

ANALISI DEI CARICHI

Copertura:

vetro	1,44m ² x 0,03m x 160 x 12 x 2500 daN/m ³	= 207360 daN
quadro	0,24m ² x 0,25m x 160 x 12 x 2200 daN/m ³	= 250272 daN
Ipe 600	122 daN/m x 6,5m x 41 x 12	= 380640 daN
carico da neve	120 daN/m ² x 4000m ²	= 480000 daN
		<hr/>
		13277,88 kN

Trave reticolare:

33,48m ² x 0,80m x 7860 daN/m ³	= 2105,22 kN
---	--------------

Trave a cassone:

sez 1 (13,07m ² x 38m) + sez 2 (9,62m ² x 52m) = 996,95m ³ x 2500 daN/m ³	= 23923,80 kN
--	---------------

Solaio in laterocemento

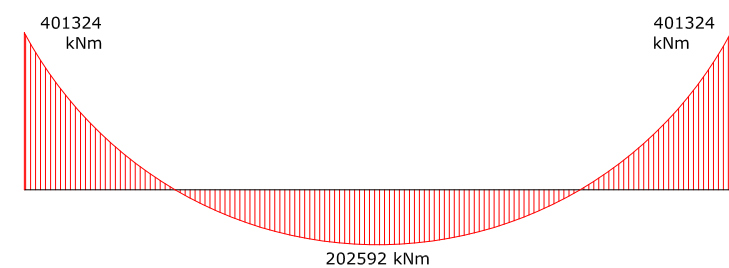
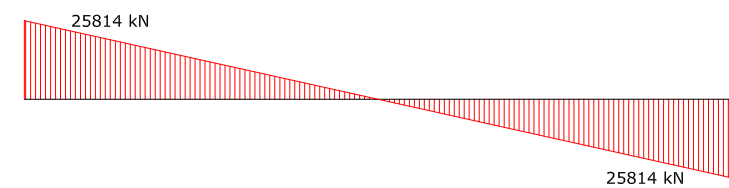
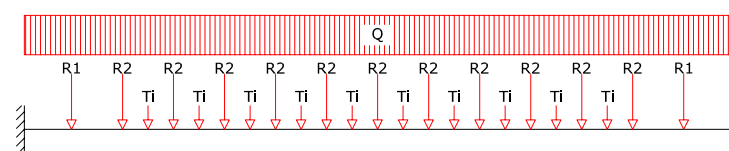
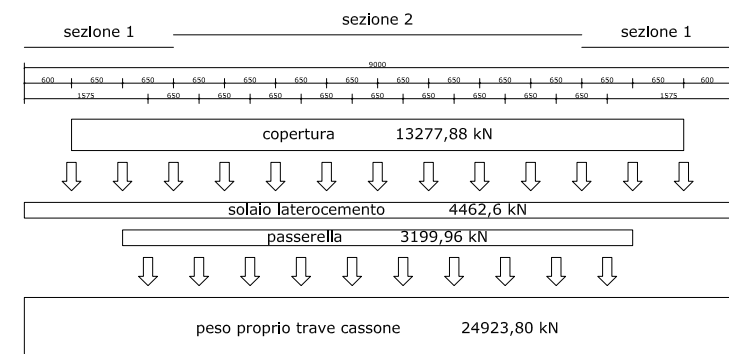
solaio 41+6	550daN/m ² x 666m ²	= 366300 daN
carico da neve	120 daN/m ² x 666m ²	= 79920 daN
		<hr/>
		= 4462,6 kN

Passerella pedonale:

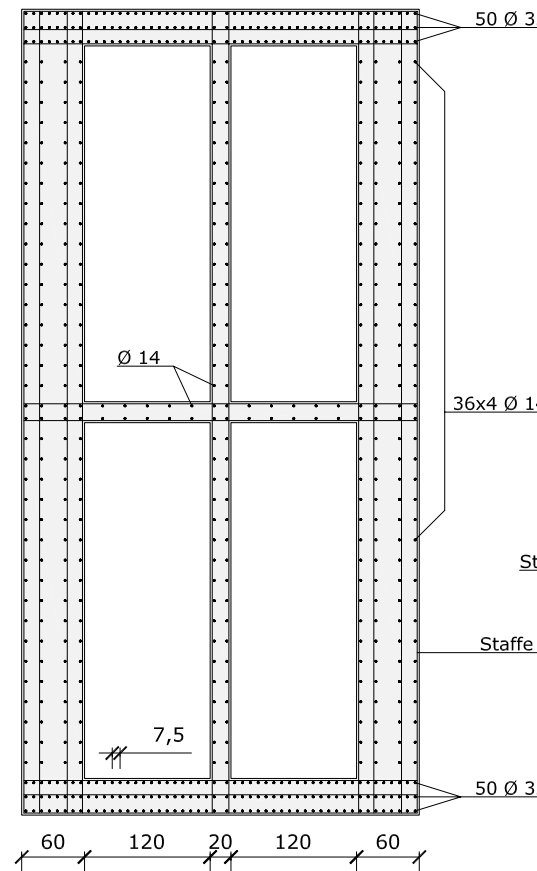
Ipe 270	36,1 daN/m x 9,2m x 18	= 5978,16 daN
Ipe 180	18,8 daN/m x 6,5m x 50	= 6110 daN
lamiera grecata	10,72 daN/m ² x 455m ²	= 4877,6 daN
getto in cls	60 daN/m ² x 455m ²	= 27300 daN
pavimentazione	20 daN/m ² x 455m ²	= 9100 daN
balastra	51,5m ² x 0,2m x 7860 daN/m ³	= 80958 daN
affollamento	400 daN/m ² x 455m ²	= 182000 daN
tiranti	102 daN x 36	= 3672 daN
		<hr/>
		3199,96 kN

FORZE AGENTI

R1:	2105,22 kN / 2 + (13277,88 kN / 78m x 3,25m) / 2	= 1329,23 kN
R2:	2105,22 kN / 2 + (13277,88 kN / 78m x 6,50m) / 2	= 1605,86 kN
Ti:	3199,96 kN / 20	= 160 kN
Q:	(23923,80 kN + 4462,6 kN) / 90	= 326,51 kN/m



SEZIONE 1
da 0 a 19m e da 71m a 90m



SEZIONE 2
da 19m a 71m

