

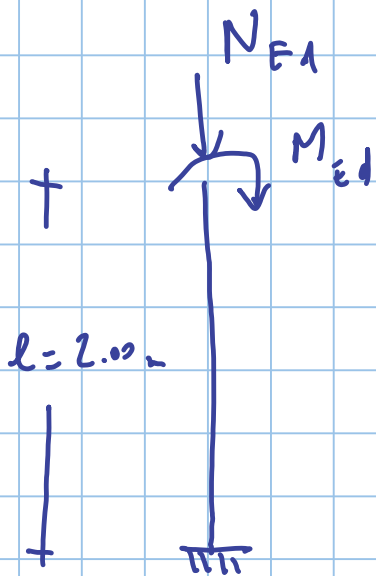
met. d. A



met. d. B

$$1) \frac{N_{Ed}}{N_{b,Rd,y}} + K_{yy} \frac{M_{Ed,y}}{M_{Rd,y}} \leq 1$$

$$2) \frac{N_{Ed}}{N_{b,Rd,z}} \leq 1$$



$$l_0 = 4.00 \text{ m}$$

HE 200 B 5275

$$A = 78.1 \times 10^2 \text{ mm}^2$$

$$W_{y,pl} = 642.5 \times 10^3 \text{ mm}^3$$

$$i_y = 85.4 \text{ mm}$$

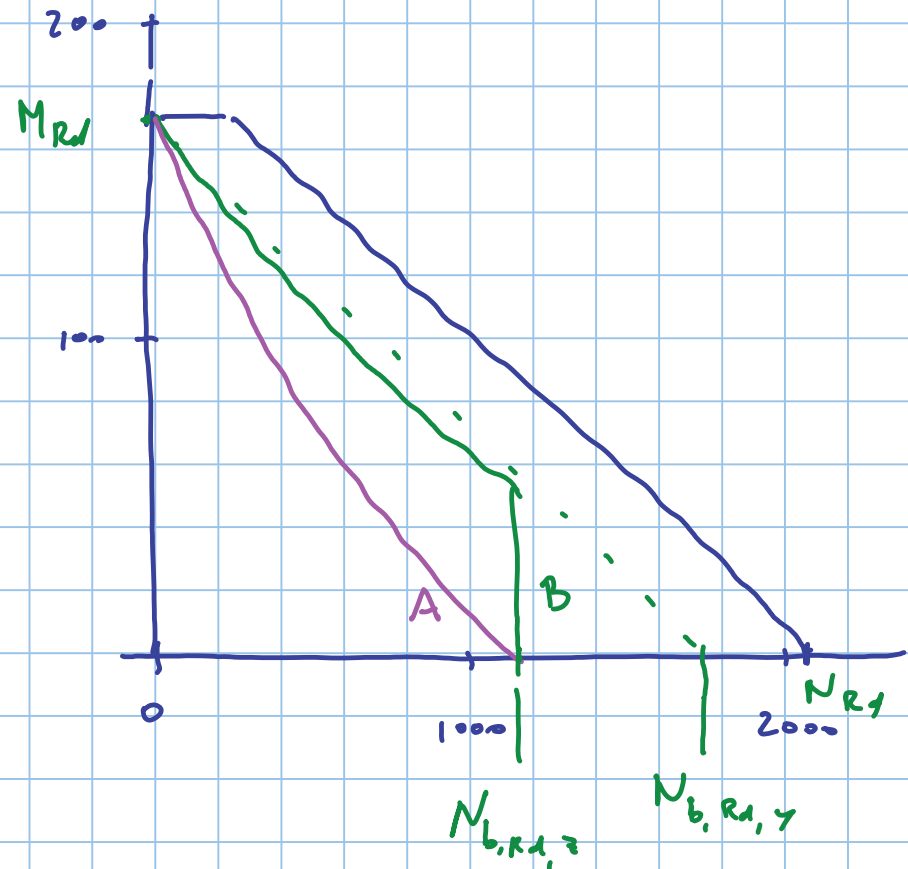
$$i_z = 50.7 \text{ mm}$$

$$N_{Rd} = 2045 \text{ kN}$$

$$N_{b,Rd,y} = 1759 \text{ kN}$$

$$N_{b,Rd,z} = 1186 \text{ kN}$$

$$M_{Rd} = 169.1 \text{ kNm}$$

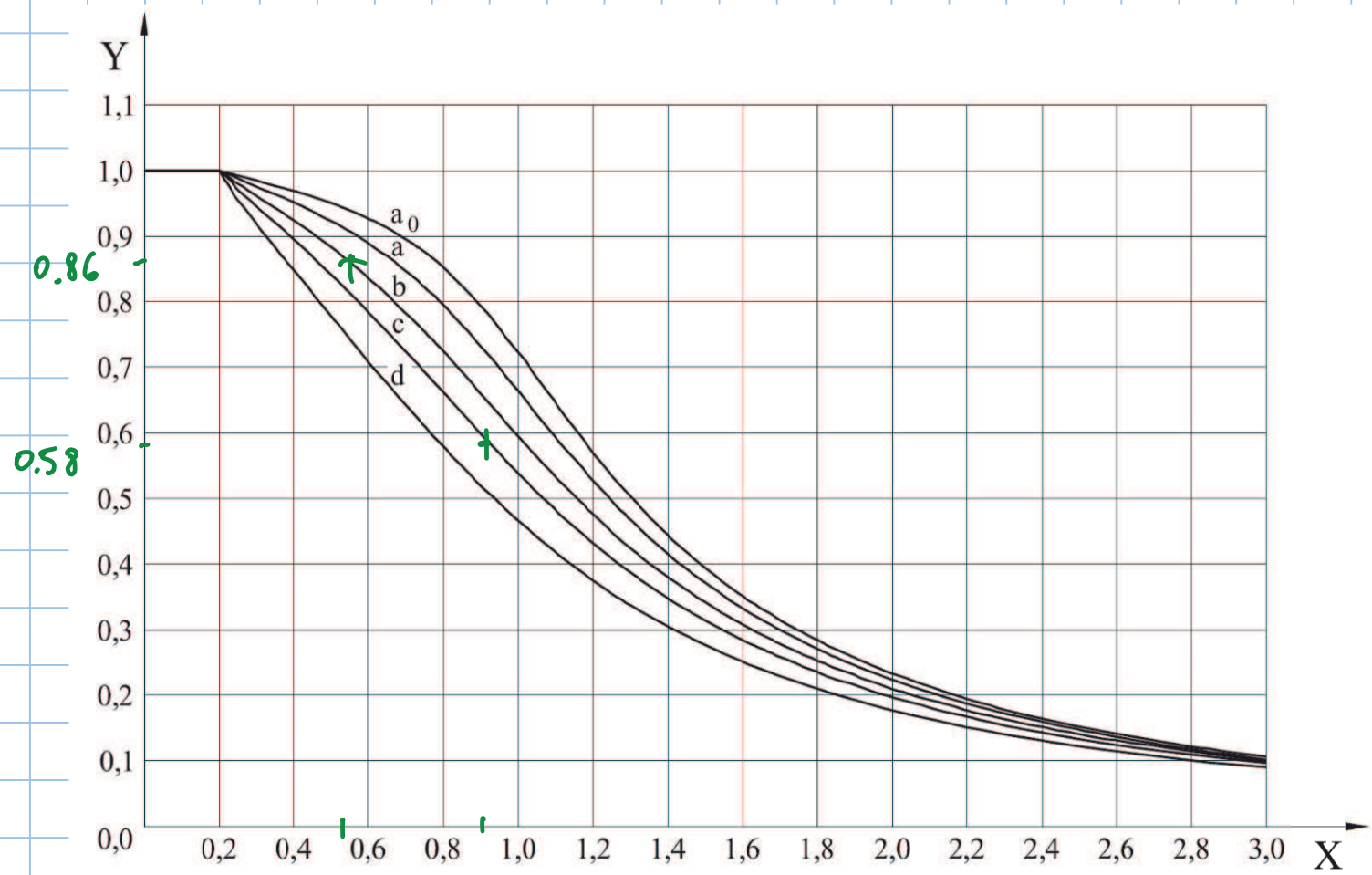


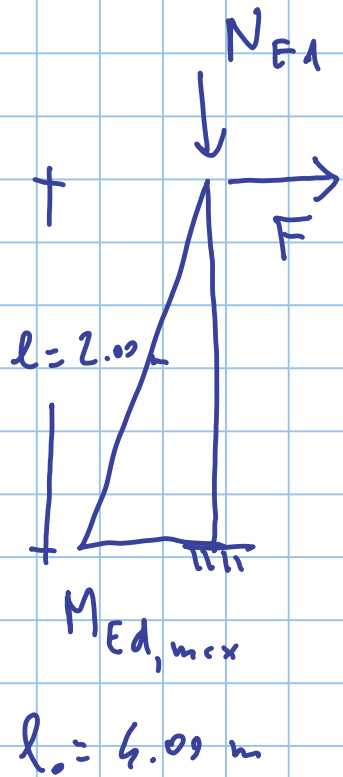
$$\lambda_y = 46.83$$

$$\lambda_z = 78.89$$

$$\bar{\lambda}_y = 0.540 \text{ curve b}$$

$$\bar{\lambda}_z = 0.909 \text{ curve c}$$





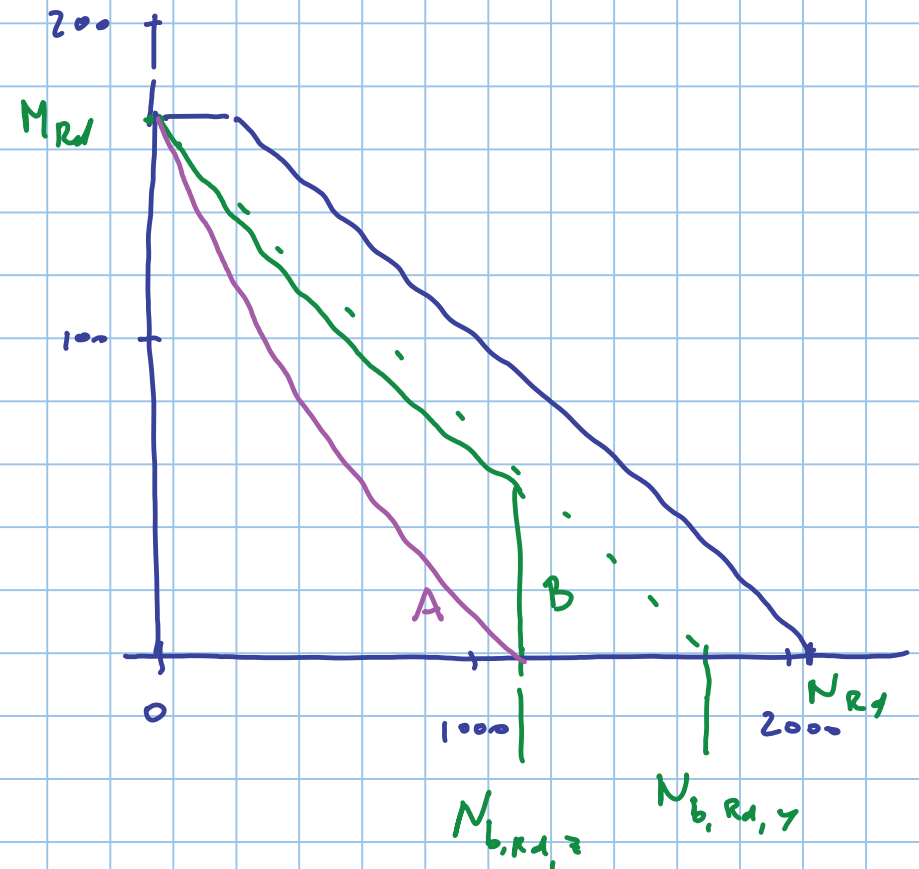
$$N_{Rd} = 2045 \text{ kN}$$

$$N_{b,Rd,y} = 1759 \text{ kN}$$

$$N_{b,Rd,z} = 1186 \text{ kN}$$

$$M_{Rd} = 169.1 \text{ kNm}$$

$$M_{eq,Ed} = 0.6 M_{Ed, max}$$



HE 200 B 5275

$$A = 78.1 \times 10^2 \text{ mm}^2$$

$$W_{y,pl} = 642.5 \times 10^3 \text{ mm}^3$$

$$i_y = 85.6 \text{ mm}$$

$$i_z = 50.7 \text{ mm}$$

$$\lambda_y = 46.83$$

$$\lambda_z = 78.89$$

$$\bar{\lambda}_y = 0.540 \text{ curve b}$$

$$\bar{\lambda}_z = 0.909 \text{ curve c}$$

metod. A :

$$\frac{N_{Ed}}{N_{b,Rd}} + \frac{0.6 M_{Ed,max}}{M_{Rd} \left(1 - \frac{N_{Ed}}{N_n}\right)} \leq 1$$

for $N=0$ $M_{Ed} \leq \frac{M_{Rd} \left(1 - \frac{N}{N_n}\right)}{0.6}$

metod. B :

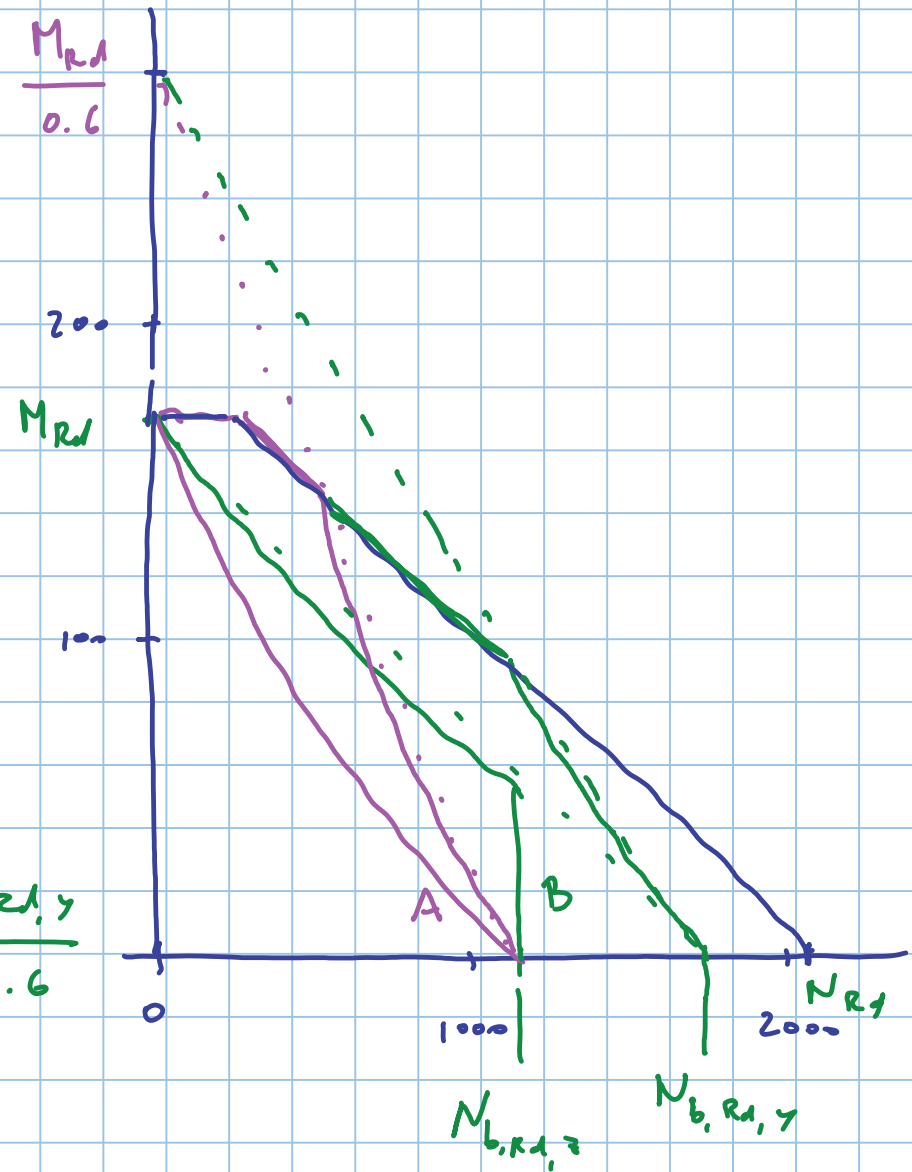
$$\frac{N_{Ed}}{N_{b,Rd,y}} + k_{yy} \frac{M_{Ed,max,y}}{M_{Rd,y}} \leq 1$$

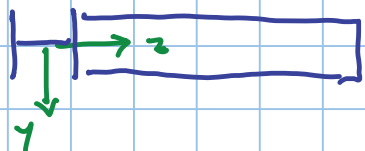
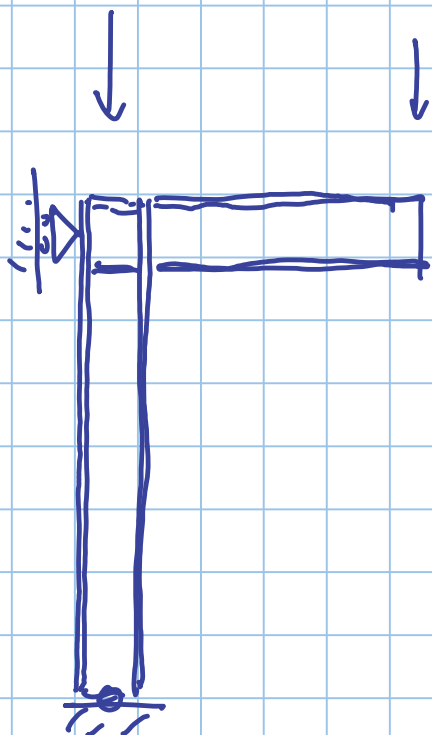
$$\frac{N_{Ed}}{N_{b,Rd,z}} \leq 1$$

for $N=0$ $k_{yy} = 0.6$

$$M_{Ed,max,y} \leq \frac{M_{Rd,y}}{0.6}$$

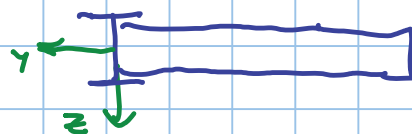
$$k_{yy} = 0.6 \left[1 + (\tilde{\lambda}_y - 0.2) \frac{N}{N_{b,Rd,y}} \right]$$





PIANTA

$$M_{Rd} = W_{y,pe} \frac{f_y}{\gamma_m}$$



la colonna

lavora male

$$M_{Rd} = W_{z,pl} \frac{f_y}{\gamma_m}$$