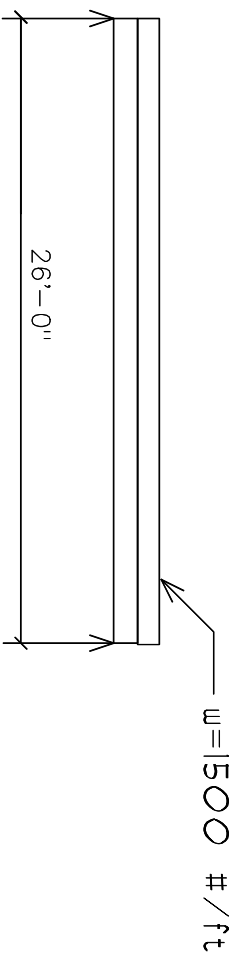


Arch 251 – Structural Analysis for Architects – Test #2

1. Design a $FY=36$ ksi steel beam for the conditions indicated. Show all calculations and select the lightest W shape member. (10 pts.)



A = _____

B = _____

Answer: Beam size _____