

LUMBER

N. L. G. A. RULES

CHORDS	SIZE	DRY	LUMBER	DESCR.
1 - 5	2 X 4	DRY	No.2	SPF
5 - 9	2 X 4	DRY	No.2	SPF
17 - 2	2 X 4	DRY	No.2	SPF
10 - 8	2 X 4	DRY	No.2	SPF
17 - 13	2 X 4	DRY	No.2	SPF
13 - 10	2 X 4	DRY	No.2	SPF
ALL WEBS EXCEPT	2 X 3	DRY	No.2	SPF

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
2	TMVW-t	MI20	4.0	6.0	1.50	2.75
3, 4, 6, 7						
3	TMWW-t	MI20	3.0	4.0		
5	TTW-p	MI20	4.0	4.0		
8	TMVW-t	MI20	4.0	6.0	1.50	2.75
10	BMV1+p	MI20	3.5	6.0	Edge	1.75
11	BMWW-t	MI20	3.5	6.0	1.75	1.50
12	BMWW-t	MI20	3.0	4.0		
13	BS-t	MI20	3.0	5.0		
14	BMWWW-t	MI20	3.5	6.0		
15	BMWW-t	MI20	3.0	4.0		
16	BMWW-t	MI20	3.5	6.0	1.75	1.50
17	BMV1+p	MI20	3.5	6.0	3.50	Edge

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

*****BEARING UNDERSIZED: 17, 10*****

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

JT	FACTORED GROSS REACTION		MAX. FACTORED GROSS REACTION		HEEL WEDGE
	VERT	HORZ	VERT	HORZ	
17	2201	-0	2201	0	
10	2201	0	2201	0	

MAX. UNFACTORED GROSS REACTIONS

JT	VERTICAL		HORIZONTAL	
	LIVE	DEAD	LIVE	DEAD
17	1257	252	0	0
10	1257	252	0	0

BEARING MATERIAL TO BE OF THE SAME SPECIES AS CHORD MEMBER AND OF GRADE NO. 2 OR BETTER.

BRACING
TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.10FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00FT. OR RIGID CEILING DIRECTLY APPLIED.

LOADING
LOAD CASE (1) OF (2)

MEMB.	FACTORED FORCE (LBS)	FACTORED VERT. LOA (PLF)		MAX CSI (LC)	MAX UNBRAC LENGTH	MEMB.	FACTORED FORCE (LBS)	
		FROM	TO				MAX	MAX
FR-TO						FR-TO		
1 - 2	43T	-134.1	-134.1	0.39 (1)	10.00	16 - 3	795C	0.16 (1)
2 - 3	2320C	-134.1	-134.1	0.32 (1)	4.21	3 - 15	231T	0.05 (1)
3 - 4	2528C	-134.1	-134.1	0.29 (1)	4.10	15 - 4	46C	0.02 (2)
4 - 5	2160C	-134.1	-134.1	0.28 (1)	4.38	4 - 14	543C	0.32 (1)
5 - 6	2160C	-134.1	-134.1	0.28 (1)	4.38	14 - 5	925T	0.21 (1)
6 - 7	2528C	-134.1	-134.1	0.29 (1)	4.10	14 - 6	543C	0.32 (1)
7 - 8	2320C	-134.1	-134.1	0.32 (1)	4.21	12 - 6	46C	0.02 (2)
8 - 9	43T	-134.1	-134.1	0.39 (1)	10.00	12 - 7	231T	0.05 (1)
17 - 2	2152C	0.0	0.0	0.23 (1)	5.78	11 - 7	795C	0.16 (1)
10 - 8	2152C	0.0	0.0	0.23 (1)	5.78	2 - 16	2395T	0.54 (1)
17 - 16	OC	-26.5	-26.5	0.06 (1)	10.00	11 - 8	2395T	0.54 (1)
16 - 15	2215T	-26.5	-26.5	0.40 (1)	10.00			
15 - 14	2397T	-26.5	-26.5	0.44 (1)	10.00			
14 - 13	2397T	-26.5	-26.5	0.44 (1)	10.00			
13 - 12	2397T	-26.5	-26.5	0.44 (1)	10.00			
12 - 11	2215T	-26.5	-26.5	0.40 (1)	10.00			
11 - 10	OC	-26.5	-26.5	0.06 (1)	10.00			

DESIGN CRITERIA

UNFACTORED LOADS:

TOP CH.	LL = 42.2	PSF
	DL = 3.0	PSF
BOT CH.	LL = 3.0	PSF
	DL = 7.0	PSF
TOTAL LOAD	= 55.2	PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 1995 WHERE THE SPECIFIED GROUND SNOW LOAD IS 56.4 P.S.F. OR LESS AND SPECIFIED RAIN LOAD DOES NOT EXCEED 8.4 P.S.F.

THIS DESIGN COMPLIES WITH:
- PART 9 OF OBC 1997, BCBC 1998, ABC 1997
- CSA 086.1-94 (LSD)
- TPIC 1996 (LSD)
- C.C.M.C. ACCEPTA D.:
11996-L(MI20)
10319-L(MI16)

60% OF 56.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD EQUALS 42.2 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL = L/360 (0.80")
CALCULATED VERT. DEFL.(TL) = L/ 999 (0.17")

CSI: TC=0.39 (8-9:1), BC=0.44 (14-15:1), WB=0.54 (2-16:1), SSI=0.24 (2-3:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS= 1.10

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

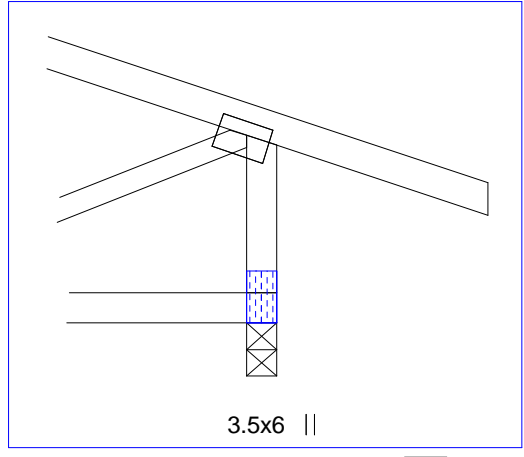
PLATE	GRIP(DRY)	SHEAR	SECTION
	(PSI)	(PLI)	(PLI)
MI20	627	380	1690 971 2284 1656

PLATE PLACEMENT TOL. = 0.25 inches

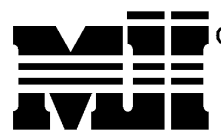
DO NOT USE THIS DESIGN IF THE DESIGN CRITERIA LISTED ABOVE DO NOT MEET PROJECT OR LOCAL BUILDING CODE REQUIREMENTS.

WHEN THIS DESIGN IS SEALED AND SIGNED, MITEK CANADA INC. APPROVES ONLY THE STRUCTURAL DESIGN OF THE TRUSS AS AN INDIVIDUAL COMPONENT BASED ON THE DATA PROVIDED BY THE CUSTOMER AND SHOWN ON THIS DRAWING.

MITEK CANADA, INC. GENERAL SPECIFICATIONS, DATED APRIL 1, 1997, FORM AN INTEGRAL PART OF THIS DESIGN.

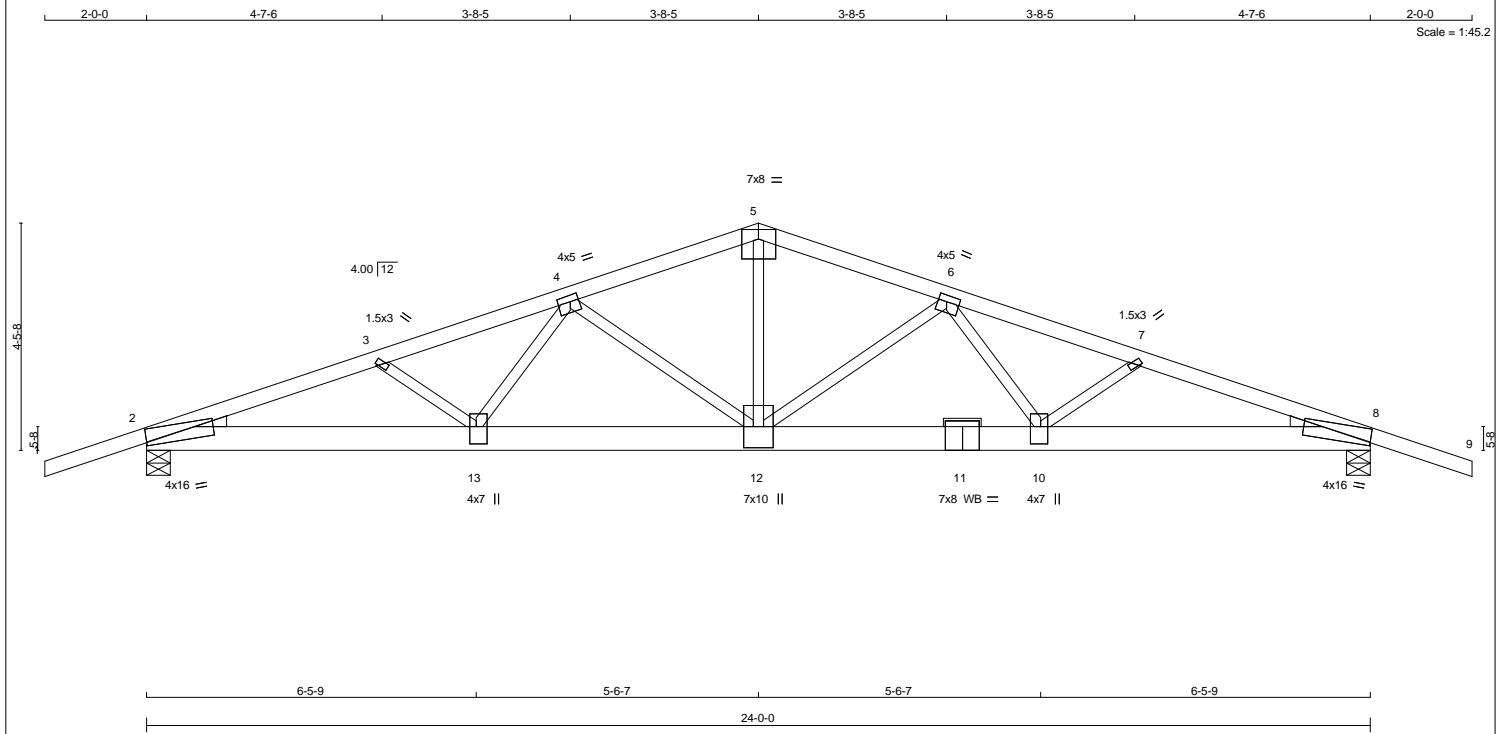


FLUSH-PLATE DETAIL



MiTek Canada, Inc.
100 Industrial Rd., P.O. Box 1329
Bradford, Ontario, L3Z 2B7





TOTAL WEIGHT = 3 X 119 = 357 lbs

LUMBER
N. L. G. A. RULES

CHORDS	SIZE	LUMBER	DESCR.
1 - 5	2 X 4	DRY 2100F 1.8E	SPF
5 - 9	2 X 4	DRY 2100F 1.8E	SPF
2 - 11	2 X 6	DRY 1650F 1.5E	SPF
11 - 8	2 X 6	DRY 1650F 1.5E	SPF
ALL WEBS	2 X 3	DRY No.2	SPF

DRY: SEASONED LUMBER.

DESIGN CONSISTS OF 3 TRUSSES BUILT SEPARATELY THEN NAILED TOGETHER WITH 3" SPIRAL WIRE NAILS STAGGERED THROUGHOUT BOTH FACES AS PER NAILING PATTERN

CHORDS	#ROWS	SPACING(IN)	LOAD(PLF)
1-5	1	12	TOP
5-9	1	12	TOP
2-11	2	4	SIDE(720.2)
11-8	2	4	SIDE(720.2)
WEBS			
2x3	1	6	

TOP - COMPONENTS ARE LOADED FROM THE TOP AND MUST BE PLACED ON TOP EDGE OF ALL PLIES FOR THE LOAD TO BE TRANSFERRED TO EACH PLY.

SIDE - PLF SHOWN IS THE EQUIVALENT UDL APPLIED TO ONE SIDE THAT THE CORRESPONDING NAILING PATTERN SHALL BE CAPABLE OF TRANSFERING. REMAINING PLF MUST BE APPLIED ON THE OPPOSITE SIDE OR ON THE TOP.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
2	TMB1-m	MI20	4.0	16.0	0.75	
3	TMW+w	MI20	1.5	3.0		
4	TMWW-t	MI20	4.0	5.0	1.50	2.00
5	TTW-p	MI20	7.0	8.0	2.25	4.00
6	TMWW-t	MI20	4.0	5.0	1.50	2.00
7	TMW+w	MI20	1.5	3.0		
8	TMB1-m	MI20	4.0	16.0	0.75	
10	BMWW+H	MI20	4.0	7.0	4.00	1.50
11	BS-t	MI20	7.0	8.0		
12	BMWWW+H	MI20	7.0	10.0		
13	BMWW+H	MI20	4.0	7.0	4.00	1.50

WB - INDICATES BLOCKING REQUIRED

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

JT	FACTORED GROSS REACTION	MAX. FACTORED GROSS REACTION	INPUT BRG	REQRD BRG	HEEL WEDGE
	VERT	HORZ	VERT	HORZ	
2	11731	0	11731	98	5-8
8	11731	0	11731	0	5-8

MAX. UNFACTORED GROSS REACTIONS

JT	LIVE	DEAD	NBCC	LIVE	DEAD	LIVE	DEAD
2	6289	1550	240	65	0	-1937	1550
8	6289	1550	240	0	0	-1937	1550

MAX. FACTORED GROSS REACTIONS

JT	DOWNWARD	UPLIFT
2	11731	-1587
8	11731	-1587

PROVIDE ANCHORAGE AT BEARING JOINT 2 FOR 1587 LBS FACTORED UPLIFT
PROVIDE ANCHORAGE AT BEARING JOINT 8 FOR 1587 LBS FACTORED UPLIFT

* NOTE: ANCHORAGE REQUIRED FOR LARGE UPLIFT FORCES. *
* SHALL BE PROVIDED BY BUILDG. DESIGNER

PROVIDE FOR 98 LBS FACTORED HORIZONTAL REACTION AT JOINT 2

BEARING MATERIAL TO BE OF THE SAME SPECIES AS CHORD MEMBER AND OF GRADE NO. 2 OR BETTER.

BRACING
MAX. UNBRACED TOP CHORD LENGTH = 2.55FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 6.25 FT. RIGID CEILING DIRECTLY APPLIED.

LOADING
LOAD CASE (1) OF (11)

CHORDS				WEBS			
MEMB.	FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX CSI (LC)	MEMB.	FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX CSI (LC)
FR-TO		FROM TO		FR-TO			
1 - 2	50T	-172.9	-172.9	0.12 (2)	10.00	3 - 13	708C
2 - 15	27616C	-172.9	-172.9	0.61 (1)	2.64	13 - 4	5857T
15 - 3	26469C	-172.9	-172.9	0.72 (1)	2.55	4 - 12	5232C
3 - 4	25892C	-172.9	-172.9	0.64 (1)	2.72	12 - 5	10910T
4 - 5	18188C	-172.9	-172.9	0.46 (1)	3.44	12 - 6	5232C
5 - 6	18188C	-172.9	-172.9	0.46 (1)	3.44	6 - 10	5857T
6 - 7	25892C	-172.9	-172.9	0.64 (1)	2.72	10 - 7	708C
7 - 17	26469C	-172.9	-172.9	0.72 (1)	2.55	14 - 15	2742T
17 - 8	27616C	-172.9	-172.9	0.61 (1)	2.64	16 - 17	2742T
8 - 9	50T	-172.9	-172.9	0.12 (3)	10.00		
2 - 14	25121T	-775.2	-775.2	0.67 (1)	6.25		
14 - 13	25121T	-775.2	-775.2	0.99 (1)	6.25		
13 - 12	21391T	-775.2	-775.2	0.84 (1)	6.25		
12 - 11	21391T	-775.2	-775.2	0.84 (1)	6.25		
11 - 10	21391T	-775.2	-775.2	0.84 (1)	6.25		
10 - 16	25121T	-775.2	-775.2	0.99 (1)	6.25		
16 - 8	25121T	-775.2	-775.2	0.67 (1)	6.25		

*** TRUSS HAS BEEN CHECKED FOR UNBALANCED LOADING ***
*** AS PER NBCC 4.1.7.1.(7) (LOAD CASES 2&3) ***

THIS TRUSS HAS BEEN DESIGNED FOR THE WIND LOADS GENERATED BY 6.7 PSF REFERENCE VELOCITY PRESSURE 40.0 FT. REFERENCE HEIGHT ABOVE GRADE, USING 10.0 PSF TOP CHORD DEAD LOAD AND 10.0 PSF BOTTOM CHORD DEAD LOAD, ON A CATEGORY 2 BUILDING. MAIN WIND FORCE RESISTING FORCE ROOF ZONE: INTERIOR.

DESIGN CRITERIA

UNFACTORED LOADS:

TOP CH.	LL	PSF
	53.5	PSF
DL	5.0	PSF
BOT CH.	LL	0.0
	0.0	PSF
NBCC LL	10.0	PSF
DL	10.0	PSF
TOTAL LOAD	78.5	PSF

SPACING = 24.0 IN. C/C

GIRDER TYPE: CStdGirder
START DISTANCE = 0-0
START SPAN CARRIED = 15-0-0
END DISTANCE = 24-0-0
END SPAN CARRIED = 15-0-0
END WALL WIDTH = 0-0
APPLIED TO FRONT SIDE OF BOTTOM CHORD.
- ADDTL LOADS BASED ON 94 % OF GSL.

THIS TRUSS IS DESIGNED FOR COMMERCIAL OR INDUSTRIAL BUILDING REQUIREMENTS OF PART 4, NBCC 1995 WHERE THE SPECIFIED GROUND SNOW LOAD IS 56.4 P.S.F. OR LESS AND SPECIFIED RAIN LOAD DOES NOT EXCEED 8.4 P.S.F.

THIS DESIGN COMPLIES WITH:
- PART 4 OF OBC 1997, BCBC 1998, ABC 1997
- CSA 086.1-94 (LSD)
- TPIC 1996 (LSD)
- C.C.M.C. ACCEPTANCE NO.:
11996-L(MI20)
10319-L(MI16)

80 % OF 56.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD EQUALS 53.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL. = L/360 (0.80")
CALCULATED VERT. DEFL.(LL) = L/735 (0.39")

CSI: TC=0.72 (7-17:1), BC=0.99 (10-16:1), WB=0.82 (5-12:1), SSI=0.49 (10-16:3)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS= 1.10

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

PLATE	GRIP(DRY)	SHEAR	SECTION
(PSI)	(PLI)	(PLI)	(PLI)
MAX	MIN	MAX	MIN
MI20	627	380	1690
	971	2284	1656

PLATE PLACEMENT TOL. = 0.25 inches

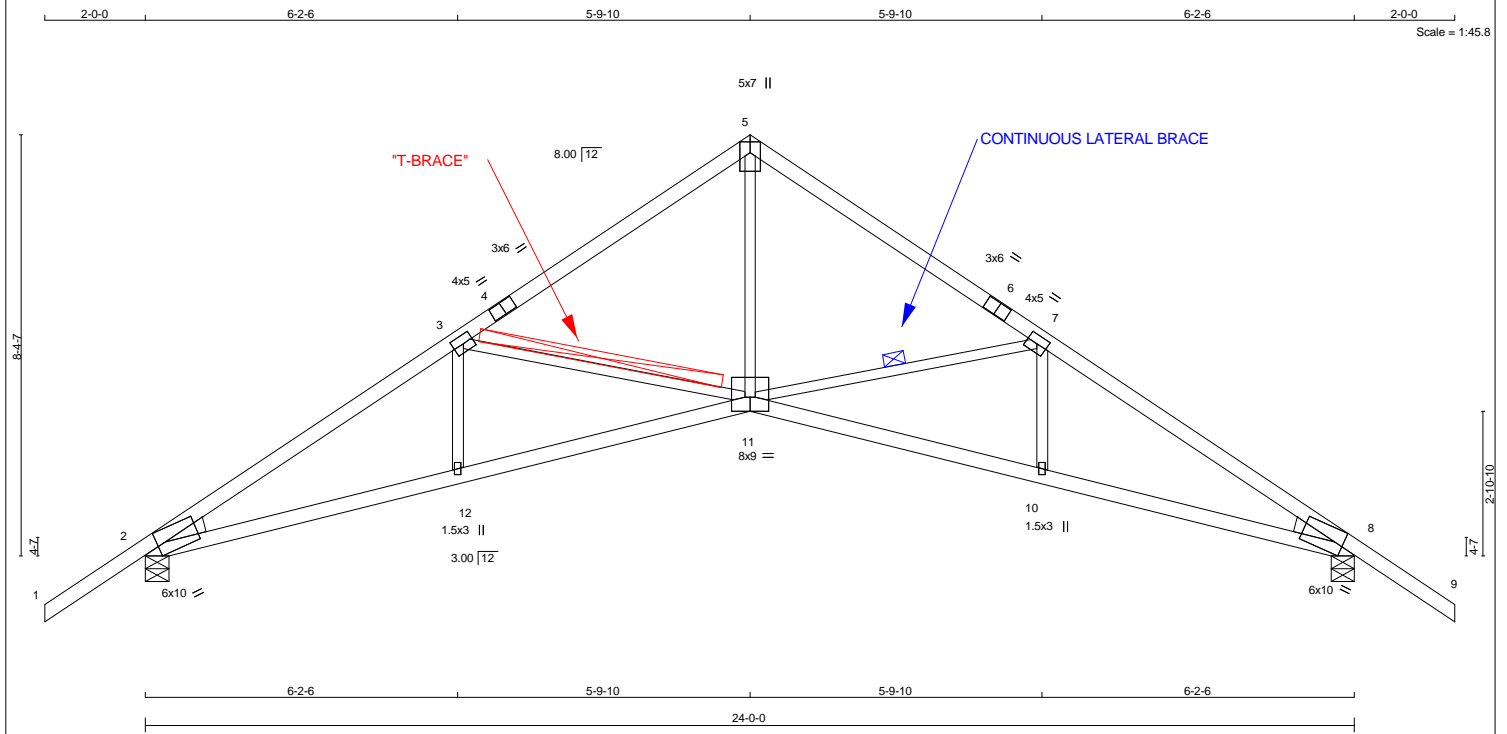
DO NOT USE THIS DESIGN IF THE DESIGN CRITERIA LISTED ABOVE DO NOT MEET PROJECT OR LOCAL BUILDING CODE REQUIREMENTS.

WHEN THIS DESIGN IS SEALED AND SIGNED, MITEK CANADA INC. APPROVES ONLY THE STRUCTURAL DESIGN OF THE TRUSS AS AN INDIVIDUAL COMPONENT BASED ON THE DATA PROVIDED BY THE CUSTOMER AND SHOWN ON THIS DRAWING.

MITEK CANADA, INC. GENERAL SPECIFICATIONS, DATED APRIL 1,1997, FORM AN INTEGRAL PART OF THIS DESIGN.

JOB NAME DEERHUST	TRUSS NAME SCISS-1	QUANTITY 1	PLY 1	JOB DESC. TRUSS DESC. Part 4 - Scissor Truss	DRWG NO.
-----------------------------	------------------------------	----------------------	-----------------	--	----------

Version 6.100 S Jul 28 2005 MiTek Industries, Inc. Mon Apr 17 14:01:26 2006 Page 1



TOTAL WEIGHT = 106 lbs [M][F]

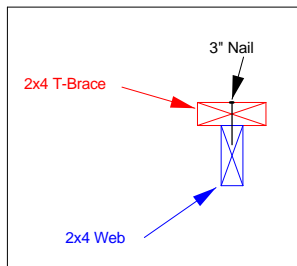
LUMBER				
N. L. G. A. RULES				
CHORDS	SIZE	DRY	LUMBER	DESCR.
1 - 4	2 X 4	DRY	2100F 1.8E	SPF
4 - 5	2 X 4	DRY	2100F 1.8E	SPF
5 - 6	2 X 4	DRY	2100F 1.8E	SPF
6 - 9	2 X 4	DRY	2100F 1.8E	SPF
2 - 11	2 X 4	DRY	2100F 1.8E	SPF
11 - 8	2 X 4	DRY	2100F 1.8E	SPF
ALL WEBS	2 X 3	DRY	No.2	SPF

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
2	TMBH1-m	MI120	6.0	10.0	Edge	2.00
8	TMWW-t	MI120	4.0	5.0		
4	TS-t	MI120	3.0	6.0		
5	TTW+p	MI120	5.0	7.0	Edge	
6	TS-t	MI120	3.0	6.0		
7	TMWW-t	MI120	4.0	5.0		
8	TMBH1-m	MI120	6.0	10.0	Edge	2.00
10	BMW+w	MI120	1.5	3.0		
11	BBWWW-p	MI120	8.0	9.0	3.25	4.50
12	BMW+w	MI120	1.5	3.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.



TYPICAL T-BRACE CROSS-SECTION

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS							
JT	FACTORED GROSS REACTION		MAX. FACTORED GROSS REACTION		INPUT BRG IN-SX	REQRD BRG IN-SX	HEEL WEDGE
	VERT	HORZ	VERT	HORZ			
2	3095	0	3095	-294	5-8	3-6	2 X 4 L
8	3095	-0	3095	0	5-8	3-6	2 X 4 R

MAX. UNFACTORED GROSS REACTIONS							
JT	VERTICAL			HORIZONTAL		UPLIFT	
	LIVE	DEAD	NBCC	LIVE	DEAD	LIVE	DEAD
2	1506	381	240	-196	0	-447	381
8	1506	381	240	0	0	-447	381

MAX. FACTORED GROSS REACTIONS			
JT	DOWNWARD	UPLIFT	
2	3095	-347	
8	3095	-347	

PROVIDE ANCHORAGE AT BEARING JOINT 2 FOR 347 LBS FACTORED UPLIFT
PROVIDE ANCHORAGE AT BEARING JOINT 8 FOR 347 LBS FACTORED UPLIFT

PROVIDE FOR 294 LBS FACTORED HORIZONTAL REACTION AT JOINT 2

ALLOW FOR 0.3" OF HORIZONTAL MOVEMENT DUE TO TOTAL LOAD

BEARING MATERIAL TO BE OF THE SAME SPECIES AS CHORD MEMBER OF GRADE NO. 2 OR BETTER.

BRACING
MAX. UNBRACED TOP CHORD LENGTH = 3.23FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 6.25FT. OR RIGID CEILING DIRECTLY APPLIED.

1-2X4 LATERAL BRACE REQUIRED AT 1/2 LENGTH OF 7-11
2 X 4 SPF No.2 T-BRACE REQUIRED AT 3-11
FASTEN T AND I-BRACES TO NARROW EDGE OF WEB WITH ONE ROW PER PLY OF 3" COMMON WIRE NAILS @ 6" O.C. WITH 3" MINIMUM END DISTANCE. BRACE MUST COVER 90% OF WEB LENGTH.

LOADING
LOAD CASE (1) OF (11)

C H O R D S					W E B S		
MEMB.	FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX CSI (LC)	MAX UNBRAC LENGTH	MEMB.	FACTORED FORCE (LBS)	
						FR-TO	MAX CSI (LC)
1 - 2	91T	-172.9	-172.9	0.41 (2)	10.00	11 - 5	3425T 0.77 (1)
2 - 14	6187C	-172.9	-172.9	0.28 (1)	3.38	12 - 3	347T 0.09 (10)
14 - 3	5768C	-172.9	-172.9	0.66 (2)	3.23	10 - 7	347T 0.09 (10)
3 - 4	3874C	-172.9	-172.9	0.60 (2)	3.87	3 - 11	1692C 0.56 (2)
4 - 5	3874C	-172.9	-172.9	0.60 (2)	3.87	11 - 7	1692C 0.52 (3)
5 - 6	3874C	-172.9	-172.9	0.60 (3)	3.87	13 - 14	182T 0.00 (1)
6 - 7	3874C	-172.9	-172.9	0.60 (3)	3.87	15 - 16	182T 0.00 (1)
7 - 16	5768C	-172.9	-172.9	0.66 (3)	3.23		
16 - 8	6187C	-172.9	-172.9	0.28 (1)	3.38		
8 - 9	91T	-172.9	-172.9	0.41 (3)	10.00		
2 - 13	4982T	-55.0	-55.0	0.40 (1)	6.25		
13 - 12	4980T	-55.0	-55.0	0.49 (1)	6.25		
12 - 11	4975T	-55.0	-55.0	0.53 (1)	6.25		
11 - 10	4975T	-55.0	-55.0	0.53 (1)	6.25		
10 - 15	4980T	-55.0	-55.0	0.49 (1)	6.25		
15 - 8	4982T	-55.0	-55.0	0.40 (1)	6.25		

*** TRUSS HAS BEEN CHECKED FOR UNBALANCED LOADING ***
*** AS PER NBCC 4.1.7.1.(7) (LOAD CASES 2&3) ***

THIS TRUSS HAS BEEN DESIGNED FOR THE WIND LOADS GENERATED BY 6.7 PSF REFERENCE VELOCITY PRESSURE 40.0 FT. REFERENCE HEIGHT ABOVE GRADE, USING 5.0 PSF TOP CHORD DEAD LOAD AND 10.0 PSF BOTTOM CHORD DEAD LOAD, ON A CATEGORY 2 BUILDING. MAIN WIND FORCE RESISTING FORCE ROOF ZONE: GABLE END.

DESIGN CRITERIA

UNFACTORED LOADS:
TOP CH. LL = 53.5 PSF
DL = 5.0 PSF
BOT CH. LL = 0.0 PSF
NBCC LL = 10.0 PSF
DL = 10.0 PSF
TOTAL LOAD = 78.5 PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR COMMERCIAL OR INDUSTRIAL BUILDING REQUIREMENTS OF PART 4, NBCC 1995
WHERE THE SPECIFIED GROUND SNOW LOAD IS 56.4 P.S.F. OR LESS AND SPECIFIED RAIN LOAD DOES NOT EXCEED 8.4 P.S.F.

THIS DESIGN COMPLIES WITH:
- PART 4 OF OBC 1997, BCBC 1998, ABC 1997
- CSA 086.1-94 (LSD)
- TPIC 1996 (LSD)
- C.C.M.C. ACCEPTANCE NO.:
11996-L(MI120)
10319-L(MI116)

80 % OF 56.4 P.S.F. G.S.L. PLUS
8.4 P.S.F. RAIN LOAD EQUALS
53.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL. = L/360 (0.80")
CALCULATED VERT. DEFL.(LL) = L/970 (0.30")

CSI: TC=0.66 (7-16:3), BC=0.53 (10-11:1),
WB=0.77 (5-11:1), SSI=0.47 (5-7:3)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS= 1.10

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES	PLATE GRIP(DRY) (PSI)	SHEAR (PLI)	SECTION (PLI)	
			MAX	MIN
MI120	627	380	1690	971
			2284	1656

PLATE PLACEMENT TOL. = 0.25 inches

DO NOT USE THIS DESIGN IF THE DESIGN CRITERIA LISTED ABOVE DO NOT MEET PROJECT OR LOCAL BUILDING CODE REQUIREMENTS.

WHEN THIS DESIGN IS SEALED AND SIGNED, MITEK CANADA INC. APPROVES ONLY THE STRUCTURAL DESIGN OF THE TRUSS AS AN INDIVIDUAL COMPONENT BASED ON THE DATA PROVIDED BY THE CUSTOMER AND SHOWN ON THIS DRAWING.

MITEK CANADA, INC. GENERAL SPECIFICATIONS, DATED APRIL 1, 1997, FORM AN INTEGRAL PART OF THIS DESIGN.



MiTek Canada, Inc.
100 Industrial Rd., P.O. Box 1329
Bradford, Ontario, L3Z 2B7

