

Dimensional Lumber Header Spans

Truss load: 1000 #
Truss spacing : 24 "

Truss type: **NON-STORAGE**

Truss # HMC03401

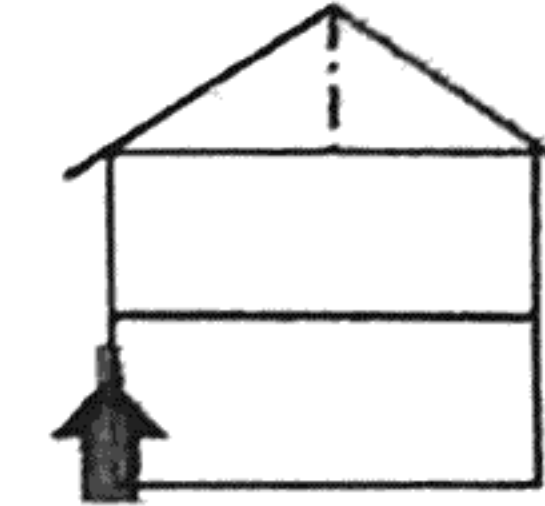
Floor width per section : 156 "

Commodore Homes

MODEL: HZ106-A1

T Load = 825 plf Δ TL 240 C_d = 1.15
L Load = 635 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 _r x C _{tu}
1	3	#2	1.5	5.5	875	135	1400000	E	62.39	22.69	1.15	1.3
2	3	#2	1.5	7.25	875	135	1400000	E	142.90	39.42	1.15	1.2
3												
4												
5												
6												
7												
8												
9												
10												

Max Span
5 ft - 3 in
6 ft - 7 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	1504	155	34130	2562	63	75	74	71	5 ft - 3 in
2	1389	155	54742	3377	79	98	98	93	6 ft - 7 in
3									
4									
5									
6									
7									
8									
9									
10									

