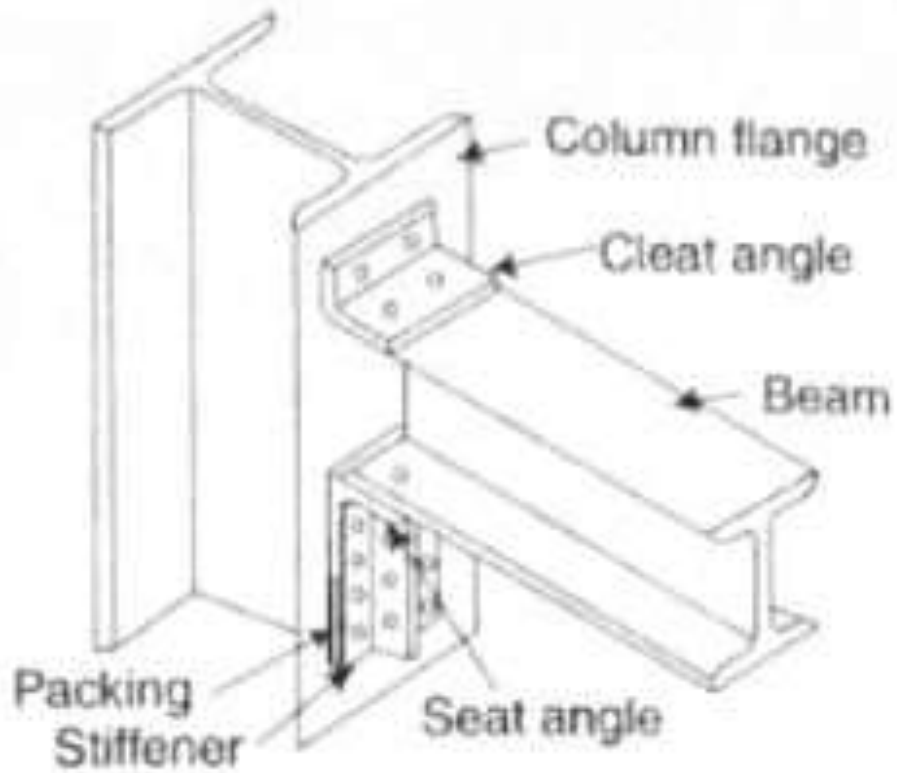


Beam to beam Framed Connection



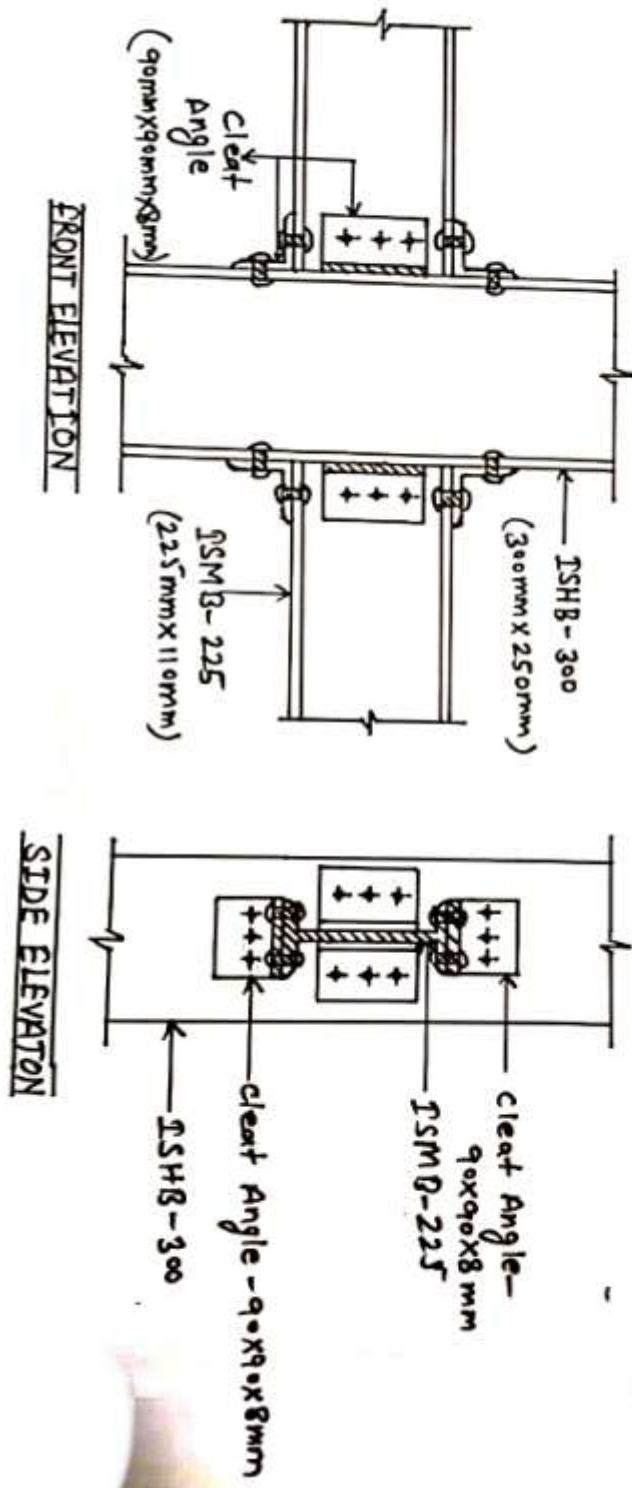


Beam to Beam Seated Connection

STEEL COLUMN TO BEAM CONNECTION (Civil 3rd Year)

- given data:- (i) Column (ISHB-300) = $D = 300\text{mm}$, $B = 250\text{mm}$, $t_f = 10.6\text{mm}$, $t_w = 7.6\text{mm}$
(ii) ISMB-225 (beam) = $D = 225\text{mm}$, $B = 110\text{mm}$, $t_f = 11.8\text{mm}$, $t_w = 6.5\text{mm}$
(iii) Cleat Angle = $90\text{mm} \times 90\text{mm} \times 8\text{mm}$ (iv) Rivet = $17\text{mm } \phi$

Scale:- 1:5





STEEL DRAWING - BEAM TO BEAM (GRADED) CONNECTION

(एक-एक टॉवेर जोड़)

SCALE 1:5

Given Data

- (i) Main beam = 200MM X 600MM (ISM B) $t_f = 20$ MM, $t_w = 15$ MM
- (ii) Secondary beam = 125MM X 250MM (ISLB-250), $t_f = 15$ MM, $t_w = 10$ MM
- (iii) Cleat angle = 100MM X 100MM X 12MM (iv) Rivets = 16MM ϕ

