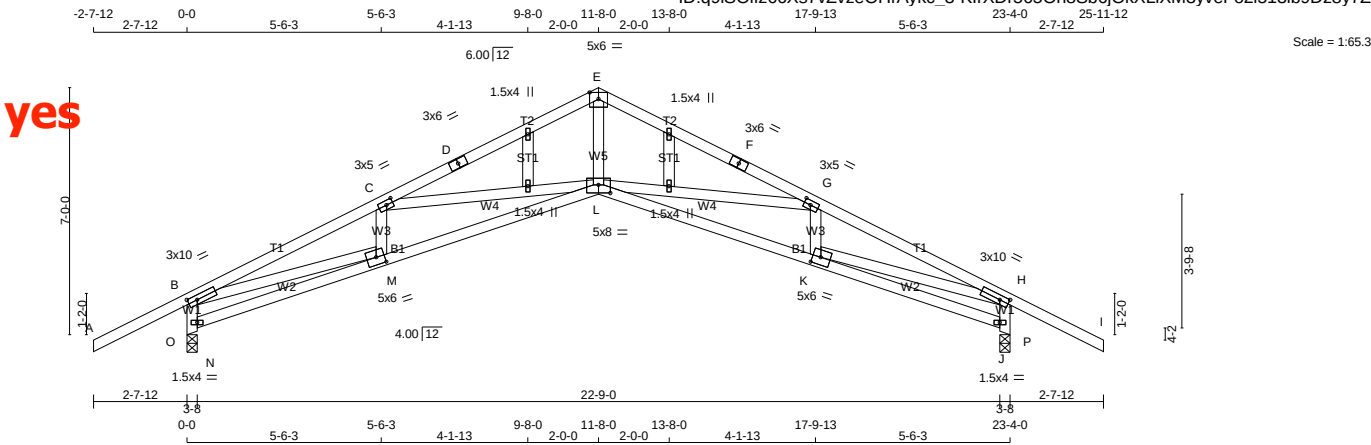


yes

Alberta Truss, Edmonton, Alberta, T6P 1X3, MSV

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ID:q9lSOifz66Xs7vZvzeOHrAyk3-KlrXDr565On8Sb6jOkxLiXM3yveFo2l5l3lb9Dz8y7Z



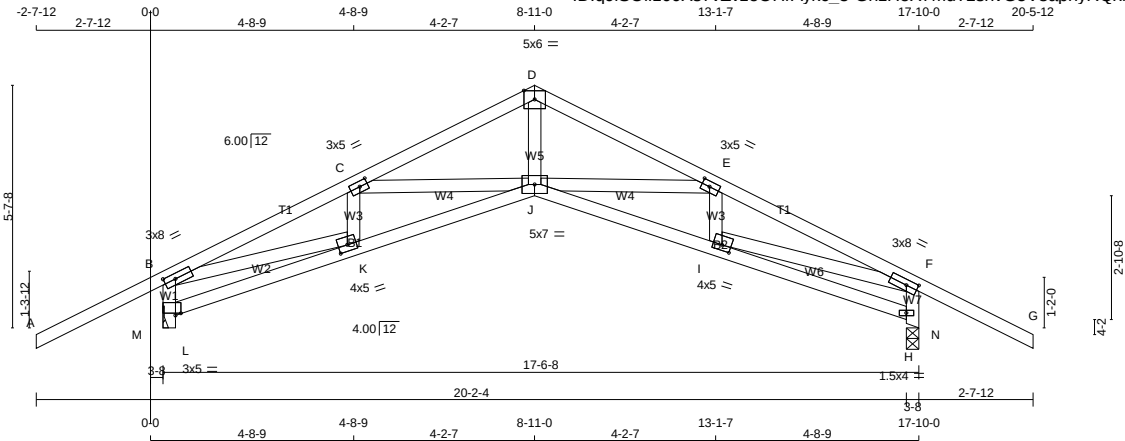
LUMBER N, L, G, A, RULES CHORDS SIZE LUMBER A - D 2x4 DRY No.2 D - E 2x4 DRY No.2 E - F 2x4 DRY No.2 F - I 2x4 DRY No.2 O - B 2x4 DRY No.2 P - H 2x4 DRY No.2 N - L 2x4 DRY No.2 L - J 2x4 DRY No.2 ALL WEBS 2x4 DRY No.2 ALL GABLE WEBS 2x4 DRY No.2 DRY: SEASONED LUMBER. GABLE STUDS SPACED AT 2'-0" OC.				DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER BEARINGS FACTORED GROSS REACTION JT VERT 1244 0 O 1244 0 P 1244 0 BEVELED PLATE OR SHIM REQUIRED TO PROVIDE FULL BEARING SURFACE WITH TRUSS CHORD AT JT(S): O, P ALLOW FOR 0.3" OF HORIZONTAL MOVEMENT DUE TO TOTAL LOAD UNFACTORED REACTIONS 1ST LCASE MAX./MIN. COMPONENT REACTIONS JT COMBINED SNOW LIVE PERM.LIVE WIND DEAD SOIL O 871 622 / 0 0 / 0 0 / 0 250 / 0 0 / 0 P 871 622 / 0 0 / 0 0 / 0 250 / 0 0 / 0 BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) O, P BEARING SIZE FACTOR = 1.15 AT JNT(S) O, P (BASED ON SUPPORT DEPTH = 1-8) BRACING TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 3.47 FT. MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT. OR RIGID CEILING DIRECTLY APPLIED. ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED. LOADING TOTAL LOAD CASES: (4) CHORDS MEMB. MAX. FACTORED FORCE (LBS) FACTORED VERT. LOAD (PLF) LC1 MAX. FACTORED (LC) UNBRAC LENGTH FR-TO A-B 0 / 44 -72.4 -72.4 0.37 (1) 10.00 B-C -3112 / 0 -72.4 -72.4 0.61 (1) 3.47 C-D -2546 / 0 -72.4 -72.4 0.58 (1) 3.85 D-E -2546 / 0 -72.4 -72.4 0.58 (1) 3.85 E-F -2546 / 0 -72.4 -72.4 0.58 (1) 3.85 F-G -2546 / 0 -72.4 -72.4 0.58 (1) 3.85 G-H -3112 / 0 -72.4 -72.4 0.61 (1) 3.47 H-I 0 / 44 -72.4 -72.4 0.37 (1) 10.00 O-N -1244 / 0 0.0 0.0 0.12 (1) 7.20 N-B -1198 / 0 0.0 0.0 0.12 (1) 7.31 P-J -1244 / 0 0.0 0.0 0.12 (1) 7.20 J-H -1198 / 0 0.0 0.0 0.12 (1) 7.31 N-M 0 / 4 -17.5 -17.5 0.14 (4) 10.00 M-L 0 / 2939 -17.5 -17.5 0.57 (1) 10.00 L-K 0 / 2939 -17.5 -17.5 0.57 (1) 10.00 K-J 0 / 4 -17.5 -17.5 0.14 (4) 10.00 WEBS MEMB. MAX. FACTORED FORCE (LBS) MAX. FACTORED (LC) CSI (LC) L-E 0 / 1897 0.30 (1) L-G -529 / 0 0.26 (1) K-G -270 / 18 0.03 (1) C-L -529 / 0 0.26 (1) M-C -270 / 18 0.03 (1) B-M 0 / 2856 0.46 (1) K-H 0 / 2856 0.46 (1) NAIL VALUES PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI) (PLI) MAX MIN MAX MIN MAX MIN MT20 650 371 1747 788 1987 1873 PLATE PLACEMENT TOL. = 0.250 inches PLATE ROTATION TOL. = 5.0 Deg. JSI GRIP= 0.90 (L) (INPUT = 0.90) JSI METAL= 0.66 (M) (INPUT = 1.00)				DESIGN CRITERIA SPECIFIED LOADS: TOP CH. LL = 21.6 PSF DL = 3.0 PSF BOT CH. LL = 0.0 PSF DL = 7.0 PSF TOTAL LOAD = 31.6 PSF SPACING = 24.0 IN.C/C THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCCC 2015 THIS DESIGN COMPLIES WITH: - PART 9 OF CBC 2018 , NBC-2019AE - PART 9 OF OBC 2012 (2019 AMENDMENT) - CSA 086-14 - TPIC 2014 (55 % OF 35.5 P.S.F. G.S.L. PLUS 2.1 P.S.F. RAIN LOAD) EQUALS 21.6 P.S.F. SPECIFIED ROOF LIVE LOAD ALLOWABLE DEFL.(LL)= L/360 (0.78") CALCULATED VERT. DEFL.(LL) = L/ 999 (0.23") ALLOWABLE DEFL.(TL)= L/360 (0.78") CALCULATED VERT. DEFL.(TL) = L/ 638 (0.44") CSI: TC=0.61/1.00 (B-C:1) , BC=0.57/1.00 (L-M:1) , WB=0.46/1.00 (B-M:1) , SSI=0.18/1.00 (C-E:1) DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS= 1.10 COMPANION LIVE LOAD FACTOR = 1.00 AUTOSOLVE HEELS OFF TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT . NAIL VALUES PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI) (PLI) MAX MIN MAX MIN MAX MIN MT20 650 371 1747 788 1987 1873 PLATE PLACEMENT TOL. = 0.250 inches PLATE ROTATION TOL. = 5.0 Deg. JSI GRIP= 0.90 (L) (INPUT = 0.90) JSI METAL= 0.66 (M) (INPUT = 1.00)			
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Alberta Truss, Edmonton, Alberta, T6P 1X3, MSV

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Yes



TOTAL WEIGHT = 10 X 77 = 769 lb [M]

LUMBER			
N, L, G, A, RULES	SIZE	LUMBER	DESCR.
CHORDS			
A - D	2x4	DRY	No.2
D - G	2x4	DRY	No.2
M - B	2x4	DRY	No.2
N - F	2x4	DRY	No.2
L - J	2x4	DRY	No.2
J - H	2x4	DRY	No.2
ALL WEBS 2x4 DRY			
SEASONED LUMBER.			

PLATES (table is in inches)						
JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW-t	MT20	3.0	8.0	1.50	3.25
C	TMWW-t	MT20	3.0	5.0	1.50	2.25
D	TTW-p	MT20	5.0	6.0	Edge	
E	TMWW-t	MT20	3.0	5.0	1.50	2.25
F	TMVW-t	MT20	3.0	8.0	1.50	3.25
H	BVM-p	MT20	1.5	4.0		
I	BMWW-t	MT20	4.0	5.0	1.50	2.50
J	BBWW-p	MT20	5.0	7.0		
K	BMWW-t	MT20	4.0	5.0	1.75	2.50
L	BVM-p	MT20	3.0	5.0	0.50	1.50

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

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

BEARINGS		FACTORED	MAXIMUM FACTORED	INPUT	REQRD
JT	VERT	GROSS REACTION	GROSS REACTION	BRG	BRG
DOWN	HORZ	DOWN	HORZ	UPLIFT	IN-SX
IN-SX				MECHANICAL	IN-SX
M	1005	0	1005	0	
N	984	0	984	0	3-8

A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED AT JOINT M. MINIMUM BEARING LENGTH AT JOINT M = 1-8.

BEVELED PLATE OR SHIM REQUIRED TO PROVIDE FULL BEARING SURFACE WITH TRUSS CHORD AT JT(S): N

UNFACTORED REACTIONS							
JT	COMBINED	1ST LCASE	MAX./MIN.	COMPONENT REACTIONS			
M	702	509 / 0	0 / 0	0 / 0	0 / 0	193 / 0	0 / 0
N	688	496 / 0	0 / 0	0 / 0	0 / 0	192 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) N
BEARING SIZE FACTOR = 1.15 AT JNT(S) N (BASED ON SUPPORT DEPTH = 1-8)

BRACING
TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.47 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT. OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING
TOTAL LOAD CASES: (4)

CHORDS				WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. FACTORED CSI (LC)	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. FACTORED CSI (LC)	
FR-TO		FROM	TO	FR-TO			
A-B	0 / 49	-72.4	-72.4 0.45 (1)	J-D	0 / 1298	0.21 (1)	
B-C	-1981 / 0	-72.4	-72.4 0.24 (1)	J-E	-310 / 0	0.07 (1)	
C-D	-1735 / 0	-72.4	-72.4 0.22 (1)	I-E	-213 / 12	0.02 (1)	
D-E	-1736 / 0	-72.4	-72.4 0.24 (1)	C-J	-232 / 0	0.05 (1)	
E-F	-2067 / 0	-72.4	-72.4 0.27 (1)	K-C	-241 / 0	0.03 (1)	
F-G	0 / 44	-72.4	-72.4 0.37 (1)	B-K	0 / 1804	0.29 (1)	
M-L	-1005 / 0	0.0	0.0 0.10 (1)	I-F	0 / 1889	0.30 (1)	
L-B	-966 / 0	0.0	0.0 0.10 (1)				
N-H	-984 / 0	0.0	0.0 0.10 (1)				
H-F	-942 / 0	0.0	0.0 0.10 (1)				
L-K	0 / 2	-17.5	-17.5 0.07 (4)				
K-J	0 / 1867	-17.5	-17.5 0.35 (1)				
J-I	0 / 1950	-17.5	-17.5 0.36 (1)				
I-H	0 / 2	-17.5	-17.5 0.08 (4)				

yes