Laminated Veneer Lumber Spans

Truss type: **Non-storage** **Commodore Corporation**

Total truss load at CL: 808 #

Truss load per half: 808 #

Truss # HMC03401

MODEL: HZ106-A1

Truss spacing : 24 "

T Load = 404.0 plf

L Load = 303.0 plf

Δ TL 240

Δ LL 360

C_d = 1

Coef. per ESR 1387

Member	No.	Manufacturer	Width in	Depth in	F_b psi	F_v psi	E psi	Coef	I_x in^4	S_x in^3	C_f	Max Span
1	1	Microllam	1.5	11.25	2925	285	2000000	0.136	177.98	31.64	1.009	12 ft - 0 in
2												
3												
4												
5												
6												
7												
8												
9												
10												

Max Spans

Member		F_b' psi	F_v' psi	M in*lb	V lb		Moment in	Shear in	Δ TL in	Δ LL in		Max Span
1		2951	285	93365	3206		148	190	150	144		12 ft - 0 in
2												
3												
4												
5												
6												
7												
8												
9												
10												

STATE OF MAINE
Nader Tomesbi
10835
REGISTERED PROFESSIONAL ENGINEER
03/19/2014