On the framing plan diagram for this very small building above, cross hatch to indicate the tributary areas for B3, C3, and G3, also note each area in sqft (ft²). (there is no curtain wall, make the hatching pattern for each element identifiable)

2. The tributary width for B3 ____.
   a. 6 ft
   b. 12 ft
   c. 18 ft
   d. 36 ft

3. Calculate the line load for B3 in PLF (lbs/ft), for a DL of 40 psf  \( \omega = 240 \) lbs/ft

4. Calculate the line load for B3 in PLF (lbs/ft), for a LL of 100 psf  \( \omega = 600 \) lbs/ft

5. In the space below, draw B3 showing DL and LL uniform line loading, typical pin and roller boundary conditions, and also show the correct dimensions (do not solve reactions) use correct units!

\[ \text{DL w = 240 PLF} \]
\[ \text{LL w = 600 PLF} \]