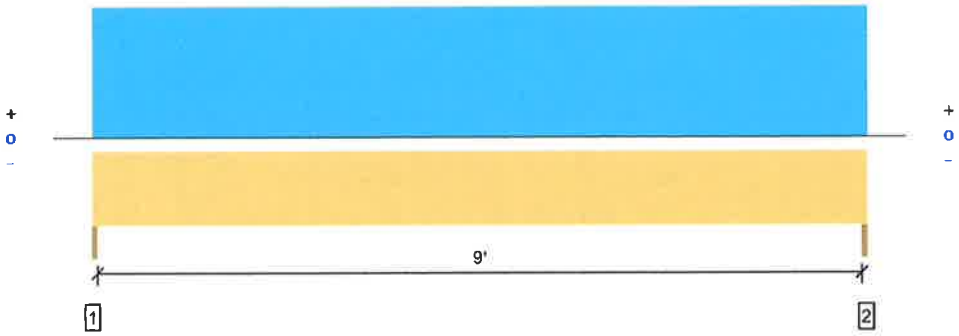
FORTE®

MEMBER REPORT *Level, Wall: Header*

PASSED

2 piece(s) 1 3/4" x 7 1/4" 2.0E Microllam® LVL

Overall Length: 9' 3"



All locations are measured from the outside face of left support (or left cantilever end).All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	626 @ 0	3806 (1.50")	Passed (16%)	--	1.0 D + 1.0 S (All Spans)
Shear (lbs)	527 @ 8 3/4"	5544	Passed (10%)	1.15	1.0 D + 1.0 S (All Spans)
Moment (Ft-lbs)	1448 @ 4' 7 1/2"	8182	Passed (18%)	1.15	1.0 D + 1.0 S (All Spans)
Live Load Defl. (in)	0.063 @ 4' 7 1/2"	0.308	Passed (L/999+)	--	1.0 D + 1.0 S (All Spans)
Total Load Defl. (in)	0.107 @ 4' 7 1/2"	0.313	Passed (L/999+)	--	1.0 D + 1.0 S (All Spans)

System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2009
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (5/16").
- Top Edge Bracing (Lu): Top compression edge must be braced at 9' 3" o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 9' 3" o/c unless detailed otherwise.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Roof Live	Snow	Total	
1 - Trimmer - SPF	1.50"	1.50"	1.50"	256	370	370	996	None
2 - Trimmer - SPF	1.50"	1.50"	1.50"	256	370	370	996	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (non-snow: 1.25)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 9' 3"	N/A	7.4			
1 - Uniform (PSF)	0 to 9' 3"	4'	12.0	20.0	20.0	Residential - Living Areas

Weyerhaeuser Notes

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The product application, input design loads, dimensions and support information have been provided by Forte Software Operator

SUSTAINABLE FORESTRY INITIATIVE

Forte Software Operator	Job Notes
Thomas Mitchell Elite Home Remodeling (614) 419-5031 twitchell1@msn.com	

3/26/2019 9:04:44 AM
Forte v5.4, Design Engine: V7.1.1.3

Estimate

Holmes Components - Sunbury
3477 N. County Rd. 605
Sunbury OH 43074
Phone: (740) 936-5077 FAX: (740) 936-5268

Holmes Lumber
The Lumberyard For Professionals

Quote In:	5/10/2019	**Job Number:**	19050089QQ
Quote Sent:		**Customer Acct #:**	
Order Date:		**Job Category:**	Roof
Estimator:	Lyndon Miller	**Sales Rep:**	Lee Gates
Truss Rep:		**Sch. Delivery**	
Customer P.O. #			

SOLD TO Elite Home Remodeling

SHIP TO 2598 Ruhl Ave
Columbus OH 43209

Job Name: Burrows Roof **Lot:** **Subdiv:**
Model: **Delivery Area**

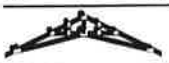
Job Notes:

Hangers

QTY	TYPE	SIZE	LENGTH	NOTE

QTY	TYPE	SIZE	LENGTH	NOTE
6	Hanger	One RT7		
Total:				

Roof Trusses

DIAGRAM	QTY PLY	PITCH	LABEL	Height Shipping (Alternate)	Base Span SPAN	LUMBER	OVERHANG LEFT	OVERHANG RIGHT	CANTILEVER LEFT	CANTILEVER RIGHT	STUB LEFT	STUB RIGHT
	3	6 /12 3 /12	R01	5-05-07	18-06-00	2 x 4	1-00-00	1-00-00	-	-	-	-
	1	6 /12 3 /12	R01SE	5-05-07	18-06-00	2 x 4	1-00-00	1-00-00	-	-	-	-
	4				**74.00**							

•Price good for 30 days.
•Temporary and permanent bracing by others.

NOTES:

Delivery	Included
Sub-Total	$523.23
7% (7%)	$36.63
Grand Total	$559.86

Accepted by Seller

BY: _____

TITLE: _____

DATE OF ACCEPTANCE: _____

Accepted by Buyer

PURCHASER: _____

BY: _____ TITLE: _____

ADDRESS: _____

_____

PHONE: _____ DATE: _____

OK JMD

Job	Truss	Truss Type	Qty	Ply	
19050089	R01	SCISSORS	3	1	Job Reference (optional)

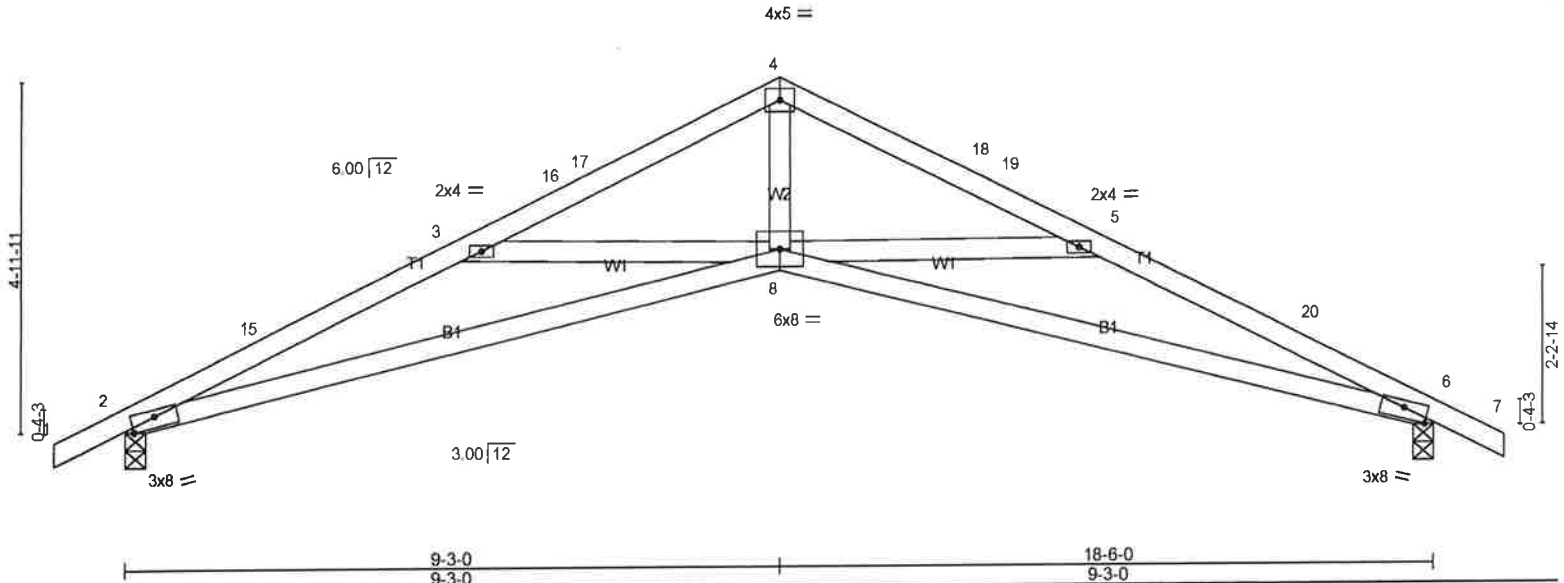
Holmes Components, Sunbury, OH 43074

8.200 s May 14 2018 MiTek Industries, Inc. Fri May 10 15:17:54 2019 Page 1

ID:1p5FGKEjZ2laGxkewKqUc_zeAOu-4ktOlz_ldlj??0KwMFOU?oRAgd1zGxYgczbGNEzHtYR

-1-0-0 1-0-0 | 5-0-7 5-0-7 | 9-3-0 4-2-9 | 13-5-9 4-2-9 | 18-6-0 5-0-7 | 19-6-0 1-0-0

Scale = 1:32.6



9-3-0 9-3-0 | 18-6-0 9-3-0

Plate Offsets (X,Y)-- [2:0-4-0,Edge], [6:0-4-0,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	0.28	Vert(LL)	-0.16	8-11	>999	240	MT20	197/144
Snow (Pf/Pg)	15.4/20.0	Lumber DOL	1.15	BC	0.70	Vert(TL)	-0.48	8-11	>465	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.21	6	n/a	n/a		
BCLL	0.0 *	Code OHIORC13/TPI2007		Matrix-MS							Weight: 61 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 2=706/0-3-8 (min. 0-1-8), 6=706/0-3-8 (min. 0-1-8)
Max Horz 2=56(LC 12)
Max Uplift2=-68(LC 12), 6=-68(LC 13)
Max Grav 2=800(LC 2), 6=800(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-2172/153, 3-15=-2124/172, 3-16=-1641/14, 16-17=-1589/16, 4-17=-1581/30, 4-18=-1581/40, 18-19=-1589/26, 5-19=-1641/23, 5-20=-2124/121, 6-20=-2172/102
BOT CHORD 2-8=-149/1977, 6-8=-66/1977
WEBS 4-8=0/1140, 3-8=-528/189, 5-8=-528/195

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 9-3-0, Exterior(2) 9-3-0 to 12-3-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-05; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Partially Exp.; Ct=1.1
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
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) Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
19050089	R01SE	GABLE	1	1	Job Reference (optional)

Holmes Components, Sunbury, OH 43074

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ID:1p5FGKEjZ2laGxkewKqUc_zeAOu-YxRmwJ?NOcrscAu6vzwjY?_LQ1NC?OopqdKpvhzHtYQ

-1-0-0	5-0-7	9-3-0	13-5-9	18-6-0	19-6-0
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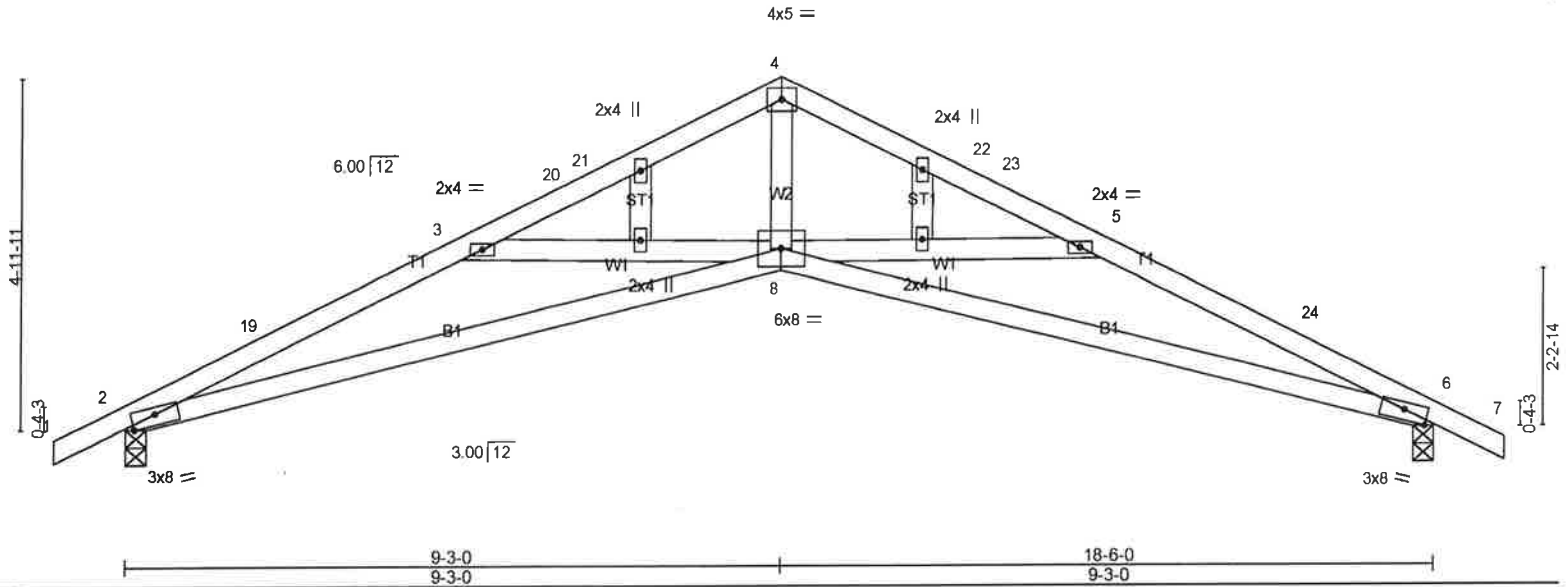
Scale = 1:32.6



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BCDL	10.0											

LUMBER-

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BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF No.2
OTHERS	2x4 SPF No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-10-1 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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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) TCLL: ASCE 7-05; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Partially Exp.; Ct=1.1
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8) Gable studs spaced at 2-0-0 oc.
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LOAD CASE(S) Standard

Summary
Land Profile
Residential
Commercial
Improvements
Permits
Mapping
Sketch
Photo
StreetSmart
Aerial Photos
Transfers
BOR Status
CAUV Status
Tax & Payments
Tax Distribution
Tax Calculators
Value History
Rental Contact
Incentive Details
Quick Links

ParcelID: 020-002417-00
BURROWS ANNA M

Map-Rt