

Job	Truss	Truss Type		Qty	Ply	ENVISION NW	
1903888F	F01	Floor Supported Gable		1	1	Job Reference (optional)	
Louws Truss, Inc., Ferndale, W	A 98248		ID:torAC	v2ul BIN		8.310 s Jun 26 2019 MiTek Industries, Inc. Fri vntyz1pO-OMIKyWL63EqW0d66?uRr3HE	Jul 12 12:33:11 2019 Page 1
			ID.ISIAC				
							ЧЧ
							Scale = 1:22.8
1 2	3 4	5 6	ծ աղ T1	7 911	8	9 10	11 12
	<u>Å</u>		X Y	<u>Å</u>			
9₩1 ST1	ST1 S	T1 ST1 5	ST1	ST1	S	TI STI STI	ST1 E3 0 4
			<u>ы</u> В1	B			
			××××××	XXX	\times		
24 23	22 21	20 1	19	18	1	7 16 15	14 13
							3x4 =
0-3-8			13-7-0				13-10 . 8
0-3-8 0-3-8		10]	13-3-8				<u>13-10</u> -8 0-3-8
Plate Offsets (X, Y) [1:E	Edge,0-0-12], [25:0-1-8,0-0	-12]					

LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.07 BC 0.02 WB 0.02 Matrix-R	DEFL. ir Vert(LL) n/z Vert(CT) n/z Horz(CT) 0.00	a - n/a 999	PLATES MT20 Weight: 56 lb	GRIP 220/195 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 DF BOT CHORD 2x4 DF WEBS 2x4 DF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing except end verticals. Rigid ceiling directly applie		•

2x4 DF No.2(flat) 2x4 DF No.2(flat) WFBS OTHERS

REACTIONS. All bearings 13-10-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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

NOTES-

1) All plates are 1.5x4 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

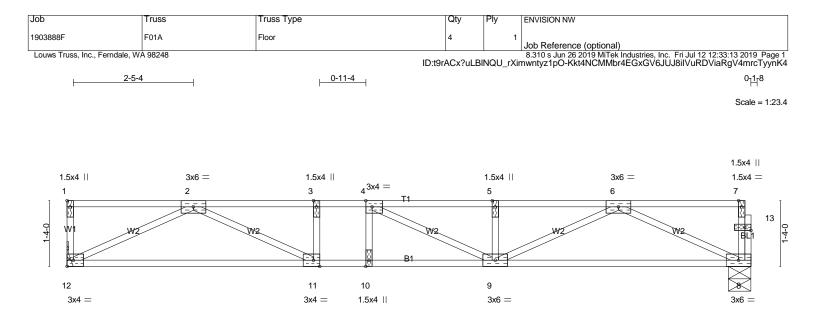
- 5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.

Strongbacks to be attached to walls at their outer ends or restrained by other means. 7) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

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0-3-8 0-3-8	5-1-8	5-7-2 6-0-12		13-7-0		13-10 ₇ 8
0-3-8	4-10-0	0-5-10'0-5-10'		7-6-4		0-3-8
Plate Offsets (X,Y)	[1:Edge,0-0-12], [4:0-1-8,Edge], [11:	0-1-8,Edge], [13:0-1-8,0-	-0-12]	1		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.48 BC 0.71 WB 0.25 Matrix-SH	DEFL. in Vert(LL) -0.12 Vert(CT) -0.16 Horz(CT) 0.03		PLATES MT20 Weight: 64 lb	GRIP 220/195 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 DI BOT CHORD 2x4 DI WEBS 2x4 DI			(Structural wood sheathing d except end verticals. Rigid ceiling directly applied		•

REACTIONS. (lb/size) 8=747/0-5-8 (min. 0-1-8), 12=753/Mechanical

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

TOP CHORD 2-3=-2062/0, 3-4=-2062/0, 4-5=-2056/0, 5-6=-2056/0

BOT CHORD 11-12=0/1312, 10-11=0/2062, 9-10=0/2062, 8-9=0/1329

WEBS 6-8=-1464/0, 2-12=-1457/0, 6-9=0/808, 2-11=0/844, 5-9=-295/0, 4-9=-305/223

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

3) 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.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.

Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

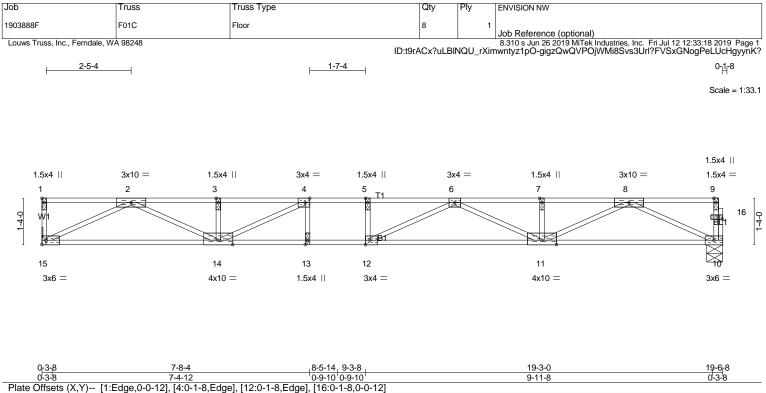
Established Basic Permit #

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Job	Truss	Truss Type	Qty	Ply	ENVISION NW]
1903888F	F01B	Floor	1	-	1			
Louws Truss, Inc., Ferndal					Job Reference (optio	nal) Tek Industries, Inc., Fi	ri .lul 12 12:33:16 2019	Page 1
Louis Huss, no., Fornadi	5, WY 00240		ID:t9rACx?uLBIN	lQU_rXir	8.310 s Jun 26 2019 Mi nwntyz1pO-kJYD?EPF1		w0yeHivws6B1?VDo	yynK1
2-5-4		0-8-12				0-7-8	0- <u>1</u> -	-8
							Scale =	= 1:32.3
	$3x4 \equiv$	$3x4 \equiv$	3x6 =			3x4 = 3x4 =		
1 т Фл	2 3	4 5	6		7 •••	8 9	10 •••	Ŧ
			110	240				19 ₀
0-4-1 M1 W2	AAX II		W2	TAX	A A			19 ₀ 4+
			B1					l
18	17	16 15				XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
3x4 =	3x6 =				3x6 =		3x6 =	=
		8-5-0				16-8-12		
0 <u>-3-8</u> 0-3-8	7-8-4	8-0-10 0-4-6	<u>13-5-12</u> 5-0-12		16-1-4	16-5 ₁ 0 0-3-12	<u>19-3-0 19-6</u> 8 2-6-4 0-3-8	;
		<u>-4-6</u> e], [8:0-1-8,Edge], [9:0-1-8,Edge]		0.0-1-8		0-3-12	204 000	
				9.0-1-0,				
LOADING (psf) TCLL 40.0	SPACING- 2-0-0 Plate Grip DOL 1.00			(loc) 16-17	l/defl L/d >999 480	PLATES MT20	GRIP 220/195	
TCDL 10.0	Lumber DOL 1.00	BC 0.62	Vert(CT) -0.13	3 16-17	>999 360	10120	220/100	
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2015/TPI2014		Horz(CT) 0.02	2 14	n/a n/a	Weight: 91	lb FT = 20%F,	11%E
LUMBER-			DRACING					
TOP CHORD 2x4 DI	F No.2(flat)		BRACING- TOP CHORD	Struct	ural wood sheathing o	directly applied or	6-0-0 oc purlins,	
BOT CHORD 2x4 DI WEBS 2x4 DI	F No.2(flat) F No.2(flat)		BOT CHORD		t end verticals.		ing	
-			BOT CHORD	Rigiu	ceiling directly applied		ang.	
	earings 6-1-8 except (jt=length	 i) 18=Mechanical. joint(s) 11 except 13=-350(LC 	3)					
		ss at joint(s) 11, 13 except 14=		C 3), 12	2=368(LC 1)			
FORCES. (lb) - Max	Comp /Max Ten - All forces	250 (lb) or less except when s	hown					
TOP CHORD 2-3=	-1603/0, 3-4=-1603/0, 4-5=-13	70/0, 5-6=-1370/0, 6-7=0/990,						
	0/258 8=0/1082. 16-17=0/1370. 15-1	6=0/1370, 14-15=0/432, 13-14	4=-258/0. 12-13=-258/).				
11-1	2=-258/0			-,				
		1580/0, 2-17=0/579, 6-15=0/1 0/286, 8-14=-817/0, 8-13=-43/3						
NOTES-								
	ive loads have been considere	ed for this design.						
	4 MT20 unless otherwise indic or truss to truss connections.	ated.						
4) Provide mechanica		ss to bearing plate capable of	withstanding 100 lb up	lift at jo	int(s) 11 except (jt=lb))		
13=350. 5) This truss is design	ned in accordance with the 20	15 International Residential Co	de sections R502 11	1 and R	802.10.2 and			
referenced standa	rd ANSI/TPI 1.							
		at 10-0-0 oc and fastened to e r ends or restrained by other m		0.131")	x 3") nails.			
	erect truss backwards.							
LOAD CASE(S) Stan	dard							

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BCDL 5.0 LUMBER- TOP CHORD 2x4 DI	Code IRC2015/TPI2014	Matrix-SH	BRACING-	Weight: 88 lb FT = 20%F, 11%E
TCLL 40.0 TCDL 10.0 BCLL 0.0	Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	TC 0.87 BC 0.67 WB 0.38	Vert(LL) -0.37 11-12 >619 480 Vert(CT) -0.53 11-12 >438 360 Horz(CT) 0.07 10 n/a n/a	MT20 220/195
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP

WEBS 2x4 DF No.2(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 10=1058/0-5-8 (min. 0-1-8), 15=1064/Mechanical

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

TOP CHORD 2-3=-3291/0, 3-4=-3291/0, 4-5=-4185/0, 5-6=-4185/0, 6-7=-3345/0, 7-8=-3345/0

BOT CHORD 14-15=0/1946, 13-14=0/4185, 12-13=0/4185, 11-12=0/4082, 10-11=0/1997

WEBS 8-10=-2202/0, 2-15=-2162/0, 8-11=0/1498, 2-14=0/1494, 3-14=-271/31, 6-11=-818/0, 4-14=-1179/0, 6-12=-248/548

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and

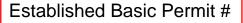
referenced standard ANSI/TPI 1.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.

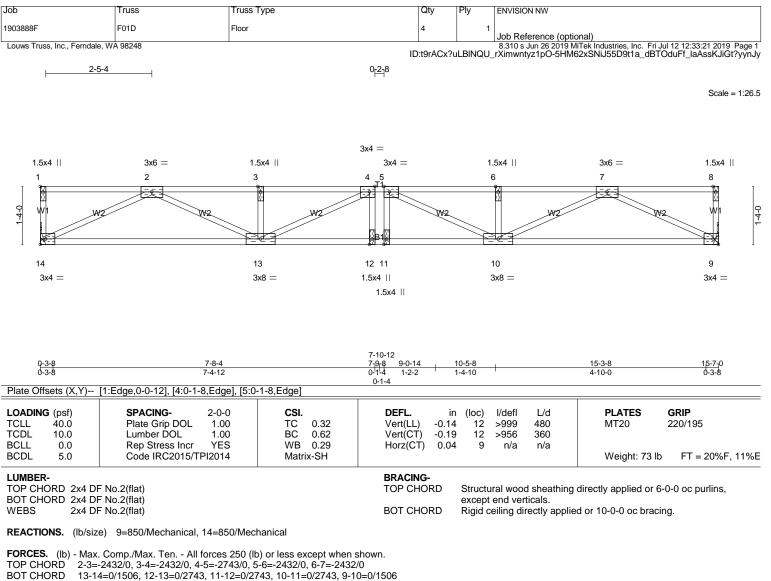
Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



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WEBS 7-9=-1673/0, 2-14=-1673/0, 7-10=0/1028, 2-13=0/1028, 6-10=-262/0, 3-13=-262/0, 5-10=-501/49, 4-13=-501/49

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

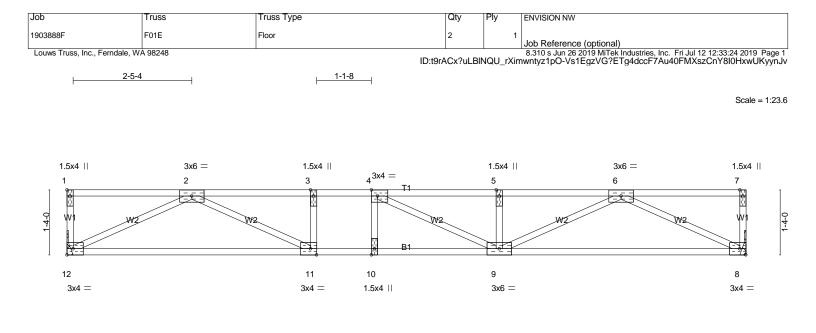
3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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Q-3-8	5-1-8	5-8-4 6-3-0		13-7-12	13-11 ₁ -4
0-3-8	4-10-0	0-6-12'0-6-12'		7-4-12	0-3-8
Plate Offsets (X,Y)	[1:Edge,0-0-12], [4:0-1-8,Edge], [11:	0-1-8,Edge]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.51 BC 0.77 WB 0.25 Matrix-SH	- ()	4 9-10 >999 480 3 9-10 >919 360	GRIP 220/195 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 DI BOT CHORD 2x4 DI WEBS 2x4 DI			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d except end verticals. Rigid ceiling directly applied	 •

REACTIONS. (lb/size) 8=760/Mechanical, 12=760/Mechanical

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

TOP CHORD 2-3=-2099/0, 3-4=-2099/0, 4-5=-2076/0, 5-6=-2076/0

BOT CHORD 11-12=0/1326, 10-11=0/2099, 9-10=0/2099, 8-9=0/1319

WEBS 6-8=-1465/0, 2-12=-1473/0, 6-9=0/840, 2-11=0/874, 5-9=-301/0, 3-11=-257/0, 4-9=-330/210

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

3) 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.

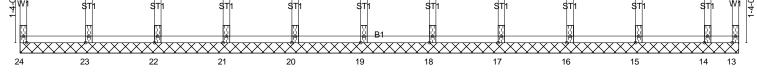
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard



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Job	Truss	Truss Type	Qty	Ply	ENVISION NW
1903888F	F01G	Floor Supported Gable	1	1	Job Reference (optional)
Louws Truss, Inc., Ferndale, WA	A 98248	ID:t9rAC	x?uLBING	U_rXimwi	8.310 s Jun 26 2019 MiTek Industries, Inc. Fri Jul 12 12:33:26 2019 Page 1 htyz1pO-SE9?5fWWXrjOJwm_NYDMARKp0gqTFVLbUbQ1YDyynJt
					Scale = 1:22.3
1 2	3	4 5 6	7		8 9 10 11 12



0-3-8 0-3-8 Plate Offsets (X,Y)	[1:Edge,0-0-12]		13-7-12 13-4-4		13-11 ₇ 4 0-3-8
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.07 BC 0.01 WB 0.02 Matrix-R	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	PLATES GRIP MT20 220/195 Weight: 55 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 DF BOT CHORD 2x4 DF WEBS 2x4 DF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of except end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, d or 10-0-0 oc bracing.

2x4 DF No.2(flat) 2x4 DF No.2(flat) WFBS OTHERS

REACTIONS. All bearings 13-11-4.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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

NOTES-

1) All plates are 1.5x4 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

5) 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.

6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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Job	Truss	Truss Type		Qty	Ply	ENVISION NW			
1903888F	F02	Floor Supported Gable		1	1	Job Reference (optic	nal)		
Louws Truss, Inc., Ferndale,	WA 98248			ID:t9rACx?u	LBINQU_r	8.310 s Jun 26 2019 M Kimwntyz1pO-spr7jgZ	Tek Industries, I Ppm5zBOUZ2	nc. Fri Jul 12 12:3 gm3n4yLltsESs	3:29 2019 Page 41AZeh9Xyyn
0 ₁₁ 8									0 ₁ 18
									Scale: 1/2"=
1 2	3	4 5	6	7	8	9	10	11	12
						ମ ୍ମ ମ୍ବି .		9.1 (1	
25 ^[2] 9 [4] 7 BL1 ST1	ST1	STI STI	ST1	ST1	ST1	ST1	ST1	ST1	26 <u></u>
	- 				T.T	T,T	1.1		
	XXXXXXXXX		B1 XXXXXXX		XXXX	XXXXXXXXX	XXXXXX		
24 23	22	21 20	19	18	17	16	15	14	13
3x4 =									3x4 =

0-3-8 0-3-8 Plate Offsets (X,Y)	[1:Edge,0-0-12], [25:0-1-8,0-0-12], [2	6:0-1-8,0-0-12]	14-3-0 13-11-8			<u>14-6-</u> 8 0-3-8
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.02 Matrix-R	DEFL. i Vert(LL) n/: Vert(CT) n/: Horz(CT) 0.0	a - n/a 999	PLATES MT20 Weight: 59 lb	GRIP 220/195 FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing c except end verticals. Rigid ceiling directly applied		•

REACTIONS. All bearings 14-6-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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

NOTES-

1) All plates are 1.5x4 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

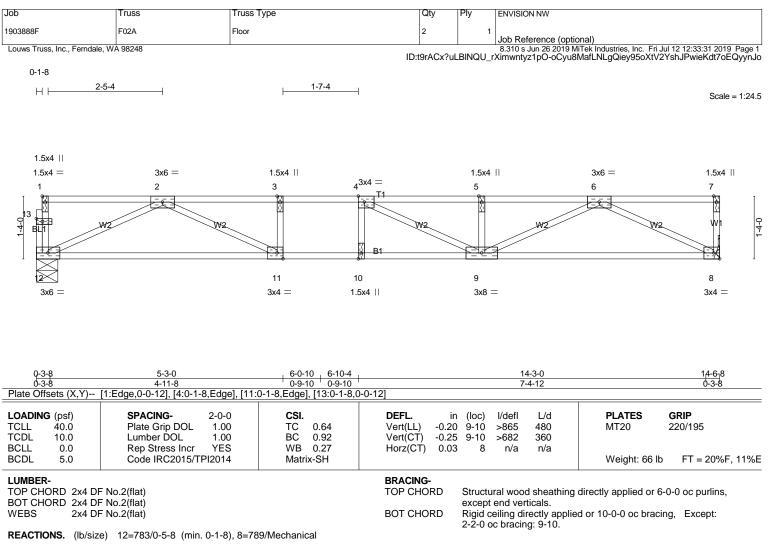
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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

TOP CHORD 2-3=-2260/0, 3-4=-2260/0, 4-5=-2204/0, 5-6=-2204/0

BOT CHORD 11-12=0/1413, 10-11=0/2260, 9-10=0/2260, 8-9=0/1381

WEBS 6-8=-1534/0, 2-12=-1556/0, 6-9=0/914, 2-11=0/969, 5-9=-315/0, 3-11=-295/0, 4-9=-395/188

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections

3) 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.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.

Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



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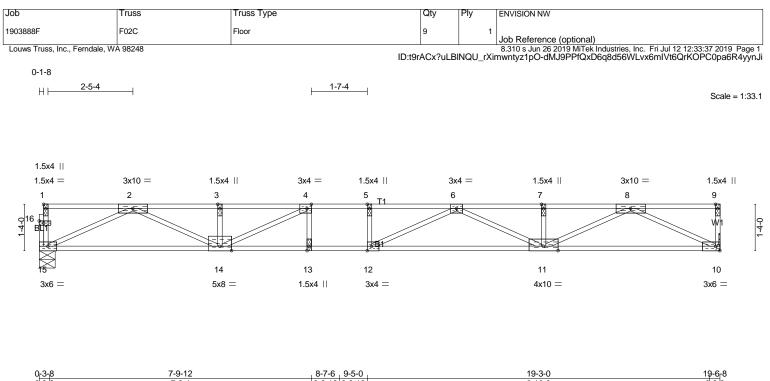
Job	Truss	Truss Type	Qty	Ply	ENVISION NW]
1903888F	F02B	Floor	1		1		
Louws Truss, Inc., Ferndale	e, WA 98248				Job Reference (option 8.310 s Jun 26 2019 Mi	Tek Industries, Inc. Fri Ju	Il 12 12:33:34 2019 Page 1
0-1-8			ID:t9rACx?uLB	NQU_r	Kimwntyz1pO-Dne0nOd.	XelkFH9NXrDMEU/g	3muTF736mKrMSrlyynJl
8 1 2-4-4	1-2-10 0-0-8 1-2-10	2-4-4 2-5-	4 1-3-12 0-0-	8			
	1 1111 11	·					Scale = 1:32.3
			3x4 =	=			
	$3x4 \equiv 4x4 \equiv$	3x6 =	3:	x4 =		$3x4 \equiv$	
1 ⊺ 10⊒	2 34 5	6	7 89 T1 1 1-29	~ 1	10 សា	11	12 12
22 + Bit W2		W2 CW			TANA	W	
4 BU1 WE		WE W			- Vra	WE	W4 W1
		<u> </u>					<u> </u>
	$\frac{\times\times\times\times\times\times\times\times}{20} \frac{1}{19} \times \frac{1}{18}$		17 16	15	14		13
3x6 =	3x4 = 3x6	=	3x8 =		3x6 =		3x4 =
	5-4-12 11-6 4-7-11 ₁ 5-4-0	11-9-12		13-1-6	14-5-0	19-3-0	19-6 ₇ 8
	-7-14 0-8-5 0-8-5 0-0-12			1-3-10	1-3-10	4-10-0	d-3-8
	[1:Edge,0-0-12], [4:0-1-8,Edge	j, [8:0-1-8,Edge], [9:0-1-8,Edg	ge], [20:0-1-8,Edge], [2 	2:0-1-8	,0-0-12]		
LOADING (psf) TCLL 40.0	SPACING- 2-0-0 Plate Grip DOL 1.00			(loc) 14-15	l/defl L/d >999 480	PLATES MT20	GRIP 220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.40	Vert(CT) -0.10	13-14	>999 360	11120	220/100
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2015/TPI2014		Horz(CT) 0.01	13	n/a n/a	Weight: 95 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 DF			TOP CHORD		ural wood sheathing o	directly applied or 6-	0-0 oc purlins,
BOT CHORD 2x4 DF WEBS 2x4 DF	- No.2(flat) - No.2(flat)		BOT CHORD		t end verticals. ceiling directly applied	d or 6-0-0 oc bracing].
REACTIONS. All be	earings 5-5-8 except (it=length)) 13-Mechanical		-		-	
(lb) - Max U	Jplift All uplift 100 lb or less at	joint(s) except 21=-135(LC 4)					
Max G	Grav All reactions 250 lb or les	s at joint(s) 21 except 18=18	13(LC 1), 20=437(LC 1)), 13=64	43(LC 4)		
	. Comp./Max. Ten All forces 2 0/633, 3-4=0/633, 4-5=0/1492,						
8-9=-	-1431/0, 9-10=-1581/0, 10-11=	-1581/0					
	1=-342/42, 19-20=-633/0, 18-1 5=0/1431, 13-14=0/1079	9=-633/0, 16-17=0/1431, 15-	16=0/1431,				
	=-41/382, 4-18=-1187/0, 2-20= 4=0/558, 6-17=0/1154, 10-14=∙						
	+=0/000, 0-17=0/110 4 , 10 - 14= [.]	200,0, 3-14-107/000, 0-17=	- 511/0, 0-10-0/200				
NOTES- 1) Unbalanced floor li	ve loads have been considered	d for this design.					
2) All plates are 1.5x4	4 MT20 unless otherwise indica						
4) Provide mechanica	or truss to truss connections. al connection (by others) of trus	ss to bearing plate capable of	withstanding 135 lb up	lift at jo	int 21 and 910 lb upli	ft	
at joint 19. 5) This truss is design	ned in accordance with the 201	5 International Residential C	ode sections R502.11 1	l and R	802.10.2 and		
referenced standar	rd ANSI/TPI 1.						
 b) Recommend 2x6 s 	trongbacks, on edge, spaced a	at 10-0-0 oc and fastened to	each truss with 3-10d (U.131" .	x 3°) nails.		

6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Established Basic Permit

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0-3-8	7-6-4	'0-9-10'0-9-10'	9-10-0	0'-3-'8
Plate Offsets (X,Y) [1:Edge,0-0-12], [4:0-1-8,Edge], [12:	D-1-8,Edge], [16:0-1-8,0-0-12]	F	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. DEFL. TC 0.86 Vert(LL) BC 0.67 Vert(CT) WB 0.38 Horz(CT)	in (loc) l/defl L/d -0.37 11-12 >627 480 -0.52 11-12 >443 360 0.07 10 n/a n/a	PLATES GRIP MT20 220/195
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 88 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 DF BOT CHORD 2x4 DF WEBS 2x4 DF	()	BRACING TOP CHO BOT CHO	RD Structural wood sheathing dir except end verticals.	ectly applied or 2-2-0 oc purlins,

REACTIONS. (lb/size) 15=1058/0-5-8 (min. 0-1-8), 10=1064/Mechanical

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

TOP CHORD 2-3=-3319/0, 3-4=-3319/0, 4-5=-4191/0, 5-6=-4191/0, 6-7=-3318/0, 7-8=-3318/0

BOT CHORD 14-15=0/1986, 13-14=0/4191, 12-13=0/4191, 11-12=0/4070, 10-11=0/1957

WEBS 8-10=-2173/0, 2-15=-2190/0, 8-11=0/1512, 2-14=0/1481, 3-14=-272/30, 6-11=-835/0, 4-14=-1161/0, 6-12=-233/561

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

3) 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.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.

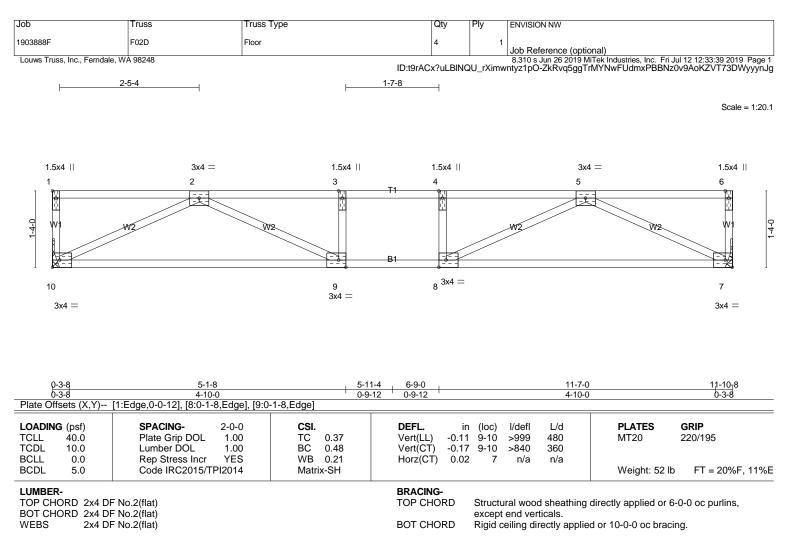
Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard







REACTIONS. (lb/size) 7=646/Mechanical, 10=646/Mechanical

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

TOP CHORD 2-3=-1574/0, 3-4=-1574/0, 4-5=-1574/0

BOT CHORD 9-10=0/1088, 8-9=0/1574, 7-8=0/1088

WEBS 5-7=-1208/0, 2-10=-1208/0, 5-8=0/618, 2-9=0/618

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

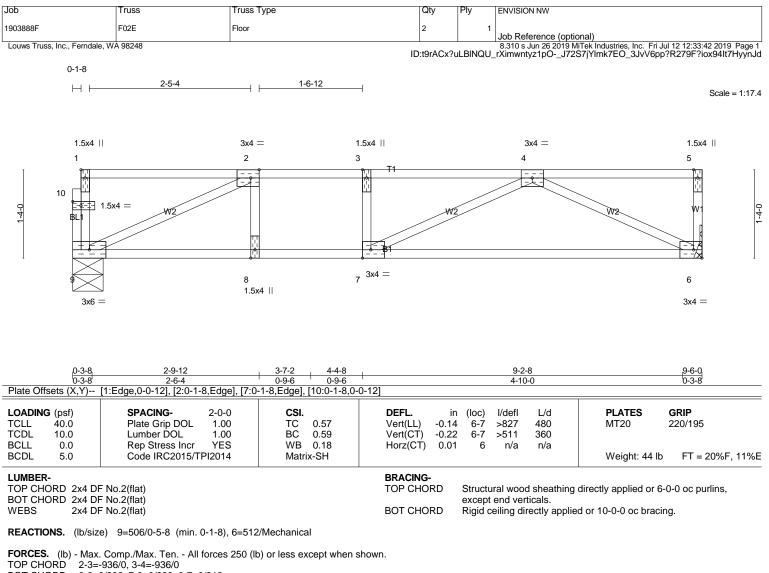
3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard







BOT CHORD 8-9=0/936, 7-8=0/936, 6-7=0/812 4-6=-902/0, 2-9=-1025/0, 4-7=0/274

WEBS

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

3) 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.

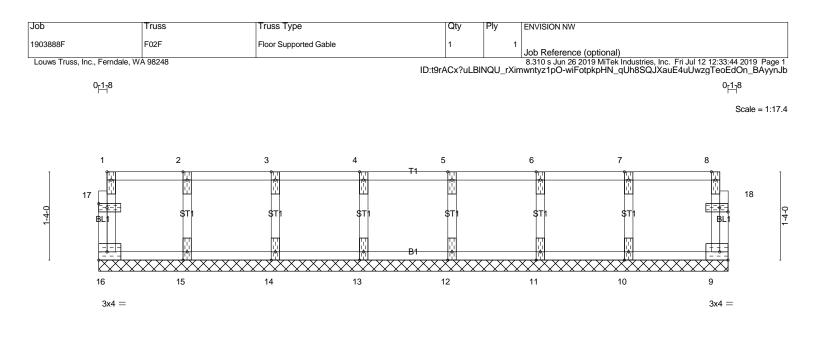
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.

Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

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0-3-8			9-2-8		9-6-0
0-3-8 Plate Offsets (X,Y)	[1:Edge,0-0-12], [17:0-1-8,0-0-12], [1	8:0-1-8,0-0-12]	8-11-0		0-3-8
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.07 BC 0.01 WB 0.02 Matrix-R	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	PLATES GRIP MT20 220/195 Weight: 40 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 DF BOT CHORD 2x4 DF WEBS 2x4 DF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d except end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, or 10-0-0 oc bracing.

OTHERS 2x4 DF No.2(flat)

REACTIONS. All bearings 9-6-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 16, 9, 15, 14, 13, 12, 11, 10

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

NOTES-

1) All plates are 1.5x4 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

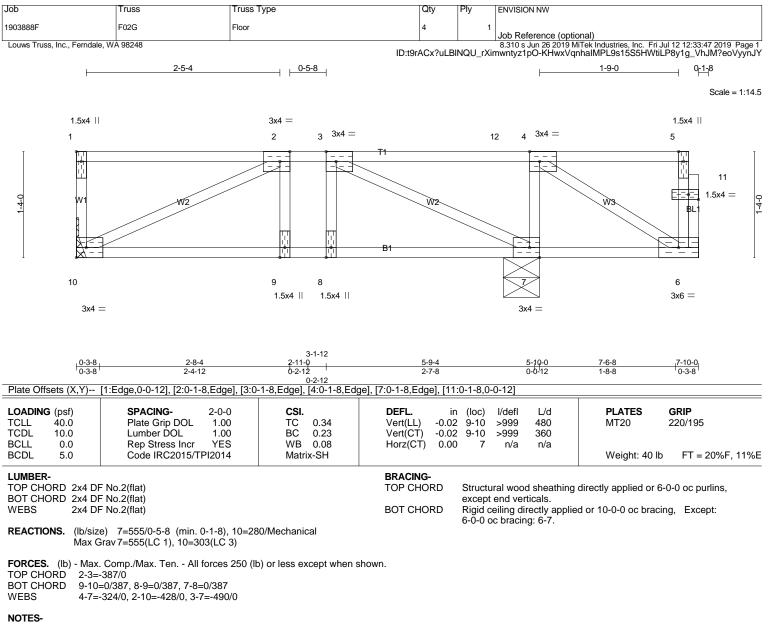
4) Gable studs spaced at 1-4-0 oc.

- 5) 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.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Established Basic Permit





1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

 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.

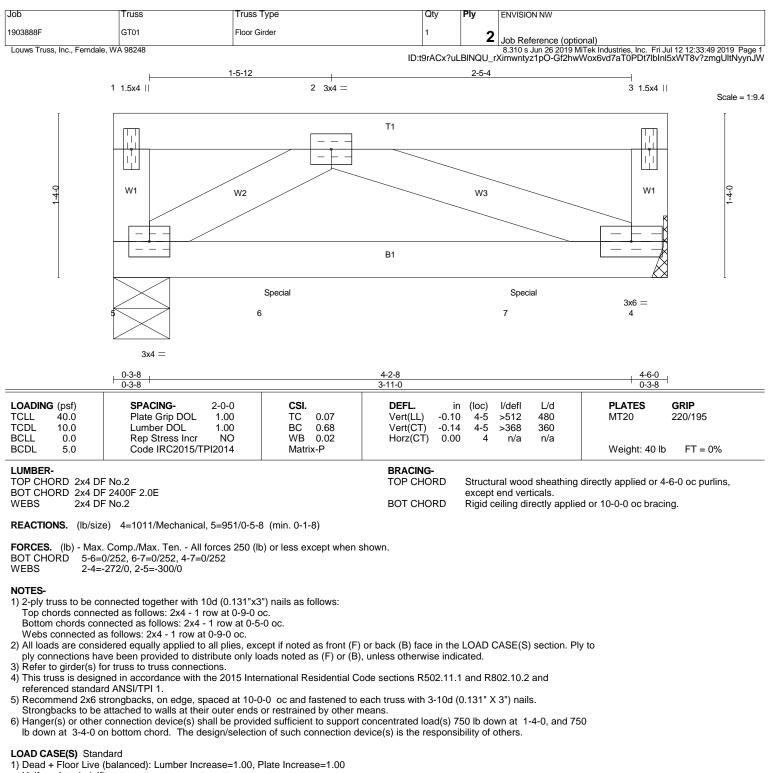
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.

Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

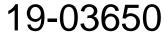
Established Basic Permit #

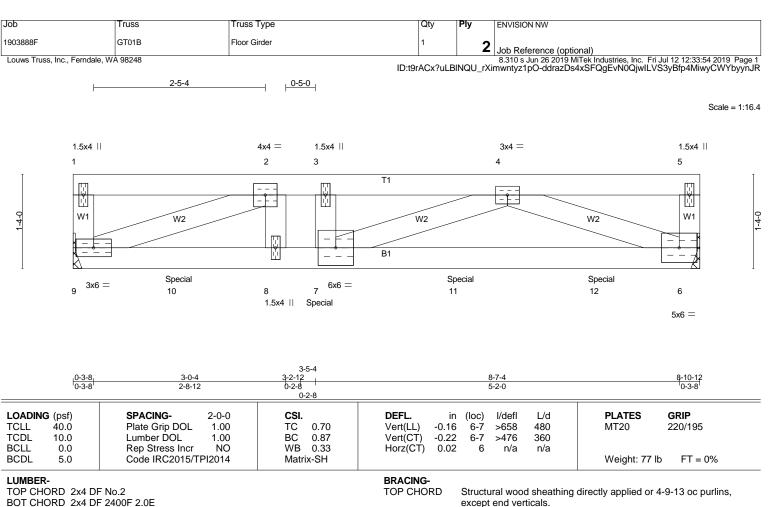
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Uniform Loads (plf) Vert: 4-5=-10, 1-3=-100 Concentrated Loads (lb) Vert: 6=-750(F) 7=-750(F)

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BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

WEBS 2x4 DF No.2

REACTIONS. (lb/size) 6=2182/Mechanical, 9=2125/Mechanical

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

TOP CHORD 2-3=-4771/0, 3-4=-4771/0, 4-5=-580/0

BOT CHORD 9-10=0/4771, 8-10=0/4771, 7-8=0/4771, 7-11=0/3301, 11-12=0/3301, 6-12=0/3301

WEBS 4-6=-2934/0, 2-9=-4924/0, 4-7=0/1720, 2-8=0/486, 3-7=0/1197

NOTES-

Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.

Bottom chords connected as follows: 2x4 - 1 row at 0-4-0 oc.

Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to

ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

3) Unbalanced floor live loads have been considered for this design.

4) Refer to girder(s) for truss to truss connections.

5) 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.

6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 840 lb down at 1-6-0, 840 lb down at 3-6-0, and 840 lb down at 5-6-0, and 840 lb down at 5-6-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

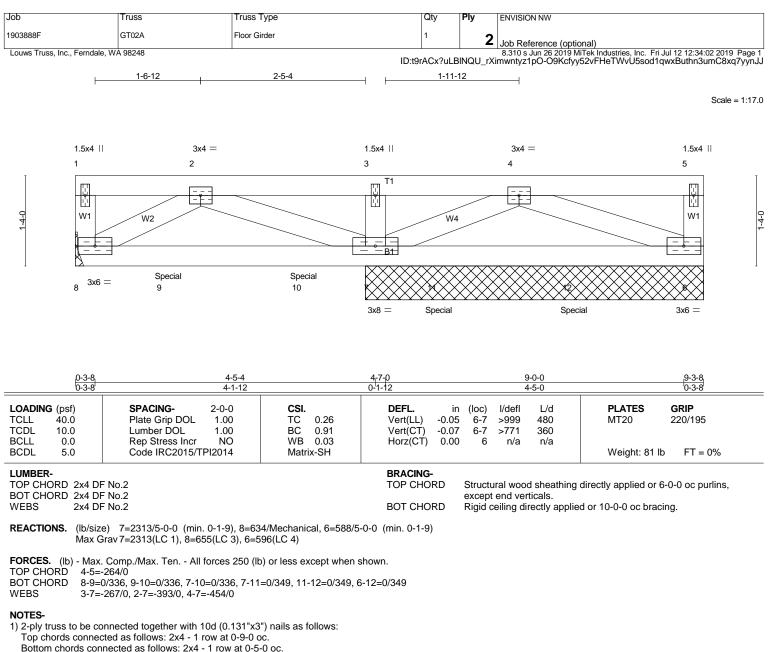
Vert: 6-9=-10, 1-5=-100 Concentrated Loads (lb)

Vert: 7=-840(B) 10=-840(B) 11=-840(B) 12=-840(B)

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^{1) 2-}ply truss to be connected together with 10d (0.131"x3") nails as follows:



- 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 floor live loads have been considered for this design.4) Refer to girder(s) for truss to truss connections.
- 5) 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.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 7) CAUTION, Do not erect truss backwards.
- 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 636 lb down at 1-4-8, 636 lb down at 3-4-8, and 636 lb down at 5-4-8, and 636 lb down at 7-4-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

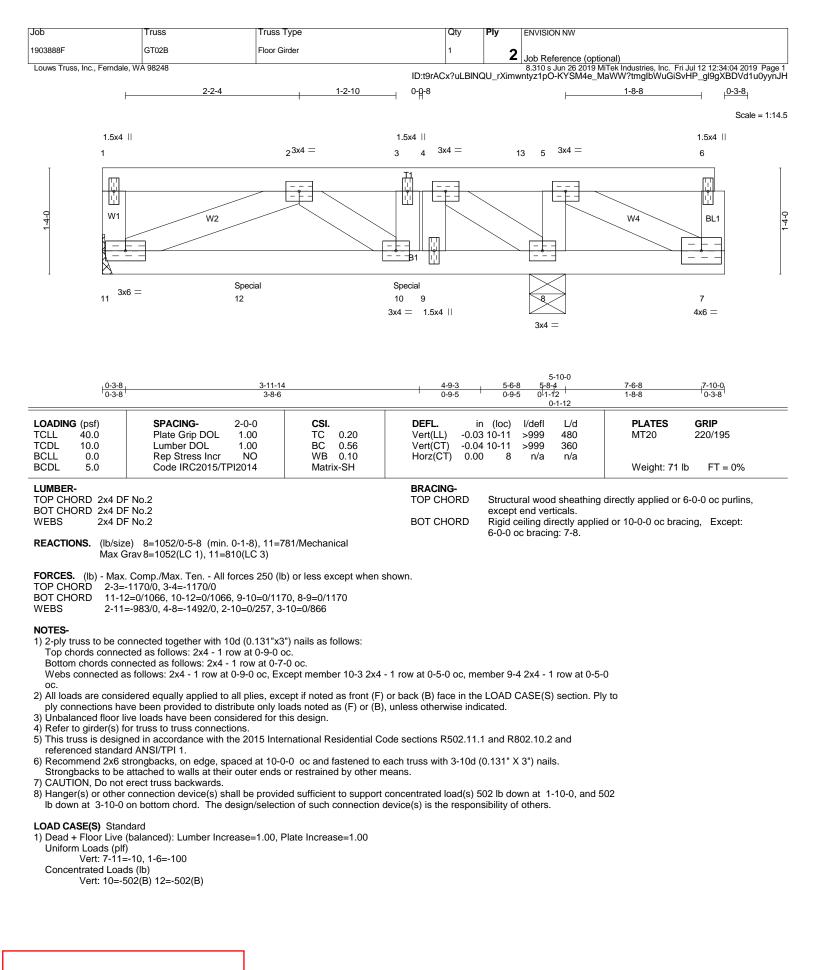
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

- Uniform Loads (plf)
- Vert: 6-8=-10, 1-5=-100
- Concentrated Loads (lb)

Vert: 9=-636(F) 10=-636(F) 11=-636(F) 12=-636(F)

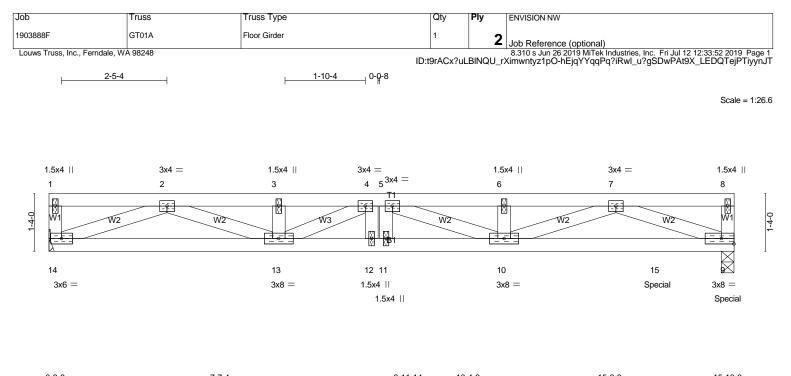
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0-3-8 0-3-8	7-7-4 7-3-12		8-11-14	10-4-8		15-6-8 5-2-0	<u> </u>
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr NO Code IRC2015/TPI2014	CSI. TC 0.42 BC 0.75 WB 0.18 Matrix-SH	- ()	-0.13 9-10 :	l/defl L/d >999 480 >999 360 n/a n/a	PLATES MT20 Weight: 138	GRIP 220/195 lb FT = 0%
LUMBER- TOP CHORD 2x4 D BOT CHORD 2x4 D			BRACING- TOP CHOR		al wood sheathing c and verticals.	lirectly applied or 6	6-0-0 oc purlins,

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

BOT CHORD 2x4 DF 2400F 2.0 WEBS 2x4 DF No.2

REACTIONS. (lb/size) 9=3928/0-3-8 (min. 0-2-2), 14=959/Mechanical

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

TOP CHORD 2-3=-3284/0, 3-4=-3284/0, 4-5=-3824/0, 5-6=-4127/0, 6-7=-4127/0, 7-8=-440/0

BOT CHORD 13-14=0/2016, 12-13=0/3824, 11-12=0/3824, 10-11=0/3824, 10-15=0/2604, 9-15=0/2604

WEBS 7-9=-2333/0, 2-14=-2089/0, 7-10=0/1642, 2-13=0/1367, 5-10=0/739, 4-13=-752/0, 4-12=0/402, 5-11=-561/0

NOTES-

1) Special connection required to distribute bottom chord loads equally between all plies.

2) 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 0-4-0 oc.

Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.

- 3) 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.
- 4) Unbalanced floor live loads have been considered for this design.
- 5) Refer to girder(s) for truss to truss connections.
- 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.

7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1001 lb down at 14-0-12, and 2177 lb down at 15-8-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 9-14=-10, 1-8=-100

Concentrated Loads (lb) Vert: 9=-2177(F) 15=-1001(B)

Established Basic Permit



Job	Truss	Truss Ty	ре	Qty	Ply	ENVISION NW		
1903888F	GT01C	Floor Gird	er	1	2	Job Reference (opti	onal)	
Louws Truss, Inc., Fer	rndale, WA 98248	I		ID:t9rACx?uLBIN		8.310 s Jun 26 2019 M	/liTek Industries, Inc. Fri	Jul 12 12:33:57 2019 Page 1 6ACQ0Pv9cwQA9wyynJO
	2-5-4		0-5-4		u o_ <i>i</i> /			<u>2-8-12</u> 0 <u>-3-</u> 8
								Scale = 1:32.6
1.5x4	3x6 =	1.5x4	3x4 = 1.5x4 ∥	5x6 =		1.5x4	3x10 =	2x4
1	2	3 T1	4 5	6		7	8	9
o W2								W3 BL1 9
1-4-0 	B1				B2			W3 BL1
15		14	13 12			11	16	
4x6 =		8x12 =	2x4 3x4 =			4x12 =	Special	5x8 =
			8-7-8			40.0.0		40.0.0
0 <u>-3-8</u> 0-3-8		3-2-4 10-12	<u>8-4-14</u> 0-2-10 0-2-10			19-3-0 10-7-8		<u>19-6</u> ₁ 8 0-3-8
Plate Offsets (X,	Y) [6:0-3-0,0-3-0], [14	0-5-8,0-4-8]	0-2-10				1	
LOADING (psf)	SPACING-	2-0-0	CSI.		n (loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip D Lumber DOL		TC 0.71 BC 0.86		11-12 11-12	>688 480 >503 360	MT20	220/195
BCLL 0.0 BCDL 5.0	Rep Stress I Code IRC20	ncr NO	WB 0.47 Matrix-SH	Horz(CT) 0.05		n/a n/a	Woight: 104	lb FT = 0%
		13/11/2014	Wath ST				Weight. 194	
LUMBER- TOP CHORD 2x				BRACING- TOP CHORD	Structu	ural wood sheathing	directly applied or 3	3-3-7 oc purlins,
	6 DF No.2 *Except* 2: 2x6 DF 2400F 2.0E			BOT CHORD		t end verticals.	ed or 10-0-0 oc brac	ina
	4 DF No.2							
REACTIONS. (It	o/size) 10=2769/0-5-8	(min. 0-1-8), 15=14	464/Mechanical					
			or less except when show					
	2-3=-5891/0, 3-4=-5891 3-9=-709/0	/0, 4-5=-8052/0, 5-6	5=-8052/0, 6-7=-10151/0, 7	7-8=-10151/0,				
BOT CHORD 1	4-15=0/3392, 13-14=0		2, 11-12=0/9657, 11-16=0 2-14=0/2666, 6-11=0/919,		142			
	5-12=-2097/0, 4-13=0/6		2-14-0/2000, 0-11-0/919,	, 4-14-2372/0,				
NOTES-								
	e connected together v nnected as follows: 2x4							
Bottom chords	connected as follows: ed as follows: 2x4 - 1 ro	2x6 - 2 rows stagge						
2) All loads are co	onsidered equally appli	ed to all plies, excer	ot if noted as front (F) or ba	ack (B) face in the	LOAD	CASE(S) section. P	ly to	
	s have been provided to oor live loads have beer		ds noted as (F) or (B), unle s design.	ess otherwise indi	cated.			
	(s) for truss to truss cor		ational Residential Code s	portions P502 11	1 and D	802 10 2 and		
referenced sta	ndard ANSI/TPI 1.							
			oc and fastened to each restrained by other means		0.131" >	(3") nails.		
7) CAUTION, Do	not erect truss backwa	rds.	I sufficient to support conc		115 lb d	lown at 15-8-8 on		
			evice(s) is the responsibili		110100			
LOAD CASE(S)								
 Dead + Floor L Uniform Loads 	Live (balanced): Lumbe	r Increase=1.00, Pla	ate Increase=1.00					
Vert: 1	0-15=-10, 1-9=-100							
Concentrated I Vert: 1	6=-2115(B)							
tablished	Basic Perm	it #						

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Job	Truss	Truss T	уре	Qty	Ply ENVISION N	W	
1903888F	GT02	Floor Gir	der	1	2 Job Refere	ence (optional)	
Louws Truss, Inc., Ferndale	e, WA 98248			ID:t9rACx?uLI	8.310 s Jun BINQU_rXimwntyz1p0	26 2019 MiTek Industries, Inc. F DbfT0xwDI_tin?nKozI5?PC	O0zyZUMAS4EvGDoyynJN
0-3-8	L		Q-5-4				
							Scale = 1:32.5
3x4 =							
1.5x4 1	3x6 = 2	1.5x4 3	3x4 = 1.5x4	3x4 = 6	: 1.5×4 7	4 3x6 = 8	1.5x4 ∣∣ 9
	2	3	4 5			• 	
				//		\nearrow	
] B1			
4x12 =		14 5x8 =	16 13 12 Special 1.5x4 3x4	۱ =	11 3x10) =	10 3x6 =
		ono -			U		0.10
0-3-8	8-5-1	2	8-11-0 8 ₇ 8 ₇ 6 ₁		19-3-0		<u> 19-6</u> 78
0 <u>-3-8</u> 0-3-8	8-2-4		0-2-10 0-2-10		10-4-0		0-3-8
Plate Offsets (X,Y)							
LOADING (psf) TCLL 40.0	SPACING- Plate Grip DOL		CSI. TC 0.37	Vert(LL) -0.27	´`13´>851 4	L/d PLATES 80 MT20	GRIP 220/195
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Inc		BC 0.63 WB 0.30	Vert(CT) -0.37 Horz(CT) 0.05		60 n/a	
BCDL 5.0	Code IRC2015	/1PI2014	Matrix-SH	BRACING-		Weight: 16	68 lb FT = 0%
TOP CHORD 2x4 DF BOT CHORD 2x4 DF				TOP CHORD	Structural wood sl except end vertica	neathing directly applied o	r 4-8-9 oc purlins,
WEBS 2x4 DF				BOT CHORD		tly applied or 10-0-0 oc bra	acing.
REACTIONS. (Ib/size	e) 15=1451/0-5-8 (min. 0-1-8), 10=1	1295/Mechanical				
) or less except when s ·6=-7164/0, 6-7=-4910/				
			64, 12-13=0/7164, 11-1 , 2-14=0/2676, 3-14=-3			0/1297,	
	=0/658, 5-12=-379/0						
NOTES- 1) 2-ply truss to be co							
Bottom chords con	ted as follows: 2x4 - nected as follows: 2x	4 - 1 row at 0-5-					
2) All loads are consid		to all plies, exce	ept if noted as front (F)			ection. Ply to	
3) Unbalanced floor li	ve loads have been o	considered for th	ads noted as (F) or (B), is design.	, unless otherwise indi	cated.		
	ed in accordance with		national Residential Co	ode sections R502.11.	I and R802.10.2 an	d	
	trongbacks, on edge,		0 oc and fastened to e or restrained by other m		0.131" X 3") nails.		
7) CAUTION, Do not	erect truss backward	S.	ed sufficient to support		15 lb down at 7-6-1	an hottom	
			s) is the responsibility of				
LOAD CASE(S) Stand 1) Dead + Floor Live (ncrease=1 00 P	late Increase=1.00				
Uniform Loads (plf)							
Concentrated Load Vert: 16=-6	ls (lb)						

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19-03650

Job	Truss	Truss T	/pe	Qty	Ply ENV	ISION NW		
1903888F	GT02C	Floor Gir	der	1	2 Job	Reference (option		
Louws Truss, Inc., Ferr	ndale, WA 98248			ID:t9rA(8.31	0 s Jun 26 2019 MiT	ai) ek Industries, Inc. Fri Jul EtRuakEOtGfSzK5XkA	12 12:34:07 2019 Page Ch?M_JdvTriVKvvnJl
0-3-8								
	2-5-4 1-4-8				1-2-6	3		Scale = 1:32.
3x4 =								
1.5x4	3x4 =	3x4 =	1.5x4	3x6 =	1.5x4	1.5x4	3x4 =	1.5x4
1	2	3	4	5 T1	6	7	8	9
	₩2	W2		12 W2		VV2		
				B1				
	15	14	13	17	18 12 19	9 11 20	21	10
4x12 =	1.5x4	1.5x4	3x8 =			cial 3x4 = Spe		3x6 =
0-3-8 3	3-3-12 4-0-0 4-8	8-4 7-6-12		12-10-8	14 13-5-12	-1-0	19-3-0	19-6 ₁ 8
	3-0-4 0-8-4 0-8		1	5-3-12	0-7-4 0	-7-4	5-2-0	0-3-8
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc) l/de	fl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DO	OL 1.00	TC 0.42 BC 0.59	Vert(LL) -	0.11 12-13 >99 0.14 12-13 >99	9 480	MT20	220/195
BCLL 0.0 BCDL 5.0	Rep Stress II Code IRC20	ncr NO	WB 0.28 Matrix-SH		0.01 10 n/		Waight: 162 lb	FT 0%
	Code IRC20	15/112014	Matrix-SH				Weight: 163 lb	F1 = 0%
LUMBER- TOP CHORD 2x4				BRACING- TOP CHORI			rectly applied or 6-0-	-0 oc purlins,
BOT CHORD 2x4 WEBS 2x4	1 DF 2400F 2.0E 1 DF No.2			BOT CHOR	except end D Rigid ceiling		or 6-0-0 oc bracing.	
REACTIONS. (Ib)	/size) 16=76/0-5-8 (n	nin. 0-1-8). 13=270	4/0-3-8 (min. 0-1-8	3), 10=1294/Mechanic	al		-	
Ма	ax Uplift16=-197(LC 4) ax Grav 16=153(LC 3),		,					
	Max. Comp./Max. Ten.		. ,	an chown				
TOP CHORD 2-	-3=0/939, 3-4=0/1643,	4-5=0/1643, 5-6=-	3869/0, 6-7=-3869/	0, 7-8=-3869/0				
1	5-16=-939/0, 14-15=-9 2-19=0/3869, 11-19=0	/3869, 11-20=0/23	87, 20-21=0/2387,	10-21=0/2387				
	-13=-265/0, 2-16=0/10 -12=0/2576	62, 3-13=-1185/0,	3-10=-2312/0, 5-13	=-3312/0, 8-11=0/167	8,			
NOTES-								
	e connected together w inected as follows: 2x4							
Bottom chords	connected as follows: 2	2x4 - 1 row at 0-4-0						
2) All loads are co	ed as follows: 2x4 - 1 ro nsidered equally appli	ed to all plies, exce	pt if noted as front	(F) or back (B) face ir	the LOAD CASE	(S) section. Ply t	0	
Unbalanced floor	have been provided to or live loads have beer	n considered for thi		(B), unless otherwise	indicated.			
	s) for truss to truss cor nical connection (by ot		aring plate capable	of withstanding 197 l	b uplift at joint 16			
	signed in accordance v ndard ANSI/TPI 1.	with the 2015 Intern	national Residential	Code sections R502	.11.1 and R802.1	0.2 and		
7) Recommend 2x	6 strongbacks, on edg				0d (0.131" X 3") r	nails.		
8) CAUTION, Do r	not erect truss backwa	rds.				0 7 0 000 "		
down at 11-7-1	her connection device(2, 293 lb down at 13-	7-12, and 293 lb do	wn at 15-7-12, and	d 293 lb down at 17-7				
design/selectior	n of such connection d	evice(s) is the resp	onsibility of others.					
LOAD CASE(S) S 1) Dead + Floor Li	itandard ive (balanced): Lumbei	r Increase=1.00. Pl	ate Increase=1.00					
Uniform Loads		,						
Vent. 10	-10-10, 1-3-100							
Continued of Tor								
Continued on page		:. <i>и</i>						
stablished	Basic Perm	IT #						
100	12650							
13-6)3650		Dormit N.	umber: 20-02	- 40			
			Permit NI	1100er: 20_02	5/17/			

ſ	Job	Truss	Truss Type	Qty	Ply	ENVISION NW
	1903888F	GT02C	Floor Girder	1	2	Job Reference (optional)
L	Louws Truss, Inc., Ferndale, WA	A 98248	ID:	t9rACx?ul	LBINQU_	8.310 s Jun 26 2019 MiTek Industries, Inc. Fri Jul 12 12:34:07 2019 Page 2 rXimwntyz1pO-I77Vig0EtRuakE0tGfSzK5XkACh?M_JdvTriVKyynJE

LOAD CASE(S) Standard

Concentrated Loads (lb) Vert: 17=-800(B) 18=-293(B) 19=-293(B) 20=-293(B) 21=-293(B)

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