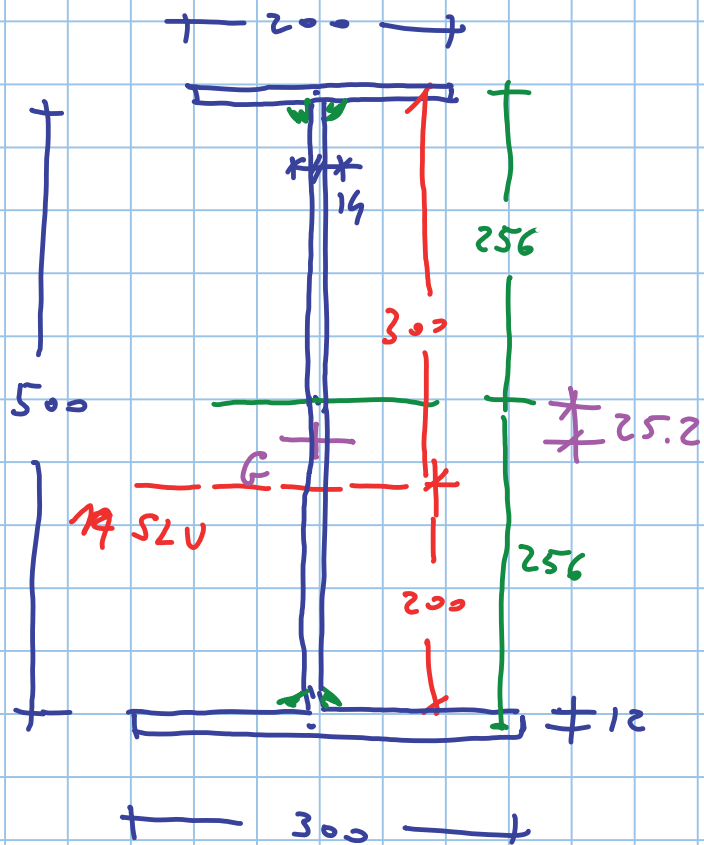


S 275

Titolo nota

20/11/2018



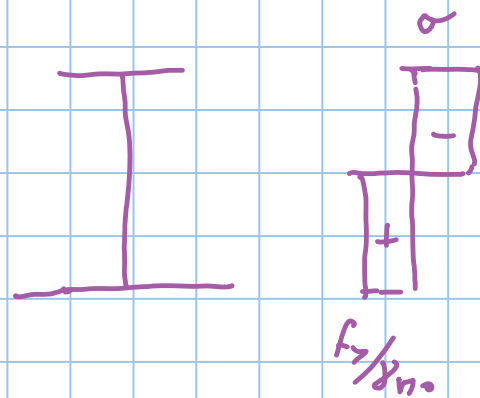
ala inferiore T_{ax}
no instab. local

$$A = 120 \times 10^3 \text{ mm}^2$$

$$S = 300 \times 12 \times 256 - 200 \times 12 \times 256 = 307200$$

$$d = \frac{307200}{12000} = 25.2 \text{ mm}$$

classe della sezione per $M > 0$



classe 1 + 2

ala superiore

$$c = 80 \text{ mm}$$

$$c/t = 6.67$$

classe 1

$$\text{anima } c = 472$$

$$c/t = 39.3$$

classe 1

ASPETTI PARTICOLARI

— Tensioni residue

non modificano il momento resistente

— fori

ass. ten.

$$N_{Rd,pl} = A \frac{f_y}{\gamma_m}$$

$$N_{Rd,n} = 0,9 A_{net} \frac{f_u}{\gamma_{M2}}$$

sezione forata.

↳ Ten. per sezioni soggette a M

ANALISI DEI CARICHI

carico su travi secondarie

		$g_x + q_x$	q_x	$g_d + q_d$	
descrizione	sviluppo				
solaio	2.40	2.40×5.88 14.11	2.40×2.00 4.80	2.40×8.28 19.87	
p.p. Trave	—	0.4	—	0.52	
TOTALE		14.51	4.80	20.39	kN/m

Carichi misti Tar

g_k q_k

g_d q_d

solcio

perman g_1 2.68 kN/m²

3.48 kN/m²

g_2 1.20 "

1.80 "

variab q 2.00 "

3.00 "

5.88 "

8.28 kN/m²

trave

g_k

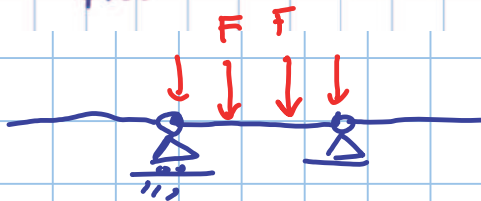
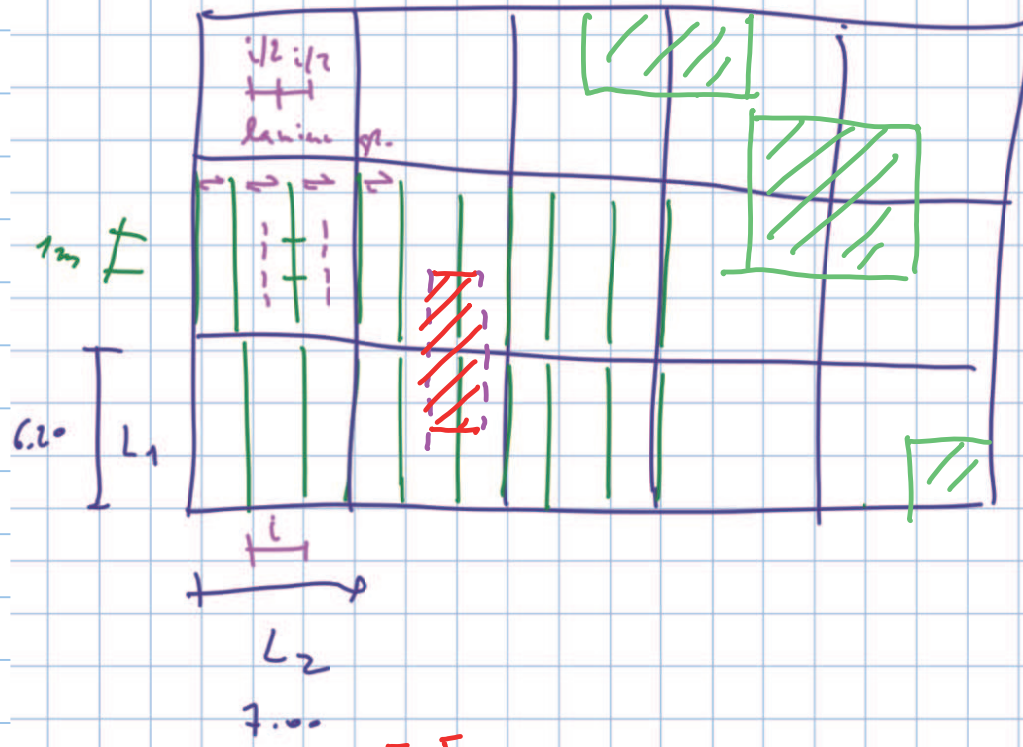
g_d

r.r. ?

0.4 kN/m

0.52 kN/m

$i = 2.40$ per simplicity



carichi sulla trave principale

(con 2 forze concentrate; ciascuna vale ... come segue)

valori di \pm

descrizione	sviluppo	$g_x + q_k$	$g_d + q_d$	
soffitto	$\underbrace{6.20 \times 2.45}_{14.88}$	$\underbrace{14.88 \times 5.88}_{87.49}$	$\underbrace{14.88 \times 8.28}_{123.21}$	
p.p. Trave secondaria	$\underbrace{6.20}_{2.48}$	$\underbrace{6.20 \times 0.4}_{2.48}$	$\underbrace{6.20 \times 0.52}_{3.22}$	kN

valori di carico distribuito

p.p. Trave principale	—	$\underbrace{0.6}_{0.78}$	$\underbrace{0.78}_{0.78}$	kN/m
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True principal

