

CIVE 3205

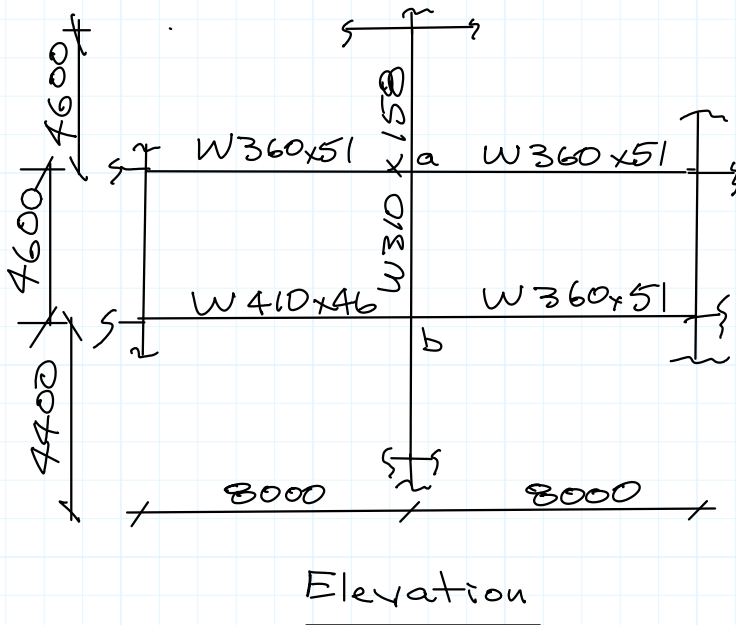
Problem Set

BCPS-10

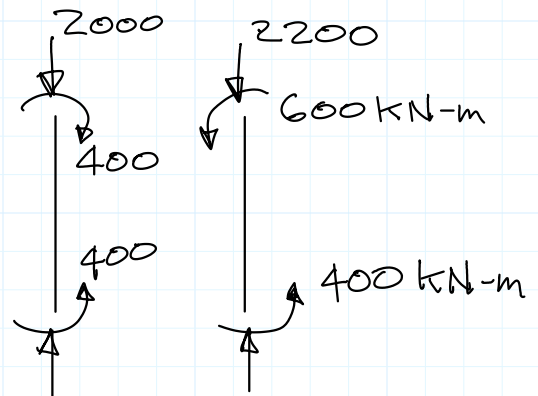
Beam-Columns

1) Beam Columns:

An interior column, ab, in a braced frame is shown in the sketch. All beam-column connections in the plane are rigid. All beams perpendicular to the plane are pinned.



For column a-b there are two critical loading cases (showing the factored loads)



Is the section adequate?
Show all checks.