



REGIONE BASILICATA



PROVINCIA DI MATERA



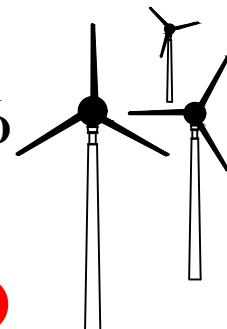
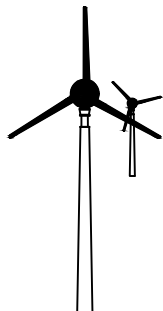
COMUNE DI SALANDRA



COMUNE DI FERRANDINA

# PROGETTO PER LA COSTRUZIONE E L'ESERCIZIO DI UN IMPIANTO EOLICO PER LA PRODUZIONE DI ENERGIA ELETTRICA, DELLE OPERE E DELLE INFRASTRUTTURE CONNESSE, DENOMINATO "TORRICELLI"

## DA REALIZZARSI NEI COMUNI DI SALANDRA (MT) E FERRANDINA (MT), DI POTENZA PARI A 31 MW ACCOPPIATO AD UN SISTEMA DI ACCUMULO PARI A 8 MW



# PROGETTO DEFINITIVO

PROPONENTE:



EDPR BASILICATA S.R.L.

SVILUPPO:



enerplus s.r.l.  
Via Orefici, 18  
85055 Picerno (PZ)

tel. 0971 991428  
enerplus@tiscali.it  
P.lva 01679060762

PROGETTISTI:



# PD

PROGETTO DEFINITIVO

ELABORATO:

CALCOLO VOLUMI STERRO E RIPORTO TRACCIATO 6

Tavola:

SAL-PDEF-TAV-007d

Filename:

Data 1° emissione:

Redatto:

Verificato:

Approvato:

Scala:

Protocollo:

n° revisione

1  
2  
3  
4

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                     |      | CALCOLO DELLE AREE  | Foglio n. 1  |                      |      |
|---------------------|------|---|--|----------------------|------|
| Sterro              |      |   |  |                      |      |
| N. SEZIONE<br>PROG. | FIG. | ELEMENTI DI CALCOLO   | AREA<br>ELEMENTARE<br>mq   | AREA<br>FIGURA<br>mq | NOTE |
| Sez1<br>0.00        | A1   | (-1.16--3.34)x(374.93+374.84)/2<br>(0.89--1.16)x(374.88+374.93)/2<br>(1.39-0.89)x(374.86+374.88)/2<br>(2.04-1.39)x(375.14+374.86)/2<br>(5.51-2.04)x(376.28+375.14)/2<br>(3.25-5.51)x(374.78+376.28)/2<br>(0.00-3.25)x(374.81+374.78)/2<br>(-3.25-0.00)x(374.78+374.81)/2<br>(-3.34--3.25)x(374.84+374.78)/2   | 817.25<br>768.56<br>187.43<br>243.75<br>1303.71<br>-848.70<br>-1218.08<br>-1218.08<br>-33.73   | 2.11                 |      |
| Sez2<br>20.00       | A1   | (-0.58--3.62)x(372.31+371.69)/2<br>(2.03--0.58)x(372.80+372.31)/2<br>(3.88-2.03)x(373.13+372.80)/2<br>(4.76-3.88)x(373.33+373.13)/2<br>(6.80-4.76)x(373.80+373.33)/2<br>(3.25-6.80)x(371.45+373.80)/2<br>(0.00-3.25)x(371.48+371.45)/2<br>(-3.25-0.00)x(371.45+371.48)/2<br>(-3.62--3.25)x(371.69+371.45)/2   | 1130.88<br>972.37<br>689.99<br>328.44<br>762.07<br>-1322.82<br>-1207.26<br>-1207.26<br>-137.48   | 8.93                 |      |
| Sez3<br>38.04       | A1   | (-5.60--7.15)x(371.20+371.02)/2<br>(0.53--5.60)x(371.80+371.20)/2<br>(1.90-0.53)x(371.50+371.80)/2<br>(4.75-1.90)x(372.18+371.50)/2<br>(6.26-4.75)x(372.31+372.18)/2<br>(9.94-6.26)x(372.86+372.31)/2<br>(3.25-9.94)x(368.45+372.86)/2<br>(0.00-3.25)x(368.47+368.45)/2<br>(-3.25-0.00)x(368.45+368.47)/2<br>(-7.15--3.25)x(371.02+368.45)/2  | 575.22<br>2277.30<br>509.16<br>1059.74<br>562.09<br>1371.11<br>-2479.68<br>-1197.50<br>-1197.50<br>-1441.97  | 37.97                |      |
| Sez4<br>56.00       | A1   | (2.74-2.08)x(365.89+365.77)/2<br>(3.66-2.74)x(366.04+365.89)/2<br>(3.25-3.66)x(365.76+366.04)/2<br>(2.08-3.25)x(365.77+365.76)/2  | 241.45<br>336.69<br>-150.02<br>-427.95   | 0.17                 |      |
| Sez7<br>120.00      | A1   | (2.24-0.94)x(364.01+362.63)/2<br>(3.67-2.24)x(366.02+364.01)/2<br>(6.29-3.67)x(368.72+366.02)/2<br>(8.47-6.29)x(371.06+368.72)/2<br>(12.01-8.47)x(373.01+371.06)/2<br>(17.26-12.01)x(375.92+373.01)/2<br>(19.37-17.26)x(376.46+375.92)/2<br>(21.97-19.37)x(377.55+376.46)/2<br>(26.05-21.97)x(378.85+377.55)/2<br>(26.67-26.05)x(379.24+378.85)/2<br>(27.91-26.67)x(379.20+379.24)/2<br>(28.73-27.91)x(379.38+379.20)/2<br>(33.54-28.73)x(381.02+379.38)/2<br>(34.44-33.54)x(381.22+381.02)/2<br>(33.52-34.44)x(380.61+381.22)/2<br>(24.43-33.52)x(374.61+380.61)/2<br>(22.93-24.43)x(374.61+374.61)/2<br>(13.84-22.93)x(368.61+374.61)/2<br>(12.34-13.84)x(368.61+368.61)/2<br>(3.25-12.34)x(362.61+368.61)/2<br>(0.94-3.25)x(362.63+362.61)/2 | 472.32<br>521.97<br>962.51<br>806.36<br>1317.00<br>1965.94<br>793.76<br>980.21<br>1543.06<br>235.01<br>470.23<br>311.02<br>1828.76<br>343.01<br>-350.44<br>-3432.47<br>-561.91<br>-3377.93<br>-552.91<br>-3323.39<br>-837.65 | 114.46               |      |
| Sez8<br>140.00      | A1   | (2.91-1.32)x(364.39+363.50)/2<br>(4.14-2.91)x(365.39+364.39)/2<br>(9.42-4.14)x(370.92+365.39)/2<br>(10.27-9.42)x(371.36+370.92)/2<br>(15.45-10.27)x(372.68+371.36)/2<br>(16.41-15.45)x(372.94+372.68)/2<br>(17.41-16.41)x(373.22+372.94)/2<br>(18.14-17.41)x(373.38+373.22)/2<br>(18.46-18.14)x(373.44+373.38)/2<br>(18.87-18.46)x(373.47+373.44)/2<br>(20.32-18.87)x(373.76+373.47)/2<br>(13.84-20.32)x(369.49+373.76)/2<br>(12.34-13.84)x(369.49+369.49)/2<br>(3.25-12.34)x(363.49+369.49)/2<br>(1.32-3.25)x(363.50+363.49)/2   | 578.67<br>448.81<br>1943.86<br>315.47<br>1927.06<br>357.90<br>373.08<br>272.51<br>119.49<br>153.12<br>541.74<br>-2408.13<br>-554.24<br>-3331.39<br>-701.55   | 36.40                |      |
| Sez10<br>171.00     | A1   | (1.60-0.98)x(366.80+366.73)/2<br>(1.63-1.60)x(366.77+366.80)/2<br>(2.74-1.63)x(366.72+366.77)/2<br>(0.98-2.74)x(366.73+366.72)/2  | 227.39<br>11.00<br>407.09<br>-645.44   | 0.04                 |      |
| Sez11<br>182.77     | A1   | (-2.98--3.89)x(369.11+369.08)/2<br>(-0.46--2.98)x(369.19+369.11)/2<br>(-0.15--0.46)x(369.18+369.19)/2<br>(2.57--0.15)x(369.08+369.18)/2<br>(2.59-2.57)x(369.10+369.08)/2<br>(2.69-2.59)x(369.11+369.10)/2<br>(4.74-2.69)x(369.64+369.11)/2<br>(3.25-4.74)x(368.66+369.64)/2<br>(0.00-3.25)x(368.68+368.66)/2<br>(-3.25-0.00)x(368.66+368.68)/2<br>(-3.89--3.25)x(369.08+368.66)/2   | 335.88<br>930.26<br>114.45<br>1004.03<br>7.38<br>36.91<br>757.22<br>-550.03<br>-1198.18<br>-1198.18<br>-236.08   | 3.66                 |      |
| Sez12<br>194.00     | A1   | (-1.60--4.00)x(371.50+371.06)/2<br>(-1.25--1.60)x(371.50+371.50)/2<br>(1.80--1.25)x(371.57+371.50)/2<br>(1.84-1.80)x(371.57+371.57)/2<br>(2.15-1.84)x(371.67+371.57)/2<br>(6.38-2.15)x(372.91+371.67)/2<br>(7.44-6.38)x(373.33+372.91)/2<br>(3.25-7.44)x(370.57+373.33)/2<br>(0.00-3.25)x(370.59+370.57)/2<br>(-3.25-0.00)x(370.57+370.59)/2<br>(-4.00--3.25)x(371.06+370.57)/2   | 891.07<br>130.03<br>1133.18<br>14.86<br>115.20<br>1574.79<br>395.51<br>-1558.47<br>-1204.38<br>-1204.38<br>-278.11   | 9.30                 |      |
| Sez13<br>205.58     | A1   | (-3.06--4.10)x(373.47+373.10)/2<br>(-1.02--3.06)x(373.51+373.47)/2<br>(1.30--1.02)x(373.63+373.51)/2<br>(2.00-1.30)x(373.65+373.63)/2   | 388.22<br>761.92<br>866.68<br>261.55   |                      |      |
| A RIPORTARE mq      |      |   | 2278.37  |                      |      |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                  |      | CALCOLO DELLE AREE   | Foglio n. 2   |                |      |
|------------------|------|--|---|----------------|------|
| Sterro           |      |  |   |                |      |
| N. SEZIONE PROG. | FIG. | ELEMENTI DI CALCOLO  | AREA ELEMENTARE mq  | AREA FIGURA mq | NOTE |
|                  |      | RIPORTO mq   | 2278.37   |                |      |
| Sez14<br>233.00  | A1   | $(4.39-2.00) \times (375.15+373.65) / 2$<br>$(9.32-4.39) \times (377.87+375.15) / 2$<br>$(10.85-9.32) \times (378.74+377.87) / 2$<br>$(12.89-10.85) \times (379.96+378.74) / 2$<br>$(16.00-12.89) \times (381.91+379.96) / 2$<br>$(16.97-16.00) \times (382.18+381.91) / 2$<br>$(18.60-16.97) \times (382.66+382.18) / 2$<br>$(12.89-18.60) \times (378.90+382.66) / 2$<br>$(12.34-12.89) \times (378.54+378.90) / 2$<br>$(3.25-12.34) \times (372.54+378.54) / 2$<br>$(0.00-3.25) \times (372.56+372.54) / 2$<br>$(-3.25-0.00) \times (372.54+372.56) / 2$<br>$(-4.10--3.25) \times (373.10+372.54) / 2$  | 894.82<br>1856.19<br>578.81<br>773.87<br>1184.71<br>370.58<br>623.34<br>-2174.25<br>-208.30<br>-3413.66<br>-1210.79<br>-1210.79<br>-316.90              | 26.00          |      |
| Sez15<br>262.54  | A1   | $(-1.68--3.23) \times (377.34+377.20) / 2$<br>$(1.14--1.68) \times (377.38+377.34) / 2$<br>$(1.24-1.14) \times (377.38+377.38) / 2$<br>$(1.25-1.24) \times (377.41+377.38) / 2$<br>$(1.27-1.25) \times (377.42+377.41) / 2$<br>$(4.06-1.27) \times (380.32+377.42) / 2$<br>$(5.46-4.06) \times (380.73+380.32) / 2$<br>$(8.98-5.46) \times (382.47+380.73) / 2$<br>$(11.42-8.98) \times (383.22+382.47) / 2$<br>$(13.22-11.42) \times (383.78+383.22) / 2$<br>$(12.56-13.22) \times (383.34+383.78) / 2$<br>$(12.34-12.56) \times (383.20+383.34) / 2$<br>$(3.25-12.34) \times (377.20+383.20) / 2$<br>$(0.00-3.25) \times (377.22+377.20) / 2$<br>$(-3.23-0.00) \times (377.20+377.22) / 2$ | 584.77<br>1064.16<br>37.74<br>3.77<br>7.55<br>1057.05<br>532.74<br>1343.23<br>934.14<br>690.30<br>-253.15<br>-84.32<br>-3456.02<br>-1225.93<br>-1218.39 | 17.64          |      |
| Sez16<br>271.72  | A1   | $(-3.72--4.54) \times (383.08+383.07) / 2$<br>$(-3.35--3.72) \times (383.03+383.08) / 2$<br>$(-1.79--3.35) \times (382.82+383.03) / 2$<br>$(-0.47--1.79) \times (382.77+382.82) / 2$<br>$(1.22--0.47) \times (382.72+382.77) / 2$<br>$(1.47-1.22) \times (383.13+382.72) / 2$<br>$(2.48-1.47) \times (383.33+383.13) / 2$<br>$(8.66-2.48) \times (385.88+383.33) / 2$<br>$(8.83-8.66) \times (385.90+385.88) / 2$<br>$(3.25-8.83) \times (382.22+385.90) / 2$<br>$(0.00-3.25) \times (382.24+382.22) / 2$<br>$(-3.25-0.00) \times (382.22+382.24) / 2$<br>$(-4.54--3.25) \times (383.07+382.22) / 2$   | 314.12<br>141.73<br>597.36<br>505.29<br>646.84<br>95.73<br>387.06<br>2376.86<br>65.60<br>-2143.05<br>-1242.25<br>-1242.25<br>-493.61                    | 9.43           |      |
| Sez17<br>280.90  | A1   | $(-1.07--4.91) \times (384.65+384.87) / 2$<br>$(0.88--1.07) \times (384.58+384.65) / 2$<br>$(1.60-0.88) \times (384.53+384.58) / 2$<br>$(6.38-1.60) \times (386.40+384.53) / 2$<br>$(7.92-6.38) \times (386.86+386.40) / 2$<br>$(3.25-7.92) \times (383.78+386.86) / 2$<br>$(0.00-3.25) \times (383.80+383.78) / 2$<br>$(-3.25-0.00) \times (383.78+383.80) / 2$<br>$(-4.91--3.25) \times (384.87+383.78) / 2$   | 1477.48<br>750.00<br>276.88<br>1842.52<br>595.41<br>-1799.44<br>-1247.32<br>-1247.32<br>-637.98   | 10.23          |      |
| Sez18<br>300.29  | A1   | $(-4.54--4.80) \times (386.36+386.37) / 2$<br>$(-1.57--4.54) \times (386.28+386.36) / 2$<br>$(-1.17--1.57) \times (386.27+386.28) / 2$<br>$(-0.52--1.17) \times (386.25+386.27) / 2$<br>$(1.39--0.52) \times (386.15+386.25) / 2$<br>$(4.53-1.39) \times (387.22+386.15) / 2$<br>$(4.66-4.53) \times (387.26+387.22) / 2$<br>$(4.76-4.66) \times (387.29+387.26) / 2$<br>$(5.42-4.76) \times (387.35+387.29) / 2$<br>$(6.47-5.42) \times (387.46+387.35) / 2$<br>$(3.25-6.47) \times (385.34+387.46) / 2$<br>$(0.00-3.25) \times (385.37+385.34) / 2$<br>$(-3.25-0.00) \times (385.34+385.37) / 2$<br>$(-4.80--3.25) \times (386.37+385.34) / 2$   | 100.45<br>1147.37<br>154.51<br>251.07<br>737.64<br>1214.19<br>50.34<br>38.73<br>255.63<br>406.78<br>-1244.21<br>-1252.40<br>-1252.40<br>-598.08         | 9.62           |      |
| Sez19<br>310.47  | A1   | $(-3.02--3.85) \times (389.09+389.03) / 2$<br>$(-1.51--3.02) \times (389.02+389.09) / 2$<br>$(0.08--1.51) \times (389.01+389.02) / 2$<br>$(1.44-0.08) \times (389.02+389.01) / 2$<br>$(4.75-1.44) \times (389.63+389.02) / 2$<br>$(3.25-4.75) \times (388.64+389.63) / 2$<br>$(0.00-3.25) \times (388.66+388.64) / 2$<br>$(-3.25-0.00) \times (388.64+388.66) / 2$<br>$(-3.85--3.25) \times (389.03+388.64) / 2$   | 322.92<br>587.47<br>618.53<br>529.06<br>1288.67<br>-583.70<br>-1263.11<br>-1263.11<br>-233.30   | 3.43           |      |
| Sez20<br>320.66  | A1   | $(-1.90--3.29) \times (390.46+390.38) / 2$<br>$(-0.10--1.90) \times (390.48+390.46) / 2$<br>$(1.34--0.10) \times (390.49+390.48) / 2$<br>$(3.05-1.34) \times (390.44+390.49) / 2$<br>$(3.48-3.05) \times (390.51+390.44) / 2$<br>$(3.25-3.48) \times (390.36+390.51) / 2$<br>$(0.00-3.25) \times (390.38+390.36) / 2$<br>$(-3.25-0.00) \times (390.36+390.38) / 2$<br>$(-3.29--3.25) \times (390.38+390.36) / 2$   | 542.68<br>702.85<br>562.30<br>667.70<br>167.90<br>-89.80<br>-1268.70<br>-1268.70<br>-15.61  | 0.62           |      |
|                  |      | A RIPORTARE mq   | 9012.03   |                |      |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                                     |          | CALCOLO DELLE AREE                  | Foglio n. 3              |                      |      |
|-------------------------------------|----------|-------------------------------------|--------------------------|----------------------|------|
| Sterro                              |          |                                     |                          |                      |      |
| N. SEZIONE<br>PROG.                 | FIG.     | ELEMENTI DI CALCOLO                 | AREA<br>ELEMENTARE<br>mq | AREA<br>FIGURA<br>mq | NOTE |
| RIPORTO mq                          |          |                                     | 9012.03                  |                      |      |
| Sez21<br>330.00                     | A1       | (20.26-19.44) x (406.93+406.43) / 2 | 333.48                   | 124.71               |      |
|                                     |          | (22.13-20.26) x (408.19+406.93) / 2 | 762.14                   |                      |      |
|                                     |          | (22.38-22.13) x (408.36+408.19) / 2 | 102.07                   |                      |      |
|                                     |          | (22.75-22.38) x (408.70+408.36) / 2 | 151.16                   |                      |      |
|                                     |          | (23.82-22.75) x (409.56+408.70) / 2 | 437.77                   |                      |      |
|                                     |          | (24.58-23.82) x (410.08+409.56) / 2 | 311.46                   |                      |      |
|                                     |          | (28.03-24.58) x (411.87+410.08) / 2 | 1417.86                  |                      |      |
|                                     |          | (30.28-28.03) x (412.68+411.87) / 2 | 927.62                   |                      |      |
|                                     |          | (31.21-30.28) x (412.93+412.68) / 2 | 383.91                   |                      |      |
|                                     |          | (32.34-31.21) x (413.10+412.93) / 2 | 466.71                   |                      |      |
|                                     |          | (34.14-32.34) x (413.24+413.10) / 2 | 743.71                   |                      |      |
|                                     |          | (37.25-34.14) x (413.70+413.24) / 2 | 1285.89                  |                      |      |
|                                     |          | (40.10-37.25) x (414.07+413.70) / 2 | 1179.57                  |                      |      |
|                                     |          | (34.57-40.10) x (410.42+414.07) / 2 | -2279.71                 |                      |      |
|                                     |          | (33.52-34.57) x (409.73+410.42) / 2 | -430.58                  |                      |      |
|                                     |          | (24.43-33.52) x (403.73+409.73) / 2 | -3697.18                 |                      |      |
|                                     |          | (22.93-24.43) x (403.73+403.73) / 2 | -605.60                  |                      |      |
|                                     |          | (13.84-22.93) x (397.73+403.73) / 2 | -3642.64                 |                      |      |
|                                     |          | (12.34-13.84) x (397.73+397.73) / 2 | -596.60                  |                      |      |
|                                     |          | (3.25-12.34) x (391.73+397.73) / 2  | -3588.10                 |                      |      |
|                                     |          | (0.00-3.25) x (391.76+391.73) / 2   | -1273.17                 |                      |      |
|                                     |          | (-3.25-0.00) x (391.73+391.76) / 2  | -1273.17                 |                      |      |
|                                     |          | (-3.26--3.25) x (391.74+391.73) / 2 | -3.92                    |                      |      |
|                                     |          | (-3.05--3.41) x (392.90+392.81) / 2 | 141.43                   |                      |      |
|                                     |          | (-0.79--3.05) x (392.94+392.90) / 2 | 888.00                   |                      |      |
|                                     |          | (-0.03--0.79) x (392.94+392.94) / 2 | 298.63                   |                      |      |
|                                     |          | (-0.02--0.03) x (392.93+392.94) / 2 | 3.93                     |                      |      |
|                                     |          | (0.20--0.02) x (392.98+392.93) / 2  | 86.45                    |                      |      |
|                                     |          | (1.28-0.20) x (393.19+392.98) / 2   | 424.53                   |                      |      |
|                                     |          | (1.53-1.28) x (393.48+393.19) / 2   | 98.33                    |                      |      |
|                                     |          | (2.58-1.53) x (394.08+393.48) / 2   | 413.47                   |                      |      |
|                                     |          | (5.44-2.58) x (396.24+394.08) / 2   | 1130.16                  |                      |      |
|                                     |          | (8.73-5.44) x (398.65+396.24) / 2   | 1307.59                  |                      |      |
|                                     |          | (11.90-8.73) x (401.56+398.65) / 2  | 1268.33                  |                      |      |
|                                     |          | (13.52-11.90) x (403.34+401.56) / 2 | 651.97                   |                      |      |
|                                     |          | (14.12-13.52) x (404.12+403.34) / 2 | 242.24                   |                      |      |
|                                     |          | (14.41-14.12) x (404.35+404.12) / 2 | 117.23                   |                      |      |
|                                     |          | (14.94-14.41) x (404.94+404.35) / 2 | 214.46                   |                      |      |
|                                     |          | (18.23-14.94) x (408.61+404.94) / 2 | 1338.29                  |                      |      |
|                                     |          | (19.87-18.23) x (409.60+408.61) / 2 | 670.93                   |                      |      |
| (21.71-19.87) x (411.03+409.60) / 2 | 754.98   |                                     |                          |                      |      |
| (23.03-21.71) x (411.91+411.03) / 2 | 543.14   |                                     |                          |                      |      |
| (26.09-23.03) x (413.17+411.91) / 2 | 1262.37  |                                     |                          |                      |      |
| (29.94-26.09) x (415.21+413.17) / 2 | 1594.63  |                                     |                          |                      |      |
| (30.80-29.94) x (415.53+415.21) / 2 | 357.22   |                                     |                          |                      |      |
| (38.85-30.80) x (416.64+415.53) / 2 | 3349.48  |                                     |                          |                      |      |
| (38.98-38.85) x (416.65+416.64) / 2 | 54.16    |                                     |                          |                      |      |
| (39.13-38.98) x (416.67+416.65) / 2 | 62.50    |                                     |                          |                      |      |
| (41.04-39.13) x (416.93+416.67) / 2 | 796.09   |                                     |                          |                      |      |
| (45.18-41.04) x (417.40+416.93) / 2 | 1727.06  |                                     |                          |                      |      |
| (44.44-45.18) x (416.92+417.40) / 2 | -308.70  |                                     |                          |                      |      |
| (44.11-44.44) x (416.70+416.92) / 2 | -137.55  |                                     |                          |                      |      |
| (35.02-44.11) x (410.70+416.70) / 2 | -3760.53 |                                     |                          |                      |      |
| (33.52-35.02) x (410.70+410.70) / 2 | -616.05  |                                     |                          |                      |      |
| (24.43-33.52) x (404.70+410.70) / 2 | -3705.99 |                                     |                          |                      |      |
| (22.93-24.43) x (404.70+404.70) / 2 | -607.05  |                                     |                          |                      |      |
| (13.84-22.93) x (398.70+404.70) / 2 | -3651.45 |                                     |                          |                      |      |
| (12.34-13.84) x (398.70+398.70) / 2 | -598.05  |                                     |                          |                      |      |
| (3.25-12.34) x (392.70+398.70) / 2  | -3596.91 |                                     |                          |                      |      |
| (0.00-3.25) x (392.73+392.70) / 2   | -1276.32 |                                     |                          |                      |      |
| (-3.25-0.00) x (392.70+392.73) / 2  | -1276.32 |                                     |                          |                      |      |
| (-3.41--3.25) x (392.81+392.70) / 2 | -62.84   |                                     |                          |                      |      |
| (-2.36--3.07) x (394.13+393.81) / 2 | 279.72   | 199.84                              |                          |                      |      |
| (-0.50--2.36) x (394.08+394.13) / 2 | 733.04   |                                     |                          |                      |      |
| (0.65--0.50) x (394.06+394.08) / 2  | 453.18   |                                     |                          |                      |      |
| (1.09-0.65) x (394.14+394.06) / 2   | 173.40   |                                     |                          |                      |      |
| (2.17-1.09) x (394.34+394.14) / 2   | 425.78   |                                     |                          |                      |      |
| (5.43-2.17) x (396.94+394.34) / 2   | 1289.79  |                                     |                          |                      |      |
| (9.21-5.43) x (399.97+396.94) / 2   | 1506.16  |                                     |                          |                      |      |
| (14.68-9.21) x (404.53+399.97) / 2  | 2200.31  |                                     |                          |                      |      |
| (14.94-14.68) x (404.80+404.53) / 2 | 105.21   |                                     |                          |                      |      |
| (15.91-14.94) x (405.42+404.80) / 2 | 392.96   |                                     |                          |                      |      |
| (17.60-15.91) x (406.64+405.42) / 2 | 686.19   |                                     |                          |                      |      |
| (18.24-17.60) x (407.05+406.64) / 2 | 260.38   |                                     |                          |                      |      |
| (19.62-18.24) x (407.72+407.05) / 2 | 562.19   |                                     |                          |                      |      |
| (20.20-19.62) x (408.11+407.72) / 2 | 236.59   |                                     |                          |                      |      |
| (23.15-20.20) x (409.24+408.11) / 2 | 1205.59  |                                     |                          |                      |      |
| (24.46-23.15) x (409.86+409.24) / 2 | 536.51   |                                     |                          |                      |      |
| (24.96-24.46) x (410.16+409.86) / 2 | 205.00   |                                     |                          |                      |      |
| (25.53-24.96) x (410.57+410.16) / 2 | 233.91   |                                     |                          |                      |      |
| (26.61-25.53) x (410.89+410.57) / 2 | 443.59   |                                     |                          |                      |      |
| (27.72-26.61) x (411.22+410.89) / 2 | 456.27   |                                     |                          |                      |      |
| (35.18-27.72) x (413.68+411.22) / 2 | 3076.88  |                                     |                          |                      |      |
| (38.78-35.18) x (414.88+413.68) / 2 | 1491.41  |                                     |                          |                      |      |
| (39.77-38.78) x (414.94+414.88) / 2 | 410.76   |                                     |                          |                      |      |
| (35.02-39.77) x (411.80+414.94) / 2 | -1963.51 |                                     |                          |                      |      |
| (33.52-35.02) x (411.80+411.80) / 2 | -617.70  |                                     |                          |                      |      |
| (24.43-33.52) x (405.80+411.80) / 2 | -3715.99 |                                     |                          |                      |      |
| (22.93-24.43) x (405.80+405.80) / 2 | -608.70  |                                     |                          |                      |      |
| (13.84-22.93) x (399.80+405.80) / 2 | -3661.45 |                                     |                          |                      |      |
| (12.34-13.84) x (399.80+399.80) / 2 | -599.70  |                                     |                          |                      |      |
| (3.25-12.34) x (393.80+399.80) / 2  | -3606.91 |                                     |                          |                      |      |
| (0.00-3.25) x (393.83+393.80) / 2   | -1279.90 |                                     |                          |                      |      |
| (-3.07-0.00) x (393.81+393.83) / 2  | -1209.03 |                                     |                          |                      |      |
| (-3.17--3.70) x (394.16+394.00) / 2 | 208.86   |                                     | 101.93                   |                      |      |
| (-1.44--3.17) x (394.16+394.16) / 2 | 681.90   |                                     |                          |                      |      |
| (0.49--1.44) x (394.08+394.16) / 2  | 760.65   |                                     |                          |                      |      |
| (1.47-0.49) x (394.04+394.08) / 2   | 386.18   |                                     |                          |                      |      |
| (1.84-1.47) x (394.11+394.04) / 2   | 145.81   |                                     |                          |                      |      |
| (2.99-1.84) x (394.31+394.11) / 2   | 453.34   |                                     |                          |                      |      |
| (5.20-2.99) x (396.70+394.31) / 2   | 874.07   |                                     |                          |                      |      |
| (7.08-5.20) x (398.18+396.70) / 2   | 747.19   |                                     |                          |                      |      |
| A RIPORTARE mq                      |          |                                     | 4258.00                  |                      |      |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                                 |          | CALCOLO DELLE AREE              | Foglio n. 4              |                                 |        |  |  |
|---------------------------------|----------|---------------------------------|--------------------------|---------------------------------|--------|--|--|
| Sterro                          |          |                                 |                          |                                 |        |  |  |
| N. SEZIONE<br>PROG.             | FIG.     | ELEMENTI DI CALCOLO             | AREA<br>ELEMENTARE<br>mq | AREA<br>FIGURA<br>mq            | NOTE   |  |  |
| RIPORTO mq                      |          |                                 | 4258.00                  |                                 |        |  |  |
| Sez24<br>366.35                 | A1       | (7.22-7.08)x(398.31+398.18)/2   | 55.75                    |                                 |        |  |  |
|                                 |          | (7.93-7.22)x(398.84+398.31)/2   | 282.99                   |                                 |        |  |  |
|                                 |          | (14.01-7.93)x(404.00+398.84)/2  | 2440.63                  |                                 |        |  |  |
|                                 |          | (15.54-14.01)x(405.16+404.00)/2 | 619.01                   |                                 |        |  |  |
|                                 |          | (16.30-15.54)x(405.67+405.16)/2 | 308.12                   |                                 |        |  |  |
|                                 |          | (19.71-16.30)x(407.73+405.67)/2 | 1386.85                  |                                 |        |  |  |
|                                 |          | (20.12-19.71)x(408.08+407.73)/2 | 167.24                   |                                 |        |  |  |
|                                 |          | (22.82-20.12)x(409.08+408.08)/2 | 1103.17                  |                                 |        |  |  |
|                                 |          | (23.49-22.82)x(409.39+409.08)/2 | 274.19                   |                                 |        |  |  |
|                                 |          | (23.70-23.49)x(409.52+409.39)/2 | 85.99                    |                                 |        |  |  |
|                                 |          | (25.51-23.70)x(410.94+409.52)/2 | 742.52                   |                                 |        |  |  |
|                                 |          | (35.93-25.51)x(414.76+410.94)/2 | 4301.90                  |                                 |        |  |  |
|                                 |          | (36.48-35.93)x(414.96+414.76)/2 | 228.17                   |                                 |        |  |  |
|                                 |          | (36.68-36.48)x(415.00+414.96)/2 | 83.00                    |                                 |        |  |  |
|                                 |          | (39.07-36.68)x(415.49+415.00)/2 | 992.44                   |                                 |        |  |  |
|                                 |          | (41.40-39.07)x(415.91+415.49)/2 | 968.58                   |                                 |        |  |  |
|                                 |          | (35.02-41.40)x(411.70+415.91)/2 | -2640.08                 |                                 |        |  |  |
|                                 |          | (33.52-35.02)x(411.70+411.70)/2 | -617.55                  |                                 |        |  |  |
|                                 |          | (24.43-33.52)x(405.70+411.70)/2 | -3715.08                 |                                 |        |  |  |
|                                 |          | (22.93-24.43)x(405.70+405.70)/2 | -608.55                  |                                 |        |  |  |
|                                 |          | (13.84-22.93)x(399.70+405.70)/2 | -3660.54                 |                                 |        |  |  |
|                                 |          | (12.34-13.84)x(399.70+399.70)/2 | -599.55                  |                                 |        |  |  |
|                                 |          | (3.25-12.34)x(393.70+399.70)/2  | -3606.00                 |                                 |        |  |  |
|                                 |          | (0.00-3.25)x(393.72+393.70)/2   | -1279.56                 |                                 |        |  |  |
| (-3.25-0.00)x(393.70+393.72)/2  | -1279.56 |                                 |                          |                                 |        |  |  |
| (-3.70--3.25)x(394.00+393.70)/2 | -177.23  |                                 |                          |                                 |        |  |  |
|                                 |          |                                 | 114.85                   |                                 |        |  |  |
| Sez25<br>377.27                 | A1       | (-2.32--4.03)x(394.09+394.09)/2 | 673.89                   |                                 |        |  |  |
|                                 |          | (-2.23--2.32)x(394.00+394.09)/2 | 35.46                    |                                 |        |  |  |
|                                 |          | (-0.15--2.23)x(393.92+394.00)/2 | 819.44                   |                                 |        |  |  |
|                                 |          | (0.53--0.15)x(393.90+393.92)/2  | 267.86                   |                                 |        |  |  |
|                                 |          | (1.11-0.53)x(393.99+393.90)/2   | 228.49                   |                                 |        |  |  |
|                                 |          | (1.80-1.11)x(394.13+393.99)/2   | 271.90                   |                                 |        |  |  |
|                                 |          | (2.96-1.80)x(395.48+394.13)/2   | 457.97                   |                                 |        |  |  |
|                                 |          | (4.05-2.96)x(396.62+395.48)/2   | 431.69                   |                                 |        |  |  |
|                                 |          | (6.34-4.05)x(399.18+396.62)/2   | 911.19                   |                                 |        |  |  |
|                                 |          | (6.43-6.34)x(399.25+399.18)/2   | 35.93                    |                                 |        |  |  |
|                                 |          | (6.92-6.43)x(399.55+399.25)/2   | 195.71                   |                                 |        |  |  |
|                                 |          | (8.74-6.92)x(400.54+399.55)/2   | 728.08                   |                                 |        |  |  |
|                                 |          | (14.18-8.74)x(404.32+400.54)/2  | 2189.22                  |                                 |        |  |  |
|                                 |          | (14.81-14.18)x(404.71+404.32)/2 | 254.84                   |                                 |        |  |  |
|                                 |          | (16.70-14.81)x(405.80+404.71)/2 | 765.93                   |                                 |        |  |  |
|                                 |          | (19.74-16.70)x(407.74+405.80)/2 | 1236.58                  |                                 |        |  |  |
|                                 |          | (20.10-19.74)x(408.06+407.74)/2 | 146.84                   |                                 |        |  |  |
|                                 |          | (22.91-20.10)x(408.92+408.06)/2 | 1147.86                  |                                 |        |  |  |
|                                 |          | (23.22-22.91)x(409.04+408.92)/2 | 126.78                   |                                 |        |  |  |
|                                 |          | (23.30-23.22)x(409.09+409.04)/2 | 32.73                    |                                 |        |  |  |
|                                 |          | (26.35-23.30)x(411.37+409.09)/2 | 1251.20                  |                                 |        |  |  |
|                                 |          | (29.31-26.35)x(412.51+411.37)/2 | 1219.34                  |                                 |        |  |  |
|                                 |          | (35.44-29.31)x(414.97+412.51)/2 | 2536.23                  |                                 |        |  |  |
|                                 |          | (36.08-35.44)x(415.20+414.97)/2 | 265.65                   |                                 |        |  |  |
|                                 |          | (36.14-36.08)x(415.23+415.20)/2 | 24.91                    |                                 |        |  |  |
|                                 |          | (40.71-36.14)x(416.03+415.23)/2 | 1899.43                  |                                 |        |  |  |
|                                 |          | (41.96-40.71)x(416.15+416.03)/2 | 520.11                   |                                 |        |  |  |
|                                 |          | (35.02-41.96)x(411.57+416.15)/2 | -2872.19                 |                                 |        |  |  |
|                                 |          | (33.52-35.02)x(411.57+411.57)/2 | -617.36                  |                                 |        |  |  |
|                                 |          | (24.43-33.52)x(405.57+411.57)/2 | -3713.90                 |                                 |        |  |  |
|                                 |          | (22.93-24.43)x(405.57+405.57)/2 | -608.36                  |                                 |        |  |  |
|                                 |          | (13.84-22.93)x(399.57+405.57)/2 | -3659.36                 |                                 |        |  |  |
|                                 |          | (12.34-13.84)x(399.57+399.57)/2 | -599.36                  |                                 |        |  |  |
|                                 |          | (3.25-12.34)x(393.57+399.57)/2  | -3604.82                 |                                 |        |  |  |
|                                 |          | (0.00-3.25)x(393.59+393.57)/2   | -1279.13                 |                                 |        |  |  |
|                                 |          | (-3.25-0.00)x(393.57+393.59)/2  | -1279.13                 |                                 |        |  |  |
|                                 |          | (-4.03--3.25)x(394.09+393.57)/2 | -307.19                  |                                 |        |  |  |
|                                 |          |                                 |                          |                                 | 134.46 |  |  |
|                                 |          | Sez26<br>383.00                 | A1                       | (-3.05--3.57)x(393.71+393.59)/2 | 204.70 |  |  |
|                                 |          |                                 |                          | (-2.73--3.05)x(393.70+393.71)/2 | 125.99 |  |  |
|                                 |          |                                 |                          | (-2.29--2.73)x(393.68+393.70)/2 | 173.22 |  |  |
|                                 |          |                                 |                          | (-1.24--2.29)x(393.66+393.68)/2 | 413.35 |  |  |
|                                 |          |                                 |                          | (-0.17--1.24)x(393.65+393.66)/2 | 421.21 |  |  |
|                                 |          |                                 |                          | (0.38--0.17)x(393.66+393.65)/2  | 216.51 |  |  |
| (0.93-0.38)x(393.69+393.66)/2   | 216.52   |                                 |                          |                                 |        |  |  |
| (1.11-0.93)x(393.78+393.69)/2   | 70.87    |                                 |                          |                                 |        |  |  |
| (1.16-1.11)x(393.83+393.78)/2   | 19.69    |                                 |                          |                                 |        |  |  |
| (1.45-1.16)x(394.14+393.83)/2   | 114.26   |                                 |                          |                                 |        |  |  |
| (3.36-1.45)x(396.34+394.14)/2   | 754.91   |                                 |                          |                                 |        |  |  |
| (4.54-3.36)x(397.69+396.34)/2   | 468.48   |                                 |                          |                                 |        |  |  |
| (4.71-4.54)x(397.93+397.69)/2   | 67.63    |                                 |                          |                                 |        |  |  |
| (5.70-4.71)x(398.74+397.93)/2   | 394.35   |                                 |                          |                                 |        |  |  |
| (11.38-5.70)x(403.40+398.74)/2  | 2278.08  |                                 |                          |                                 |        |  |  |
| (12.93-11.38)x(404.45+403.40)/2 | 626.08   |                                 |                          |                                 |        |  |  |
| (15.57-12.93)x(406.24+404.45)/2 | 1070.11  |                                 |                          |                                 |        |  |  |
| (19.13-15.57)x(408.99+406.24)/2 | 1451.11  |                                 |                          |                                 |        |  |  |
| (19.60-19.13)x(409.36+408.99)/2 | 192.31   |                                 |                          |                                 |        |  |  |
| (20.80-19.60)x(410.16+409.36)/2 | 491.71   |                                 |                          |                                 |        |  |  |
| (20.88-20.80)x(410.22+410.16)/2 | 32.82    |                                 |                          |                                 |        |  |  |
| (22.68-20.88)x(410.84+410.22)/2 | 738.95   |                                 |                          |                                 |        |  |  |
| (34.82-22.68)x(415.01+410.84)/2 | 5012.91  |                                 |                          |                                 |        |  |  |
| (35.73-34.82)x(415.09+415.01)/2 | 377.70   |                                 |                          |                                 |        |  |  |
| (36.74-35.73)x(415.23+415.09)/2 | 419.31   |                                 |                          |                                 |        |  |  |
| (38.88-36.74)x(415.74+415.23)/2 | 889.14   |                                 |                          |                                 |        |  |  |
| (42.75-38.88)x(416.48+415.74)/2 | 1610.35  |                                 |                          |                                 |        |  |  |
| (35.02-42.75)x(411.38+416.48)/2 | -3199.68 |                                 |                          |                                 |        |  |  |
| (33.52-35.02)x(411.38+411.38)/2 | -617.07  |                                 |                          |                                 |        |  |  |
| (24.43-33.52)x(405.38+411.38)/2 | -3712.17 |                                 |                          |                                 |        |  |  |
| (22.93-24.43)x(405.38+405.38)/2 | -608.07  |                                 |                          |                                 |        |  |  |
| (13.84-22.93)x(399.38+405.38)/2 | -3657.63 |                                 |                          |                                 |        |  |  |
| (12.34-13.84)x(399.38+399.38)/2 | -599.07  |                                 |                          |                                 |        |  |  |
| (3.25-12.34)x(393.38+399.38)/2  | -3603.09 |                                 |                          |                                 |        |  |  |
| (0.00-3.25)x(393.41+393.38)/2   | -1278.53 |                                 |                          |                                 |        |  |  |
| (-3.25-0.00)x(393.38+393.41)/2  | -1278.53 |                                 |                          |                                 |        |  |  |
| (-3.57--3.25)x(393.59+393.38)/2 | -125.92  |                                 |                          |                                 |        |  |  |
|                                 |          |                                 |                          |                                 | 172.51 |  |  |
|                                 |          |                                 |                          |                                 | 554.75 |  |  |
|                                 |          |                                 |                          |                                 | 432.94 |  |  |
| A RIPORTARE mq                  |          |                                 |                          | 987.69                          |        |  |  |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                                     |          | CALCOLO DELLE AREE                  | Foglio n. 5        |                                     |         |  |  |
|-------------------------------------|----------|-------------------------------------|--------------------|-------------------------------------|---------|--|--|
| Sterro                              |          |                                     |                    |                                     |         |  |  |
| N. SEZIONE PROG.                    | FIG.     | ELEMENTI DI CALCOLO                 | AREA ELEMENTARE mq | AREA FIGURA mq                      | NOTE    |  |  |
| RIPORTO mq                          |          |                                     | 987.69             |                                     |         |  |  |
| Sez27<br>390.93                     | A1       | (1.16--0.76) x (393.61+393.58) / 2  | 755.70             |                                     |         |  |  |
|                                     |          | (1.73-1.16) x (393.62+393.61) / 2   | 224.36             |                                     |         |  |  |
|                                     |          | (2.35-1.73) x (393.67+393.62) / 2   | 244.06             |                                     |         |  |  |
|                                     |          | (2.65-2.35) x (393.74+393.67) / 2   | 118.11             |                                     |         |  |  |
|                                     |          | (2.77-2.65) x (393.78+393.74) / 2   | 47.25              |                                     |         |  |  |
|                                     |          | (4.11-2.77) x (395.07+393.78) / 2   | 528.53             |                                     |         |  |  |
|                                     |          | (5.59-4.11) x (396.47+395.07) / 2   | 585.74             |                                     |         |  |  |
|                                     |          | (6.89-5.59) x (397.55+396.47) / 2   | 516.11             |                                     |         |  |  |
|                                     |          | (8.39-6.89) x (398.69+397.55) / 2   | 597.18             |                                     |         |  |  |
|                                     |          | (8.66-8.39) x (398.90+398.69) / 2   | 107.67             |                                     |         |  |  |
|                                     |          | (8.99-8.66) x (399.12+398.90) / 2   | 131.67             |                                     |         |  |  |
|                                     |          | (13.92-8.99) x (400.98+399.12) / 2  | 1972.25            |                                     |         |  |  |
|                                     |          | (15.84-13.92) x (401.65+400.98) / 2 | 770.52             |                                     |         |  |  |
|                                     |          | (17.38-15.84) x (402.53+401.65) / 2 | 619.22             |                                     |         |  |  |
|                                     |          | (19.86-17.38) x (403.42+402.53) / 2 | 999.38             |                                     |         |  |  |
|                                     |          | (20.71-19.86) x (403.82+403.42) / 2 | 343.08             |                                     |         |  |  |
|                                     |          | (13.84-20.71) x (399.28+403.82) / 2 | -2758.65           |                                     |         |  |  |
| (12.34-13.84) x (399.28+399.28) / 2 | -598.92  |                                     |                    |                                     |         |  |  |
| (3.25-12.34) x (393.28+399.28) / 2  | -3602.19 |                                     |                    |                                     |         |  |  |
| (0.00-3.25) x (393.31+393.28) / 2   | -1278.21 |                                     |                    |                                     |         |  |  |
| (-3.25-0.00) x (393.28+393.31) / 2  | -1278.21 |                                     |                    |                                     |         |  |  |
| (-3.27--3.25) x (393.29+393.28) / 2 | -7.87    |                                     |                    |                                     |         |  |  |
|                                     |          |                                     | 24.47              |                                     |         |  |  |
| Sez29<br>404.59                     | A1       | (3.25-0.79) x (393.31+393.24) / 2   | 967.46             |                                     |         |  |  |
|                                     |          | (3.42-3.25) x (393.33+393.31) / 2   | 66.86              |                                     |         |  |  |
|                                     |          | (3.25-3.42) x (393.23+393.33) / 2   | -66.86             |                                     |         |  |  |
|                                     |          | (0.79-3.25) x (393.24+393.23) / 2   | -967.36            |                                     |         |  |  |
|                                     |          |                                     |                    |                                     | 0.10    |  |  |
| Sez30<br>426.00                     | A1       | (2.76-2.50) x (393.92+393.85) / 2   | 102.41             |                                     |         |  |  |
|                                     |          | (3.74-2.76) x (394.17+393.92) / 2   | 386.16             |                                     |         |  |  |
|                                     |          | (3.25-3.74) x (393.84+394.17) / 2   | -193.06            |                                     |         |  |  |
|                                     |          |                                     | -295.38            |                                     |         |  |  |
|                                     |          |                                     |                    | 0.13                                |         |  |  |
| Sez31<br>449.36                     | A1       | (-2.71--3.37) x (395.63+395.48) / 2 | 261.07             |                                     |         |  |  |
|                                     |          | (-0.52--2.71) x (395.54+395.63) / 2 | 866.33             |                                     |         |  |  |
|                                     |          | (0.24--0.52) x (395.51+395.54) / 2  | 300.60             |                                     |         |  |  |
|                                     |          | (0.67-0.24) x (395.58+395.51) / 2   | 170.08             |                                     |         |  |  |
|                                     |          | (2.58-0.67) x (395.60+395.58) / 2   | 755.58             |                                     |         |  |  |
|                                     |          | (2.68-2.58) x (395.68+395.60) / 2   | 39.56              |                                     |         |  |  |
|                                     |          | (5.36-2.68) x (398.08+395.68) / 2   | 1063.64            |                                     |         |  |  |
|                                     |          | (8.26-5.36) x (400.88+398.08) / 2   | 1158.49            |                                     |         |  |  |
|                                     |          | (8.83-8.26) x (401.87+400.88) / 2   | 228.78             |                                     |         |  |  |
|                                     |          | (11.07-8.83) x (405.04+401.87) / 2  | 903.74             |                                     |         |  |  |
|                                     |          | (11.93-11.07) x (406.17+405.04) / 2 | 348.82             |                                     |         |  |  |
|                                     |          | (14.21-11.93) x (408.25+406.17) / 2 | 928.44             |                                     |         |  |  |
|                                     |          | (22.20-14.21) x (410.49+408.25) / 2 | 3270.87            |                                     |         |  |  |
|                                     |          | (22.84-22.20) x (410.67+410.49) / 2 | 262.77             |                                     |         |  |  |
|                                     |          | (25.09-22.84) x (411.51+410.67) / 2 | 924.95             |                                     |         |  |  |
|                                     |          | (25.98-25.09) x (411.84+411.51) / 2 | 366.39             |                                     |         |  |  |
|                                     |          | (26.03-25.98) x (411.85+411.84) / 2 | 20.59              |                                     |         |  |  |
|                                     |          | (26.29-26.03) x (411.77+411.85) / 2 | 107.07             |                                     |         |  |  |
|                                     |          | (28.40-26.29) x (410.02+411.77) / 2 | 866.99             |                                     |         |  |  |
|                                     |          | (24.43-28.40) x (407.40+410.02) / 2 | -1622.58           |                                     |         |  |  |
|                                     |          | (22.93-24.43) x (407.40+407.40) / 2 | -611.10            |                                     |         |  |  |
|                                     |          | (13.84-22.93) x (401.40+407.40) / 2 | -3676.00           |                                     |         |  |  |
|                                     |          | (12.34-13.84) x (401.40+401.40) / 2 | -602.10            |                                     |         |  |  |
|                                     |          | (3.25-12.34) x (395.40+401.40) / 2  | -3621.46           |                                     |         |  |  |
|                                     |          | (0.00-3.25) x (395.42+395.40) / 2   | -1285.08           |                                     |         |  |  |
|                                     |          | (-3.25-0.00) x (395.40+395.42) / 2  | -1285.08           |                                     |         |  |  |
|                                     |          | (-3.37--3.25) x (395.48+395.40) / 2 | -47.45             |                                     |         |  |  |
|                                     |          |                                     |                    |                                     | 93.91   |  |  |
|                                     |          | Sez32<br>466.74                     | A1                 | (-3.02--3.84) x (397.01+397.05) / 2 | 325.56  |  |  |
|                                     |          |                                     |                    | (-2.90--3.02) x (397.00+397.01) / 2 | 47.64   |  |  |
|                                     |          |                                     |                    | (-2.77--2.90) x (396.99+397.00) / 2 | 51.61   |  |  |
|                                     |          |                                     |                    | (-2.64--2.77) x (396.99+396.99) / 2 | 51.61   |  |  |
|                                     |          |                                     |                    | (0.45--2.64) x (396.87+396.99) / 2  | 1226.51 |  |  |
| (1.36-0.45) x (396.98+396.87) / 2   | 361.20   |                                     |                    |                                     |         |  |  |
| (2.43-1.36) x (397.13+396.98) / 2   | 424.85   |                                     |                    |                                     |         |  |  |
| (7.06-2.43) x (399.18+397.13) / 2   | 1843.46  |                                     |                    |                                     |         |  |  |
| (3.25-7.06) x (396.66+399.18) / 2   | -1516.08 |                                     |                    |                                     |         |  |  |
| (0.00-3.25) x (396.69+396.66) / 2   | -1289.19 |                                     |                    |                                     |         |  |  |
| (-3.25-0.00) x (396.66+396.69) / 2  | -1289.19 |                                     |                    |                                     |         |  |  |
| (-3.84--3.25) x (397.05+396.66) / 2 | -234.14  |                                     |                    |                                     |         |  |  |
|                                     |          |                                     |                    |                                     | 3.84    |  |  |
| Sez33<br>480.00                     | A1       |                                     |                    | (-2.05--4.04) x (397.19+397.21) / 2 | 790.43  |  |  |
|                                     |          |                                     |                    | (-1.65--2.05) x (397.17+397.19) / 2 | 158.87  |  |  |
|                                     |          |                                     |                    | (0.44--1.65) x (397.09+397.17) / 2  | 830.00  |  |  |
|                                     |          |                                     |                    | (1.30-0.44) x (397.04+397.09) / 2   | 341.48  |  |  |
|                                     |          | (1.91-1.30) x (397.13+397.04) / 2   | 242.22             |                                     |         |  |  |
|                                     |          | (3.01-1.91) x (397.28+397.13) / 2   | 436.93             |                                     |         |  |  |
|                                     |          | (3.41-3.01) x (397.88+397.28) / 2   | 159.03             |                                     |         |  |  |
|                                     |          | (8.14-3.41) x (400.19+397.88) / 2   | 1887.44            |                                     |         |  |  |
|                                     |          | (8.61-8.14) x (400.51+400.19) / 2   | 188.16             |                                     |         |  |  |
|                                     |          | (9.79-8.61) x (401.20+400.51) / 2   | 473.01             |                                     |         |  |  |
|                                     |          | (10.07-9.79) x (401.19+401.20) / 2  | 112.33             |                                     |         |  |  |
|                                     |          | (3.25-10.07) x (396.69+401.19) / 2  | -2720.77           |                                     |         |  |  |
|                                     |          | (0.00-3.25) x (396.71+396.69) / 2   | -1289.27           |                                     |         |  |  |
|                                     |          | (-3.25-0.00) x (396.69+396.71) / 2  | -1289.27           |                                     |         |  |  |
|                                     |          | (-4.04--3.25) x (397.21+396.69) / 2 | -313.59            |                                     |         |  |  |
|                                     |          |                                     |                    |                                     | 7.00    |  |  |
|                                     |          | Sez34<br>510.00                     | A1                 | (-3.33--3.35) x (396.78+396.77) / 2 | 7.94    |  |  |
| (-1.78--3.33) x (397.00+396.78) / 2 | 615.18   |                                     |                    |                                     |         |  |  |
| (-0.32--1.78) x (396.96+397.00) / 2 | 579.59   |                                     |                    |                                     |         |  |  |
| (1.20--0.32) x (396.92+396.96) / 2  | 603.35   |                                     |                    |                                     |         |  |  |
| (2.04-1.20) x (396.97+396.92) / 2   | 333.43   |                                     |                    |                                     |         |  |  |
| (3.81-2.04) x (397.07+396.97) / 2   | 702.73   |                                     |                    |                                     |         |  |  |
| (3.25-3.81) x (396.70+397.07) / 2   | -222.26  |                                     |                    |                                     |         |  |  |
| (0.00-3.25) x (396.73+396.70) / 2   | -1289.32 |                                     |                    |                                     |         |  |  |
| (-3.25-0.00) x (396.70+396.73) / 2  | -1289.32 |                                     |                    |                                     |         |  |  |
| (-3.35--3.25) x (396.77+396.70) / 2 | -39.67   |                                     |                    |                                     |         |  |  |
|                                     |          |                                     | 1.65               |                                     |         |  |  |
| A RIPORTARE mq                      |          |                                     | 1428.65            |                                     |         |  |  |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                                 |          | CALCOLO DELLE AREE              | Foglio n. 6        |                               |        |  |
|---------------------------------|----------|---------------------------------|--------------------|-------------------------------|--------|--|
| Sterro                          |          |                                 |                    |                               |        |  |
| N. SEZIONE PROG.                | FIG.     | ELEMENTI DI CALCOLO             | AREA ELEMENTARE mq | AREA FIGURA mq                | NOTE   |  |
| RIPORTO mq                      |          |                                 | 1428.65            |                               |        |  |
| Sez35<br>530.00                 | A1       | (0.71-0.55)x(397.01+396.97)/2   | 63.52              |                               |        |  |
|                                 |          | (1.42-0.71)x(397.06+397.01)/2   | 281.89             |                               |        |  |
|                                 |          | (1.62-1.42)x(397.42+397.06)/2   | 79.45              |                               |        |  |
|                                 |          | (3.36-1.62)x(399.18+397.42)/2   | 693.04             |                               |        |  |
|                                 |          | (4.90-3.36)x(400.22+399.18)/2   | 615.54             |                               |        |  |
|                                 |          | (7.98-4.90)x(401.46+400.22)/2   | 1234.59            |                               |        |  |
|                                 |          | (9.02-7.98)x(401.61+401.46)/2   | 417.60             |                               |        |  |
|                                 |          | (10.17-9.02)x(401.95+401.61)/2  | 462.05             |                               |        |  |
|                                 |          | (11.31-10.17)x(402.06+401.95)/2 | 458.29             |                               |        |  |
|                                 |          | (3.25-11.31)x(396.74+402.06)/2  | -3219.16           |                               |        |  |
|                                 |          | (0.00-3.25)x(396.76+396.74)/2   | -1289.44           |                               |        |  |
|                                 |          | (-3.05-0.00)x(396.74+396.76)/2  | -1210.09           |                               |        |  |
|                                 |          |                                 |                    |                               | 15.93  |  |
| Sez35<br>530.00                 | A2       | (-2.89--3.04)x(396.84+396.77)/2 | 59.52              |                               |        |  |
|                                 |          | (-0.64--2.89)x(396.81+396.84)/2 | 892.86             |                               |        |  |
|                                 |          | (0.05--0.64)x(396.79+396.81)/2  | 273.79             |                               |        |  |
|                                 |          | (0.00-0.05)x(396.79+396.79)/2   | -19.84             |                               |        |  |
|                                 |          | (-3.04-0.00)x(396.77+396.79)/2  | -1206.21           |                               |        |  |
|                                 |          | (0.78-0.16)x(396.97+396.79)/2   | 246.07             |                               |        |  |
|                                 |          | (1.00-0.78)x(397.17+396.97)/2   | 87.36              |                               |        |  |
|                                 |          | (1.01-1.00)x(397.03+397.17)/2   | 3.97               |                               |        |  |
|                                 |          | (1.11-1.01)x(397.30+397.03)/2   | 39.72              |                               |        |  |
|                                 |          | (1.56-1.11)x(397.39+397.30)/2   | 178.81             |                               |        |  |
|                                 |          | (5.51-1.56)x(400.12+397.39)/2   | 1575.08            |                               |        |  |
|                                 |          | (11.67-5.51)x(402.32+400.12)/2  | 2471.52            |                               |        |  |
|                                 |          | (3.25-11.67)x(396.76+402.32)/2  | -3364.13           |                               |        |  |
| (0.16-3.25)x(396.79+396.76)/2   | -1226.03 |                                 |                    |                               |        |  |
|                                 |          |                                 | 0.12               |                               |        |  |
| Sez36<br>551.32                 | A1       | (2.48-1.96)x(396.94+396.81)/2   | 206.38             |                               |        |  |
|                                 |          | (2.60-2.48)x(396.97+396.94)/2   | 47.63              |                               |        |  |
|                                 |          | (3.65-2.60)x(397.55+396.97)/2   | 417.12             |                               |        |  |
|                                 |          | (9.63-3.65)x(401.00+397.55)/2   | 2387.66            |                               |        |  |
|                                 |          | (3.25-9.63)x(396.80+401.00)/2   | -2544.98           |                               |        |  |
|                                 |          | (1.96-3.25)x(396.81+396.80)/2   | -511.88            |                               |        |  |
|                                 |          | (2.71-2.56)x(398.71+398.64)/2   | 59.80              |                               |        |  |
|                                 |          | (3.59-2.71)x(398.89+398.71)/2   | 350.94             |                               |        |  |
|                                 |          | (3.69-3.59)x(398.93+398.89)/2   | 39.89              |                               |        |  |
|                                 |          | (3.25-3.69)x(398.64+398.93)/2   | -175.47            |                               |        |  |
|                                 |          | (2.56-3.25)x(398.64+398.64)/2   | -275.06            |                               |        |  |
|                                 |          |                                 |                    |                               | 1.93   |  |
|                                 |          | Sez38<br>576.81                 | A1                 | (2.71-2.56)x(398.71+398.64)/2 | 59.80  |  |
| (3.59-2.71)x(398.89+398.71)/2   | 350.94   |                                 |                    |                               |        |  |
| (3.69-3.59)x(398.93+398.89)/2   | 39.89    |                                 |                    |                               |        |  |
| (3.25-3.69)x(398.64+398.93)/2   | -175.47  |                                 |                    |                               |        |  |
| (2.56-3.25)x(398.64+398.64)/2   | -275.06  |                                 |                    |                               |        |  |
| (-1.38--1.91)x(401.77+401.71)/2 | 212.92   |                                 |                    |                               |        |  |
| (1.31--1.38)x(401.84+401.77)/2  | 1080.86  |                                 |                    |                               |        |  |
| (1.57-1.31)x(401.83+401.84)/2   | 104.48   |                                 |                    |                               |        |  |
| (1.76-1.57)x(401.87+401.83)/2   | 76.35    |                                 |                    |                               |        |  |
| (3.52-1.76)x(401.98+401.87)/2   | 707.39   |                                 |                    |                               |        |  |
| (3.98-3.52)x(402.18+401.98)/2   | 184.96   |                                 |                    |                               |        |  |
| (3.25-3.98)x(401.70+402.18)/2   | -293.42  |                                 |                    |                               |        |  |
| (0.00-3.25)x(401.72+401.70)/2   | -1305.56 |                                 |                    |                               |        |  |
| (-1.91-0.00)x(401.71+401.72)/2  | -767.28  |                                 |                    |                               |        |  |
|                                 |          |                                 | 0.10               |                               |        |  |
| Sez39<br>600.00                 | A1       | (-1.38--1.91)x(401.77+401.71)/2 | 212.92             |                               |        |  |
|                                 |          | (1.31--1.38)x(401.84+401.77)/2  | 1080.86            |                               |        |  |
|                                 |          | (1.57-1.31)x(401.83+401.84)/2   | 104.48             |                               |        |  |
|                                 |          | (1.76-1.57)x(401.87+401.83)/2   | 76.35              |                               |        |  |
|                                 |          | (3.52-1.76)x(401.98+401.87)/2   | 707.39             |                               |        |  |
|                                 |          | (3.98-3.52)x(402.18+401.98)/2   | 184.96             |                               |        |  |
|                                 |          | (3.25-3.98)x(401.70+402.18)/2   | -293.42            |                               |        |  |
|                                 |          | (0.00-3.25)x(401.72+401.70)/2   | -1305.56           |                               |        |  |
|                                 |          | (-1.91-0.00)x(401.71+401.72)/2  | -767.28            |                               |        |  |
|                                 |          | (-1.33--3.62)x(403.42+403.29)/2 | 923.68             |                               |        |  |
|                                 |          | (-0.90--1.33)x(403.42+403.42)/2 | 173.47             |                               |        |  |
|                                 |          | (0.48--0.90)x(403.43+403.42)/2  | 556.73             |                               |        |  |
|                                 |          | (1.70-0.48)x(403.43+403.43)/2   | 492.18             |                               |        |  |
| (2.17-1.70)x(403.41+403.43)/2   | 189.61   |                                 |                    |                               |        |  |
| (2.95-2.17)x(403.53+403.41)/2   | 314.71   |                                 |                    |                               |        |  |
| (3.62-2.95)x(403.63+403.53)/2   | 270.40   |                                 |                    |                               |        |  |
| (4.06-3.62)x(403.64+403.63)/2   | 177.60   |                                 |                    |                               |        |  |
| (4.39-4.06)x(403.80+403.64)/2   | 133.23   |                                 |                    |                               |        |  |
| (3.25-4.39)x(403.04+403.80)/2   | -459.90  |                                 |                    |                               |        |  |
| (0.00-3.25)x(403.07+403.04)/2   | -1309.93 |                                 |                    |                               |        |  |
| (-3.25-0.00)x(403.04+403.07)/2  | -1309.93 |                                 |                    |                               |        |  |
| (-3.62--3.25)x(403.29+403.04)/2 | -149.17  |                                 |                    |                               |        |  |
|                                 |          |                                 | 0.70               |                               |        |  |
| Sez40<br>619.82                 | A1       | (-1.33--3.62)x(403.42+403.29)/2 | 923.68             |                               |        |  |
|                                 |          | (-0.90--1.33)x(403.42+403.42)/2 | 173.47             |                               |        |  |
|                                 |          | (0.48--0.90)x(403.43+403.42)/2  | 556.73             |                               |        |  |
|                                 |          | (1.70-0.48)x(403.43+403.43)/2   | 492.18             |                               |        |  |
|                                 |          | (2.17-1.70)x(403.41+403.43)/2   | 189.61             |                               |        |  |
|                                 |          | (2.95-2.17)x(403.53+403.41)/2   | 314.71             |                               |        |  |
|                                 |          | (3.62-2.95)x(403.63+403.53)/2   | 270.40             |                               |        |  |
|                                 |          | (4.06-3.62)x(403.64+403.63)/2   | 177.60             |                               |        |  |
|                                 |          | (4.39-4.06)x(403.80+403.64)/2   | 133.23             |                               |        |  |
|                                 |          | (3.25-4.39)x(403.04+403.80)/2   | -459.90            |                               |        |  |
|                                 |          | (0.00-3.25)x(403.07+403.04)/2   | -1309.93           |                               |        |  |
|                                 |          | (-3.25-0.00)x(403.04+403.07)/2  | -1309.93           |                               |        |  |
|                                 |          | (-3.62--3.25)x(403.29+403.04)/2 | -149.17            |                               |        |  |
|                                 |          |                                 | 2.68               |                               |        |  |
| Sez41<br>624.61                 | A1       | (-3.53--3.75)x(403.56+403.48)/2 | 88.77              |                               |        |  |
|                                 |          | (-3.20--3.53)x(403.57+403.56)/2 | 133.18             |                               |        |  |
|                                 |          | (-0.39--3.20)x(403.57+403.57)/2 | 1134.03            |                               |        |  |
|                                 |          | (0.54--0.39)x(403.57+403.57)/2  | 375.32             |                               |        |  |
|                                 |          | (1.46-0.54)x(403.61+403.57)/2   | 371.30             |                               |        |  |
|                                 |          | (2.56-1.46)x(403.59+403.61)/2   | 443.96             |                               |        |  |
|                                 |          | (2.94-2.56)x(403.66+403.59)/2   | 153.38             |                               |        |  |
|                                 |          | (3.52-2.94)x(403.75+403.66)/2   | 234.15             |                               |        |  |
|                                 |          | (4.17-3.52)x(403.76+403.75)/2   | 262.44             |                               |        |  |
|                                 |          | (3.25-4.17)x(403.15+403.76)/2   | -371.18            |                               |        |  |
|                                 |          | (0.00-3.25)x(403.17+403.15)/2   | -1310.27           |                               |        |  |
|                                 |          | (-3.25-0.00)x(403.15+403.17)/2  | -1310.27           |                               |        |  |
|                                 |          | (-3.75--3.25)x(403.48+403.15)/2 | -201.66            |                               |        |  |
|                                 |          |                                 | 3.15               |                               |        |  |
| Sez42<br>629.41                 | A1       | (-0.76--3.35)x(403.61+403.21)/2 | 1044.83            |                               |        |  |
|                                 |          | (-0.70--0.76)x(403.62+403.61)/2 | 24.22              |                               |        |  |
|                                 |          | (-0.69--0.70)x(403.62+403.62)/2 | 4.04               |                               |        |  |
|                                 |          | (-0.46--0.69)x(403.56+403.62)/2 | 92.83              |                               |        |  |
|                                 |          | (1.69--0.46)x(403.57+403.56)/2  | 867.66             |                               |        |  |
|                                 |          | (2.38-1.69)x(403.56+403.57)/2   | 278.46             |                               |        |  |
|                                 |          | (3.06-2.38)x(403.68+403.56)/2   | 274.46             |                               |        |  |
|                                 |          | (3.98-3.06)x(403.80+403.68)/2   | 371.44             |                               |        |  |
|                                 |          | (5.34-3.98)x(404.52+403.80)/2   | 549.66             |                               |        |  |
|                                 |          | (3.25-5.34)x(403.14+404.52)/2   | -844.00            |                               |        |  |
|                                 |          | (0.00-3.25)x(403.17+403.14)/2   | -1310.25           |                               |        |  |
|                                 |          | (-3.25-0.00)x(403.14+403.17)/2  | -1310.25           |                               |        |  |
|                                 |          | (-3.35--3.25)x(403.21+403.14)/2 | -40.32             |                               |        |  |
|                                 |          |                                 | 2.78               |                               |        |  |
| Sez43<br>646.00                 | A1       | (-3.42--3.54)x(402.52+402.52)/2 | 48.30              |                               |        |  |
|                                 |          | (-0.84--3.42)x(402.80+402.52)/2 | 1038.86            |                               |        |  |
|                                 |          | (-0.11--0.84)x(402.77+402.80)/2 | 294.03             |                               |        |  |
|                                 |          | (2.15--0.11)x(402.65+402.77)/2  | 910.12             |                               |        |  |
|                                 |          | (2.59-2.15)x(402.76+402.65)/2   | 177.19             |                               |        |  |
|                                 |          | (3.18-2.59)x(402.84+402.76)/2   | 237.65             |                               |        |  |
|                                 |          | (3.46-3.18)x(402.90+402.84)/2   | 112.80             |                               |        |  |
|                                 |          | (4.22-3.46)x(402.96+402.90)/2   | 306.23             |                               |        |  |
|                                 |          | (3.25-4.22)x(402.32+402.96)/2   | -390.56            |                               |        |  |
|                                 |          | (0.00-3.25)x(402.35+402.32)/2   | -1307.59           |                               |        |  |
|                                 |          | (-3.25-0.00)x(402.32+402.35)/2  | -1307.59           |                               |        |  |
|                                 |          |                                 |                    |                               | 119.44 |  |
|                                 |          | A RIPORTARE mq                  |                    |                               | 119.44 |  |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                         |      | CALCOLO DELLE AREE   | Foglio n. 7   |                |      |
|-------------------------|------|--|---|----------------|------|
| Sterro                  |      |  |   |                |      |
| N. SEZIONE PROG.        | FIG. | ELEMENTI DI CALCOLO  | AREA ELEMENTARE mq  | AREA FIGURA mq | NOTE |
| RIPORTO mq              |      |  | 119.44  |                |      |
| Sez44<br>663.99         | A1   | $(-3.54--3.25) \times (402.52+402.32) / 2$<br>$(-0.54--1.67) \times (401.47+401.16) / 2$<br>$(0.92--0.54) \times (401.41+401.47) / 2$<br>$(2.32-0.92) \times (401.26+401.41) / 2$<br>$(2.54-2.32) \times (401.28+401.26) / 2$<br>$(3.66-2.54) \times (401.42+401.28) / 2$<br>$(3.25-3.66) \times (401.15+401.42) / 2$<br>$(0.00-3.25) \times (401.17+401.15) / 2$<br>$(-1.67-0.00) \times (401.16+401.17) / 2$   | -116.70<br>453.49<br>586.10<br>561.87<br>88.28<br>449.51<br>-164.53<br>-1303.77<br>-669.95  | 2.74           |      |
| Sez45<br>667.98         | A1   | $(-0.55--1.29) \times (401.18+400.96) / 2$<br>$(2.30--0.55) \times (401.00+401.18) / 2$<br>$(2.40-2.30) \times (400.99+401.00) / 2$<br>$(2.60-2.40) \times (401.02+400.99) / 2$<br>$(3.58-2.60) \times (401.16+401.02) / 2$<br>$(3.25-3.58) \times (400.95+401.16) / 2$<br>$(0.00-3.25) \times (400.97+400.95) / 2$<br>$(-1.29-0.00) \times (400.96+400.97) / 2$   | 296.79<br>1143.11<br>40.10<br>80.20<br>393.07<br>-132.35<br>-1303.12<br>-517.24   | 1.00           |      |
| Sez46<br>671.97         | A1   | $(-1.07--1.14) \times (400.85+400.84) / 2$<br>$(-0.90--1.07) \times (400.90+400.85) / 2$<br>$(-0.73--0.90) \times (400.90+400.90) / 2$<br>$(1.26--0.73) \times (400.83+400.90) / 2$<br>$(0.00-1.26) \times (400.84+400.83) / 2$<br>$(-1.14-0.00) \times (400.84+400.84) / 2$   | 28.06<br>68.15<br>68.15<br>797.72<br>-505.05<br>-456.96   | 0.56           |      |
| Sez46<br>671.97         | A2   | $(2.62-2.28) \times (400.88+400.83) / 2$<br>$(3.53-2.62) \times (401.00+400.88) / 2$<br>$(3.25-3.53) \times (400.82+401.00) / 2$<br>$(2.28-3.25) \times (400.83+400.82) / 2$   | 136.29<br>364.86<br>-112.25<br>-388.80  | 0.07           |      |
| Sez47<br>693.36         | A1   | $(-3.25--3.27) \times (400.21+400.20) / 2$<br>$(-1.27--3.25) \times (400.28+400.21) / 2$<br>$(1.13--1.27) \times (400.22+400.28) / 2$<br>$(1.76-1.13) \times (400.20+400.22) / 2$<br>$(2.48-1.76) \times (400.30+400.20) / 2$<br>$(3.58-2.48) \times (400.41+400.30) / 2$<br>$(3.25-3.58) \times (400.19+400.41) / 2$<br>$(0.00-3.25) \times (400.21+400.19) / 2$<br>$(-3.25-0.00) \times (400.19+400.21) / 2$<br>$(-3.27--3.25) \times (400.20+400.19) / 2$   | 8.00<br>792.49<br>960.60<br>252.13<br>288.18<br>440.39<br>-132.10<br>-1300.65<br>-1300.65<br>-8.00  | 0.10           |      |
| Sez48<br>707.00         | A1   | $(0.69-0.67) \times (399.91+399.90) / 2$<br>$(3.02-0.69) \times (400.07+399.91) / 2$<br>$(3.63-3.02) \times (400.13+400.07) / 2$<br>$(3.25-3.63) \times (399.88+400.13) / 2$<br>$(0.67-3.25) \times (399.90+399.88) / 2$   | 8.00<br>931.98<br>244.06<br>-152.00<br>-1031.72   | 0.39           |      |
| Sez49<br>721.85         | A1   | $(3.20-1.43) \times (400.33+399.98) / 2$<br>$(3.85-3.20) \times (400.36+400.33) / 2$<br>$(3.25-3.85) \times (399.97+400.36) / 2$<br>$(1.43-3.25) \times (399.98+399.97) / 2$   | 708.27<br>260.22<br>-240.10<br>-727.95  | 0.32           |      |
| Sez50<br>735.00         | A1   | $(3.82--2.91) \times (399.88+399.35) / 2$<br>$(4.08-3.82) \times (399.89+399.88) / 2$<br>$(3.25-4.08) \times (399.34+399.89) / 2$<br>$(0.00-3.25) \times (399.37+399.34) / 2$<br>$(-2.91-0.00) \times (399.35+399.37) / 2$   | 2689.41<br>103.97<br>-331.68<br>-1297.90<br>-1162.14  | 0.44           |      |
| Sez51<br>750.33         | A1   | $(-1.93--3.49) \times (398.53+398.43) / 2$<br>$(0.70--1.93) \times (398.49+398.53) / 2$<br>$(1.37-0.70) \times (398.47+398.49) / 2$<br>$(3.22-1.37) \times (398.74+398.47) / 2$<br>$(3.70-3.22) \times (399.13+398.74) / 2$<br>$(4.05-3.70) \times (399.39+399.13) / 2$<br>$(4.77-4.05) \times (400.06+399.39) / 2$<br>$(10.82-4.77) \times (404.66+400.06) / 2$<br>$(13.51-10.82) \times (405.05+404.66) / 2$<br>$(12.87-13.51) \times (404.62+405.05) / 2$<br>$(12.34-12.87) \times (404.28+404.62) / 2$<br>$(3.25-12.34) \times (398.28+404.28) / 2$<br>$(0.00-3.25) \times (398.30+398.28) / 2$<br>$(-3.25-0.00) \times (398.28+398.30) / 2$<br>$(-3.49--3.25) \times (398.43+398.28) / 2$ | 621.63<br>1048.08<br>266.98<br>737.42<br>191.49<br>139.74<br>287.80<br>2434.28<br>1089.06<br>-259.09<br>-214.36<br>-3647.64<br>-1294.44<br>-1294.44<br>-95.61 | 1.66           |      |
| Sez52<br>770.05         | A1   | $(-1.54--1.79) \times (396.96+396.92) / 2$<br>$(0.05--1.54) \times (396.93+396.96) / 2$<br>$(0.00-0.05) \times (396.93+396.93) / 2$<br>$(-1.79-0.00) \times (396.92+396.93) / 2$   | 99.23<br>631.14<br>-19.85<br>-710.50  | 10.90          |      |
| Sez52<br>770.05         | A2   | $(1.96-0.31) \times (396.93+396.93) / 2$<br>$(4.02-1.96) \times (397.42+396.93) / 2$<br>$(3.25-4.02) \times (396.91+397.42) / 2$<br>$(0.31-3.25) \times (396.93+396.91) / 2$   | 654.93<br>818.18<br>-305.82<br>-1166.94   | 0.02<br>0.35   |      |
| Il Direttore dei Lavori |      | L'Impresa  |   |                |      |



|                     |      | CALCOLO DELLE AREE   | Foglio n. 8  |                      |      |  |
|---------------------|------|--|--|----------------------|------|--|
| Riporto             |      |  |  |                      |      |  |
| N. SEZIONE<br>PROG. | FIG. | ELEMENTI DI CALCOLO  | AREA<br>ELEMENTARE<br>mq   | AREA<br>FIGURA<br>mq | NOTE |  |
| Sez4<br>56.00       | B1   | $(-3.25--3.36) \times (365.76+365.69) / 2$<br>$(0.00--3.25) \times (365.79+365.76) / 2$<br>$(2.08-0.00) \times (365.77+365.79) / 2$<br>$(1.19-2.08) \times (365.61+365.77) / 2$<br>$(0.02-1.19) \times (365.47+365.61) / 2$<br>$(-3.23-0.02) \times (365.68+365.47) / 2$<br>$(-3.36--3.23) \times (365.69+365.68) / 2$   | 40.23<br>1188.77<br>760.82<br>-325.46<br>-427.68<br>-1188.12<br>-47.54   |                      |      |  |
| Sez5<br>73.78       | B1   | $(-12.34--14.59) \times (358.50+357.01) / 2$<br>$(-3.25--12.34) \times (364.50+358.50) / 2$<br>$(0.00--3.25) \times (364.52+364.50) / 2$<br>$(3.25-0.00) \times (364.50+364.52) / 2$<br>$(3.49-3.25) \times (364.34+364.50) / 2$<br>$(2.40-3.49) \times (364.38+364.34) / 2$<br>$(1.13-2.40) \times (364.40+364.38) / 2$<br>$(-2.02-1.13) \times (364.04+364.40) / 2$<br>$(-3.28--2.02) \times (363.77+364.04) / 2$<br>$(-5.23--3.28) \times (362.37+363.77) / 2$<br>$(-6.13--5.23) \times (361.85+362.37) / 2$<br>$(-10.31--6.13) \times (359.42+361.85) / 2$<br>$(-13.00--10.31) \times (357.61+359.42) / 2$<br>$(-14.41--13.00) \times (357.09+357.61) / 2$<br>$(-14.59--14.41) \times (357.01+357.09) / 2$   | 804.95<br>3286.03<br>1184.66<br>1184.66<br>87.46<br>-397.15<br>-462.78<br>-1147.29<br>-458.52<br>-707.99<br>-325.90<br>-1507.45<br>-964.41<br>-503.86<br>-64.27                        | 1.02                 |      |  |
| Sez6<br>90.00       | B1   | $(-3.25--17.14) \times (363.63+354.46) / 2$<br>$(0.00--3.25) \times (363.65+363.63) / 2$<br>$(3.25-0.00) \times (363.63+363.65) / 2$<br>$(3.67-3.25) \times (363.35+363.63) / 2$<br>$(1.69-3.67) \times (363.34+363.35) / 2$<br>$(0.94-1.69) \times (363.37+363.34) / 2$<br>$(-1.15-0.94) \times (362.55+363.37) / 2$<br>$(-6.63--1.15) \times (359.86+362.55) / 2$<br>$(-6.72--6.63) \times (359.83+359.86) / 2$<br>$(-6.75--6.72) \times (359.80+359.83) / 2$<br>$(-6.89--6.75) \times (359.74+359.80) / 2$<br>$(-9.75--6.89) \times (358.53+359.74) / 2$<br>$(-11.09--9.75) \times (357.84+358.53) / 2$<br>$(-11.75--11.09) \times (357.34+357.84) / 2$<br>$(-15.51--11.75) \times (355.22+357.34) / 2$<br>$(-16.36--15.51) \times (354.74+355.22) / 2$<br>$(-17.14--16.36) \times (354.46+354.74) / 2$ | 4987.14<br>1181.83<br>1181.83<br>152.67<br>-719.42<br>-272.52<br>-758.59<br>-1979.40<br>-32.39<br>-10.79<br>-50.37<br>-1027.13<br>-479.97<br>-236.01<br>-1339.61<br>-301.73<br>-276.59 | 8.14                 |      |  |
| Sez7<br>120.00      | B1   | $(-3.25--3.46) \times (362.61+362.48) / 2$<br>$(0.00--3.25) \times (362.64+362.61) / 2$<br>$(0.94-0.00) \times (362.63+362.64) / 2$<br>$(0.86-0.94) \times (362.55+362.63) / 2$<br>$(-1.63-0.86) \times (362.59+362.55) / 2$<br>$(-2.26--1.63) \times (362.58+362.59) / 2$<br>$(-2.70--2.26) \times (362.56+362.58) / 2$<br>$(-3.46--2.70) \times (362.48+362.56) / 2$   | 76.13<br>1178.53<br>340.88<br>-29.01<br>-902.80<br>-228.43<br>-159.53<br>-275.52   | 18.95                |      |  |
| Sez8<br>140.00      | B1   | $(-3.25--3.45) \times (363.49+363.35) / 2$<br>$(0.00--3.25) \times (363.51+363.49) / 2$<br>$(1.32-0.00) \times (363.50+363.51) / 2$<br>$(1.03-1.32) \times (363.33+363.50) / 2$<br>$(0.03-1.03) \times (363.33+363.33) / 2$<br>$(-2.09-0.03) \times (363.30+363.33) / 2$<br>$(-3.20--2.09) \times (363.40+363.30) / 2$<br>$(-3.45--3.20) \times (363.35+363.40) / 2$   | 72.68<br>1181.38<br>479.83<br>-105.39<br>-363.33<br>-770.23<br>-403.32<br>-90.84   |                      | 0.25 |  |
| Sez9<br>159.97      | B1   | $(-3.25--5.53) \times (365.41+363.90) / 2$<br>$(0.00--3.25) \times (365.43+365.41) / 2$<br>$(3.25-0.00) \times (365.41+365.43) / 2$<br>$(3.32-3.25) \times (365.36+365.41) / 2$<br>$(2.86-3.32) \times (365.37+365.36) / 2$<br>$(1.80-2.86) \times (365.33+365.37) / 2$<br>$(1.36-1.80) \times (365.34+365.33) / 2$<br>$(0.14-1.36) \times (365.27+365.34) / 2$<br>$(-4.70-0.14) \times (364.08+365.27) / 2$<br>$(-5.53--4.70) \times (363.90+364.08) / 2$   | 831.41<br>1187.62<br>1187.62<br>25.58<br>-168.07<br>-387.27<br>-160.75<br>-445.67<br>-1765.03<br>-302.11   | 0.78                 |      |  |
| Sez10<br>171.00     | B1   | $(-3.25--3.49) \times (366.71+366.55) / 2$<br>$(0.00--3.25) \times (366.74+366.71) / 2$<br>$(0.98-0.00) \times (366.73+366.74) / 2$<br>$(0.60-0.98) \times (366.69+366.73) / 2$<br>$(-1.67-0.60) \times (366.57+366.69) / 2$<br>$(-3.49--1.67) \times (366.55+366.57) / 2$   | 87.99<br>1191.86<br>359.40<br>-139.35<br>-832.25<br>-667.14  |                      | 3.33 |  |
| Sez22<br>351.51     | B1   | $(-3.25--3.66) \times (393.80+393.53) / 2$<br>$(-3.07--3.25) \times (393.81+393.80) / 2$<br>$(-3.66--3.07) \times (393.53+393.81) / 2$   | 161.40<br>70.88<br>-232.27   | 0.51                 |      |  |
| Sez27<br>390.93     | B1   | $(-3.25--4.55) \times (393.23+392.37) / 2$<br>$(0.00--3.25) \times (393.25+393.23) / 2$<br>$(0.79-0.00) \times (393.24+393.25) / 2$<br>$(0.71-0.79) \times (393.24+393.24) / 2$<br>$(0.33-0.71) \times (393.23+393.24) / 2$<br>$(-1.37-0.33) \times (393.15+393.23) / 2$<br>$(-1.71--1.37) \times (393.13+393.15) / 2$<br>$(-4.32--1.71) \times (392.41+393.13) / 2$<br>$(-4.55--4.32) \times (392.37+392.41) / 2$   | 510.64<br>1278.03<br>310.66<br>-31.46<br>-149.43<br>-668.42<br>-133.67<br>-1025.13<br>-90.25   | 0.01                 |      |  |
| Sez28<br>396.00     | B1   | $(-3.25--6.74) \times (393.35+391.05) / 2$<br>$(0.00--3.25) \times (393.37+393.35) / 2$<br>$(3.06-0.00) \times (393.35+393.37) / 2$<br>$(1.31-3.06) \times (393.28+393.35) / 2$<br>$(1.05-1.31) \times (393.28+393.28) / 2$<br>$(-0.79-1.05) \times (392.92+393.28) / 2$<br>$(-3.97--0.79) \times (392.35+392.92) / 2$<br>$(-5.26--3.97) \times (391.66+392.35) / 2$<br>$(-6.59--5.26) \times (391.08+391.66) / 2$<br>$(-6.74--6.59) \times (391.05+391.08) / 2$   | 1368.78<br>1278.42<br>1203.68<br>-688.30<br>-102.25<br>-723.30<br>-1248.58<br>-505.69<br>-520.52<br>-58.66   | 0.97                 |      |  |
| Sez29<br>404.59     | B1   | $(-3.25--5.99) \times (393.84+392.04) / 2$<br>$(0.00--3.25) \times (393.87+393.84) / 2$<br>$(2.50-0.00) \times (393.85+393.87) / 2$<br>$(2.47-2.50) \times (393.84+393.85) / 2$  | 1076.66<br>1280.03<br>984.65<br>-11.82   | 3.58                 |      |  |
| A RIPORTARE mq      |      |  | 3329.52  |                      |      |  |

|                         |      | CALCOLO DELLE AREE   | Foglio n. 9  |                |      |
|-------------------------|------|--|--|----------------|------|
| Riporto                 |      |  |  |                |      |
| N. SEZIONE PROG.        | FIG. | ELEMENTI DI CALCOLO  | AREA ELEMENTARE mq   | AREA FIGURA mq | NOTE |
| RIPORTO mq              |      |  | 3329.52  |                |      |
| Sez34<br>510.00         | B1   | (0.16-2.47)x(393.85+393.84)/2<br>(-0.74-0.16)x(393.86+393.85)/2<br>(-2.18--0.74)x(393.43+393.86)/2<br>(-5.99--2.18)x(392.04+393.43)/2<br>(-3.25--3.90)x(396.74+396.31)/2<br>(-3.05--3.25)x(396.74+396.74)/2<br>(-3.50--3.05)x(396.47+396.74)/2<br>(-3.90--3.50)x(396.31+396.47)/2  | -909.78<br>-354.47<br>-566.85<br>-1496.32<br>257.74<br>79.35<br>-178.47<br>-158.56                       | 2.10           |      |
| Sez35<br>530.00         | B1   | (-3.25--3.95)x(396.76+396.30)/2<br>(-3.04--3.25)x(396.77+396.76)/2<br>(-3.95--3.04)x(396.30+396.77)/2  | 277.57<br>83.32<br>-360.85   | 0.06           |      |
| Sez36<br>551.32         | B1   | (-3.25--3.69)x(396.80+396.51)/2<br>(0.00--3.25)x(396.82+396.80)/2<br>(1.96-0.00)x(396.81+396.82)/2<br>(1.65-1.96)x(396.72+396.81)/2<br>(1.28-1.65)x(396.65+396.72)/2<br>(-1.17-1.28)x(396.67+396.65)/2<br>(-2.02--1.17)x(396.66+396.67)/2<br>(-3.69--2.02)x(396.51+396.66)/2   | 174.53<br>1289.63<br>777.76<br>-123.00<br>-146.77<br>-971.82<br>-337.17<br>-662.30                       | 0.04           |      |
| Sez37<br>564.07         | B1   | (-3.25--4.68)x(397.31+396.36)/2<br>(0.00--3.25)x(397.33+397.31)/2<br>(3.25-0.00)x(397.31+397.33)/2<br>(4.17-3.25)x(396.70+397.31)/2<br>(3.92-4.17)x(396.69+396.70)/2<br>(2.68-3.92)x(396.69+396.69)/2<br>(1.69-2.68)x(396.76+396.69)/2<br>(1.64-1.69)x(396.76+396.76)/2<br>(-1.57-1.64)x(396.84+396.76)/2<br>(-4.68--1.57)x(396.36+396.84)/2 | 567.47<br>1291.29<br>1291.29<br>365.24<br>-99.17<br>-491.90<br>-392.76<br>-19.84<br>-1273.73<br>-1233.43 | 4.46           |      |
| Sez38<br>576.81         | B1   | (-3.25--5.10)x(398.64+397.42)/2<br>(0.00--3.25)x(398.66+398.64)/2<br>(2.56-0.00)x(398.64+398.66)/2<br>(2.44-2.56)x(398.59+398.64)/2<br>(1.19-2.44)x(398.54+398.59)/2<br>(-0.84-1.19)x(398.51+398.54)/2<br>(-4.75--0.84)x(397.49+398.51)/2<br>(-5.10--4.75)x(397.42+397.49)/2   | 736.36<br>1295.61<br>1020.54<br>-47.83<br>-498.21<br>-809.01<br>-1556.18<br>-139.11                      | 2.17           |      |
| Sez39<br>600.00         | B1   | (-3.25--3.63)x(401.70+401.45)/2<br>(-1.91--3.25)x(401.71+401.70)/2<br>(-2.92--1.91)x(401.60+401.71)/2<br>(-3.63--2.92)x(401.45+401.60)/2   | 152.60<br>538.28<br>-405.67<br>-285.08   | 0.13           |      |
| Sez44<br>663.99         | B1   | (-3.25--4.29)x(401.15+400.46)/2<br>(-1.67--3.25)x(401.16+401.15)/2<br>(-3.97--1.67)x(400.52+401.16)/2<br>(-4.29--3.97)x(400.46+400.52)/2   | 416.84<br>633.82<br>-921.93<br>-128.16   | 0.57           |      |
| Sez45<br>667.98         | B1   | (-3.25--4.74)x(400.95+399.96)/2<br>(-1.29--3.25)x(400.96+400.95)/2<br>(-4.54--1.29)x(400.01+400.96)/2<br>(-4.74--4.54)x(399.96+400.01)/2   | 596.68<br>785.87<br>-1301.58<br>-80.00   | 0.97           |      |
| Sez46<br>671.97         | B1   | (-3.25--4.40)x(400.82+400.06)/2<br>(-1.14--3.25)x(400.84+400.82)/2<br>(-3.98--1.14)x(400.13+400.84)/2<br>(-4.40--3.98)x(400.06+400.13)/2   | 460.51<br>845.75<br>-1137.38<br>-168.04  | 0.84           |      |
| Sez46<br>671.97         | B2   | (2.28-1.26)x(400.83+400.83)/2<br>(2.15-2.28)x(400.81+400.83)/2<br>(1.26-2.15)x(400.83+400.81)/2  | 408.85<br>-52.11<br>-356.73  | 0.01           |      |
| Sez48<br>707.00         | B1   | (-3.25--6.09)x(399.88+398.01)/2<br>(0.00--3.25)x(399.91+399.88)/2<br>(0.67-0.00)x(399.90+399.91)/2<br>(-1.87-0.67)x(398.79+399.90)/2<br>(-3.11--1.87)x(398.47+398.79)/2<br>(-4.18--3.11)x(398.25+398.47)/2<br>(-5.89--4.18)x(397.96+398.25)/2<br>(-6.09--5.89)x(398.01+397.96)/2   | 1133.00<br>1299.66<br>267.94<br>-1014.34<br>-494.30<br>-426.25<br>-680.76<br>-79.60                      | 5.35           |      |
| Sez49<br>721.85         | B1   | (-3.25--4.72)x(399.97+398.99)/2<br>(0.00--3.25)x(399.99+399.97)/2<br>(1.43-0.00)x(399.98+399.99)/2<br>(0.92-1.43)x(399.88+399.98)/2<br>(-2.63-0.92)x(399.47+399.88)/2<br>(-4.17--2.63)x(399.11+399.47)/2<br>(-4.72--4.17)x(398.99+399.11)/2  | 587.24<br>1299.93<br>571.98<br>-203.96<br>-1418.85<br>-614.91<br>-219.48                                 | 1.95           |      |
| Sez52<br>770.05         | B1   | (-3.25--4.04)x(396.91+396.39)/2<br>(-1.79--3.25)x(396.92+396.91)/2<br>(-2.90--1.79)x(396.73+396.92)/2<br>(-4.04--2.90)x(396.39+396.73)/2   | 313.35<br>579.50<br>-440.48<br>-452.08   | 0.29           |      |
| Il Direttore dei Lavori |      | L'Impresa  |  |                |      |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                        |                      | COMPUTO DEI VOLUMI |                |                        |                          | Foglio n. 10                |                          |                        |         |
|------------------------|----------------------|--------------------|----------------|------------------------|--------------------------|-----------------------------|--------------------------|------------------------|---------|
| Sterro                 |                      |                    |                |                        |                          |                             |                          |                        |         |
| DALLA SEZ.<br>DA PROG. | ALLA SEZ.<br>A PROG. | SEZIONE            | FIGURA         | AREA                   | DISTANZA<br>SEZIONI<br>m | DISTANZA<br>DI CALCOLO<br>m | VOLUME<br>PARZIALE<br>mc | VOLUME<br>TOTALE<br>mc |         |
| Sez1<br>0.00           | Sez2<br>20.00        | Sez1<br>Sez2       | A1<br>A1       | 2.11<br>8.93           | 20.00<br>20.00           | 10.00<br>10.00              | 21.10<br>89.30           |                        | 110.40  |
| Sez2<br>20.00          | Sez3<br>38.04        | Sez2<br>Sez3       | A1<br>A1       | 8.93<br>37.97          | 18.04<br>18.04           | 9.02<br>9.02                | 80.55<br>342.49          |                        | 423.04  |
| Sez3<br>38.04          | Sez4<br>56.00        | Sez3<br>Sez4       | A1<br>A1       | 37.97<br>0.17          | 17.96<br>17.96           | 8.98<br>8.98                | 340.97<br>1.53           |                        | 342.50  |
| Sez4                   | Sez5                 | Sez4               | A1             | 0.17                   | 17.78                    | 8.89                        | 1.51                     |                        | 1.51    |
| Sez6                   | Sez7                 | Sez7               | A1             | 114.46                 | 30.00                    | 15.00                       | 1716.90                  |                        | 1716.90 |
| Sez7<br>120.00         | Sez8<br>140.00       | Sez7<br>Sez8       | A1<br>A1       | 114.46<br>36.40        | 20.00<br>20.00           | 10.00<br>10.00              | 1144.60<br>364.00        |                        | 1508.60 |
| Sez8                   | Sez9                 | Sez8               | A1             | 36.40                  | 19.97                    | 9.98                        | 363.27                   |                        | 363.27  |
| Sez9                   | Sez10                | Sez10              | A1             | 0.04                   | 11.03                    | 5.52                        | 0.22                     |                        | 0.22    |
| Sez10<br>171.00        | Sez11<br>182.77      | Sez10<br>Sez11     | A1<br>A1       | 0.04<br>3.66           | 11.77<br>11.77           | 5.89<br>5.89                | 0.24<br>21.56            |                        | 21.80   |
| Sez11<br>182.77        | Sez12<br>194.00      | Sez11<br>Sez12     | A1<br>A1       | 3.66<br>9.30           | 11.23<br>11.23           | 5.61<br>5.61                | 20.53<br>52.17           |                        | 72.70   |
| Sez12<br>194.00        | Sez13<br>205.58      | Sez12<br>Sez13     | A1<br>A1       | 9.30<br>26.00          | 11.58<br>11.58           | 5.79<br>5.79                | 53.85<br>150.54          |                        | 204.39  |
| Sez13<br>205.58        | Sez14<br>233.00      | Sez13<br>Sez14     | A1<br>A1       | 26.00<br>17.64         | 27.42<br>27.42           | 13.71<br>13.71              | 356.46<br>241.84         |                        | 598.30  |
| Sez14<br>233.00        | Sez15<br>262.54      | Sez14<br>Sez15     | A1<br>A1       | 17.64<br>9.43          | 29.54<br>29.54           | 14.77<br>14.77              | 260.54<br>139.28         |                        | 399.82  |
| Sez15<br>262.54        | Sez16<br>271.72      | Sez15<br>Sez16     | A1<br>A1       | 9.43<br>10.23          | 9.18<br>9.18             | 4.59<br>4.59                | 43.28<br>46.96           |                        | 90.24   |
| Sez16<br>271.72        | Sez17<br>280.90      | Sez16<br>Sez17     | A1<br>A1       | 10.23<br>9.62          | 9.18<br>9.18             | 4.59<br>4.59                | 46.96<br>44.16           |                        | 91.12   |
| Sez17<br>280.90        | Sez18<br>300.29      | Sez17<br>Sez18     | A1<br>A1       | 9.62<br>3.43           | 19.39<br>19.39           | 9.70<br>9.70                | 93.31<br>33.27           |                        | 126.58  |
| Sez18<br>300.29        | Sez19<br>310.47      | Sez18<br>Sez19     | A1<br>A1       | 3.43<br>0.62           | 10.18<br>10.18           | 5.09<br>5.09                | 17.46<br>3.16            |                        | 20.62   |
| Sez19<br>310.47        | Sez20<br>320.66      | Sez19<br>Sez20     | A1<br>A1       | 0.62<br>124.71         | 10.19<br>10.19           | 5.09<br>5.09                | 3.16<br>634.77           |                        | 637.93  |
| Sez20<br>320.66        | Sez21<br>330.00      | Sez20<br>Sez21     | A1<br>A1       | 124.71<br>199.84       | 9.34<br>9.34             | 4.67<br>4.67                | 582.40<br>933.25         |                        | 1515.65 |
| Sez21<br>330.00        | Sez22<br>351.51      | Sez21<br>Sez22     | A1<br>A1       | 199.84<br>101.93       | 21.51<br>21.51           | 10.75<br>10.75              | 2148.28<br>1095.75       |                        | 3244.03 |
| Sez22<br>351.51        | Sez23<br>358.93      | Sez22<br>Sez23     | A1<br>A1       | 101.93<br>114.85       | 7.42<br>7.42             | 3.71<br>3.71                | 378.16<br>426.09         |                        | 804.25  |
| Sez23<br>358.93        | Sez24<br>366.35      | Sez23<br>Sez24     | A1<br>A1       | 114.85<br>134.46       | 7.42<br>7.42             | 3.71<br>3.71                | 426.09<br>498.85         |                        | 924.94  |
| Sez24<br>366.35        | Sez25<br>377.27      | Sez24<br>Sez25     | A1<br>A1       | 134.46<br>172.51       | 10.92<br>10.92           | 5.46<br>5.46                | 734.15<br>941.90         |                        | 1676.05 |
| Sez25<br>377.27        | Sez26<br>383.00      | Sez25<br>Sez26     | A1<br>A1       | 172.51<br>24.47        | 5.73<br>5.73             | 2.87<br>2.87                | 495.10<br>70.23          |                        | 565.33  |
| Sez26<br>383.00        | Sez27<br>390.93      | Sez26<br>Sez27     | A1<br>A1       | 24.47<br>0.10          | 7.93<br>7.93             | 3.97<br>3.97                | 97.15<br>0.40            |                        | 97.55   |
| Sez27                  | Sez28                | Sez27              | A1             | 0.10                   | 5.07                     | 2.53                        | 0.25                     |                        | 0.25    |
| Sez28                  | Sez29                | Sez29              | A1             | 0.13                   | 8.59                     | 4.29                        | 0.56                     |                        | 0.56    |
| Sez29<br>404.59        | Sez30<br>426.00      | Sez29<br>Sez30     | A1<br>A1       | 0.13<br>93.91          | 21.41<br>21.41           | 10.71<br>10.71              | 1.39<br>1005.78          |                        | 1007.17 |
| Sez30<br>426.00        | Sez31<br>449.36      | Sez30<br>Sez31     | A1<br>A1       | 93.91<br>3.84          | 23.36<br>23.36           | 11.68<br>11.68              | 1096.87<br>44.85         |                        | 1141.72 |
| Sez31<br>449.36        | Sez32<br>466.74      | Sez31<br>Sez32     | A1<br>A1       | 3.84<br>7.00           | 17.38<br>17.38           | 8.69<br>8.69                | 33.37<br>60.83           |                        | 94.20   |
| Sez32<br>466.74        | Sez33<br>480.00      | Sez32<br>Sez33     | A1<br>A1       | 7.00<br>1.65           | 13.26<br>13.26           | 6.63<br>6.63                | 46.41<br>10.94           |                        | 57.35   |
| Sez33<br>480.00        | Sez34<br>510.00      | Sez33<br>Sez34     | A1<br>A1       | 1.65<br>15.93          | 30.00<br>30.00           | 15.00<br>15.00              | 24.75<br>238.95          |                        | 263.70  |
| Sez34<br>510.00        | Sez35<br>530.00      | Sez34<br>Sez35     | A1<br>A2       | 15.93<br>0.12<br>12.37 | 20.00<br>20.00<br>20.00  | 10.00<br>10.00<br>10.00     | 159.30<br>1.20<br>123.70 |                        | 284.20  |
| Sez35<br>530.00        | Sez36<br>551.32      | Sez35<br>Sez36     | A1<br>A2<br>A1 | 0.12<br>12.37<br>1.93  | 21.32<br>21.32<br>21.32  | 10.66<br>10.66<br>10.66     | 1.28<br>131.86<br>20.57  |                        | 153.71  |
| Sez36                  | Sez37                | Sez36              | A1             | 1.93                   | 12.75                    | 6.38                        | 12.31                    |                        | 12.31   |
| Sez37                  | Sez38                | Sez38              | A1             | 0.10                   | 12.74                    | 6.37                        | 0.64                     |                        | 0.64    |
| Sez38<br>576.81        | Sez39<br>600.00      | Sez38<br>Sez39     | A1<br>A1       | 0.10<br>0.70           | 23.19<br>23.19           | 11.60<br>11.60              | 1.16<br>8.12             |                        | 9.28    |
| Sez39<br>600.00        | Sez40<br>619.82      | Sez39<br>Sez40     | A1<br>A1       | 0.70<br>2.68           | 19.82<br>19.82           | 9.91<br>9.91                | 6.94<br>26.56            |                        |         |
|                        |                      |                    |                |                        |                          |                             | 33.50                    | 18582.83               |         |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                         |                      | COMPUTO DEI VOLUMI      |                |                       | Foglio n. 11             |                             |                          |                        |
|-------------------------|----------------------|-------------------------|----------------|-----------------------|--------------------------|-----------------------------|--------------------------|------------------------|
| Sterro                  |                      |                         |                |                       |                          |                             |                          |                        |
| DALLA SEZ.<br>DA PROG.  | ALLA SEZ.<br>A PROG. | SEZIONE                 | FIGURA         | AREA                  | DISTANZA<br>SEZIONI<br>m | DISTANZA<br>DI CALCOLO<br>m | VOLUME<br>PARZIALE<br>mc | VOLUME<br>TOTALE<br>mc |
| A RIPORTARE mc          |                      |                         |                |                       |                          |                             | 33.50                    | 18582.83               |
| Sez40<br>619.82         | Sez41<br>624.61      | Sez40<br>Sez41          | A1<br>A1       | 2.68<br>3.15          | 4.79<br>4.79             | 2.39<br>2.39                | 6.41<br>7.53             | 33.50                  |
| Sez41<br>624.61         | Sez42<br>629.41      | Sez41<br>Sez42          | A1<br>A1       | 3.15<br>2.78          | 4.80<br>4.80             | 2.40<br>2.40                | 7.56<br>6.67             | 13.94                  |
| Sez42<br>629.41         | Sez43<br>646.00      | Sez42<br>Sez43          | A1<br>A1       | 2.78<br>2.74          | 16.59<br>16.59           | 8.30<br>8.30                | 23.07<br>22.74           | 14.23                  |
| Sez43<br>646.00         | Sez44<br>663.99      | Sez43<br>Sez44          | A1<br>A1       | 2.74<br>1.00          | 17.99<br>17.99           | 9.00<br>9.00                | 24.66<br>9.00            | 45.81                  |
| Sez44<br>663.99         | Sez45<br>667.98      | Sez44<br>Sez45          | A1<br>A1       | 1.00<br>0.56          | 3.99<br>3.99             | 2.00<br>2.00                | 2.00<br>1.12             | 33.66                  |
| Sez45<br>667.98         | Sez46<br>671.97      | Sez45<br>Sez46<br>Sez46 | A1<br>A1<br>A2 | 0.56<br>0.07<br>0.10  | 3.99<br>3.99<br>3.99     | 2.00<br>2.00<br>2.00        | 1.12<br>0.14<br>0.20     | 3.12                   |
| Sez46<br>671.97         | Sez47<br>693.36      | Sez46<br>Sez46<br>Sez47 | A1<br>A2<br>A1 | 0.07<br>0.10<br>0.39  | 21.39<br>21.39<br>21.39  | 10.69<br>10.69<br>10.69     | 0.75<br>1.07<br>4.17     | 1.46                   |
| Sez47<br>693.36         | Sez48<br>707.00      | Sez47<br>Sez48          | A1<br>A1       | 0.39<br>0.32          | 13.64<br>13.64           | 6.82<br>6.82                | 2.66<br>2.18             | 5.99                   |
| Sez48<br>707.00         | Sez49<br>721.85      | Sez48<br>Sez49          | A1<br>A1       | 0.32<br>0.44          | 14.85<br>14.85           | 7.43<br>7.43                | 2.38<br>3.27             | 4.84                   |
| Sez49<br>721.85         | Sez50<br>735.00      | Sez49<br>Sez50          | A1<br>A1       | 0.44<br>1.66          | 13.15<br>13.15           | 6.57<br>6.57                | 2.89<br>10.91            | 5.65                   |
| Sez50<br>735.00         | Sez51<br>750.33      | Sez50<br>Sez51          | A1<br>A1       | 1.66<br>10.90         | 15.33<br>15.33           | 7.67<br>7.67                | 12.73<br>83.60           | 13.80                  |
| Sez51<br>750.33         | Sez52<br>770.05      | Sez51<br>Sez52<br>Sez52 | A1<br>A1<br>A2 | 10.90<br>0.02<br>0.35 | 19.72<br>19.72<br>19.72  | 9.86<br>9.86<br>9.86        | 107.47<br>0.20<br>3.45   | 96.33                  |
|                         |                      |                         |                |                       |                          |                             |                          | 111.12                 |
| Il Direttore dei Lavori |                      | L'Impresa               |                |                       | TOTALE ARTICOLO          |                             |                          | 18966.28               |

## 6.d - Calcolo volumi sterro e riporto tracciato 6

|                         |                      | COMPUTO DEI VOLUMI |        |       |                          |                             | Foglio n. 12             |                        |
|-------------------------|----------------------|--------------------|--------|-------|--------------------------|-----------------------------|--------------------------|------------------------|
| Riporto                 |                      |                    |        |       |                          |                             |                          |                        |
| DALLA SEZ.<br>DA PROG.  | ALLA SEZ.<br>A PROG. | SEZIONE            | FIGURA | AREA  | DISTANZA<br>SEZIONI<br>m | DISTANZA<br>DI CALCOLO<br>m | VOLUME<br>PARZIALE<br>mc | VOLUME<br>TOTALE<br>mc |
| Sez3                    | Sez4                 | Sez4               | B1     | 1.02  | 17.96                    | 8.98                        | 9.16                     | 9.16                   |
| Sez4                    | Sez5                 | Sez4               | B1     | 1.02  | 17.78                    | 8.89                        | 9.07                     |                        |
| 56.00                   | 73.78                | Sez5               | B1     | 8.14  | 17.78                    | 8.89                        | 72.36                    | 81.43                  |
| Sez5                    | Sez6                 | Sez5               | B1     | 8.14  | 16.22                    | 8.11                        | 66.02                    |                        |
| 73.78                   | 90.00                | Sez6               | B1     | 18.95 | 16.22                    | 8.11                        | 153.68                   | 219.70                 |
| Sez6                    | Sez7                 | Sez6               | B1     | 18.95 | 30.00                    | 15.00                       | 284.25                   |                        |
| 90.00                   | 120.00               | Sez7               | B1     | 0.25  | 30.00                    | 15.00                       | 3.75                     | 288.00                 |
| Sez7                    | Sez8                 | Sez7               | B1     | 0.25  | 20.00                    | 10.00                       | 2.50                     |                        |
| 120.00                  | 140.00               | Sez8               | B1     | 0.78  | 20.00                    | 10.00                       | 7.80                     | 10.30                  |
| Sez8                    | Sez9                 | Sez8               | B1     | 0.78  | 19.97                    | 9.98                        | 7.78                     |                        |
| 140.00                  | 159.97               | Sez9               | B1     | 3.33  | 19.97                    | 9.98                        | 33.23                    | 41.01                  |
| Sez9                    | Sez10                | Sez9               | B1     | 3.33  | 11.03                    | 5.52                        | 18.38                    |                        |
| 159.97                  | 171.00               | Sez10              | B1     | 0.51  | 11.03                    | 5.52                        | 2.82                     | 21.20                  |
| Sez10                   | Sez11                | Sez10              | B1     | 0.51  | 11.77                    | 5.89                        | 3.00                     | 3.00                   |
| Sez21                   | Sez22                | Sez22              | B1     | 0.01  | 21.51                    | 10.75                       | 0.11                     | 0.11                   |
| Sez22                   | Sez23                | Sez22              | B1     | 0.01  | 7.42                     | 3.71                        | 0.04                     | 0.04                   |
| Sez26                   | Sez27                | Sez27              | B1     | 0.97  | 7.93                     | 3.97                        | 3.85                     | 3.85                   |
| Sez27                   | Sez28                | Sez27              | B1     | 0.97  | 5.07                     | 2.53                        | 2.45                     |                        |
| 390.93                  | 396.00               | Sez28              | B1     | 3.58  | 5.07                     | 2.53                        | 9.06                     | 11.51                  |
| Sez28                   | Sez29                | Sez28              | B1     | 3.58  | 8.59                     | 4.29                        | 15.36                    |                        |
| 396.00                  | 404.59               | Sez29              | B1     | 2.10  | 8.59                     | 4.29                        | 9.01                     | 24.37                  |
| Sez29                   | Sez30                | Sez29              | B1     | 2.10  | 21.41                    | 10.71                       | 22.49                    | 22.49                  |
| Sez33                   | Sez34                | Sez34              | B1     | 0.06  | 30.00                    | 15.00                       | 0.90                     | 0.90                   |
| Sez34                   | Sez35                | Sez34              | B1     | 0.06  | 20.00                    | 10.00                       | 0.60                     |                        |
| 510.00                  | 530.00               | Sez35              | B1     | 0.04  | 20.00                    | 10.00                       | 0.40                     | 1.00                   |
| Sez35                   | Sez36                | Sez35              | B1     | 0.04  | 21.32                    | 10.66                       | 0.43                     |                        |
| 530.00                  | 551.32               | Sez36              | B1     | 0.86  | 21.32                    | 10.66                       | 9.17                     | 9.60                   |
| Sez36                   | Sez37                | Sez36              | B1     | 0.86  | 12.75                    | 6.38                        | 5.49                     |                        |
| 551.32                  | 564.07               | Sez37              | B1     | 4.46  | 12.75                    | 6.38                        | 28.45                    | 33.94                  |
| Sez37                   | Sez38                | Sez37              | B1     | 4.46  | 12.74                    | 6.37                        | 28.41                    |                        |
| 564.07                  | 576.81               | Sez38              | B1     | 2.17  | 12.74                    | 6.37                        | 13.82                    | 42.23                  |
| Sez38                   | Sez39                | Sez38              | B1     | 2.17  | 23.19                    | 11.60                       | 25.17                    |                        |
| 576.81                  | 600.00               | Sez39              | B1     | 0.13  | 23.19                    | 11.60                       | 1.51                     | 26.68                  |
| Sez39                   | Sez40                | Sez39              | B1     | 0.13  | 19.82                    | 9.91                        | 1.29                     | 1.29                   |
| Sez43                   | Sez44                | Sez44              | B1     | 0.57  | 17.99                    | 9.00                        | 5.13                     | 5.13                   |
| Sez44                   | Sez45                | Sez44              | B1     | 0.57  | 3.99                     | 2.00                        | 1.14                     |                        |
| 663.99                  | 667.98               | Sez45              | B1     | 0.97  | 3.99                     | 2.00                        | 1.94                     | 3.08                   |
| Sez45                   | Sez46                | Sez45              | B1     | 0.97  | 3.99                     | 2.00                        | 1.94                     |                        |
| 667.98                  | 671.97               | Sez46              | B1     | 0.84  | 3.99                     | 2.00                        | 1.68                     | 3.64                   |
| Sez46                   | Sez47                | Sez46              | B1     | 0.84  | 21.39                    | 10.69                       | 8.98                     |                        |
| 671.97                  | 693.36               | Sez46              | B2     | 0.01  | 21.39                    | 10.69                       | 0.11                     | 9.09                   |
| Sez47                   | Sez48                | Sez48              | B1     | 5.35  | 13.64                    | 6.82                        | 36.49                    | 36.49                  |
| Sez48                   | Sez49                | Sez48              | B1     | 5.35  | 14.85                    | 7.43                        | 39.75                    |                        |
| 707.00                  | 721.85               | Sez49              | B1     | 1.95  | 14.85                    | 7.43                        | 14.49                    | 54.24                  |
| Sez49                   | Sez50                | Sez49              | B1     | 1.95  | 13.15                    | 6.57                        | 12.81                    | 12.81                  |
| Sez51                   | Sez52                | Sez52              | B1     | 0.29  | 19.72                    | 9.86                        | 2.86                     | 2.86                   |
|                         |                      |                    |        |       |                          |                             |                          |                        |
| Il Direttore dei Lavori |                      | L'Impresa          |        |       | TOTALE ARTICOLO          |                             | 979.15                   |                        |

| COMPUTO DEI VOLUMI                           |         | Foglio n. 13 |          |
|--|---------|--------------|----------|
| Volume dalla sezione Sez1 alla sezione Sez52 |         |              |          |
| ARTICOLO                                     |         |              | VOLUME   |
| A  | Sterro  | mc           | 18966.28 |
| B  | Riporto | mc           | 979.15   |