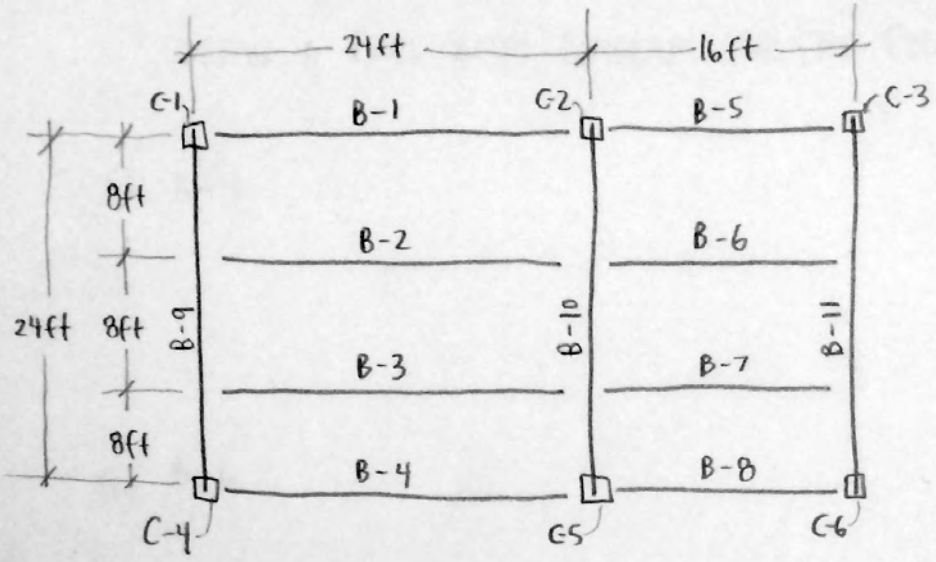
ARCH-211
LOAD & LOAD TRACING



LOAD: 50 lbs/ft²

1.) WHAT IS THE TRIBUTARY WIDTH OF B-4?

2.) " " " " WIDTH " B-6?

3.) WHAT IS THE TRIBUTARY AREA OF C-1?

4.) " " " " AREA " C-2?

5.) " " " " AREA " C-3?

6.) WHAT IS THE TOTAL LOAD TRANSFERRED TO C-3?

ARCH-211
LOAD & LOAD TRACING (CONT'D)

7.) DRAW A FREE-BODY DIAGRAM FOR THE FOLLOWING BEAMS:

7.) B-4.

8.) B-6.

9.) B-2.

10.) B-5.

11.) B-10.

12.) HOW MUCH TOTAL LOAD IS TRANSFERRED TO C-5?
(SHOW HOW YOU FOUND YOUR ANSWER)