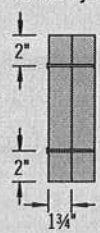
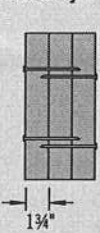
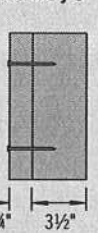
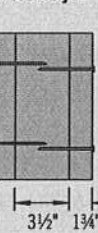
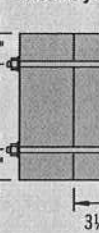
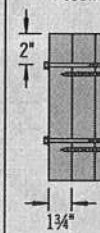


MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

Maximum Uniform Load Applied to Either Outside Member (PLF)

Connector Type	Number of Rows	Connector On-Center Spacing	Connector Pattern					
			Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
								
			3 1/2" 2-ply	5 1/4" 3-ply	5 1/4" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail ⁽¹⁾	2	12"	370	280	280	245		
	3	12"	555	415	415	370		
1/2" A307 Through Bolts ⁽²⁾⁽⁴⁾	2	24"	505	380	520	465	860	340
		19.2"	635	475	655	580	1,075	425
		16"	760	570	785	695	1,290	505
SDS 1/4" x 3 1/2" ⁽⁴⁾	2	24"	680	510	510	455		
		19.2"	850	640	640	565		
		16"	1,020	765	765	680		
SDS 1/4" x 6" ⁽³⁾⁽⁴⁾	2	24"				455	465	455
		19.2"				565	580	565
		16"				680	695	680
USP WS35 ⁽⁴⁾	2	24"	480	360	360	320		
		19.2"	600	450	450	400		
		16"	715	540	540	480		
USP WS6 ⁽³⁾⁽⁴⁾	2	24"				350	525	350
		19.2"				440	660	440
		16"				525	790	525
3 3/4" TrussLok ⁽⁴⁾	2	24"	635	475	475	425		
		19.2"	795	595	595	530		
		16"	955	715	715	635		
5" TrussLok ⁽⁴⁾	2	24"		500	500	445	480	445
		19.2"		625	625	555	600	555
		16"		750	750	665	725	665
6 3/4" TrussLok ⁽⁴⁾	2	24"				445	620	445
		19.2"				555	770	555
		16"				665	925	665

(1) Nailed connection values may be doubled for 6" on-center or tripled for 4" on-center nail spacing.

(2) Washers required. Bolt holes to be 3/16" maximum.

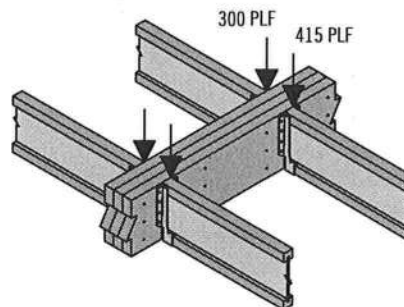
(3) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

(4) 24" on-center bolted and screwed connection values may be doubled for 12" on-center spacing.

General Notes

- Connections are based on NDS® 2005 or manufacturer's code report.
- Use specific gravity of 0.5 when designing lateral connections.
- Values listed are for 100% stress level. Increase 15% for snow-loaded roof conditions or 25% for non-snow roof conditions, where code allows.
- Bold Italic** cells indicate **Connector Pattern** must be installed on both sides. Stagger fasteners on opposite side of beam by 1/2 the required **Connector Spacing**.
- Verify adequacy of beam in allowable load tables on pages 16–33.
- 7" wide beams should be side-loaded only when loads are applied to both sides of the members (to minimize rotation).
- Minimum end distance for bolts and screws is 6".
- Beams wider than 7" require special consideration by the design professional.

Uniform Load Design Example



First, check the allowable load tables on pages 16–33 to verify that three pieces can carry the total load of 715 plf with proper live load deflection criteria. Maximum load applied to either outside member is 415 plf. For a 3-ply 1 3/4" assembly, two rows of 10d (0.128" x 3") nails at 12" on-center is good for only 280 plf. Therefore, use three rows of 10d (0.128" x 3") nails at 12" on-center (good for 415 plf).

Alternates:

Two rows of 1/2" bolts or SDS 1/4" x 3 1/2" screws at 19.2" on-center.

TRULOX CONNECTION DETAIL

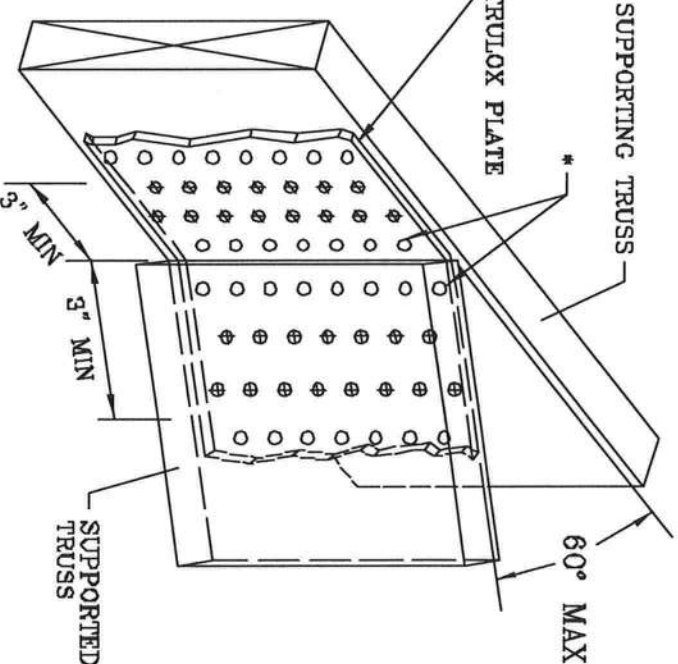
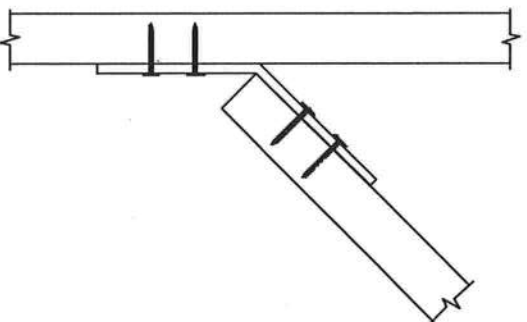
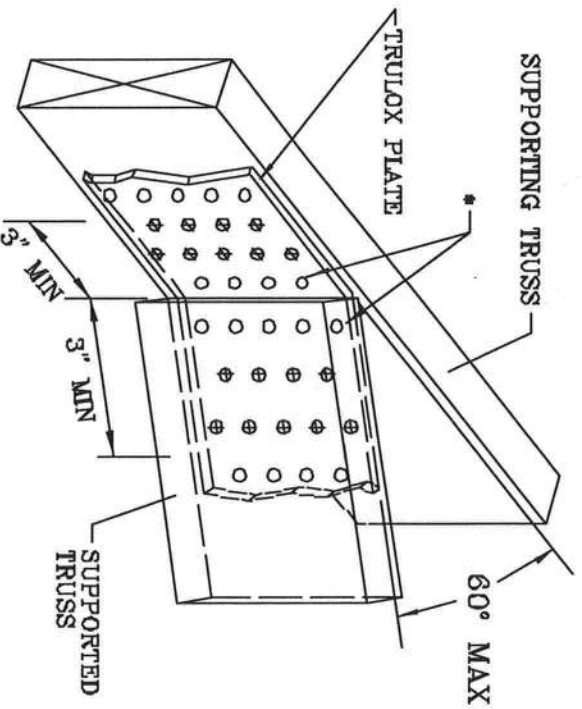
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (Φ).

* NAILS MAY BE OMITTED FROM THESE ROWS.

THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



MINIMUM 3X6 TRULOX PLATE

MINIMUM 5X6 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
6X6	15	980#

REVIEWED
By Julius Lee at 11:58 am, Jun 14, 2008

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R
1,154,844 1,152,217 1,152,017 1,159,154 & 1,151,524

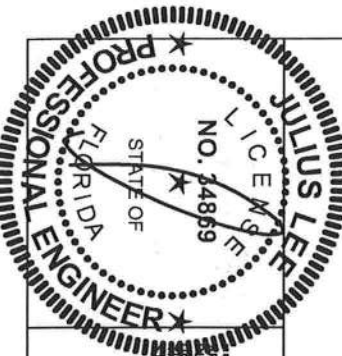
WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO AC308 1-03 BUILDING DEPARTMENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS MANUFACTURERS ASSOCIATION, 380 JENNIFER DR., SUITE 200, NATION, VA 22640 AND VITA CYCLO TRUSS COUNCIL, 6100 SPRINGFIELD LN, WASHINGTON, VA 22750 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROTECTIVE ATTACHED FACTORY PANELS AND BOTTOM CHORD SHALL HAVE A PROTECTIVE ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.

1455 SW 4th AVENUE
DELRIST BEACH, FL 33444-8181

No. 34869
STATE OF FLORIDA

REF	TRULOX
DATE	11/26/03
DRWG	CNTRULOX1103
-ENG	JL



TOE-NAIL DETAIL

TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 - EDGE DISTANCE, END DISTANCE, SPACING, EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.

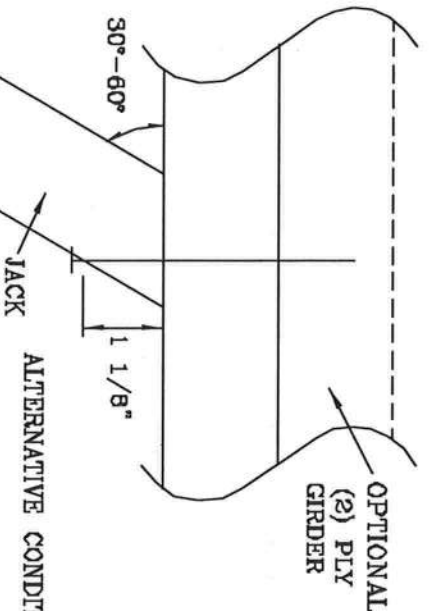
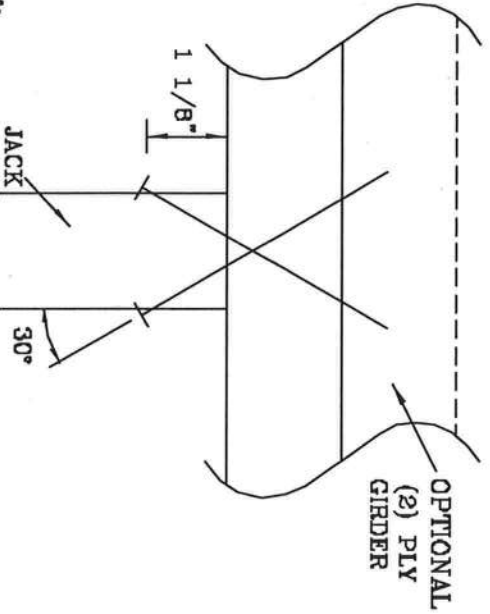
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"x3.5") COMMON TOE-NAILS

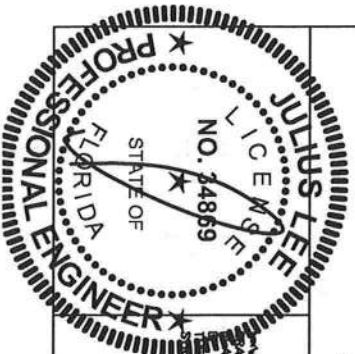
NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS
2	187#	256#	181#	234#	156#	203#	154#	188#
3	286#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#

ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.



THIS DRAWING REPLACES DRAWING 784040

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND SPACING. REFER TO BCST 1-43 GUIDING CONCEPT SAFETY INFORMATION, PUBLISHED BY THE TRUSS MANUFACTURERS ASSOCIATION, 6800 ENTERPRISE LN, NATION, VT 50753 FOR SAFETY PRACTICES PRIOR TO PERFORMING STRUCTURAL PANELS AND BATTEN CHORD SHALL HAVE A PERMANENTLY ATTACHED



REVIEWED
By Julius Lee at 11:59 am, Jun 11, 2008

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1405 ST. 4TH AVENUE
DELRAY BEACH, FL 33444-2161

No. 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONALL103
BC LL	PSF	ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

TOP CHORD 2X4 1/8 OR BETTER
BOT CHORD 2X4 1/2 OR BETTER
WEBS 2X4 1/8 OR BETTER

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

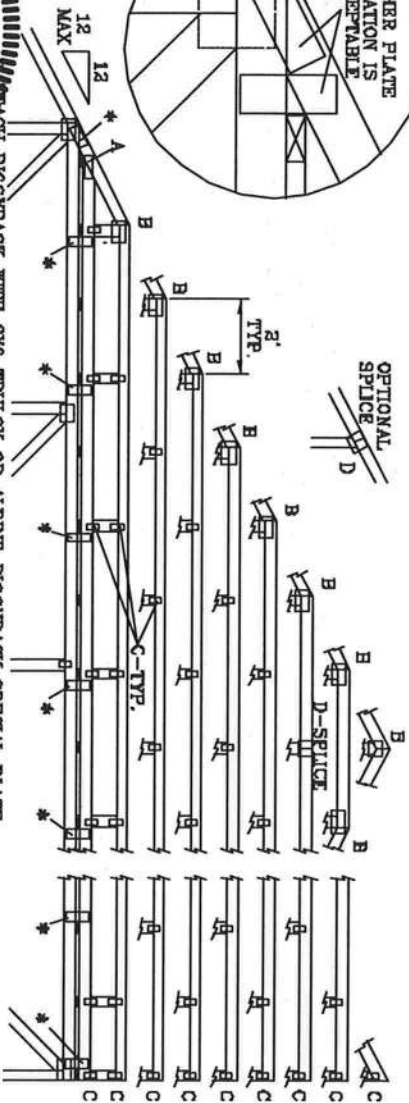
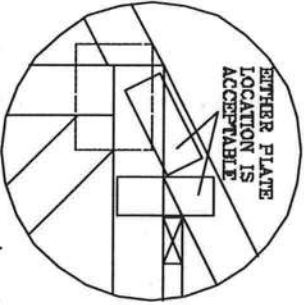
PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

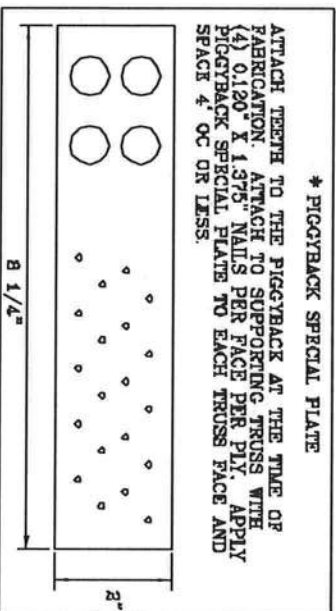
110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG,
LOCATED ANYWHERE IN DOOR 1, 1ST FLOOR, 2015M

110 MPH WIND, 30' MEAN HGT, ETC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL-5 PSF, WIND EC DL-5 PSF

FRONT FACE (E₁*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4" OC MAX.



W/CH PIGGYBACK WITH 3X6 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.



ATTACH BEAMS TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.

*** PIGGYBACK SPECIAL PLATE**

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 ^{1/4"} BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4' OC.
10' TO 14'	2x4 ^{1/2"} BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4' OC.

ATTACH TRULOX PLATES WITH (6) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

JOINT TYPE	SPANS UP TO			
	30'	34'	38'	62'
A	2X4	2.5X4	2.5X4	3X6
B	4X6	6X6	6X6	5X6
C	1.5X3	1.6X4	1.6X4	1.5X4
D	5X4	6X5	6X5	5X6
E	4X6 OR 3X6 TRUSS AT 4' OC, ROTATED VERTICALLY			

WORKING TO BE DONE BECAUSE OF SPECIFICATING, HANDLING, INSTALLING AND FINISHING. REFER TO SECT. 10-22 BUILDING COMPONENT SAFETY (DEFINITIONS), RULE ISSUED BY THE CHIEF OF THE DIVISION OF CONSTRUCTION, 1000 MARKET STREET, 15TH FLOOR, PHILADELPHIA, PA 19102. ALSO REFER TO RD. PA, SUITE 200, 15370 AND VTCA SYSTEMS, 15370 MARKET STREET, 15TH FLOOR, PHILADELPHIA, PA 19102. THESE CHANGES INDICATED, THE CHIEF SHALL HAVE PROVEN THE CHANGES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID JOINT.

**JULIUS LEE'S
CONS. ENGINEERS P.A.**
1466 SW 4th AVENUE
MIAMI BEACH, FL 33444-2161

THIS DRAWING REPLACES DRAWINGS 634.016 634.017 & 647.045

MAX LOADING

REF PIGGYBACK

55 PST AT

DATE 09/12/07

1.33 DUR. FAC

DRWG MITEK STD PIGGY

50 PSF AT

-ENG. II.

1.25 DUR. FAC

--	--

47 PST AT

L. LO DUK, FAC

L

PLACING	24.0
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REVIEWED

By Julius Lee at 11:59 am, Jun 11, 2008

By Julius Lee at 11:03 am, Jun 11, 2006

No: 94869

AND, JACOB
STATE OF FLORIDA

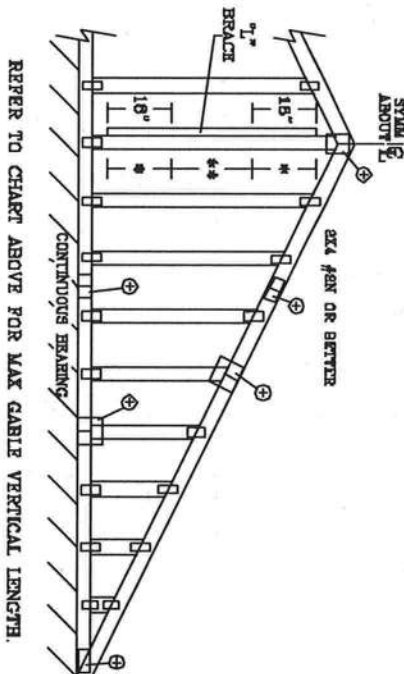
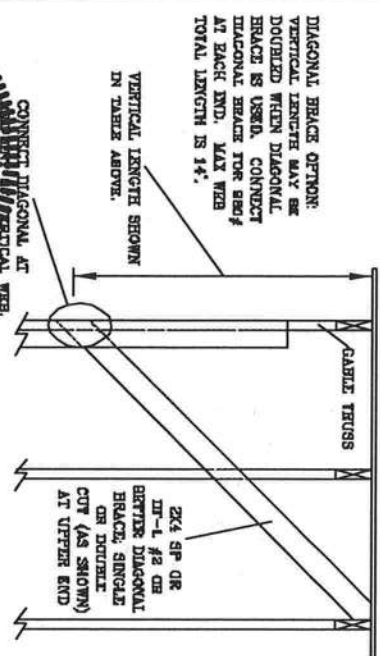
ASCE 7-02: 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH															
CABLE VERTICAL SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *												
			GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	
2X4	SPF	#1 / #2	3' 2"	5' 6"	6' 8"	6' 8"	6' 9"	7' 10"	8' 0"	10' 3"	10' 7"	12' 3"	12' 7"		
			3' 1"	4' 5"	4' 5"	6' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"	12' 3"	
			STUD	3' 1"	4' 6"	4' 5"	5' 10"	6' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"	12' 3"
			STANDARD	2' 11"	3' 9"	3' 9"	6' 0"	5' 0"	6' 9"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
24" O.C.	SP	#1	3' 6"	5' 6"	5' 11"	6' 8"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"		
			#2	3' 6"	5' 6"	5' 11"	6' 8"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"	
			#3	3' 3"	4' 6"	4' 6"	6' 0"	6' 0"	7' 10"	8' 1"	9' 4"	9' 4"	12' 3"	12' 6"	
			STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 6"	
16" O.C.	SPF	#1 / #2	3' 0"	3' 10"	3' 10"	6' 1"	5' 1"	6' 11"	6' 11"	8' 0"	8' 0"	10' 10"	10' 10"		
			#2	3' 8"	6' 4"	6' 6"	7' 6"	7' 6"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"	
			#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	7' 2"	8' 11"	9' 2"	11' 2"	14' 0"	14' 0"	
			STUD	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	7' 2"	8' 11"	9' 2"	11' 2"	14' 0"	14' 0"	
12" O.C.	DFL	#1 <td>4' 0"</td> <td>8' 4"</td> <td>8' 10"</td> <td>7' 6"</td> <td>8' 1"</td> <td>8' 11"</td> <td>9' 7"</td> <td>11' 9"</td> <td>12' 8"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 0"	8' 4"	8' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"		
			#2	3' 11"	6' 4"	6' 10"	7' 6"	7' 4"	7' 4"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	
			#3	3' 9"	5' 7"	6' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 5"	14' 0"	14' 0"	
			STUD	3' 8"	5' 8"	5' 8"	7' 3"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	
24" O.C.	SP	#1 <td>4' 0"</td> <td>8' 4"</td> <td>8' 10"</td> <td>7' 6"</td> <td>8' 1"</td> <td>8' 11"</td> <td>9' 7"</td> <td>11' 9"</td> <td>12' 8"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 0"	8' 4"	8' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"		
			#2	3' 11"	6' 4"	6' 10"	7' 6"	7' 4"	7' 4"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	
			#3	3' 9"	5' 7"	6' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 5"	14' 0"	14' 0"	
			STUD	3' 8"	5' 8"	5' 8"	7' 3"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	
16" O.C.	SPF	#1 / #2	4' 0"	6' 11"	7' 2"	6' 3"	6' 6"	6' 10"	10' 1"	12' 11"	13' 4"	14' 0"	14' 0"		
			#2	3' 11"	6' 3"	6' 3"	6' 3"	6' 3"	7' 1"	9' 6"	9' 10"	12' 10"	12' 10"	14' 0"	
			#3	3' 11"	6' 3"	6' 3"	6' 3"	6' 3"	7' 1"	9' 6"	9' 10"	10' 7"	12' 11"	13' 11"	
			STUD	3' 11"	6' 3"	6' 3"	6' 3"	6' 3"	7' 1"	9' 6"	9' 10"	10' 7"	12' 11"	13' 11"	
12" O.C.	DFL	#1 <td>4' 5"</td> <td>6' 11"</td> <td>7' 6"</td> <td>6' 3"</td> <td>6' 11"</td> <td>9' 10"</td> <td>10' 7"</td> <td>12' 11"</td> <td>13' 11"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 5"	6' 11"	7' 6"	6' 3"	6' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"		
			#2	4' 4"	6' 11"	7' 6"	6' 3"	6' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"	
			#3	4' 2"	6' 6"	6' 5"	6' 3"	6' 6"	9' 10"	10' 4"	12' 11"	13' 3"	14' 0"	14' 0"	
			STUD	4' 2"	6' 4"	6' 4"	6' 3"	6' 6"	9' 10"	10' 4"	12' 11"	13' 1"	14' 0"	14' 0"	
24" O.C.	SP	#1 <td>4' 0"</td> <td>5' 6"</td> <td>5' 11"</td> <td>6' 6"</td> <td>7' 0"</td> <td>7' 10"</td> <td>8' 5"</td> <td>10' 3"</td> <td>11' 1"</td> <td>12' 3"</td> <td>13' 2"</td>	4' 0"	5' 6"	5' 11"	6' 6"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"		
			#2	3' 6"	5' 6"	5' 11"	6' 6"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"	
			#3	3' 3"	4' 6"	4' 6"	6' 0"	6' 0"	7' 10"	8' 1"	9' 4"	9' 4"	12' 3"	12' 6"	
			STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 6"	
16" O.C.	SPF	#1 / #2	3' 0"	3' 10"	3' 10"	6' 1"	5' 1"	6' 11"	6' 11"	8' 0"	8' 0"	10' 10"	10' 10"		
			#2	3' 8"	6' 4"	6' 6"	7' 6"	7' 6"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"	
			#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	7' 2"	8' 11"	9' 2"	11' 2"	14' 0"	14' 0"	
			STUD	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	7' 2"	8' 11"	9' 2"	11' 2"	14' 0"	14' 0"	
12" O.C.	DFL	#1 <td>4' 0"</td> <td>8' 4"</td> <td>8' 10"</td> <td>7' 6"</td> <td>8' 1"</td> <td>8' 11"</td> <td>9' 7"</td> <td>11' 9"</td> <td>12' 8"</td> <td>14' 0"</td> <td>14' 0"</td>	4' 0"	8' 4"	8' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"		
			#2	3' 11"	6' 4"	6' 10"	7' 6"	7' 4"	7' 4"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	
			#3	3' 9"	5' 7"	6' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 5"	14' 0"	14' 0"	
			STUD	3' 8"	5' 8"	5' 8"	7' 3"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	

BRACING GROUP SPECIES AND GRADES:			
GROUP A:		GROUP B:	
SPECIES - PINE - TR	GRADE - FTR	SPECIES - PINE - TR	GRADE - FTR
#1 / #2 STANDARD	#1 / #2 STUD	#1 / #2 STANDARD	#1 / #2 STUD
#3 STUD	#3 STUD	#3 STUD	#3 STUD
DOUGLAS FIR - LARCH		DOUGLAS FIR - LARCH	
#1 STUD	#1 STUD	#1 STUD	#1 STUD
#2 STUD	#2 STUD	#2 STUD	#2 STUD
SOUTHERN PINE		SOUTHERN PINE	
#1 STUD	#1 STUD	#1 STUD	#1 STUD
#2 STUD	#2 STUD	#2 STUD	#2 STUD

CABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS $L/240$.
 PROVIDE VERTICAL CONNECTIONS FOR 160 PSF OVER CONTINUOUS BEAMING (6 PSF FC DEAD LOAD).
 CABLE END SUPPORTS LOAD FROM 4' 0" OUTLINE WITH 8' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
 ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE, SPACE NAILS AT 8" O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES, SPACE NAILS AT 8" O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

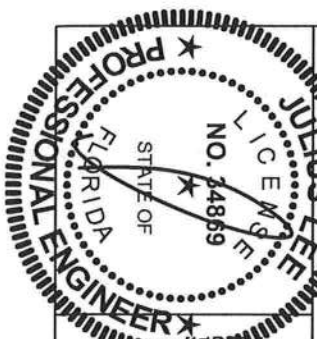


REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

CABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH	NO SPICE	LESS THAN 4' 0"	1X4 OR 2X4
GREATER THAN 4' 0", BUT	2X4	LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2X6		

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPICE, AND BEEL PLATES.

REVIEWER: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND ERECTING. REFER TO BEST PRACTICES FOR CONSTRUCTION OF TRUSSES. PUBLISHING BY THE TRUSS ASSOCIATION, 5833 BIRCHWOOD DR., SUITE 200, HANSEN, VA 22060. THESE INSTRUCTIONS ARE FOR INFORMATION ONLY. THEY DO NOT CONSTITUTE A DESIGN. THE USER ASSUMES ALL LIABILITY FOR THE DESIGN AND CONSTRUCTION OF THE TRUSS. THE TRUSS ASSOCIATION IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE TRUSS.



REVIEWED
 By Julius Lee at 12:00 pm, Jun 11, 2008

JULIUS LEE'S
 CONS. ENGINEERS P.A.
 1466 SW 4th AVENUE
 DEER BEACH, FL 33441-2161

No. 34869
 STATE OF FLORIDA

MAX. TOT. LD. 60 PSF
 MAX. SPACING 24.0"

REF ASCE 7-02-CAB13030
 DATE 11/26/03
 DWG. DATE 11/26/03
 -ENG

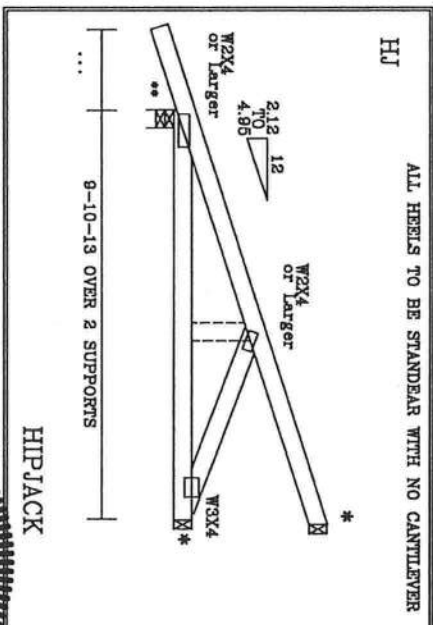
TOP CHORD 2X4 SO. PINE #2 or Better 120 MPH MAX

Setback 7' or Less

UPLIFT: 400# or Less
BPG LOC: *

UP LITE™: 400# or less
BGC INC: *

400# or Less
*
UPLK-1:
BPG 100:



HIP JACK

7'0" MAX

STAYE OF

REF	7 MAX STBK CS
DATE	Jun./27/2008
DRWG	
-ENG	
REVIEWED By: jallius lee at 10:52 am, Jun 27, 2008	

REF	7 MAX STBK CS
DATE	Jun./27/2008
DRWG	
-ENG	
REVIEWED By: jallius lee at 10:52 am, Jun 27, 2008	

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LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-4=-54, 2-6=-10, 4-6=-544(F=-534)
 Concentrated Loads (lb)
 Vert: 6=-2500(F)

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 9 SVE
L282743	T17	SPECIAL	4	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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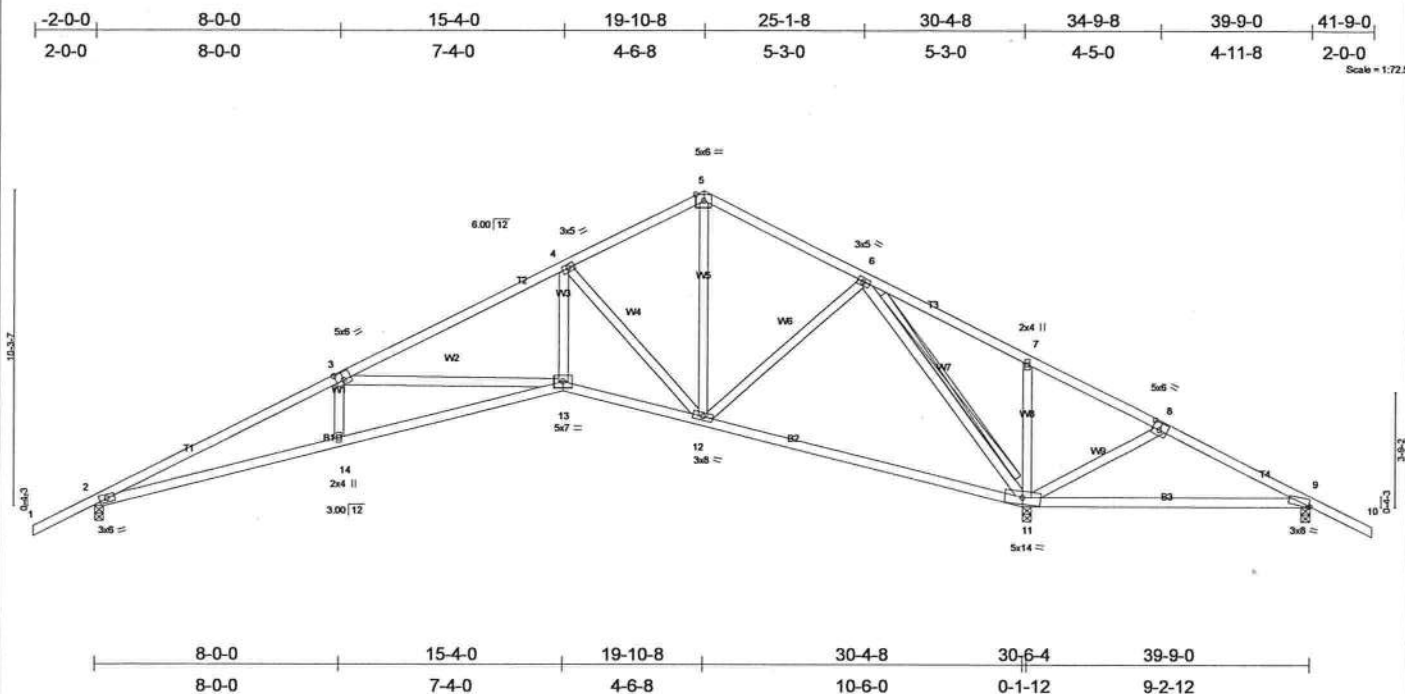


Plate Offsets (X,Y): [3-0-3-0,0-3-4], [8-0-3-0,0-3-0], [9-0-0-10,Edge]										
LOADING (psf)		SPACING 2-0-0		CSI		DEFL			PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	in (loc)	I/defl	L/d	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(LL)	0.29 9-11	>370		
BCLL	10.0	Rep Stress Incr	YES	WB	0.95	Vert(TL)	-0.44 11-12	>836		
BCDL	5.0	Code FBC2004/TP12002		(Matrix)		Horz(TL)	0.22 11	n/a		
									Weight: 209 lb	

LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2	TOP CHORD	Structural wood sheathing directly applied or 3-6-9 oc purlins.
BOT CHORD	2 X 4 SYP No.2	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	2 X 4 SYP No.3	WEBS	T-Brace: 2 X 4 SYP No.3 - 6-11
			Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.
			,with 4in minimum end distance.
			Brace must cover 90% of web length.

REACTIONS (lb/size) 2=889/0-3-8, 11=2126/0-3-8, 9=258/0-3-8
 Max Horiz 2=153(load case 7)
 Max Uplift 2=-272(load case 6), 11=-534(load case 6), 9=-435(load case 10)
 Max Grav 2=889(load case 1), 11=2126(load case 1), 9=61(load case 11)

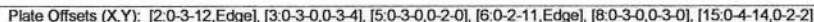
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/46, 2-3=237/11165, 3-4=1346/624, 4-5=493/373, 5-6=498/360, 6-7=489/1488, 7-8=620/1478, 8-9=460/1217, 9-10=0/47
 BOT CHORD 2-14=874/2103, 13-14=875/2094, 12-13=175/1157, 11-12=248/322, 9-11=1024/528
 WEBS 8-11=0/259, 3-13=909/681, 4-13=272/868, 4-12=1101/557, 5-12=133/208, 6-12=124/676, 6-11=1953/859, 7-11=270/257,
 8-11=286/324

NOTES (6)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02, 110mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed, MWFRS and C-C Exterior(2) zone; porch right exposed; Beam DOL=1.60 plate gird DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 272 lb uplift at joint 2, 534 lb uplift at joint 11 and 435 lb uplift at joint 9.
- 6) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

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TOP CHORD Structural wood sheathing directly applied or 2-7-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-7 oc bracing.
T-Brace: 2 X 4 SYP No.3 5-15
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.
with 4in minimum end distance.
Brace must cover 90% of web length.

LOAD CASE(S) Standard

Job L262743	Truss T13	Truss Type SPECIAL	Qty 1	Ply 1	AARON SIMQUE / LOT 9 SVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

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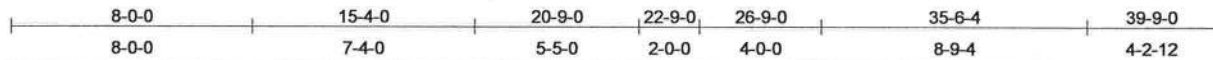
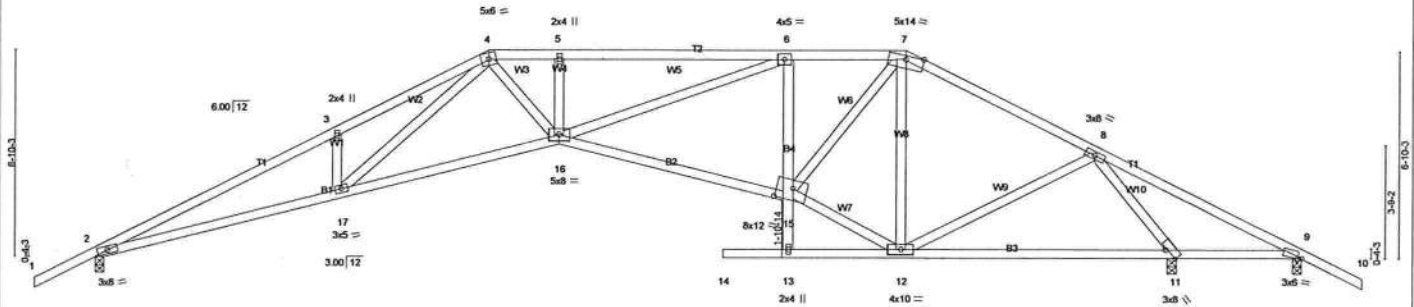
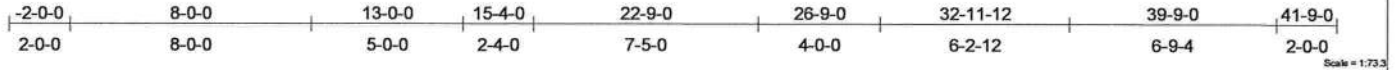


Plate Offsets (X,Y): [9:0-1-9,0-0-7], [11:0-5-0,Edge], [15:0-6-9,0-4-13]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0	TC 0.69	Vert(LL) 0.39	16-17	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.71	Vert(TL) -0.70	16-17	>609	240		
BCLL 10.0	Rep Stress Incr YES	WB 0.99	Horz(TL) 0.39	11	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 216 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 2-7-4 oc purlins.
BOT CHORD 2 X 4 SYP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 4-4-3 oc bracing.
WEBS B4 2 X 4 SYP No.3	
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=1151/0-3-8, 9=731/0-3-8, 11=2358/0-3-8
 Max Horz 2=113(load case 7)
 Max Uplift 2=296(load case 6), 9=857(load case 10), 11=330(load case 5)
 Max Grav 2=1151(load case 1), 9=62(load case 5), 11=2358(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/46, 2-3=-3441/1642, 3-4=-3394/1823, 4-5=-3012/1446, 5-6=-3012/1446, 6-7=-1552/890, 7-8=-917/595, 8-9=-925/2253, 9-10=0/47
 BOT CHORD 2-17=-1305/3072, 16-17=-823/2430, 15-16=-521/1644, 13-15=0/79, 6-15=-865/414, 13-14=0/0, 12-13=-61/14, 11-12=-369/106,
 9-11=-1928/974
 WEBS 3-17=-331/357, 4-17=-636/850, 4-16=-376/1042, 5-16=-323/219, 6-16=-565/1508, 12-15=-155/815, 7-15=-463/1265, 7-12=-840/292,
 8-12=-322/1079, 8-11=-2834/1422

NOTES (7)
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 296 lb uplift at joint 2, 857 lb uplift at joint 9 and 330 lb uplift at joint 11.
 7) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job L282743	Truss T11	Truss Type HIP	Qty 1	Ply 1	AARON SIMQUE / LOT 9 SVE L282743020 Job Reference (optional)
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Builders FirstSource, Lake City, FL 32055

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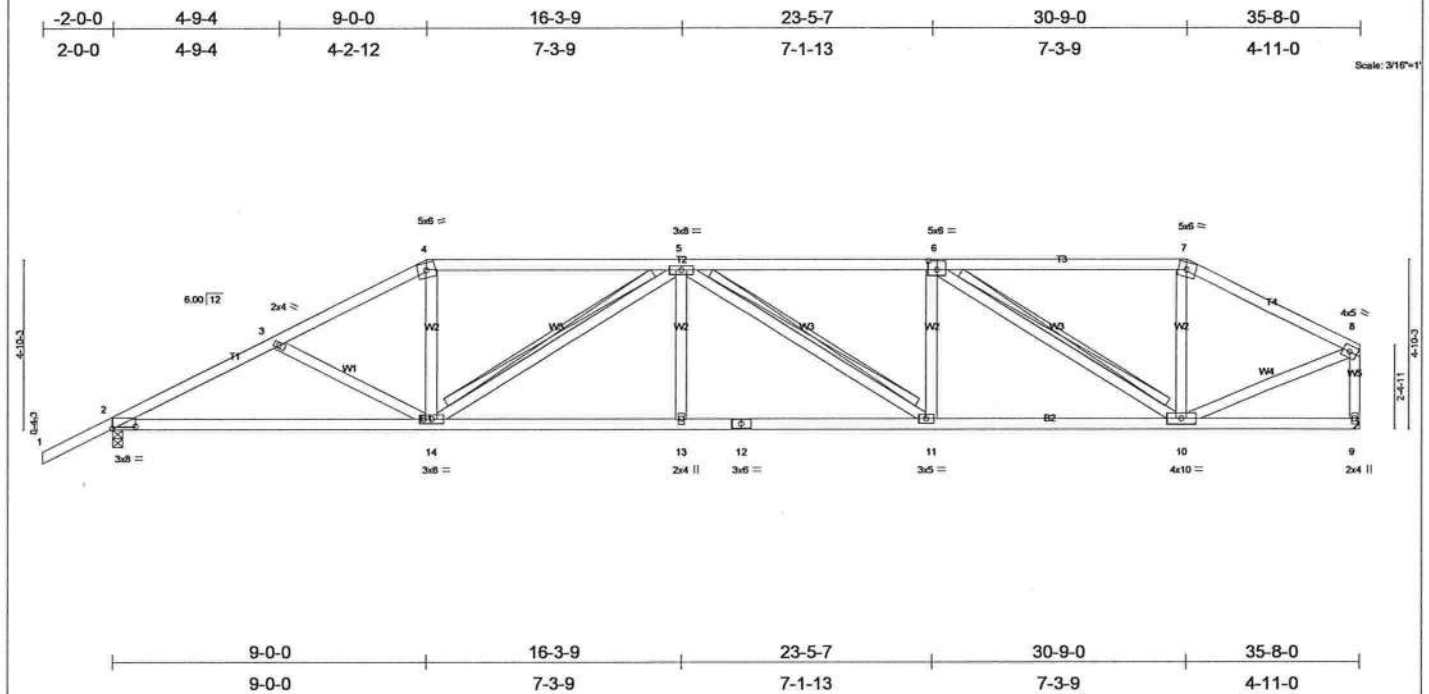


Plate Offsets (X,Y): [2-0-8-0,0-0-10], [6-0-3-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCCL 20.0	2-0-0	TC 0.36	in (loc) l/defl L/d	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.51	Vert(LL) 0.19 13 >999 360		
BCCL 10.0	Lumber Increase 1.25	WB 0.48	Vert(TL) -0.33 11-13 >999 240		
BCCL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.11 9 n/a n/a		
	Code FBC2004/TP12002			Weight: 191 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-2-4 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	Rigid ceiling directly applied or 5-10-15 oc bracing.
WEBS 2 X 4 SYP No.3	T-Brace: 2 X 4 SYP No.3 - 5-14, 5-11, 6-10
	Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. with 4in minimum end distance.
	Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1251/0-3-8, 9=1128/Mechanical
Max Horz 2=146(load case 6)
Max Uplift 2=285(load case 6), 9=245(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2130/1104, 3-4=-1919/1017, 4-5=-1697/975, 5-6=-2020/1139, 6-7=-1091/663, 7-8=-1259/672, 8-9=-1103/605
BOT CHORD 2-14=-1005/1832, 13-14=-1130/2225, 12-13=-1130/2225, 11-12=-1130/2225, 10-11=-1016/2014, 9-10=-35/40
WEBS 3-14=-171/178, 4-14=-199/506, 5-14=-712/329, 5-13=0/199, 5-11=-264/135, 6-11=-27/309, 6-10=-1135/567, 7-10=-45/286, 8-10=-550/1139

- NOTES** (7-8)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf, BCCL=3.0psf, Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 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) Refer to girder(s) for truss to truss connections.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 285 lb uplift at joint 2 and 245 lb uplift at joint 9.
 - 7) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 8) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 9 SVE
L282743	T09	SPECIAL	1	1	L282743018 Job Reference (optional)

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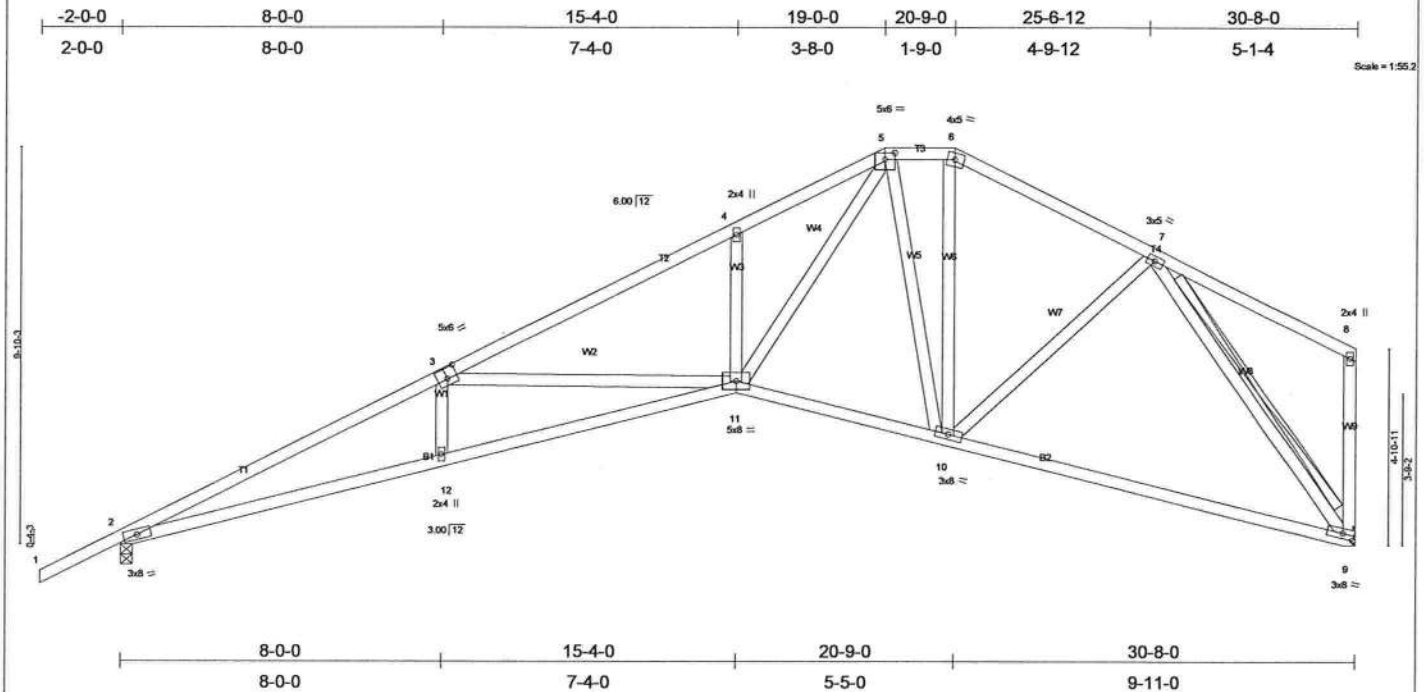


Plate Offsets (X, Y): [3.0-3.0,0.3-4], [5.0-3.0,0.2-0], [9.0-3.4,0.1-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.71	Vert(LL)	0.35 11-12	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.66	Vert(TL)	-0.52 11-12	>700	240		
BCLL 10.0 *	Rep Stress Incr YES	WB 0.88	Horz(TL)	0.31 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 179 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-8-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 7-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1092/0-3-8, 9=968/Mechanical
Max Horz 2=255(load case 6)
Max Uplift 2=312(load case 6), 9=193(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=3218/1821, 3-4=2219/1301, 4-5=2193/1467, 5-6=930/700, 6-7=1095/722, 7-8=93/77, 8-9=141/121
BOT CHORD 2-12=-1795/2871, 11-12=-1799/2862, 10-11=-532/1068, 9-10=-410/710
WEBS 3-12=0/255, 3-11=-885/656, 4-11=-333/341, 5-11=-1070/1623, 5-10=-497/274, 6-10=-133/266, 7-10=-76/334, 7-9=-1144/686

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone;
Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
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) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 312 lb uplift at joint 2 and 193 lb uplift at joint 9.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
9) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 9 SVE
L282743	T05	HIP	1	1	L282743014 Job Reference (optional)

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Job L282743	Truss T03	Truss Type MONO HIP	Qty 1	Ply 1	AARON SIMQUE / LOT 9 SVE
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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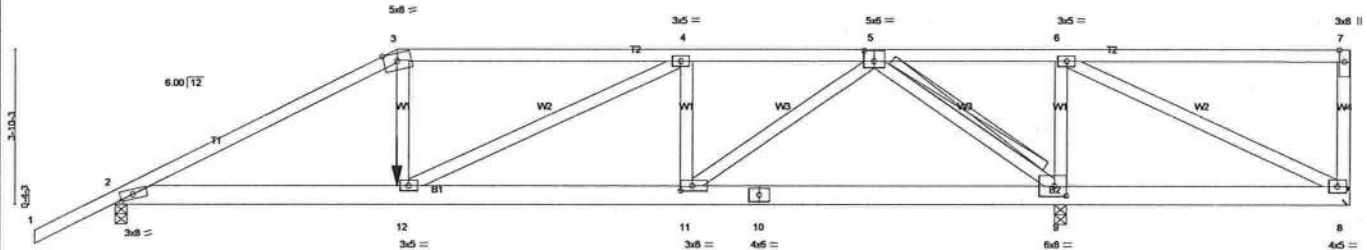
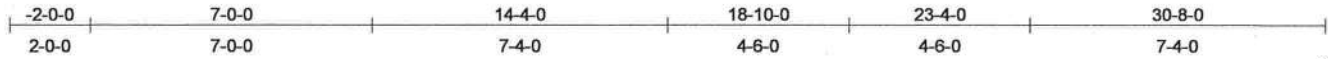


Plate Offsets (X,Y): [2-0-3-12,0-1-8], [5-0-3-0,0-3-0], [9-0-3-8,0-3-0], [11-0-3-8,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase 2-0-0 1.25	TC 0.86	Vert(LL) -0.10	11-12	>999	360		MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.30	Vert(TL) -0.19	11-12	>999	240			
BCLL 10.0	Rep Stress Incr NO	WB 0.54	Horz(TL) 0.04	9	n/a	n/a			
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							
									Weight: 179 lb

LUMBER

TOP CHORD 2 X 4 SYP No.1D *Except*
T1 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
W4 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-0-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.
with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS

(lb/size) 8=48/Mechanical, 2=1430/0-3-8, 9=2859/0-3-8
Max Horz 2=165(load case 5)
Max Uplift 8=48(load case 1), 2=477(load case 5), 9=962(load case 4)
Max Grav 8=8(load case 5), 2=1430(load case 1), 9=2859(load case 1)

FORCES

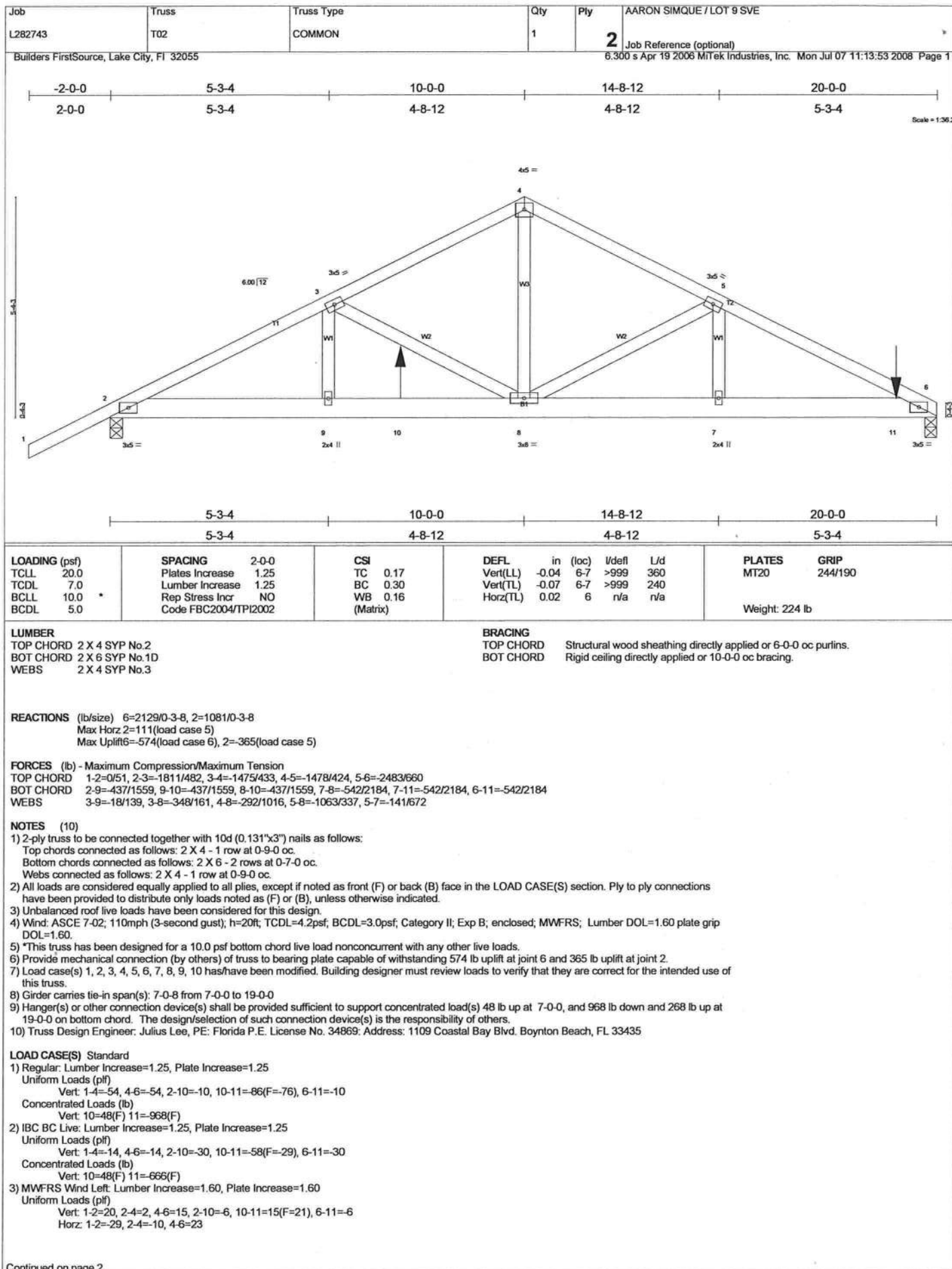
(lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/51, 2-3=2568/833, 3-4=2253/785, 4-5=2220/776, 5-6=293/899, 6-7=125/60, 7-8=394/205
BOT CHORD 2-12=781/2232, 11-12=776/2220, 10-11=376/921, 9-10=376/921, 8-9=899/293
WEBS 3-12=102/490, 4-12=75/60, 4-11=793/414, 6-9=1294/583, 5-11=500/1622, 5-9=2272/835, 6-8=393/1141

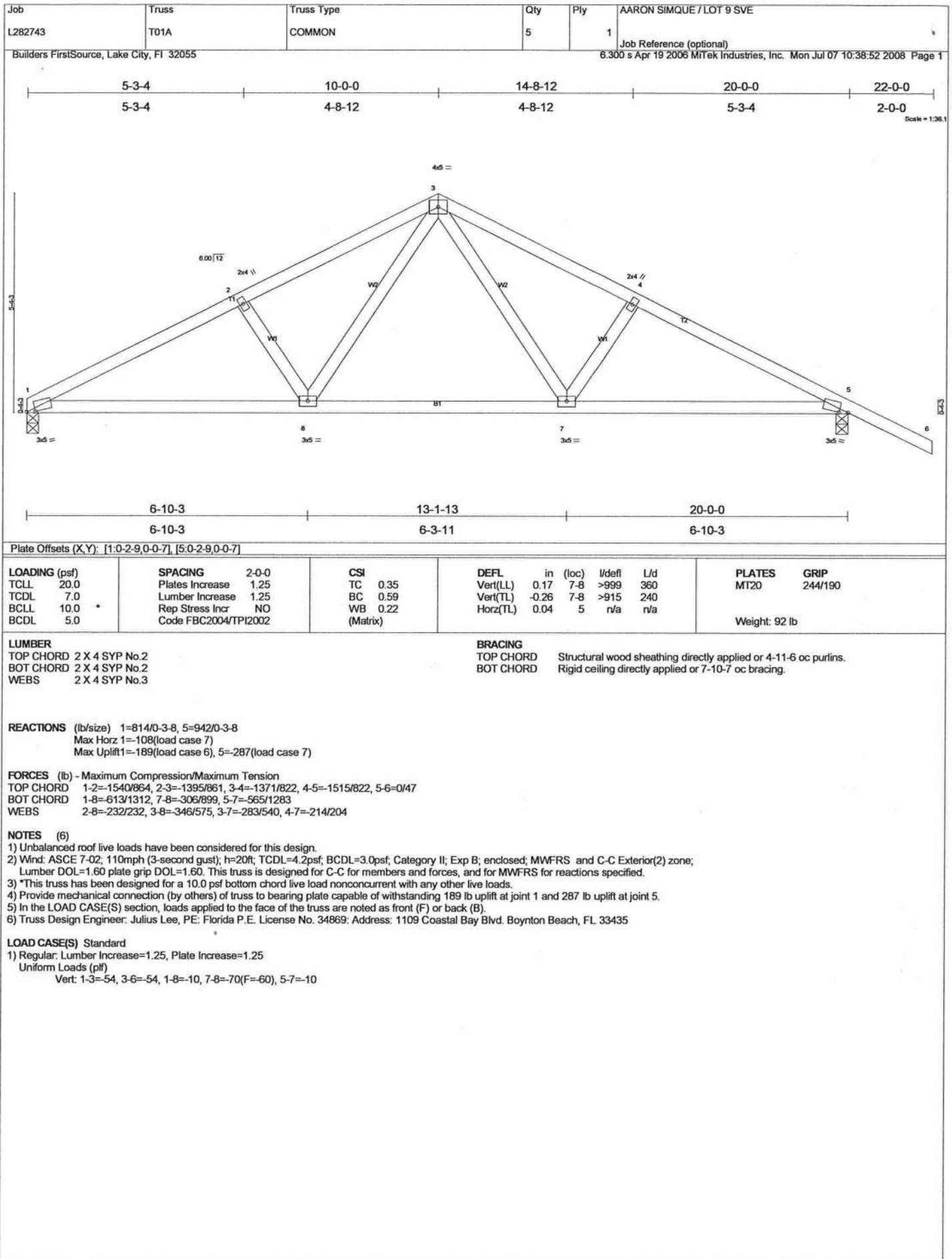
NOTES

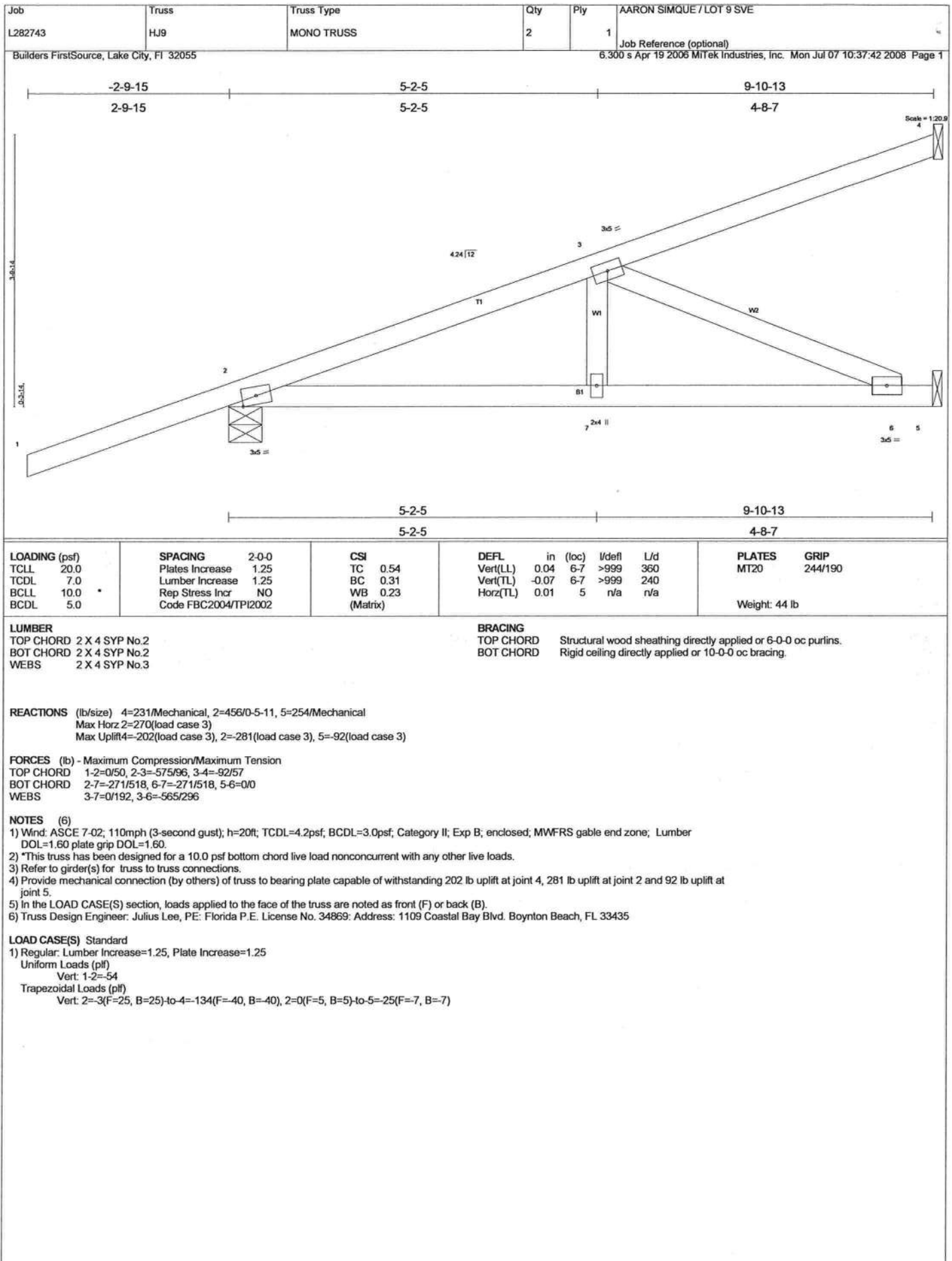
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf, BCDL=3.0psf, Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 8, 477 lb uplift at joint 2 and 962 lb uplift at joint 9.
- Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 411 lb down and 165 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
- Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S)

- Standard
1) Regular; Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (psf)
Vert: 1-3=54, 3-7=118(F=64), 2-12=10, 8-12=22(F=12)
Concentrated Loads (lb)
Vert: 12=411(F)







Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 9 SVE
L282743	EJ7A	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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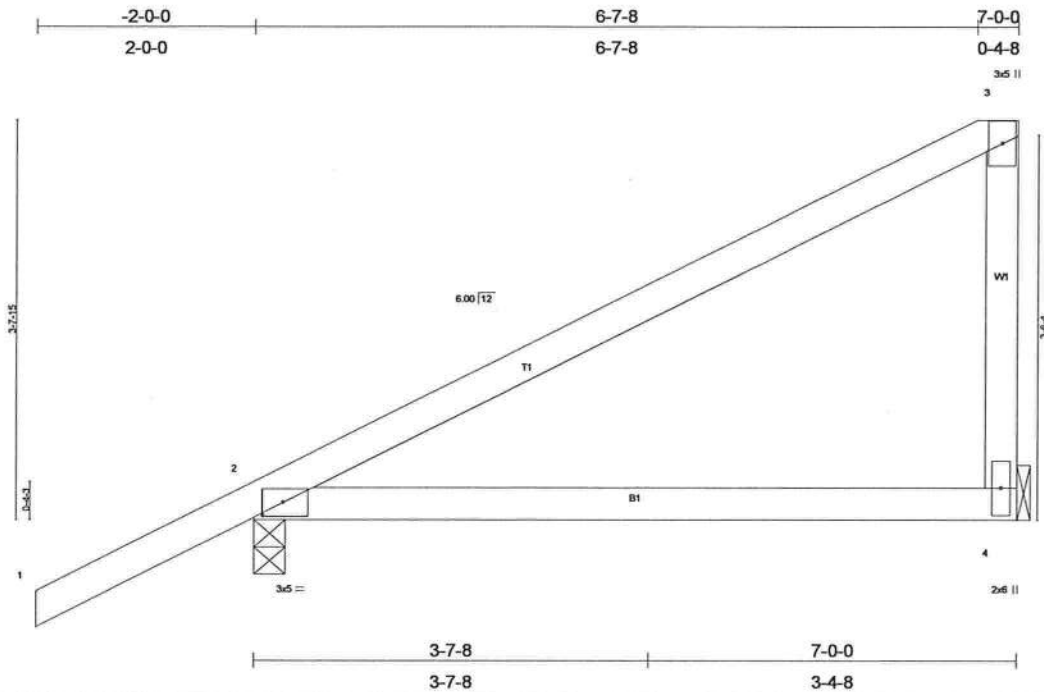


Plate Offsets (X, Y): [2-0-2-4, 0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.59	Vert(LL)	-0.05	2-4	>999	360	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.16	Vert(TL)	-0.09	2-4	>942	240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	4	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002								
								Weight: 30 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

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

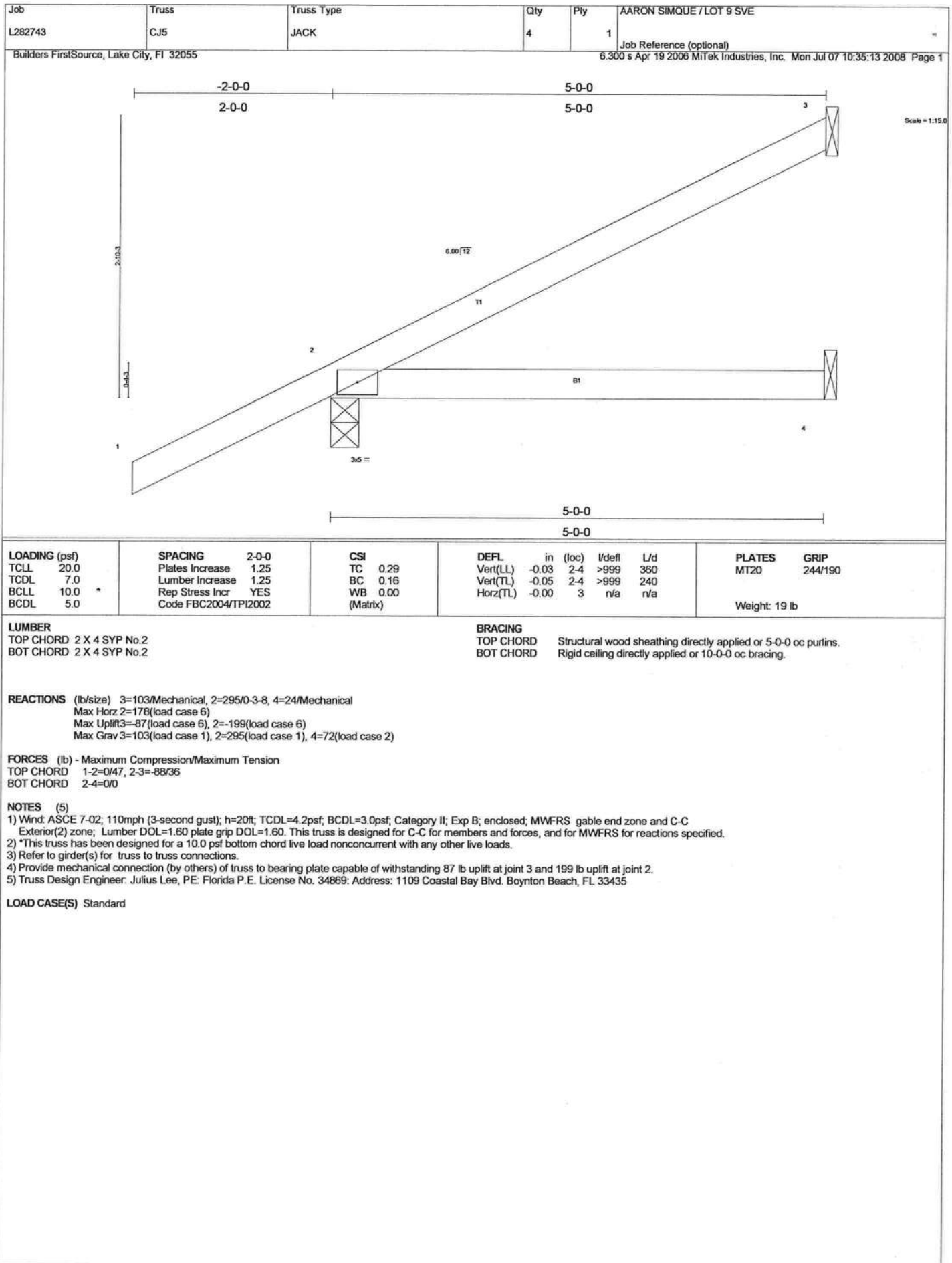
REACTIONS (lb/size) 4=196/Mechanical, 2=349/0-3-8
 Max Horz 2=160(load case 6)
 Max Uplift 4=70(load case 6), 2=139(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=160/6, 3-4=144/200
 BOT CHORD 2-4=65/68

NOTES (5)

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 4 and 139 lb uplift at joint 2.
- 5) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



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Weight: 7 lb

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

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-69/75
BOT CHORD 2-4=0/0

NOTES (5)
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf, BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 3) Refer to girder(s) for truss to truss connections.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 274 lb uplift at joint 2 and 90 lb uplift at joint 3.
 5) Truss Design Engineer: Julius Lee, PE; Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard