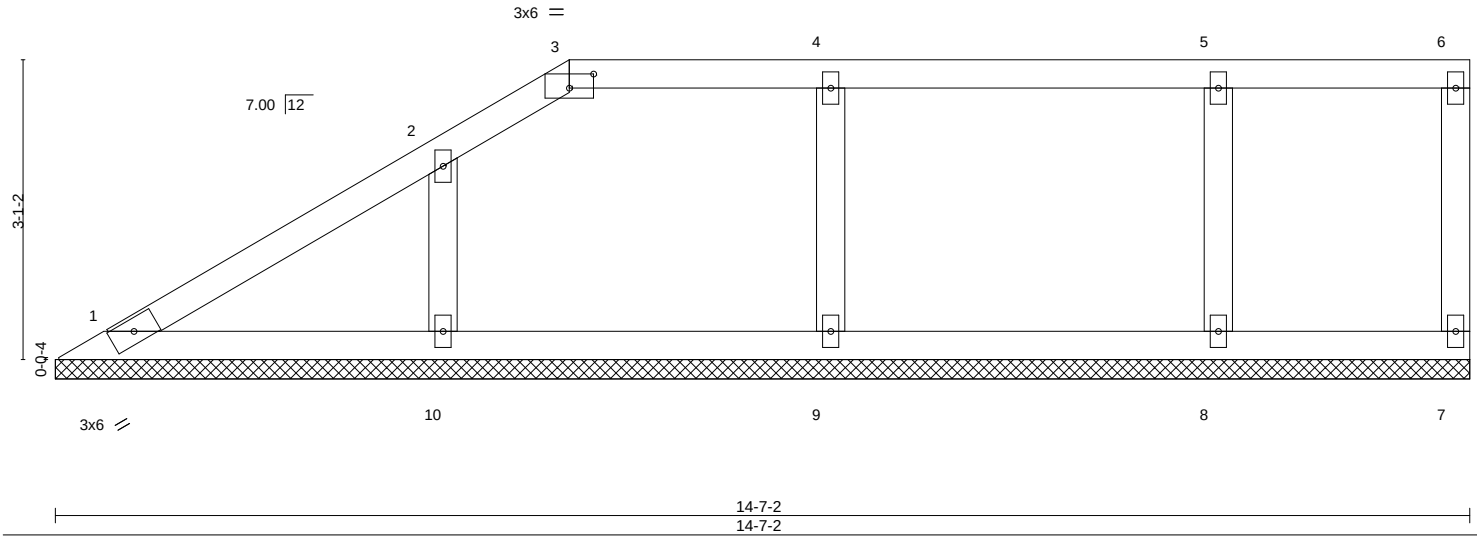
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V23	GABLE	1	1	T21409837
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:55 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-GRm3flkNnngrjh6PZEFWsupVQ3WvfROVdQi1rFya6?o

5-3-10 14-7-2
5-3-10 9-3-8

Scale: 1/2"=1'



14-7-2
14-7-2

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

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	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 58 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-

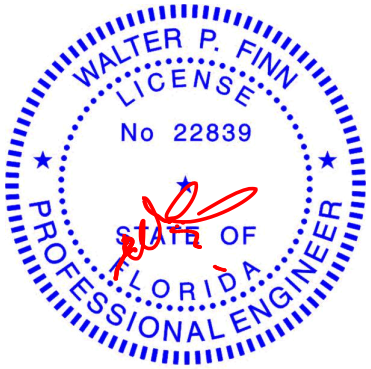
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 14-7-2.
(lb) - Max Horz 1=139(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 7 except 10=-187(LC 12), 9=-148(LC 8), 8=-122(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=305(LC 19), 9=304(LC 24), 8=259(LC 1)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
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) 7 except (jt=lb) 10=187, 9=148, 8=122.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V24	GABLE	1	1	T21409838

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:55 2020 Page 1
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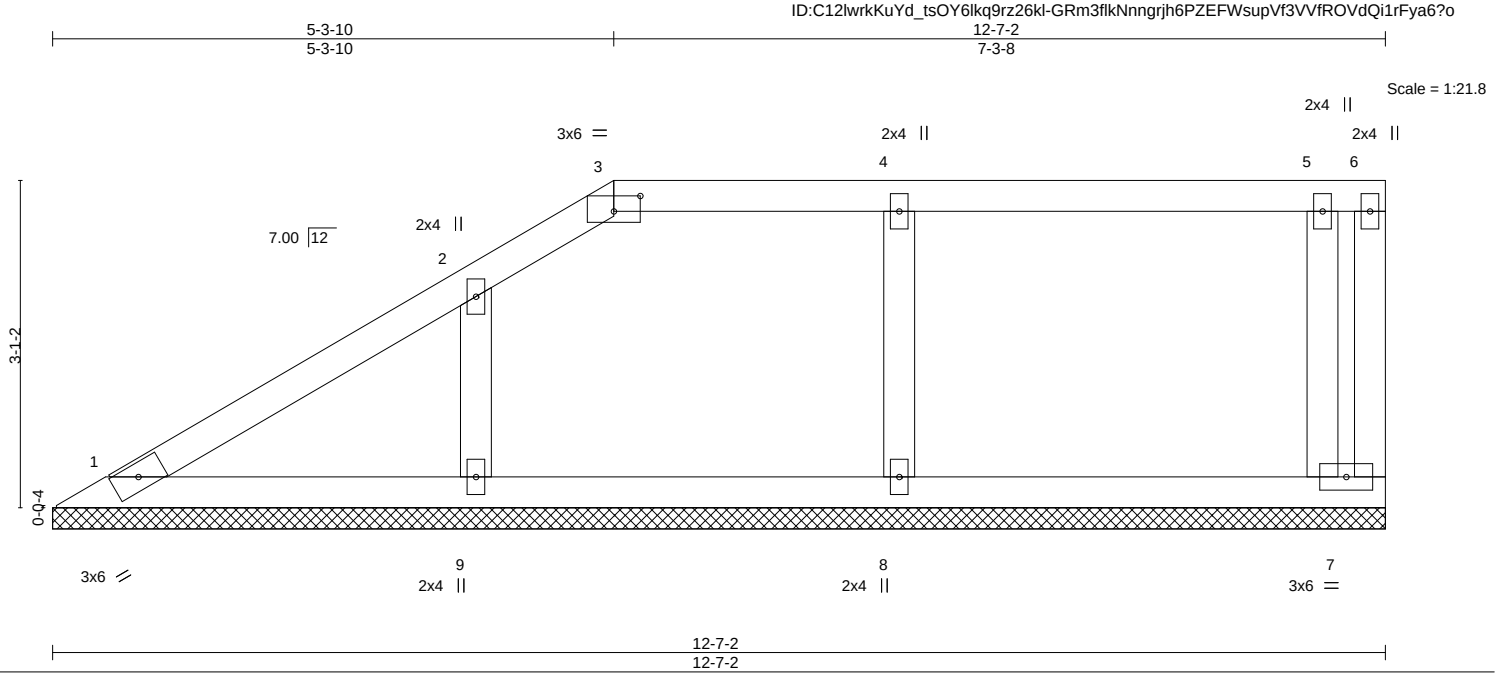


Plate Offsets (X,Y)-- [3:0-3-0,0-1-12]

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	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 52 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-

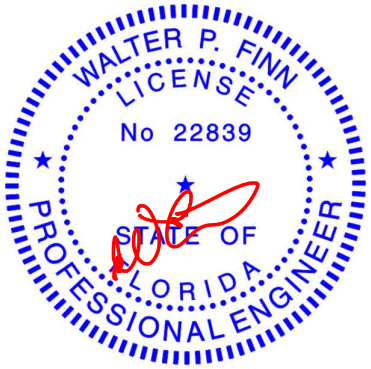
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 12-7-2.
(lb) - Max Horz 1=139(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 7 except 9=-184(LC 12), 8=-140(LC 8)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 9=297(LC 19), 8=303(LC 1)

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

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 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) 7 except (jt=lb) 9=184, 8=140.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

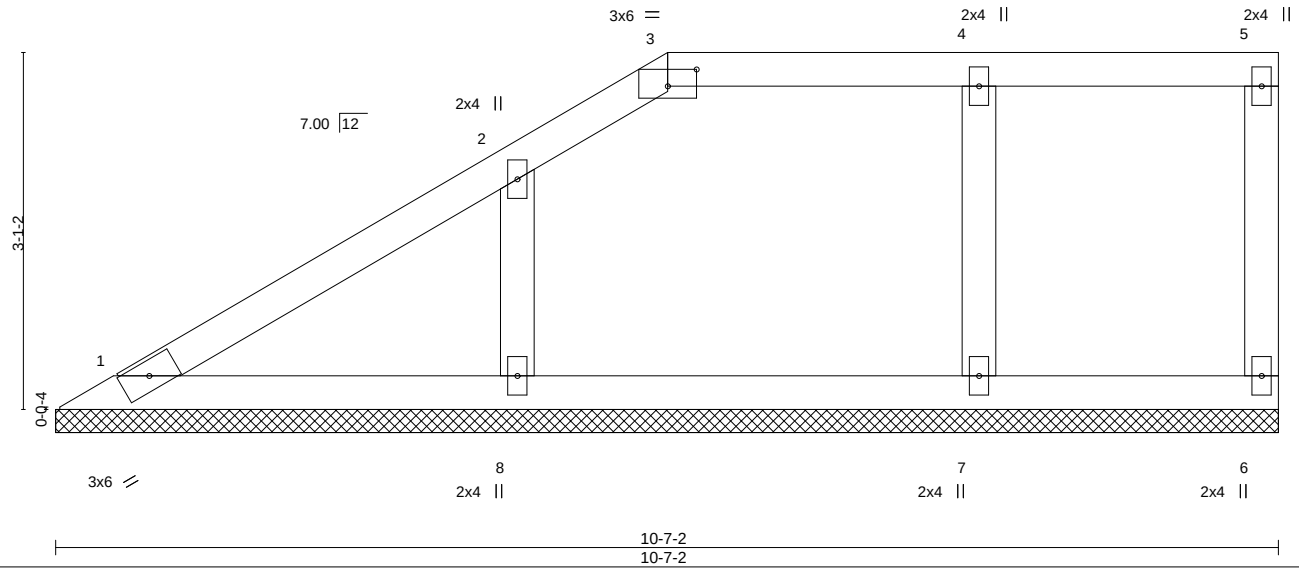
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V25	GABLE	1	1	T21409839
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:56 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-keKRt5l?Y5oiLrhc7ynlP6Mg1Ts3OuXfs4SaNhya6?n

5-3-10 10-7-2
5-3-10 5-3-8

Scale = 1:20.0



10-7-2
10-7-2

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

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	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	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	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 42 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-

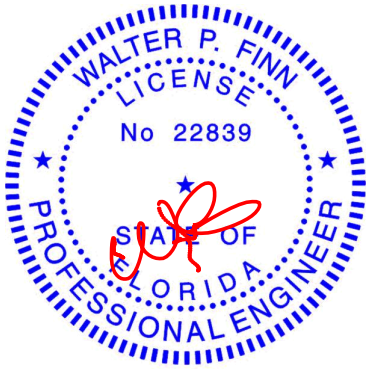
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 10-7-2.
(lb) - Max Horz 1=139(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 6 except 8=-190(LC 12), 7=-124(LC 8)
Max Grav All reactions 250 lb or less at joint(s) 1, 6 except 8=315(LC 1), 7=255(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-252/241

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 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) 6 except (jt=lb) 8=190, 7=124.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V26	Valley	1	1	T21409840
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:57 2020 Page 1
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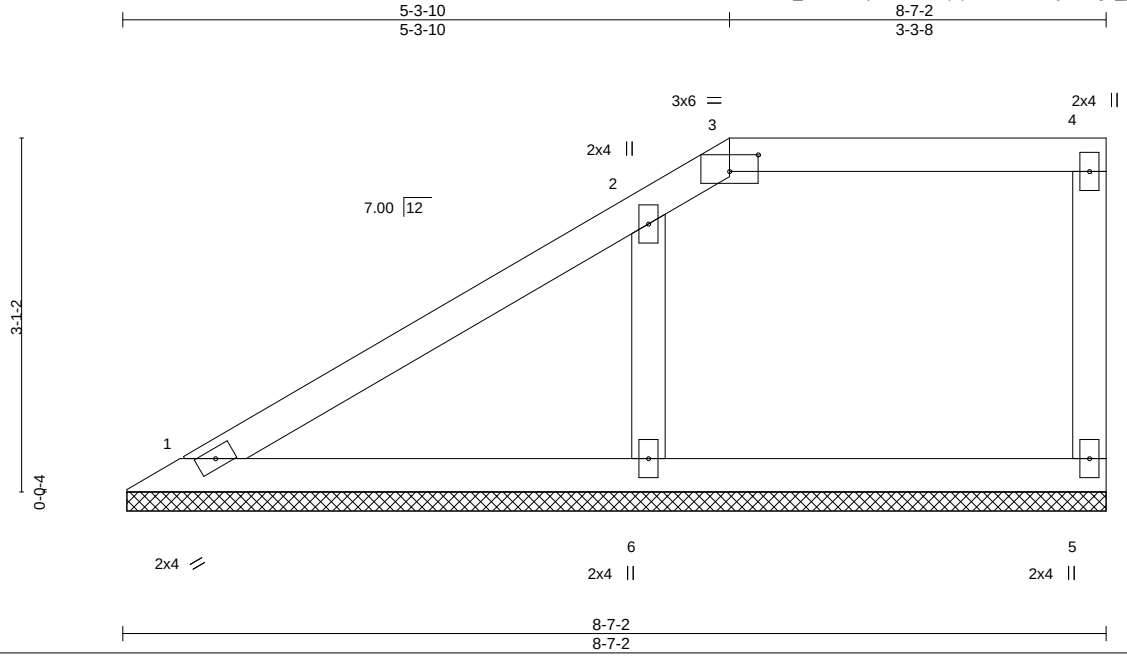


Plate Offsets (X,Y)-- [3:0-3-0,0-1-12]

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	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.15	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: 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-

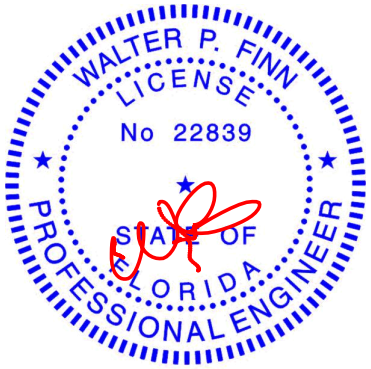
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=8-6-11, 5=8-6-11, 6=8-6-11
Max Horz 1=139(LC 12)
Max Uplift 1=-8(LC 12), 5=-71(LC 8), 6=-192(LC 12)
Max Grav 1=124(LC 1), 5=126(LC 24), 6=347(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-6=-262/274

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 6=192.



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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - BUZZERD RES.
2465502	V27	GABLE	1	1	T21409841
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Fri Sep 25 11:27:57 2020 Page 1
ID:C12lwrkKuYd_tsOY6lkq9rz26kl-Cqup4RmdJPwZy?Gogfl_yJurHtCi7Lqo4kB8w8ya6?m

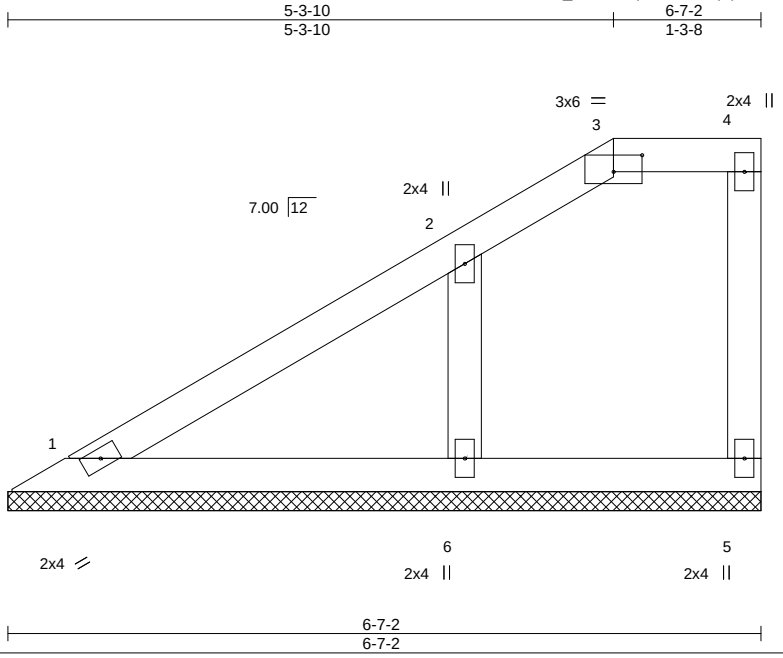


Plate Offsets (X,Y)-- [3:0-3-0,0-1-12]

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	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	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: 26 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-

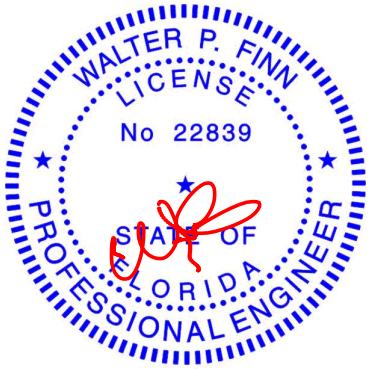
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=6-7-2, 5=6-7-2, 6=6-7-2
Max Horz 1=139(LC 12)
Max Uplift 5=-33(LC 8), 6=-184(LC 12)
Max Grav 1=104(LC 1), 5=61(LC 24), 6=294(LC 19)

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=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;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) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 6=184.



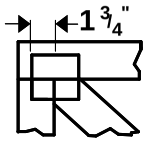
Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 25,2020

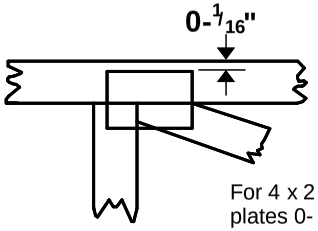
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

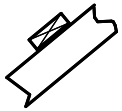
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

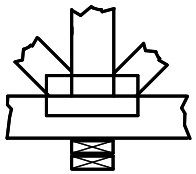
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

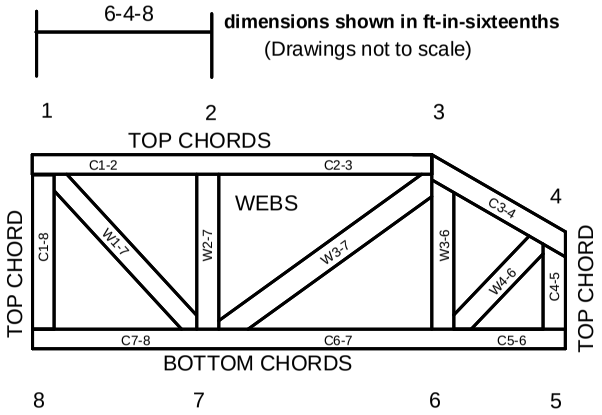


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

21.The design does not take into account any dynamic or other loads other than those expressly stated.