Date: 05/24/16

Laminated Veneer Lumber Spans

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

Truss reaction at the sidewall : 1000 #

Truss # HMC03401 MODEL: HZ106-A1

Truss spacing : 24 "

T Load = 500.0 plf Δ TL 180

L Load = 375.0 plf Δ LL 240

C_d = 1.15

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
1	3	Microllam	1.5	7.25	2925	285	2000000	0.136	142.90	39.42	1.071
2											
3											
4											
5											
6											
7											
8											
9											
10											

Max Span
11 ft - 11 in

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		3602	328	142012	7129		165	342	143	143		11 ft - 11 in
2												
3												
4												
5												
6												
7												
8												
9												
10												

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