Dimensional Lumber Header Spans

Truss type: **Non-storage**

Truss load: 0 #

Truss spacing : **24 "**

Truss # HMC03401

Floor width per section : **156 "**

Commodore Homes

MODEL: HZ106-A1

T Load =	325 plf	Δ TL	240	C_d = 1.15
L Load =	260 plf	Δ LL	360	C_H = 1

Lumber species: SPF

Member	No.	Sp / Grade	Width in	Depth in	F_b psi	F_v psi	E psi	Flat or Edge	I_x in^4	S_x in^3	C_r	C_f x C_{fu}	Max Span
1	3	#2	1.5	5.5	875	135	1400000	E	62.39	22.69	1.15	1.3	7 ft - 11 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		1504	155	34130	2562				100	189	101	95		7 ft - 11 in
2														
3														
4														
5														
6														
7														
8														
9														
10														

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