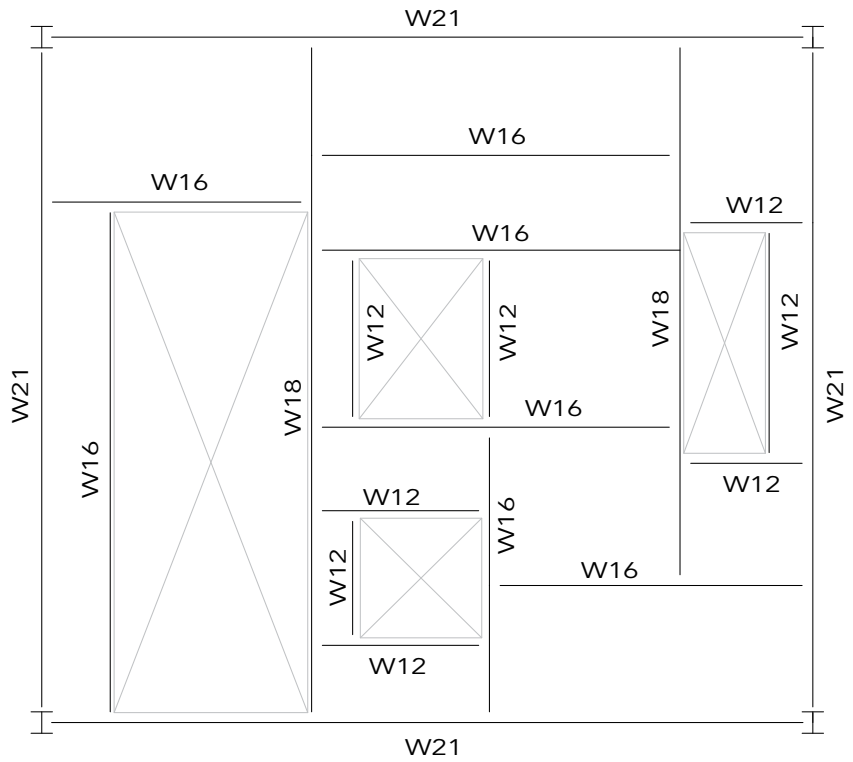


steel quiz

This month's Steel Quiz is a bit of a departure from past quizzes in that it poses only one question, based on a framing plan. Good luck!

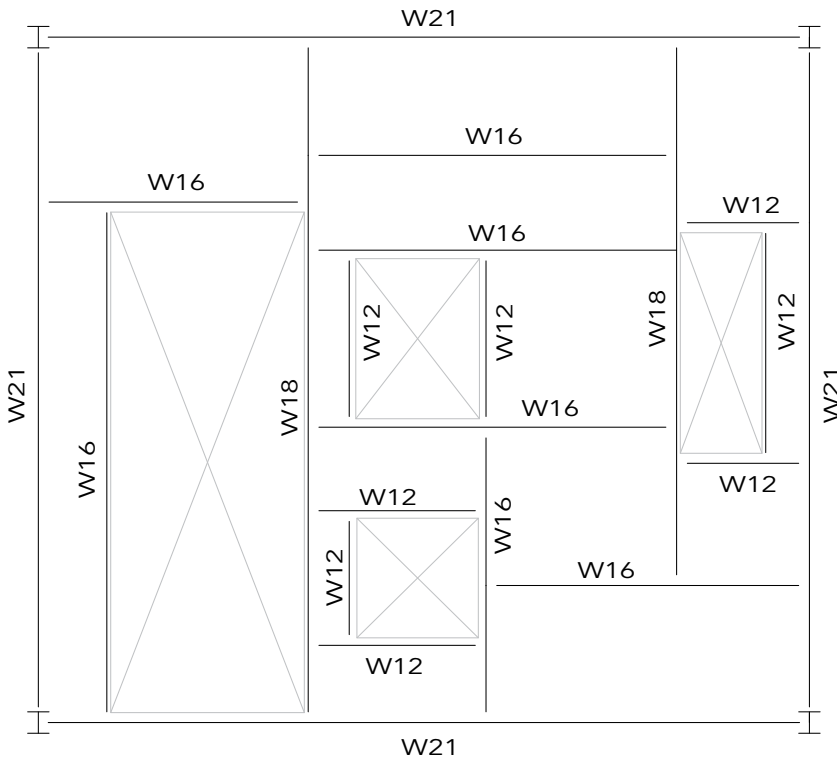
Can you spot the potential constructability issue with the proposed framing plan shown at right?

TURN PAGE FOR THE ANSWER.



steel quiz

ANSWER



This framing plan will be difficult to erect. Looking at the sequence of erection, the W18 and two W16 beams can easily be lifted into place. However, it would not be possible to erect the remaining beams in this bay without some additional temporary support provided by the erector.

One solution would be to extend the W18 (shown as a dashed red line in the plan below). There may be other options worth considering as well.



Anyone is welcome to submit questions and answers for the Steel Quiz. If you are interested in submitting one question or an entire quiz, contact AISC's Steel Solutions Center at 866.ASK.AISC or at solutions@aisc.org.

