Fondazioni 1

-COMUNE DI GENOVA-
RIPARTIZIONE EDILIZIA COMUNALE
SCUOLA MEDIA STATALE "G. PARINI"

TRAVI ROVESCE DI FONDAZIONE

2172/1 12.XI.959

2172 a Tav. 2

Tr.	Ln. m.	Le m.	Peso Proprio	Muratur. Perim.	Tramezzi	Solette	Scala o Poggioli	(p)	P
	1.75							32.000	56.000
	2.10							32.000	67.000
	2.40							32.000	77.000
	2.52							32.000	81.000
	2.45							32.000	78.000
	2.57							32.000	82.000
	2.67							32.000	85.000
	2.77							32.000	89.000
	3.00							32.000	96.000
	3.18							32.000	104.000
	3.10							32.000	99.000
	3.31							32.000	106.000
	3.34							32.000	107.000
	3.45							32.000	110.000
	3.75							32.000	120.000
	3.88							32.000	124.000
	4.00							32.000	128.000

- REAZIONI -

Coef. Nomen. Tratt.	Mf. Kg. cm.	b cm.	$\sqrt{\frac{M}{b}}$	H cm.	h cm.	$\sqrt{\frac{h}{\frac{M}{b}}}$	β	σ_c Kg/cm²	σ_f Kg/cm²	α cm.	$h-\frac{x}{3}$ cm.	$F_f=\beta b\sqrt{\frac{M}{b}}$ cm²	ARMATURA	T	b_o	$h-\frac{x}{3}$	$\frac{b_o}{h-\frac{x}{3}}$	τ	St.	Sfp	St - Sfp	Ω		Staffe	Passo
1/10	980.000	100	99	120	115	1.00	0.067	20	1600			0.067×99×100 = 6.65	2φ14+2φ16	23.000	50	104	5200	5.40	$\frac{0.5\times5.40\times35\times50}{1400}$ = 8.40	2φ16 = 4.02	5.32	(M) φ8-20	3	6φ8	
1/10	1.410.000	100	119	120	115	0.967	0.067	20	1600			0.067×100×119 = 8.00	4φ16	33.500	50	104	5200	6.45	$\frac{0.5\times6.45\times105\times50}{1400}$ = 12.10	2φ16 = 4.02	8.08	4br. φ8 = 2.01	4	8φ8	
1/12	1.520.000	100	124	120	115	0.930	0.070	20	1600			0.070×100×124 = 8.70	3φ16+2φ14	38.500	50	104	5200	7.40	$\frac{0.5\times7.40\times120\times50}{1400}$ = 15.90	2φ14+1φ16 = 5.09	10.81	4br. φ8 = 2.01	5.5	11φ8	
1/12	1.700.000	100	130	120	115	0.885	0.075	20	1600			0.075×100×130 = 9.80	5φ16	40.500	50	104	5200	7.80	$\frac{0.5\times7.80\times116\times50}{1400}$ = 17.60	2φ16 = 4.02	13.58	4br. φ8 = 2.01	7	14φ8	
1/10	1.910.000	100	138	120	115	0.830	0.080	21	1600			0.080×100×138 = 11.05	3φ16+2φ18	39.000	50	104	5200	7.50	$\frac{0.5\times7.50\times132\times50}{1400}$ = 16.60	2φ18 = 5.08	11.52	4br. φ8 = 2.01	6	12φ8	
1/12	1.760.000	100	133	120	115	0.865	0.078	24	1600			0.078×100×133 = 10.40	4φ16+1φ18	41.000	50	104	5200	7.90	$\frac{0.5\times7.90\times128\times50}{1400}$ = 18.10	2φ16 = 4.02	14.08	4br. φ8 = 2.01	7	14φ8	
1/10	2.270.000	100	151	120	115	0.763	0.086	26	1600			0.086×100×151 = 13.00	4φ18+2φ14	42.500	50	104	5200	8.20	$\frac{0.5\times8.20\times153\times50}{1400}$ = 19.60	2φ18 = 5.08	14.52	4br. φ8 = 2.01	7.5	15φ8	
1/12	2.060.000	100	144	120	115	0.800	0.083	25	1600			0.083×100×144 = 11.95	6φ16	44.500	50	104	5200	8.60	$\frac{0.5\times8.6\times138\times50}{1400}$ = 21.20	3φ16 = 6.03	15.17	4br. φ8 = 2.01	7.5	15φ8	
1/12	2.400.000	100	155	120	115	0.740	0.089	27	1600			0.089×100×155×13.80	5φ18+2φ14	48.000	50	104	5200	9.30	$\frac{0.5\times9.3\times150\times50}{1400}$ = 28.00	2φ18 = 5.08	19.92	4br. φ8 = 2.01	10	20φ8	
1/12	2.760.000	100	166	120	115	0.694	0.098	30	1600			0.098×100×166 = 16.30	5φ18+2φ16	52.000	50	104	5200	10.30	$\frac{0.5\times10.00\times159\times50}{1400}$ = 28.40	3φ18 = 7.62	20.78	4br. φ8 = 2.01	10.5	21φ8	
1/10	3.050.000	100	175	120	115	0.656	0.100	30.5	1600			0.100×100×175 = 17.50	4φ20+2φ18	49.500	50	104	5200	9.50	$\frac{0.5\times9.50\times159\times50}{1400}$ = 26.30	2φ18+1φ20 = 8.22	18.08	4br. φ8 = 2.01	9	18φ8	
1/10	3.500.000	100	187	120	115	0.615	0.108	33	1600			0.108×100×187 = 20.20	8φ18	53.000	50	104	5200	10.20	$\frac{0.5\times10.2\times165\times50}{1400}$ = 30.10	4φ18 = 10.16	19.94	4br. φ8 = 2.01	10	20φ8	
1/12	3.000.000	100	173	120	115	0.665	0.099	30	1600			0.099×100×173 = 17.15	6φ18+1φ16	53.500	50	104	5200	10.50	$\frac{0.5\times10.5\times183\times50}{1400}$ = 31.00	3φ18 = 7.62	23.38	4br. φ8 = 2.01	12	24φ8	
1/10	3.800.000	100	195	120	115	0.590	0.112	34.5	1600			0.112×100×195 = 21.80	7φ20	55.000	50	104	5200	10.60	$\frac{0.5\times10.6\times172\times50}{1400}$ = 32.60	3φ20 = 9.42	23.18	4br. φ8 = 2.01	11.5	23φ8	
1/10	4.500.000	100	212	120	115	0.542	0.123	38	1600			0.123×100×212 = 26.10	6φ20+3φ18	60.000	50	104	5200	11.60	$\frac{0.5\times11.60\times184\times50}{1400}$ = 38.80	3φ18+2φ20 = 13.90	24.90	4br. φ8 = 2.01	12.5	25φ8	
1/10	4.800.000	100	220	120	115	0.523	0.128	39.5	1600			0.128×100×220 = 28.20	9φ20	62.000	50	104	5200	11.90	$\frac{0.5\times11.90\times194\times50}{1400}$ = 41.60	4φ20 = 12.58	28.84	4br. φ10 = 3.14	9.5	10φ10	
1/10	5.100.000	120	206	120	115	0.557	0.120	37	1600			0.120×120×206 = 29.70	8φ20+2φ18	68.000	50	104	5200	12.30	$\frac{0.5\times12.30\times200\times50}{1400}$ = 44.00	3φ20+2φ18 = 14.58	29.58	4br. φ10 = 3.14	9.5	10φ10	

Pilastri

- Reazioni Travi -