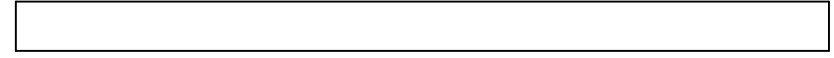
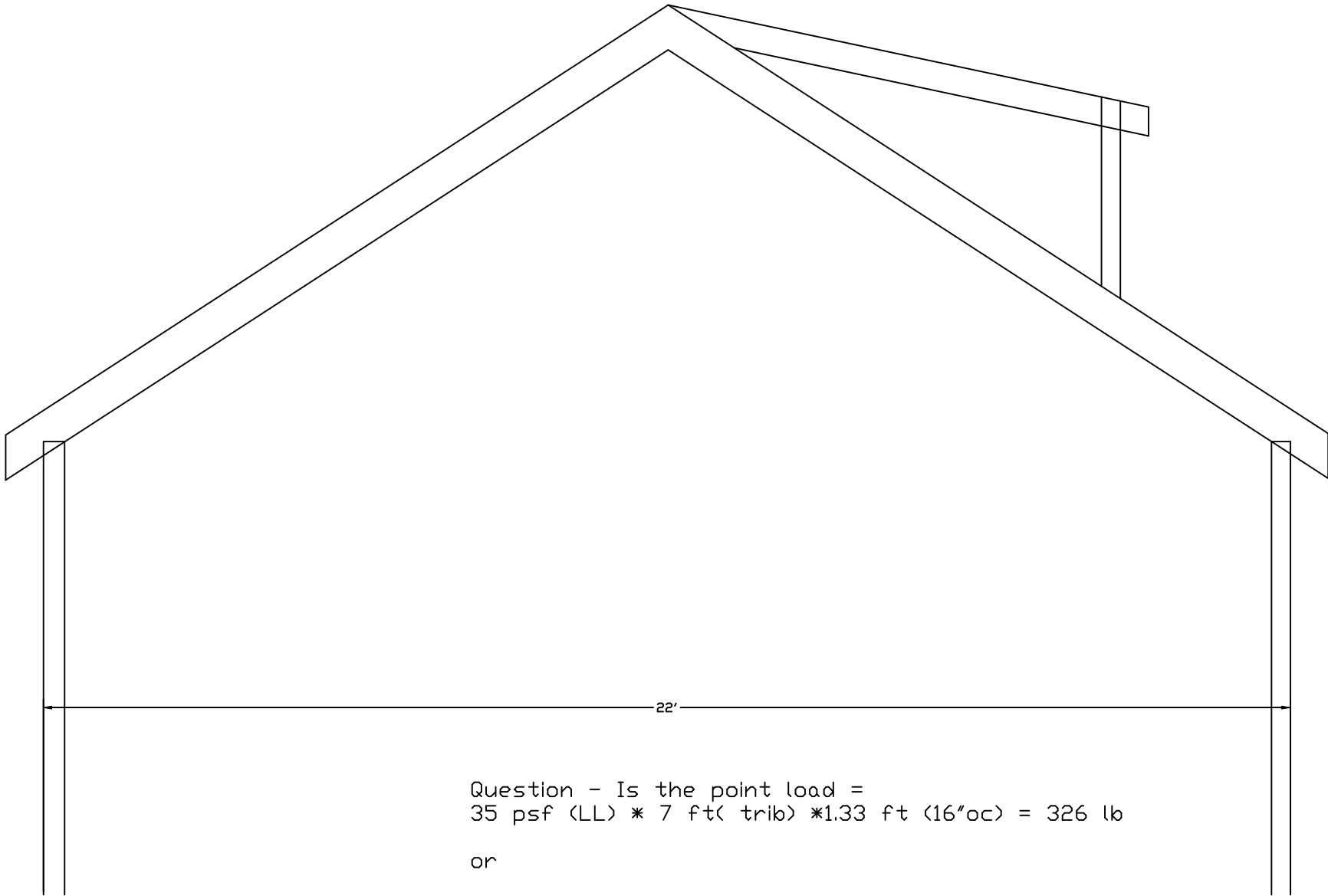


Uniform load - Live 35 psf Dead 10 psf





Question - Is the point load =  
 $35 \text{ psf (LL)} * 7 \text{ ft (trib)} * 1.33 \text{ ft (16" oc)} = 326 \text{ lb}$

or

$35 \text{ psf (LL)} * 3.5 \text{ ft (trib)} * 1.33 \text{ ft (16" OC)} = 163 \text{ lbs}$

Point  
Load

Uniform LL 35  
psf DL 10 psf

