

Data lavoro : 080690

Nome commessa : RIPEM

Localita' : Cant. MILANO SO.GE.MI. 1° SOLAIO FLORICOLA

Titolo calcolo : LASTRE H 5+35+5

TAV. 5

Cod.prepar.dat: VIT

N. travata : 1 N. campate (sbalzi compresi) : 3
N. vincoli : 3 N. sezioni calcolo : 21
Sbalzo iniziale : 0 (1=SI 0=NO) Sbalzo finale : 1
Incastro iniziale : 0 (1=SI 0=NO) Incastro finale : 0
% riduzione momento per incastro : 0 0
% riduzione momenti negativi appoggi : 15
limiti prima e ultima campata : 14
limiti campate centrali : 16
limiti appoggi : 30
modulo elastico (kg/cmq) : 300000
Sigma calcestruzzo : 300.00
Sigma acciaio : 2500.00
Copriferro super. (cm) : 2.50
Copriferro infer. (cm) : 2.00
Rapporto armature : 0.00
Bordo iniziale trave : 57.50
Bordo finale trave : 25.00
Tau ammissibile : 6.00

C A M P A T A n. : 1

Luce (cm) : 842.50
Sporto sin. (bt/2) : 37.50
Sporto des. (bt/2) : 40.00

| DESCRIZ. SEZIONE | cm: | B1 | H1 | B2 | H2 | B3 | H3 |
|------------------|-----|--------|------|-------|-------|--------|------|
| (dal basso) | | 120.00 | 5.00 | 40.00 | 35.00 | 120.00 | 5.00 |

| CARICHI DISTR. | kg/m: | peso proprio | permanenti | accidentali |
|----------------|-------|--------------|------------|-------------|
| | | 650.00 | 240.00 | 600.00 |

| CARICHI SPEC. DISTR.: | X | iniz | X fin | Perm | iniz | Perm | fin | Accid | iniz | Accid | fin |
|-----------------------|---|------|-------|------|------|------|------|-------|------|-------|------|
| carico 1 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| carico 2 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| CARICHI SPEC. CONC. : | ascissa | Carico perm | Carico accid |
|-----------------------|---------|-------------|--------------|
| carico 1 | 0.00 | 0.00 | 0.00 |
| carico 2 | 0.00 | 0.00 | 0.00 |
| carico 3 | 0.00 | 0.00 | 0.00 |

IN CARICHI SPEC. DEL SOLAIO
Cant. Ing.
P. L. LOCATELLI
1972

C A M P A T A n. : 2

Luce (cm) : 485.00
Sporto sin. (bt/2) : 60.00
Sporto des. (bt/2) : 25.00

| DESCRIZ. SEZIONE cm: | B1 | H1 | B2 | H2 | B3 | H3 |
|----------------------|--------|------|-------|-------|--------|------|
| (dal basso) | 120.00 | 5.00 | 40.00 | 35.00 | 120.00 | 5.00 |

| CARICHI DISTR. kg/m: | peso proprio | permanenti | accidentali |
|----------------------|--------------|------------|-------------|
| | 650.00 | 240.00 | 600.00 |

| CARICHI SPEC. DISTR.: X | iniz | X fin | Perm iniz | Perm fin | Accid iniz | Accid fin |
|-------------------------|------|-------|-----------|----------|------------|-----------|
| carico 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| carico 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| CARICHI SPEC. CONC. : | ascissa | Carico perm | Carico accid |
|-----------------------|---------|-------------|--------------|
| carico 1 | 0.00 | 0.00 | 0.00 |
| carico 2 | 0.00 | 0.00 | 0.00 |
| carico 3 | 0.00 | 0.00 | 0.00 |

C A M P A T A n. : 3

Luce (cm) : 95.00
Sporto sin. (bt/2) : 25.00
Sporto des. (bt/2) : 10.00

| DESCRIZ. SEZIONE cm: | B1 | H1 | B2 | H2 | B3 | H3 |
|----------------------|--------|------|-------|-------|--------|------|
| (dal basso) | 120.00 | 5.00 | 40.00 | 35.00 | 120.00 | 5.00 |

| CARICHI DISTR. kg/m: | peso proprio | permanenti | accidentali |
|----------------------|--------------|------------|-------------|
| | 650.00 | 240.00 | 600.00 |

| CARICHI SPEC. DISTR.: X | iniz | X fin | Perm iniz | Perm fin | Accid iniz | Accid fin |
|-------------------------|------|-------|-----------|----------|------------|-----------|
| carico 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| carico 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| CARICHI SPEC. CONC. : | ascissa | Carico perm | Carico accid |
|-----------------------|---------|-------------|--------------|
| carico 1 | 85.00 | 720.00 | 0.00 |
| carico 2 | 0.00 | 0.00 | 0.00 |
| carico 3 | 0.00 | 0.00 | 0.00 |

CAMP. N. 1 (A1= 5.0 A2= 35.0 A3= 5.0 B1= 120.0 B2= 40.0 B3= 120.0 CFS= 2.50 CFI= 2.00)

| SEZ | ASC.A | MMAX | X | SC | SF | AF | AFC | MMIN | X | SC | SF | AF | AFC | TAGLIO | TAU | SCOR | AST |
|-----|-------|-------|------|-------|-------|------|-----|---------|------|------|-------|------|-----|--------|------|-------|------|
| 1 | .000 | 0.* | .0 | .00 | 0. | .00 | .00 | -3525.* | -5.7 | 25.7 | 2500. | 3.47 | .00 | 5357. | 3.50 | 0. | .00 |
| 2 | .380 | 1935. | -4.2 | 18.26 | 2500. | 1.86 | .00 | -1935.* | -4.2 | 18.5 | 2500. | 1.88 | .00 | 4791. | 3.13 | 5041. | 2.02 |
| 3 | .800 | 3816. | -5.9 | 26.59 | 2500. | 3.71 | .00 | -178.* | -1.3 | 5.3 | 2500. | .17 | .00 | 4165. | 2.72 | 4917. | 1.97 |
| 4 | 1.230 | 5468. | -7.1 | 33.21 | 2500. | 5.35 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 3525. | 2.28 | 4272. | 1.71 |
| 5 | 1.650 | 6817. | -8.0 | 38.38 | 2500. | 6.70 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 2899. | 1.87 | 3486. | 1.39 |
| 6 | 2.080 | 7924. | -8.7 | 42.46 | 2500. | 7.81 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 2258. | 1.46 | 2885. | 1.15 |
| 7 | 2.500 | 8742. | -9.2 | 45.41 | 2500. | 8.64 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 1632. | 1.05 | 2111. | .84 |
| 8 | 2.930 | 9304. | -9.5 | 47.40 | 2500. | 9.20 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 982. | .64 | 1458. | .58 |
| 9 | 3.350 | 9590. | -9.7 | 48.41 | 2500. | 9.49 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 366. | .24 | 737. | .29 |
| 10 | 3.780 | 9608. | -9.7 | 48.48 | 2500. | 9.51 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 345. | .22 | 395. | .16 |
| 11 | 4.200 | 9361. | -9.6 | 47.60 | 2500. | 9.26 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 971. | .63 | 714. | .29 |
| 12 | 4.630 | 8835. | -9.3 | 45.74 | 2500. | 8.73 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 1611. | 1.04 | 1434. | .57 |
| 13 | 5.050 | 8056. | -8.8 | 42.93 | 2500. | 7.94 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 2237. | 1.45 | 2068. | .84 |
| 14 | 5.480 | 6985. | -8.2 | 38.99 | 2500. | 6.87 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 2878. | 1.86 | 2842. | 1.14 |
| 15 | 5.900 | 5675. | -7.3 | 34.02 | 2500. | 5.56 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 3504. | 2.26 | 3463. | 1.39 |
| 16 | 6.330 | 4059. | -6.1 | 27.58 | 2500. | 3.95 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 4144. | 2.68 | 4249. | 1.70 |
| 17 | 6.750 | 2216. | -4.5 | 19.64 | 2500. | 2.14 | .00 | 0.* | .0 | .0 | 0. | .00 | .00 | 4770. | 3.08 | 4837. | 1.93 |
| 18 | 7.180 | 56. | -7 | 2.94 | 2500. | .05 | .00 | -680. | -2.6 | 10.7 | 2500. | .65 | .00 | 5411. | 3.54 | 5723. | 2.29 |
| 19 | 7.600 | 0.* | .0 | .00 | 0. | .00 | .00 | -2851. | -5.1 | 22.8 | 2500. | 2.79 | .00 | 6037. | 3.95 | 6295. | 2.51 |
| 20 | 8.020 | 0.* | .0 | .00 | 0. | .00 | .00 | -5517. | -7.2 | 33.8 | 2500. | 5.47 | .00 | 6662. | 4.35 | 6972. | 2.79 |
| 21 | 8.425 | 0.* | .0 | .00 | 0. | .00 | .00 | -8935. | -9.0 | 44.5 | 2500. | 8.33 | .00 | 7266. | 4.75 | 7374. | 2.95 |

CAMP. N. 2 (A1= 5.0 A2= 35.0 A3= 5.0 B1= 120.0 B2= 40.0 B3= 120.0 CFS= 2.50 CFI= 2.00)

| SEZ | ASC.A | MMAX | X | SC | SF | AF | AFC | MMIN | X | SC | SF | AF | AFC | TAGLIO | TAU | SCOR | AST |
|-----|-------|--------|------|-------|-------|------|-----|--------|------|------|-------|------|-----|--------|------|-------|------|
| 1 | .000 | 0.* | .0 | .00 | 0. | .00 | .00 | -8335. | -9.0 | 44.5 | 2500. | 8.33 | .00 | 5123. | 3.35 | 0. | .00 |
| 2 | .600 | 0.* | .0 | .00 | 0. | .00 | .00 | -5713. | -7.3 | 34.6 | 2500. | 5.67 | .00 | 4229. | 2.76 | 7335. | 2.99 |
| 3 | .820 | 271.* | -1.6 | 6.55 | 2500. | .26 | .00 | -5068. | -6.9 | 32.1 | 2500. | 5.03 | .00 | 3901. | 2.55 | 2338. | .94 |
| 4 | 1.040 | 761.* | -2.7 | 11.17 | 2500. | .72 | .00 | -4508. | -6.4 | 29.8 | 2500. | 4.45 | .00 | 3573. | 2.34 | 2149. | .85 |
| 5 | 1.270 | 1197.* | -3.4 | 14.15 | 2500. | 1.14 | .00 | -3945. | -6.0 | 27.5 | 2500. | 3.89 | .00 | 3230. | 2.11 | 2046. | .82 |
| 6 | 1.490 | 1539.* | -3.8 | 16.17 | 2500. | 1.48 | .00 | -3454. | -5.6 | 25.4 | 2500. | 3.40 | .00 | 2903. | 1.90 | 1764. | .71 |
| 7 | 1.710 | 1810.* | -4.1 | 17.62 | 2500. | 1.74 | .00 | -3006. | -5.2 | 23.5 | 2500. | 2.95 | .00 | 2575. | 1.68 | 1575. | .63 |
| 8 | 1.930 | 2008.* | -4.3 | 18.63 | 2500. | 1.93 | .00 | -2601. | -4.9 | 21.7 | 2500. | 2.54 | .00 | 2247. | 1.47 | 1387. | .55 |
| 9 | 2.160 | 2138.* | -4.5 | 19.27 | 2500. | 2.06 | .00 | -2220. | -4.5 | 19.9 | 2500. | 2.17 | .00 | 1904. | 1.24 | 1248. | .50 |
| 10 | 2.380 | 2189.* | -4.5 | 19.51 | 2500. | 2.11 | .00 | -1903. | -4.2 | 18.3 | 2500. | 1.85 | .00 | 1577. | 1.03 | 1001. | .40 |
| 11 | 2.600 | 2168.* | -4.5 | 19.41 | 2500. | 2.09 | .00 | -1629. | -3.9 | 16.9 | 2500. | 1.58 | .00 | 1249. | .82 | 813. | .33 |
| 12 | 2.820 | 2074.* | -4.4 | 18.95 | 2500. | 2.00 | .00 | -1398. | -3.6 | 15.6 | 2500. | 1.35 | .00 | 1045. | .68 | 660. | .26 |
| 13 | 3.040 | 1909.* | -4.2 | 18.13 | 2500. | 1.84 | .00 | -1210. | -3.4 | 14.4 | 2500. | 1.17 | .00 | 849. | .56 | 545. | .22 |
| 14 | 3.270 | 1659.* | -3.9 | 16.82 | 2500. | 1.59 | .00 | -1057. | -3.2 | 13.4 | 2500. | 1.02 | .00 | 645. | .42 | 449. | .18 |
| 15 | 3.490 | 1346.* | -3.6 | 15.06 | 2500. | 1.29 | .00 | -957. | -3.0 | 12.7 | 2500. | .92 | .00 | 734. | .48 | 396. | .16 |
| 16 | 3.710 | 1106. | -3.2 | 13.57 | 2500. | 1.05 | .00 | -900. | -2.9 | 12.3 | 2500. | .87 | .00 | 1062. | .69 | 516. | .21 |
| 17 | 3.930 | 846. | -2.8 | 11.80 | 2500. | .80 | .00 | -887. | -2.9 | 12.2 | 2500. | .85 | .00 | 1390. | .91 | 705. | .28 |
| 18 | 4.160 | 499. | -2.2 | 8.97 | 2500. | .47 | .00 | -916. | -3.0 | 12.4 | 2500. | .88 | .00 | 1732. | 1.13 | 939. | .38 |
| 19 | 4.380 | 92. | -1.0 | 3.77 | 2500. | .09 | .00 | -990. | -3.1 | 13.0 | 2500. | .95 | .00 | 2060. | 1.35 | 1091. | .44 |
| 20 | 4.600 | 0.* | .0 | .00 | 0. | .00 | .00 | -1108. | -3.2 | 13.8 | 2500. | 1.07 | .00 | 2388. | 1.56 | 1279. | .51 |
| 21 | 4.850 | 0.* | .0 | .00 | 0. | .00 | .00 | -1284. | -3.5 | 14.9 | 2500. | 1.24 | .00 | 2760. | 1.80 | 1682. | .67 |

.96
 .92
 .71
 .63
 .55
 .50
 .40