Non-Itemized QUOTE Estimate

UFP Mid-Atlantic, LLC

REQ. QUOTE DATE	/ /	ORDER #	
ORDER DATE	/ /	QUOTE #	23032053
DELIVERY DATE	/ /	CUSTOMER ACCT #	PHDC3652
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY		INVOICE #	
		TERMS	W0
SUPERINTENDENT		SALES REP	798 Mike Solomon
JOBSITE PHONE #		SALES AREA	282 Burlington 11

SOLD TO
HD COMPONENTS # 3652
HD COMPONENTS # 3652 901
FUQUAY VARINA, NC 27526

SHIP TO
699 DENNING ROAD
ANGIER, NC 27501

JOB NAME: ODINA NUNEZ **LOT #** 699 **SUBDIV:**
MODEL: T242469 **TAG:** 130W **JOB CATEGORY:** RR

DELIVERY INSTRUCTIONS: Note: Customer Signature Required on order confirming counts, spans and all other truss profile specifications prior to order being released to production. Please fax signed order to 360-604-7476 or send PDF to hdc_truss@homedepot.com X:_____

SPECIAL INSTRUCTIONS:

BUILDING DEPARTMENT	OVERHANG INFO		HEEL HEIGHT	00-04-03	REQ. LAYOUTS		REQ. ENGINEERING			BY	DATE
SELECT CODE	END CUT	RETURN							QUOTE	af2	03/21/23
	PLUMB		GABLE STUDS	24 IN. OC	JOBSITE 2		JOBSITE 1		LAYOUT	af2	03/21/23
									CUTTING		/ /

ROOF TRUSSES

LOADING INFORMATION: TCLL-TCDL-BCLL-BCDL 20.0,10.0,0.0,10.0; STRESS INCR. 1.00

ROOF TRUSS SPACING:

PROFILE	QTY PLY	PITCH TOP	PITCH BOT	TYPE ID	BASE SPAN	O/A SPAN	LUMBER TOP	LUMBER BOT	OVERHANG LEFT	OVERHANG RIGHT	CANTILEVER LEFT	CANTILEVER RIGHT	STUB LEFT	STUB RIGHT	
	2	6.00	0.00	COMMON A00	36-00-00	36-00-00	2 X 4	2 X 4							
	23	6.00	0.00	COMMON A01	36-00-00	36-00-00	2 X 4	2 X 4			01-00-00	01-00-00			
	1	6.00	0.00	COMMON B00	26-00-00	26-00-00	2 X 4	2 X 4			01-00-00	01-00-00			
	11	6.00	0.00	COMMON B01	26-00-00	26-00-00	2 X 4	2 X 4			01-00-00	01-00-00			
	1	6.00	0.00	VALLEY V1	05-04-00	05-04-00	2 X 4	2 X 4							
	1	6.00	0.00	VALLEY V2	09-04-00	09-04-00	2 X 4	2 X 4							
	1	6.00	0.00	VALLEY V3	13-04-00	13-04-00	2 X 4	2 X 4							

ITEMS

QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES	
2	Truss Literature	11X17 LAYOUT				
2	Truss Literature	PRINT TRUSS DRAWINGS				
74	New USP Hangers	RT7A - USP HANGER			USP HANGER UPDATED 1-25-23	

ACCEPTED BY SELLER

BY: _____

TITLE: _____

DATE OF ACCEPTANCE: _____

ACCEPTED BY BUYER

PURCHASER: _____

BY: _____ TITLE: _____

ADDRESS: _____

PHONE: _____ DATE: _____

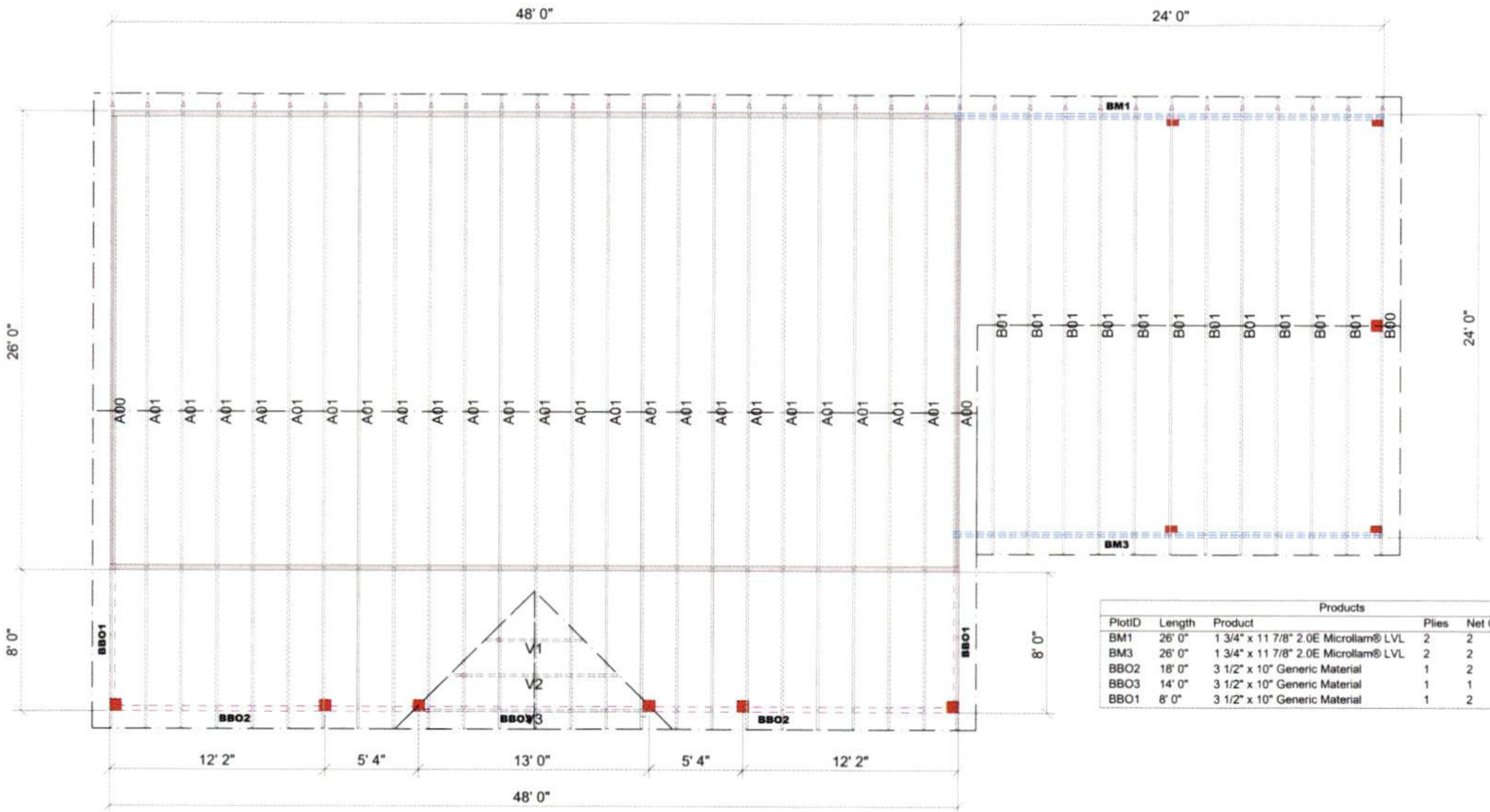
Retail $6,414.29

Pricing provided is effective for 15 days from the quote date. Delivery of items listed from the time of quote should not exceed 60 days Quote is based on current design values at the time of quote (lumber, EWP, hardware, etc). Should any of these val sell price accordingly.

If any truss in this system exceeds 60' in length UFP will require the builder, framer or installer to sign an acknowledgement of risk for installation of long span trusses. UFP will provide this document to the customer.

THIS IS A TRUSS PLACEMENT DIAGRAM (TPD) ONLY, NOT AN ENGINEERED DOCUMENT. Trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual truss design drawings (TDD's) for each truss design identified on the TPD. The Contractor is responsible for the temporary bracing of the roof and floor system, and the building designer is responsible for the permanent bracing of the roof and floor system and the overall structure. The design of the support structure including but not limited to headers, beams, walls, and columns is also the responsibility of the building designer. For general guidance regarding installation and bracing, consult "Building Component Safety Information" (BCSI) available from the SBC Association (www.sbcacomponents.com). It is the responsibility of the General Contractor to verify that the provided component layout matches the final intended construction plans, loading conditions, and use. If they do not, it is the responsibility of the General Contractor to notify UFP and provide plans containing the latest specifications and designs. UFP will not be responsible for plan changes by others after final approval of shop drawings, or for errors or modifications made on-site during construction. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE "REPAIR" MANUFACTURED TRUSSES IN ANY WAY WITHOUT PRIOR WRITTEN AUTHORIZATION BY A LICENSED PROFESSIONAL DESIGNATED BY UFP. The Framer is responsible to verify all dimensions, including adjusting member spacing within tolerances to allow for the drop and rise of plumbing/HVAC, unless noted otherwise. Truss-to-wall connections, if shown, are for uplift only and do not consider lateral loads. All connectors on this project are to be installed per the connector manufacturer's specifications. All connectors shown that are not truss-to-truss are suggestions only and are to be verified by the Building Designer or Engineer of Record for suitability to this particular project. UFP accepts no responsibility for the specific application or suitability of any connector that is not truss-to-truss as they apply to this specific structure.

THESE VALUES ARE APPROXIMATE ONLY	
ROOF AREA	2710.11 ft² sq ft
RIDGE LINE	81.83 ft
VALLEY LINES	23.5 ft
HIP LINES	0 ft



Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	26' 0"	1 3/4" x 11 7/8" 2.0E Microllam® LVL	2	2	MFD
BM3	26' 0"	1 3/4" x 11 7/8" 2.0E Microllam® LVL	2	2	MFD
BBO2	18' 0"	3 1/2" x 10" Generic Material	1	2	MFD
BBO3	14' 0"	3 1/2" x 10" Generic Material	1	1	MFD
BBO1	8' 0"	3 1/2" x 10" Generic Material	1	2	MFD

PLACEMENT PLAN

△ INDICATES LEFT END OF TRUSS SCALE: N.T.S

UFP SITE BUILT
A UFP INDUSTRIES COMPANY

TRUSSTRAX

Burlington, NC Locust, NC
Chesapeake, VA Liberty, NC
Clinton, NC Ooltewah, TN
Conway, SC Pearisburg, VA
Jefferson, GA Stanfield, NC
Customer Service (800) 476-9356

REVISIONS		
DATE	DESCRIPTION	DSR

DESIGNER -
LAYOUT DATE -
ARCH DATE -
STRUC DATE -
JOB #: -

Job	Truss	Truss Type	Qty	Ply	
23032053	A00	Truss	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:54 — Page: 1

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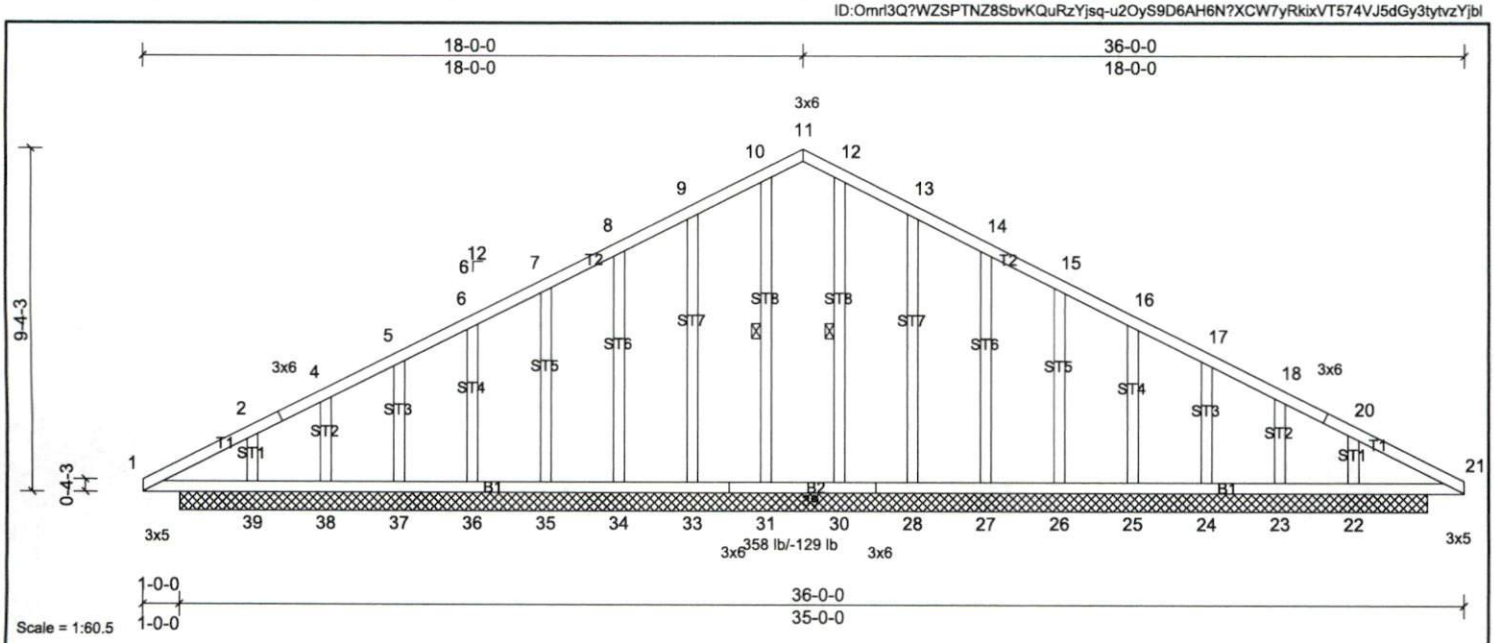

Plate Offsets (X, Y): [11:0-3-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.21	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horiz(TL)	0.01	22	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 228 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 10-31, 12-30

REACTIONS All bearings 34-0-0.

(lb) - Max Horiz 39=-157 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 22, 24, 25, 26, 27, 28, 33, 34, 35, 36, 37, 39 except 23=-121 (LC 11), 38=-129 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 23, 24, 25, 26, 27, 28, 33, 34, 35, 36, 37, 38 except 22=359 (LC 22), 30=256 (LC 1), 31=256 (LC 1), 39=359 (LC 21)

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

TOP CHORD 8-9=0/255, 9-10=-6/314, 10-11=-20/276, 11-12=-20/276, 12-13=-6/314

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) All plates are 2x3 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 3-06-00 tall by 2-00-00 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) 33, 34, 35, 36, 37, 39, 28, 27, 26, 25, 24, 22 except (jt=lb) 38=129, 23=121.
9) Non Standard bearing condition. Review required.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
23032053	A01	Truss	23	1	Job Reference (optional)

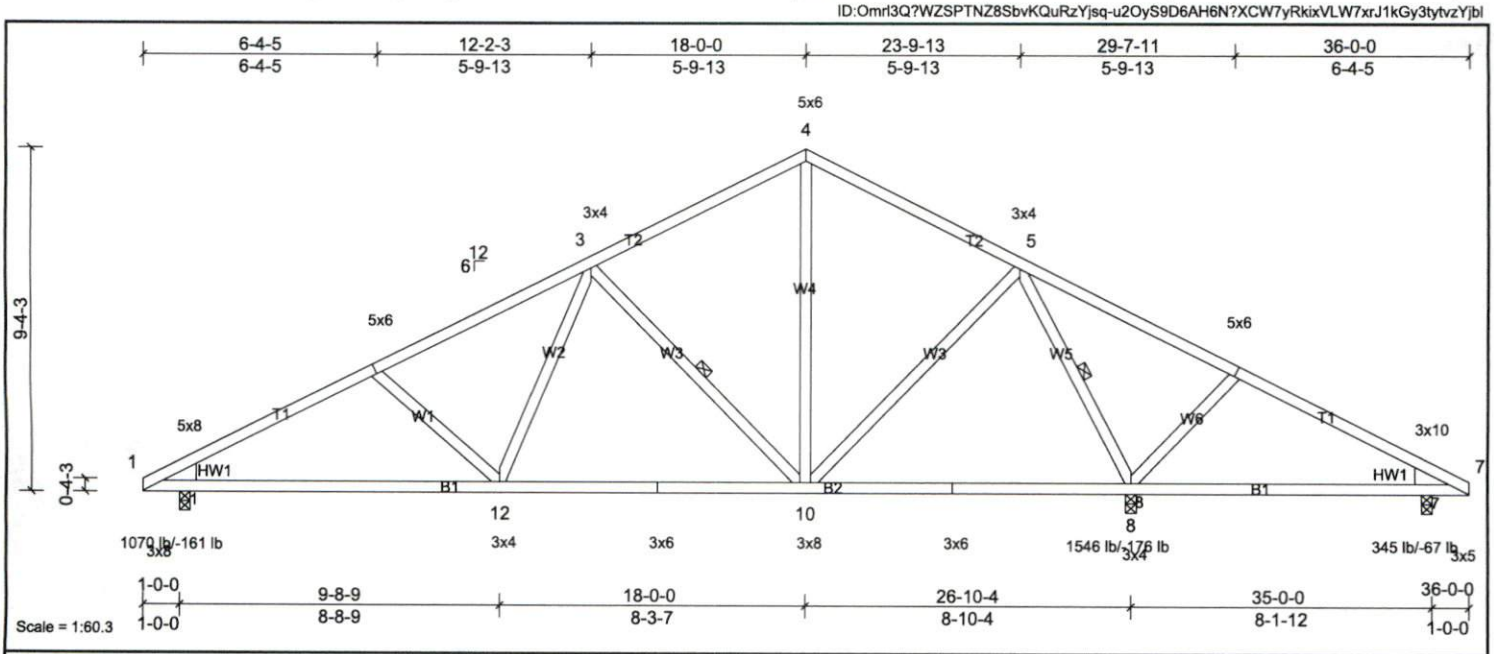

Plate Offsets (X, Y): [1:0-8-0,0-0-2], [1:0-0-8,0-11-5], [2:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:0-0-12,0-0-2], [7:0-0-4,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.72	Vert(LL)	-0.15	10-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.27	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 187 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
WEDGE	Left: 2x6 SP No.2 Right: 2x6 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-7-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 7-8.
WEBS	1 Row at midpt 3-10, 5-8

REACTIONS (lb/size) 1=1070/0-3-8, (min. 0-1-8), 7=265/0-3-8, (min. 0-1-8), 8=1546/0-3-8, (min. 0-1-13)
Max Horiz 1=157 (LC 10)
Max Uplift 1=-161 (LC 10), 7=-67 (LC 11), 8=-176 (LC 11)
Max Grav 1=1070 (LC 1), 7=345 (LC 22), 8=1546 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1531/438, 2-3=-1322/401, 3-4=-761/328, 4-5=-759/327, 5-6=-66/367
BOT CHORD 1-12=-294/1287, 12-23=-153/1008, 11-23=-153/1008, 10-11=-153/1008, 9-10=0/304, 9-24=0/304, 8-24=0/304
WEBS 3-12=-28/385, 3-10=-601/284, 4-10=-112/394, 5-10=-47/489, 5-8=-1227/386, 6-8=-346/231

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 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 3-06-00 tall by 2-00-00 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 176 lb uplift at joint 8, 161 lb uplift at joint 1 and 67 lb uplift at joint 7.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
23032053	B00	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:55 — Page: 1

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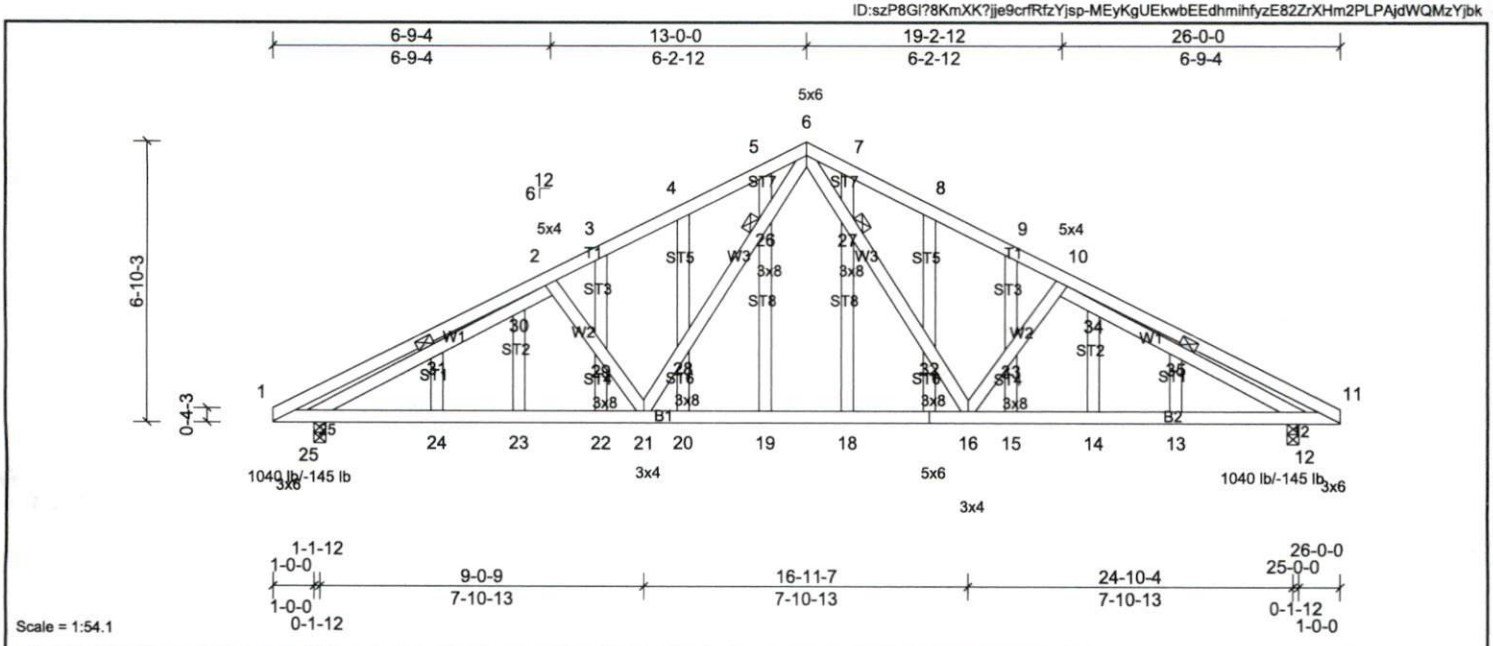

Scale = 1:54.1

Plate Offsets (X, Y): [17:0-3-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.55	Vert(LL)	-0.06	17-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.13	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.05	12	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 189 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 4-9-9 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 26, 27, 31, 35

REACTIONS (lb/size) 12=1040/0-3-8, (min. 0-1-8), 25=1040/0-3-8, (min. 0-1-8)
Max Horiz 25=113 (LC 10)
Max Uplift 12=-145 (LC 11), 25=-145 (LC 10)

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

TOP CHORD 1-2=-958/248, 2-3=-1347/431, 3-4=-1310/445, 4-5=-1327/494, 5-6=-1254/509, 6-7=-1254/509, 7-8=-1327/494, 8-9=-1310/445, 9-10=-1347/431, 10-11=-958/248

BOT CHORD 1-25=-124/773, 24-25=-275/1289, 23-24=-275/1289, 22-23=-275/1289, 21-22=-275/1289, 20-21=-92/912, 19-20=-92/912, 18-19=-92/912, 17-18=-92/912, 16-17=-92/912, 15-16=-275/1289, 14-15=-275/1289, 13-14=-275/1289, 12-13=-275/1289, 11-12=-124/773

WEBS 6-27=-202/525, 27-32=-190/485, 16-32=-188/489, 16-33=-268/144, 21-28=-188/489, 26-28=-190/485, 6-26=-202/525, 21-29=-268/144, 25-31=-584/170, 30-31=-614/175, 2-30=-579/207, 10-34=-579/207, 34-35=-614/175, 12-35=-584/170

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) All plates are 2x3 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 3-06-00 tall by 2-00-00 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 145 lb uplift at joint 25 and 145 lb uplift at joint 12.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
23032053	B01	Truss	11	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:55 — Page: 1

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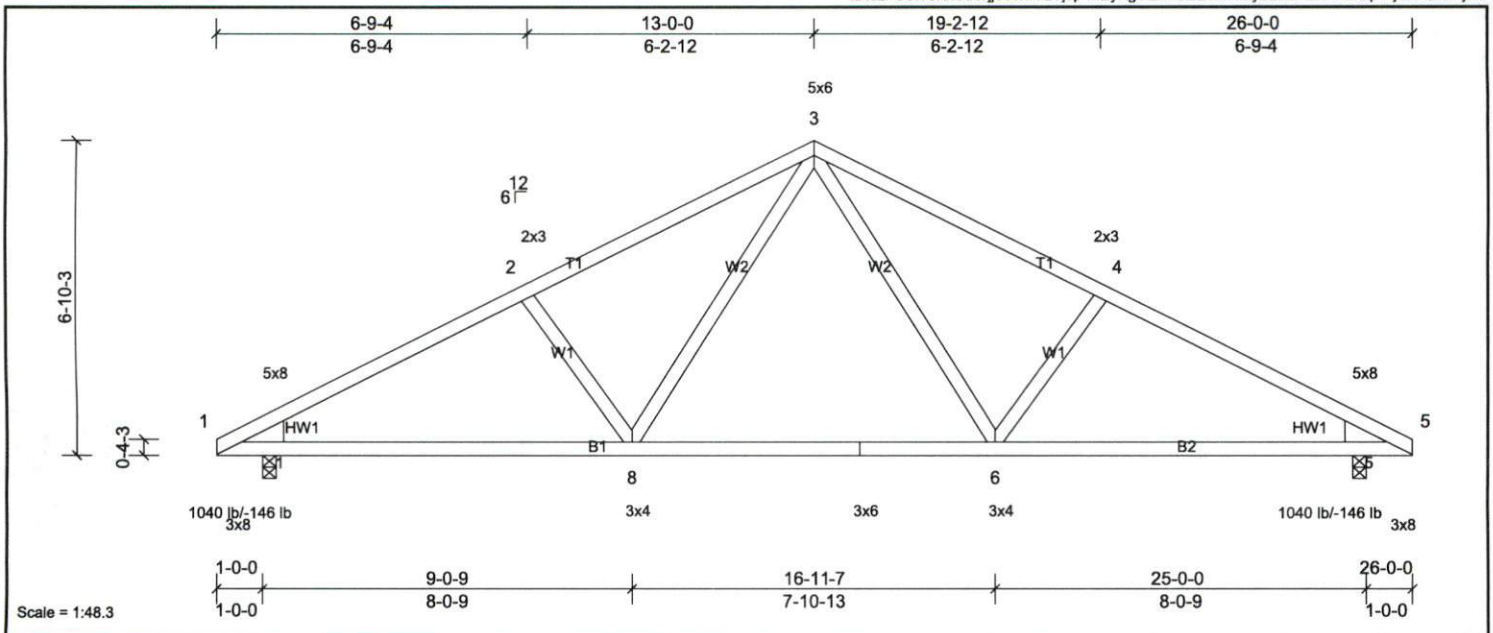

Plate Offsets (X, Y): [1:0-8-0,0-0-2], [1:0-0-8,0-11-5], [5:0-8-0,0-0-2], [5:0-0-8,0-11-5]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.70	Vert(LL)	-0.24	6-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.81	Vert(CT)	-0.40	6-8	>783	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.04	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 120 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
WEDGE	Left: 2x6 SP No.2 Right: 2x6 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-7-13 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=1040/0-3-8, (min. 0-1-8), 5=1040/0-3-8, (min. 0-1-8)
Max Horiz 1=-113 (LC 11)
Max Uplift 1=-146 (LC 10), 5=-146 (LC 11)

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

TOP CHORD	1-2=-1486/432, 2-3=-1306/433, 3-4=-1306/433, 4-5=-1486/432
BOT CHORD	1-8=-282/1250, 8-19=-98/881, 7-19=-98/881, 7-20=-98/881, 6-20=-98/881, 5-6=-282/1250
WEBS	3-6=-102/445, 4-6=-299/230, 3-8=-102/445, 2-8=-299/230

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 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 3-06-00 tall by 2-00-00 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 146 lb uplift at joint 1 and 146 lb uplift at joint 5.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
23032053	V1	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:55 — Page: 1

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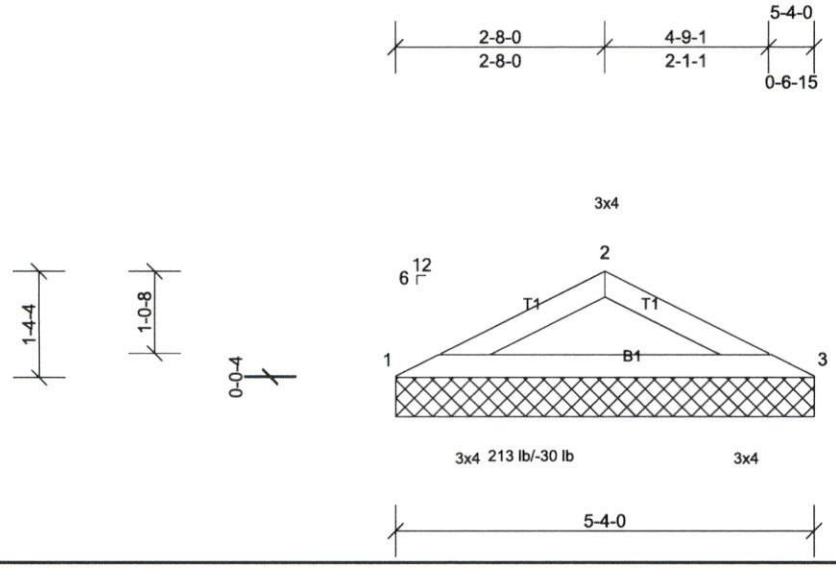

Scale = 1:28.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 15 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 5-4-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=213/5-4-0, (min. 0-1-8), 3=213/5-4-0, (min. 0-1-8)
Max Horiz 1=-21 (LC 11)
Max Uplift 1=-30 (LC 10), 3=-30 (LC 11)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-399/178, 2-3=-289/151
BOT CHORD 1-3=-145/345

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 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 3-06-00 tall by 2-00-00 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 30 lb uplift at joint 1 and 30 lb uplift at joint 3.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
23032053	V2	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:56 — Page: 1

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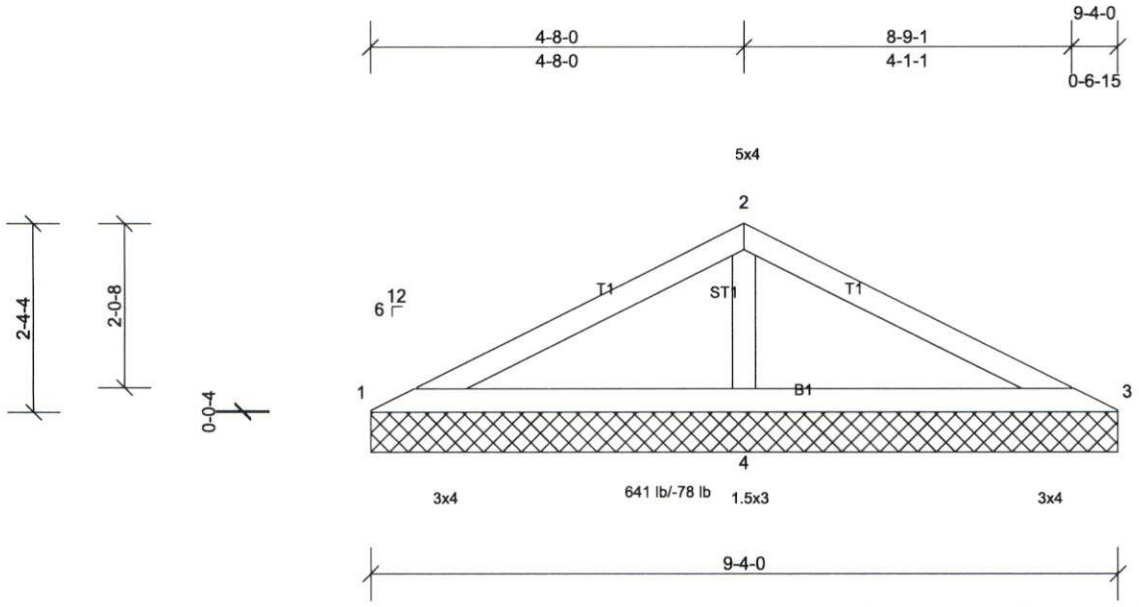

Scale = 1:27.7

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.10	Horiz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 30 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 9-4-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=53/9-4-0, (min. 0-1-8), 3=53/9-4-0, (min. 0-1-8), 4=641/9-4-0, (min. 0-1-8)
Max Horiz 1=-38 (LC 15)
Max Uplift 1=-13 (LC 10), 3=-21 (LC 11), 4=-78 (LC 10)
Max Grav 1=86 (LC 21), 3=86 (LC 22), 4=641 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-109/315, 2-3=-109/315
WEBS 2-4=-476/241

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 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 3-06-00 tall by 2-00-00 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 13 lb uplift at joint 1, 21 lb uplift at joint 3 and 78 lb uplift at joint 4.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
23032053	V3	Truss	1	1	Job Reference (optional)

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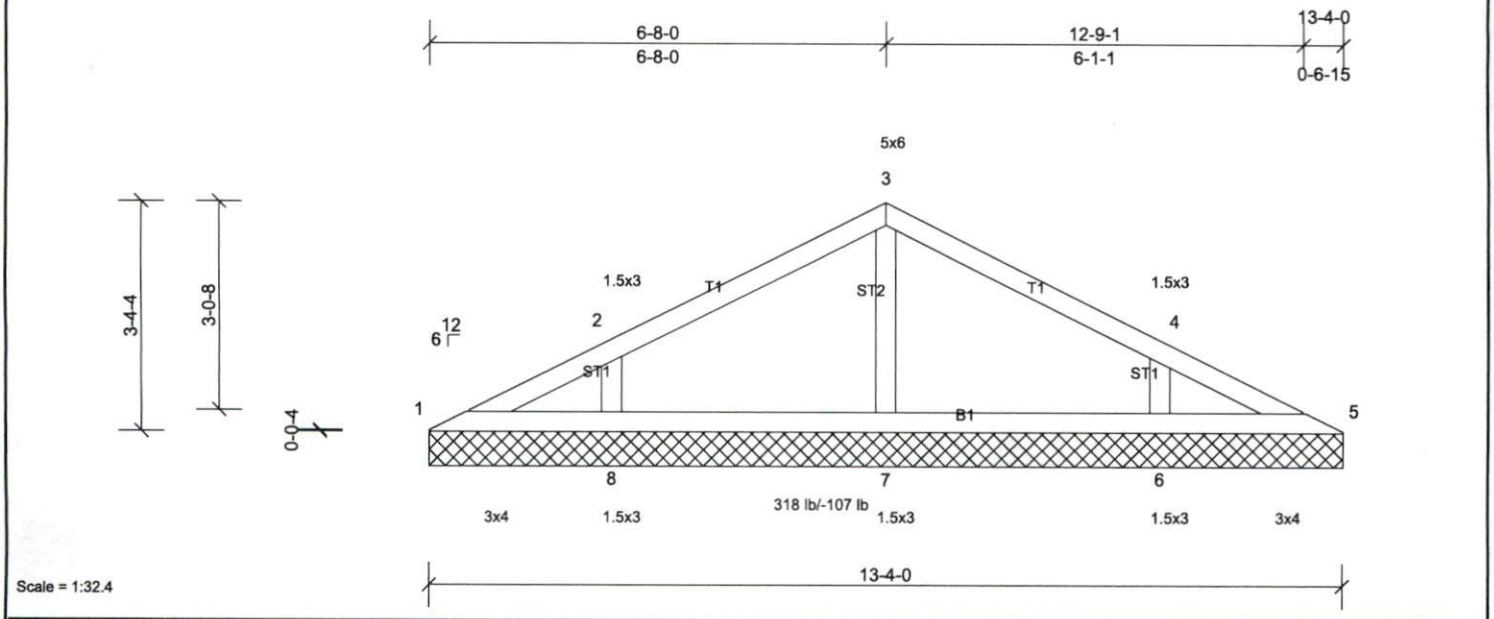

Scale = 1:32.4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 47 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 6-0-0 oc bracing.

REACTIONS All bearings 13-4-0.

(lb) - Max Horiz 1=56 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-106 (LC 11), 8=-107 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=318 (LC 22), 7=300 (LC 1), 8=318 (LC 21)

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=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 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 3-06-00 tall by 2-00-00 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=107, 6=106.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

B 26.x9

23032053