



REGIONE BASILICATA



PROVINCIA DI MATERA



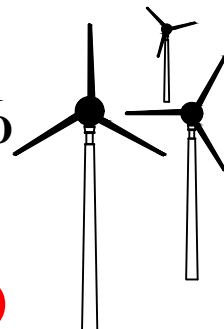
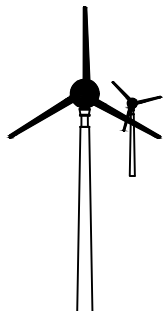
COMUNE DI
SALANDRA



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:



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PROGETTISTI:



PD

PROGETTO DEFINITIVO

ELABORATO:

CALCOLO VOLUMI STERRO E RIPORTO TRACCIATO 3

Tavola:

SAL-PDEF-TAV-004e

Filename:

Data 1° emissione:

Redatto:

Verificato:

Approvato:

Scala:

Protocollo:

n° revisione

1
2
3
4

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE	Foglio n. 1		
Sterro					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
P4 0.00	A1	(-30.33--31.08)x(448.80+448.76)/2 (-26.81--30.33)x(448.59+448.80)/2 (-22.64--26.81)x(448.61+448.59)/2 (-19.22--22.64)x(448.33+448.61)/2 (-9.52--19.22)x(447.63+448.33)/2 (-10.82--9.52)x(446.77+447.63)/2 (-28.06--10.82)x(446.77+446.77)/2 (-31.08--28.06)x(448.76+446.77)/2	336.58 1579.41 1870.66 1533.77 4345.41 -581.36 -7702.31 -1352.25	29.91	
Sez2 21.00	A1	(-15.81--23.01)x(423.84+426.28)/2 (-12.86--15.81)x(422.64+423.84)/2 (-11.84--12.86)x(421.90+422.64)/2 (-9.06--11.84)x(421.12+421.90)/2 (-7.76--9.06)x(419.75+421.12)/2 (-4.04--7.76)x(415.64+419.75)/2 (-1.69--4.04)x(415.67+415.64)/2 (-0.94--1.69)x(415.64+415.67)/2 (-0.84--0.94)x(415.66+415.64)/2 (4.70--0.84)x(415.18+415.66)/2 (3.25-4.70)x(414.22+415.18)/2 (0.00-3.25)x(414.24+414.22)/2 (-3.25-0.00)x(414.22+414.24)/2 (-12.34--3.25)x(420.22+414.22)/2 (-13.84--12.34)x(420.22+420.22)/2 (-16.87--13.84)x(422.22+420.22)/2 (-18.24--16.87)x(423.12+422.22)/2 (-23.01--18.24)x(426.28+423.12)/2	3060.43 1248.56 430.72 1171.80 546.57 1553.83 976.79 311.74 41.56 2301.43 -601.32 -1346.25 -1346.25 -3792.53 -630.33 -1276.30 -579.06 -2025.82		
Sez3 42.96	A1	(-8.28--19.99)x(421.12+424.68)/2 (-5.97--8.28)x(419.69+421.12)/2 (-4.67--5.97)x(418.88+419.69)/2 (-3.40--4.67)x(417.87+418.88)/2 (-1.65--3.40)x(416.10+417.87)/2 (-0.68--1.65)x(416.01+416.10)/2 (0.93--0.68)x(415.97+416.01)/2 (4.55-0.93)x(415.88+415.97)/2 (5.01-4.55)x(415.84+415.88)/2 (5.08-5.01)x(415.83+415.84)/2 (3.25-5.08)x(414.62+415.83)/2 (0.00-3.25)x(414.65+414.62)/2 (-3.25-0.00)x(414.62+414.65)/2 (-12.34--3.25)x(420.63+414.62)/2 (-13.84--12.34)x(420.62+420.63)/2 (-16.87--13.84)x(422.62+420.62)/2 (-18.24--16.87)x(423.53+422.62)/2 (-19.99--18.24)x(424.68+423.53)/2	4952.16 971.14 545.07 531.34 729.72 403.57 669.74 1505.65 191.30 29.11 -759.86 -1347.56 -1347.56 -3796.21 -630.94 -1277.51 -579.61 -742.18	45.57	
Sez4 60.00	A1	(-6.09--7.59)x(417.22+417.81)/2 (-3.24--6.09)x(415.43+417.22)/2 (-2.33--3.24)x(415.19+415.43)/2 (-0.12--2.33)x(415.10+415.19)/2 (0.57--0.12)x(415.09+415.10)/2 (1.13-0.57)x(415.03+415.09)/2 (2.03-1.13)x(414.95+415.03)/2 (0.00-2.03)x(414.96+414.95)/2 (-3.25-0.00)x(414.94+414.96)/2 (-7.59--3.25)x(417.81+414.94)/2	626.27 1186.53 377.93 917.47 286.42 232.43 373.49 -842.36 -1348.59 -1807.07		
Sez5 71.28	A1	(-2.82--3.98)x(415.15+415.63)/2 (-3.25--2.82)x(415.15+415.15)/2 (-3.98--3.25)x(415.63+415.15)/2	481.85 -178.51 -303.23	2.52	
Sez6 85.00	A1	(-6.07--6.70)x(417.66+417.67)/2 (-4.17--6.07)x(417.11+417.66)/2 (-2.54--4.17)x(415.99+417.11)/2 (-1.81--2.54)x(415.41+415.99)/2 (-3.25--1.81)x(415.40+415.41)/2 (-6.70--3.25)x(417.67+415.40)/2	263.13 793.03 678.98 303.46 -598.18 -1437.05	0.11	
Sez7 99.59	A1	(-3.64--7.30)x(416.34+418.34)/2 (-2.58--3.64)x(415.68+416.34)/2 (-3.25--2.58)x(415.67+415.68)/2 (-7.30--3.25)x(418.34+415.67)/2	1527.46 440.97 -278.50 -1688.87	3.37	
Sez8 112.25	A1	(-18.70--23.75)x(426.26+427.58)/2 (-17.00--18.70)x(424.79+426.26)/2 (-16.42--17.00)x(424.54+424.79)/2 (-9.55--16.42)x(421.03+424.54)/2 (-8.93--9.55)x(420.53+421.03)/2 (-4.89--8.93)x(417.83+420.53)/2 (-3.11--4.89)x(416.25+417.83)/2 (-2.51--3.11)x(416.04+416.25)/2 (-3.25--2.51)x(416.03+416.04)/2 (-9.31--3.25)x(420.03+416.03)/2 (-10.81--9.31)x(420.03+420.03)/2 (-16.87--10.81)x(424.03+420.03)/2 (-18.37--16.87)x(424.03+424.03)/2 (-23.75--18.37)x(427.58+424.03)/2	2155.95 723.39 246.31 2904.53 260.88 1693.49 742.33 249.69 -307.87 -2533.26 -630.04 -2557.50 -636.04 -2290.83	1.06	
Sez8 112.25	A2	(2.02-1.57)x(416.65+416.04)/2 (2.89-2.02)x(416.57+416.65)/2 (4.22-2.89)x(416.67+416.57)/2 (3.25-4.22)x(416.03+416.67)/2 (1.57-3.25)x(416.04+416.03)/2	187.36 362.45 554.10 -403.86 -698.94	21.03	
Sez9 140.00	A1	(-19.63--20.18)x(428.09+428.36)/2 (-19.50--19.63)x(428.04+428.09)/2 (-18.77--19.50)x(427.74+428.04)/2 (-9.01--18.77)x(423.83+427.74)/2 (-6.91--9.01)x(422.55+423.83)/2 (-6.22--6.91)x(422.17+422.55)/2 (-4.42--6.22)x(421.03+422.17)/2 (-3.77--4.42)x(420.55+421.03)/2 (-0.64--3.77)x(418.20+420.55)/2 (-3.25--0.64)x(418.18+418.20)/2 (-9.31--3.25)x(422.18+418.18)/2 (-10.81--9.31)x(422.18+422.18)/2	235.52 55.65 312.36 4155.66 888.70 291.43 758.88 273.51 1312.64 -1091.48 -2546.29 -633.27	1.11	
A RIPORTARE mq			4013.31		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 2	
Sterro					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			4013.31		
Sez10 170.00	A1	$(-16.87--10.81) \times (426.18+422.18) / 2$ $(-20.18--16.87) \times (428.36+426.18) / 2$ $(-3.81--4.39) \times (421.25+421.39) / 2$ $(-2.60--3.81) \times (420.64+421.25) / 2$ $(-3.25--2.60) \times (420.63+420.64) / 2$ $(-4.39--3.25) \times (421.39+420.63) / 2$	-2570.53 -1414.26 244.37 509.34 -273.41 -479.95	28.52	
Sez11 197.99	A1	$(-7.70--10.25) \times (427.76+427.56) / 2$ $(-4.65--7.70) \times (425.51+427.76) / 2$ $(0.07--4.65) \times (422.97+425.51) / 2$ $(0.00-0.07) \times (422.97+422.97) / 2$ $(-3.25-0.00) \times (422.94+422.97) / 2$ $(-9.31--3.25) \times (426.94+422.94) / 2$ $(-10.25--9.31) \times (427.56+426.94) / 2$	1090.53 1301.24 2002.41 -29.61 -1374.60 -2575.14 -401.61	0.35	
Sez12 220.00	A1	$(-5.79--10.57) \times (428.36+430.07) / 2$ $(-0.53--5.79) \times (425.92+428.36) / 2$ $(0.52--0.53) \times (425.45+425.92) / 2$ $(1.71-0.52) \times (425.39+425.45) / 2$ $(3.46-1.71) \times (425.38+425.39) / 2$ $(3.25-3.46) \times (425.24+425.38) / 2$ $(0.00-3.25) \times (425.27+425.24) / 2$ $(-3.25-0.00) \times (425.24+425.27) / 2$ $(-9.31--3.25) \times (429.24+425.24) / 2$ $(-10.57--9.31) \times (430.07+429.24) / 2$	2051.65 2246.76 446.97 506.25 744.42 -89.32 -1382.08 -1382.08 -2589.07 -541.37	13.22	
Sez13 240.00	A1	$(-7.85--9.41) \times (430.74+431.42) / 2$ $(-6.68--7.85) \times (430.38+430.74) / 2$ $(-0.46--6.68) \times (427.82+430.38) / 2$ $(1.77--0.46) \times (427.85+427.82) / 2$ $(3.37-1.77) \times (427.87+427.85) / 2$ $(3.66-3.37) \times (427.90+427.87) / 2$ $(3.90-3.66) \times (427.78+427.90) / 2$ $(3.25-3.90) \times (427.35+427.78) / 2$ $(0.00-3.25) \times (427.38+427.35) / 2$ $(-3.25-0.00) \times (427.35+427.38) / 2$ $(-9.31--3.25) \times (431.35+427.35) / 2$ $(-9.41--9.31) \times (431.42+431.35) / 2$	672.48 503.76 2669.00 954.07 684.58 124.09 102.68 -277.92 -1388.94 -1388.94 -2601.86 -43.14	12.13	
Sez14 260.00	A1	$(-9.46--9.58) \times (433.57+433.63) / 2$ $(-4.10--9.46) \times (430.45+433.57) / 2$ $(-3.03--4.10) \times (430.15+430.45) / 2$ $(-1.13--3.03) \times (429.59+430.15) / 2$ $(1.23--1.13) \times (429.57+429.59) / 2$ $(2.42-1.23) \times (429.54+429.57) / 2$ $(2.68-2.42) \times (429.54+429.54) / 2$ $(2.87-2.68) \times (429.46+429.54) / 2$ $(0.00-2.87) \times (429.48+429.46) / 2$ $(-3.25-0.00) \times (429.46+429.48) / 2$ $(-9.31--3.25) \times (433.46+429.46) / 2$ $(-9.46--9.31) \times (433.55+433.46) / 2$ $(-9.58--9.46) \times (433.63+433.55) / 2$	52.03 2315.57 460.42 816.75 1013.81 511.17 111.68 81.60 -1232.58 -1395.78 -2614.65 -65.03 -52.03	9.86	
Sez16 292.17	A1	$(-3.12--4.09) \times (433.00+433.40) / 2$ $(-2.85--3.12) \times (432.85+433.00) / 2$ $(-3.25--2.85) \times (432.84+432.85) / 2$ $(-4.09--3.25) \times (433.40+432.84) / 2$	420.20 116.89 -173.14 -363.82	2.96	
Sez17 315.00	A1	$(-2.66--3.89) \times (435.31+435.67) / 2$ $(-2.30--2.66) \times (435.25+435.31) / 2$ $(-3.25--2.30) \times (435.25+435.25) / 2$ $(-3.89--3.25) \times (435.67+435.25) / 2$	535.65 156.70 -413.49 -278.69	0.13	
Sez18 335.43	A1	$(-4.27--6.49) \times (438.93+439.41) / 2$ $(-1.74--4.27) \times (438.02+438.93) / 2$ $(0.12--1.74) \times (437.38+438.02) / 2$ $(3.08-0.12) \times (437.40+437.38) / 2$ $(3.44-3.08) \times (437.40+437.40) / 2$ $(3.25-3.44) \times (437.28+437.40) / 2$ $(0.00-3.25) \times (437.30+437.28) / 2$ $(-3.25-0.00) \times (437.28+437.30) / 2$ $(-6.49--3.25) \times (439.41+437.28) / 2$	974.96 1109.34 814.12 1294.67 157.46 -83.09 -1421.19 -1421.19 -1420.24	0.17	
Sez19 360.00	A1	$(-2.19--3.82) \times (438.45+438.82) / 2$ $(-3.25--2.19) \times (438.44+438.45) / 2$ $(-3.82--3.25) \times (438.82+438.44) / 2$	714.98 -464.75 -250.02	4.84	
Sez21 405.00	A1	$(-3.06--5.86) \times (442.08+442.08) / 2$ $(-2.14--3.06) \times (441.65+442.08) / 2$ $(-1.34--2.14) \times (440.38+441.65) / 2$ $(-3.25--1.34) \times (440.36+440.38) / 2$ $(-5.86--3.25) \times (442.08+440.36) / 2$	1237.82 406.52 352.81 -841.11 -1151.58	0.21	
Sez22 432.69	A1	$(-3.58--5.26) \times (442.41+442.86) / 2$ $(-1.82--3.58) \times (441.70+442.41) / 2$ $(-1.13--1.82) \times (441.71+441.70) / 2$ $(2.01--1.13) \times (441.70+441.71) / 2$ $(3.60-2.01) \times (441.77+441.70) / 2$ $(3.25-3.60) \times (441.54+441.77) / 2$ $(0.00-3.25) \times (441.57+441.54) / 2$ $(-3.25-0.00) \times (441.54+441.57) / 2$ $(-5.26--3.25) \times (442.86+441.54) / 2$	743.63 778.02 304.78 1386.95 702.36 -154.58 -1435.05 -1435.05 -888.82	4.46	
Sez23 451.55	A1	$(-3.50--3.55) \times (442.37+442.38) / 2$ $(-2.82--3.50) \times (442.33+442.37) / 2$ $(0.88--2.82) \times (442.38+442.33) / 2$ $(0.97-0.88) \times (442.38+442.38) / 2$ $(1.52-0.97) \times (442.37+442.38) / 2$ $(3.48-1.52) \times (442.34+442.37) / 2$ $(3.25-3.48) \times (442.18+442.34) / 2$ $(0.00-3.25) \times (442.21+442.18) / 2$ $(-3.25-0.00) \times (442.18+442.21) / 2$ $(-3.55--3.25) \times (442.38+442.18) / 2$	22.12 300.80 1636.71 39.81 243.31 867.02 -101.72 -1437.13 -1437.13 -132.68	2.24	
A RIPORTARE mq				1.11	

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE			Foglio n. 3
Sterro					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
Sez24 470.41	A1	(-2.89--3.32)x(441.88+441.85)/2 (-1.48--2.89)x(441.82+441.88)/2 (-3.25--1.48)x(441.80+441.82)/2 (-3.32--3.25)x(441.85+441.80)/2	190.00 623.01 -782.00 -30.93	0.08	
Sez26 530.00	A1	(-7.45--9.18)x(443.46+444.02)/2 (-6.42--7.45)x(442.94+443.46)/2 (-4.63--6.42)x(441.99+442.94)/2 (-2.53--4.63)x(440.87+441.99)/2 (-2.31--2.53)x(440.87+440.87)/2 (-3.25--2.31)x(440.10+440.11)/2 (-9.18--3.25)x(444.02+440.10)/2	767.67 456.50 792.01 927.00 96.99 -413.70 -2621.42		
Sez27 552.51	A1	(-4.10--6.72)x(440.84+441.75)/2 (-3.52--4.10)x(440.66+440.84)/2 (-2.74--3.52)x(440.40+440.66)/2 (-2.63--2.74)x(440.32+440.40)/2 (-2.34--2.63)x(440.31+440.32)/2 (-2.32--2.34)x(439.47+440.31)/2 (-3.25--2.32)x(439.46+439.47)/2 (-6.72--3.25)x(441.75+439.46)/2	1156.19 255.63 343.61 48.44 127.69 8.80 -408.70 -1528.90	5.05	
Sez27 552.51	A2	(0.15-0.02)x(439.49+439.48)/2 (1.82-0.15)x(439.58+439.49)/2 (2.28-1.82)x(439.53+439.58)/2 (3.27-2.28)x(439.47+439.53)/2 (3.25-3.27)x(439.46+439.47)/2 (0.02-3.25)x(439.48+439.46)/2	57.13 734.02 202.20 435.11 -8.79 -1419.49	2.76	
Sez28 570.00	A1	(-1.46--3.79)x(438.92+438.88)/2 (0.94--1.46)x(438.54+438.92)/2 (0.00-0.94)x(438.55+438.54)/2 (-3.25-0.00)x(438.52+438.55)/2 (-3.79--3.25)x(438.88+438.52)/2	1022.64 1052.95 -412.23 -1425.24 -236.90	0.18	
Sez29 583.58	A1	(-0.46--3.96)x(437.10+437.55)/2 (-3.25--0.46)x(437.08+437.10)/2 (-3.96--3.25)x(437.55+437.08)/2	1530.64 -1219.48 -310.49	1.22	
Sez30 600.00	A1	(-4.16--4.23)x(435.88+435.88)/2 (-3.55--4.16)x(435.85+435.88)/2 (-1.90--3.55)x(435.67+435.85)/2 (-1.71--1.90)x(435.66+435.67)/2 (-1.47--1.71)x(435.62+435.66)/2 (-1.05--1.47)x(435.50+435.62)/2 (-0.08--1.05)x(435.26+435.50)/2 (-3.25--0.08)x(435.24+435.26)/2 (-4.23--3.25)x(435.88+435.24)/2	30.51 265.88 719.00 82.78 104.55 182.94 422.32 -1379.74 -426.85	0.67	
Sez31 614.65	A1	(-4.30--4.38)x(434.36+434.35)/2 (-3.74--4.30)x(434.44+434.36)/2 (-2.37--3.74)x(434.43+434.44)/2 (-0.42--2.37)x(434.39+434.43)/2 (-0.40--0.42)x(434.34+434.39)/2 (1.84--0.40)x(434.10+434.34)/2 (3.65-1.84)x(433.86+434.10)/2 (3.25-3.65)x(433.60+433.86)/2 (0.00-3.25)x(433.63+433.60)/2 (-3.25-0.00)x(433.60+433.63)/2 (-4.38--3.25)x(434.35+433.60)/2	34.75 243.26 595.18 847.10 8.69 972.65 785.50 -173.49 -1409.25 -1409.25 -490.39	1.39	
Sez32 640.00	A1	(-3.66--7.80)x(432.68+433.77)/2 (-3.47--3.66)x(432.45+432.68)/2 (-3.45--3.47)x(432.46+432.45)/2 (-3.02--3.45)x(432.81+432.46)/2 (-2.75--3.02)x(432.81+432.81)/2 (-2.69--2.75)x(431.82+432.81)/2 (-2.48--2.69)x(431.85+431.82)/2 (-1.99--2.48)x(431.85+431.85)/2 (1.90--1.99)x(431.89+431.85)/2 (1.97-1.90)x(431.89+431.89)/2 (1.98-1.97)x(431.89+431.89)/2 (2.23-1.98)x(431.87+431.89)/2 (2.33-2.23)x(431.88+431.87)/2 (4.87-2.33)x(431.84+431.88)/2 (3.25-4.87)x(430.77+431.84)/2 (0.00-3.25)x(430.79+430.77)/2 (-3.25-0.00)x(430.77+430.79)/2 (-7.80--3.25)x(433.77+430.77)/2	1793.55 82.19 8.65 186.03 116.86 25.94 90.69 211.61 1679.97 30.23 4.32 107.97 43.19 1096.92 -698.71 -1400.03 -1400.03 -1966.83	4.75	
Sez33 670.00	A1	(-7.33--7.60)x(430.25+430.28)/2 (-5.18--7.33)x(429.00+430.25)/2 (-3.46--5.18)x(428.06+429.00)/2 (-3.00--3.46)x(428.19+428.06)/2 (-2.72--3.00)x(428.22+428.22)/2 (-2.69--2.72)x(427.91+427.91)/2 (-2.07--2.69)x(427.97+427.91)/2 (-2.06--2.07)x(427.97+427.97)/2 (-1.87--2.06)x(427.96+427.97)/2 (1.49--1.87)x(427.91+427.96)/2 (1.63-1.49)x(427.91+427.91)/2 (1.90-1.63)x(427.92+427.91)/2 (3.98-1.90)x(427.90+427.92)/2 (3.25-3.98)x(427.41+427.90)/2 (0.00-3.25)x(427.44+427.41)/2 (-3.25-0.00)x(427.41+427.44)/2 (-7.60--3.25)x(430.28+427.41)/2	116.17 923.69 737.07 196.94 119.90 12.84 265.32 4.28 81.31 1437.86 59.91 115.54 890.05 -312.19 -1389.13 -1389.13 -1865.48	12.52	
Sez34 703.75	A1	(-3.27--4.29)x(424.03+424.37)/2 (-3.04--3.27)x(423.95+424.03)/2 (-2.84--3.04)x(423.95+423.95)/2 (-3.25--2.84)x(423.68+423.69)/2 (-4.29--3.25)x(424.37+423.68)/2	432.68 97.52 84.79 -173.71 -440.99	4.95	
Sez34	A2	(-2.64--2.84)x(423.70+423.69)/2	84.74	0.29	
A RIPORTARE mq			84.74		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 4	
Sterro					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			84.74		
703.75		$(-2.38--2.64) \times (423.74+423.70) / 2$ $(-1.13--2.38) \times (423.70+423.74) / 2$ $(-2.84--1.13) \times (423.69+423.70) / 2$	110.17 529.65 -724.52	0.04	
Sez35 716.84	A1	$(-3.16--3.29) \times (422.69+422.70) / 2$ $(0.94--3.16) \times (422.76+422.69) / 2$ $(1.10-0.94) \times (422.76+422.76) / 2$ $(1.44-1.10) \times (422.72+422.76) / 2$ $(1.92-1.44) \times (422.69+422.72) / 2$ $(0.00-1.92) \times (422.70+422.69) / 2$ $(-3.25-0.00) \times (422.67+422.70) / 2$ $(-3.29--3.25) \times (422.70+422.67) / 2$	54.95 1733.17 67.64 143.73 202.90 -811.57 -1373.73 -16.91	0.18	
Sez36 729.94	A1	$(-3.28--3.35) \times (421.77+421.77) / 2$ $(0.72--3.28) \times (421.76+421.77) / 2$ $(0.94-0.72) \times (421.76+421.76) / 2$ $(1.69-0.94) \times (421.80+421.76) / 2$ $(1.98-1.69) \times (421.72+421.80) / 2$ $(0.00-1.98) \times (421.74+421.72) / 2$ $(-3.25-0.00) \times (421.71+421.74) / 2$ $(-3.35--3.25) \times (421.77+421.71) / 2$	29.52 1687.06 92.79 316.33 122.31 -835.03 -1370.61 -42.17	0.20	
Sez37 750.00	A1	$(-3.19--3.38) \times (420.41+420.41) / 2$ $(-2.74--3.19) \times (420.38+420.41) / 2$ $(-1.80--2.74) \times (420.34+420.38) / 2$ $(-3.25--1.80) \times (420.33+420.34) / 2$ $(-3.38--3.25) \times (420.41+420.33) / 2$	79.88 189.18 395.14 -609.49 -54.65	0.06	
Sez38 780.00	A1	$(-6.24--7.75) \times (422.38+422.64) / 2$ $(-4.36--6.24) \times (421.10+422.38) / 2$ $(-2.99--4.36) \times (420.16+421.10) / 2$ $(-2.87--2.99) \times (420.15+420.16) / 2$ $(-2.64--2.87) \times (420.32+420.15) / 2$ $(-2.42--2.64) \times (420.32+420.32) / 2$ $(-3.25--2.42) \times (419.67+419.68) / 2$ $(-7.75--3.25) \times (422.64+419.67) / 2$	637.99 792.87 576.26 50.42 96.65 92.47 -348.33 -1895.20	3.13	
Sez39 810.00	A1	$(-14.79--15.84) \times (426.43+426.60) / 2$ $(-13.47--14.79) \times (426.42+426.43) / 2$ $(-13.39--13.47) \times (426.41+426.42) / 2$ $(-11.27--13.39) \times (425.36+426.41) / 2$ $(-9.28--11.27) \times (424.27+425.36) / 2$ $(-6.67--9.28) \times (422.13+424.27) / 2$ $(-2.83--6.67) \times (419.84+422.13) / 2$ $(-2.43--2.83) \times (419.95+419.84) / 2$ $(-1.98--2.43) \times (419.95+419.95) / 2$ $(-3.25--1.98) \times (419.28+419.29) / 2$ $(-9.31--3.25) \times (423.28+419.28) / 2$ $(-10.81--9.31) \times (423.28+423.28) / 2$ $(-15.84--10.81) \times (426.60+423.28) / 2$	447.84 562.88 34.11 902.88 845.38 1104.55 1616.58 167.96 188.98 -532.49 -2552.96 -634.92 -2137.45	13.34	
Sez40 840.00	A1	$(-5.37--9.27) \times (423.52+424.71) / 2$ $(-3.82--5.37) \times (422.36+423.52) / 2$ $(-2.96--3.82) \times (421.68+422.36) / 2$ $(-2.82--2.96) \times (421.63+421.68) / 2$ $(-2.52--2.82) \times (421.50+421.63) / 2$ $(-2.30--2.52) \times (421.50+421.50) / 2$ $(-3.25--2.30) \times (420.74+420.75) / 2$ $(-9.27--3.25) \times (424.71+420.74) / 2$	1654.05 655.56 362.94 59.03 126.47 92.73 -399.71 -2544.80	6.27	
Sez41 856.59	A1	$(-6.85--8.23) \times (424.88+424.93) / 2$ $(-4.67--6.85) \times (423.53+424.88) / 2$ $(-3.17--4.67) \times (422.45+423.53) / 2$ $(-3.13--3.17) \times (422.40+422.45) / 2$ $(-3.04--3.13) \times (422.37+422.40) / 2$ $(-2.86--3.04) \times (422.54+422.37) / 2$ $(-2.62--2.86) \times (422.54+422.54) / 2$ $(-3.25--2.62) \times (421.64+421.65) / 2$ $(-8.23--3.25) \times (424.93+421.64) / 2$	586.37 924.77 634.49 16.90 38.01 76.04 101.41 -265.64 -2107.96	4.39	
Sez41 856.59	A2	$(2.25-0.46) \times (421.69+421.66) / 2$ $(2.79-2.25) \times (421.65+421.69) / 2$ $(0.46-2.79) \times (421.66+421.65) / 2$	754.80 227.70 -982.46	0.04	
Sez42 870.06	A1	$(-3.34--5.10) \times (423.13+423.30) / 2$ $(-2.27--3.34) \times (422.79+423.13) / 2$ $(-1.89--2.27) \times (422.42+422.79) / 2$ $(-1.47--1.89) \times (422.42+422.42) / 2$ $(0.57--1.47) \times (422.42+422.42) / 2$ $(3.67-0.57) \times (422.36+422.42) / 2$ $(3.25-3.67) \times (422.08+422.36) / 2$ $(0.00-3.25) \times (422.10+422.08) / 2$ $(-3.25-0.00) \times (422.08+422.10) / 2$ $(-5.10--3.25) \times (423.30+422.08) / 2$	744.86 452.57 160.59 177.42 861.74 1309.41 -177.33 -1371.79 -1371.79 -781.98	3.70	
Sez45 926.41	A1	$(-4.49--6.27) \times (420.87+421.18) / 2$ $(-2.00--4.49) \times (420.25+420.87) / 2$ $(-1.28--2.00) \times (419.28+420.25) / 2$ $(1.72--1.28) \times (419.25+419.28) / 2$ $(2.56-1.72) \times (419.27+419.25) / 2$ $(3.03-2.56) \times (419.19+419.27) / 2$ $(0.00-3.03) \times (419.21+419.19) / 2$ $(-3.25-0.00) \times (419.19+419.21) / 2$ $(-6.27--3.25) \times (421.18+419.19) / 2$	749.42 1047.19 302.23 1257.80 352.18 197.04 -1270.18 -1362.40 -1268.96	4.32	
Sez46 957.53	A1	$(-3.87--3.95) \times (417.77+417.80) / 2$ $(-2.13--3.87) \times (417.34+417.77) / 2$ $(-3.25--2.13) \times (417.34+417.34) / 2$ $(-3.95--3.25) \times (417.80+417.34) / 2$	33.42 726.55 -467.42 -292.30	0.25	
Sez47 988.65	A1	$(-6.02--6.37) \times (418.60+418.67) / 2$ $(-3.30--6.02) \times (417.44+418.60) / 2$ $(-1.72--3.30) \times (417.04+417.44) / 2$ $(-0.32--1.72) \times (417.04+417.04) / 2$ $(2.34--0.32) \times (417.01+417.04) / 2$	146.52 1137.01 659.24 583.86 1109.29		
A RIPORTARE mq			3635.92		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 5	
Sterro					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			3635.92		
Sez48 1012.28	A1	(3.47-2.34)x(416.76+417.01)/2	471.08	4.23	
		(3.25-3.47)x(416.61+416.76)/2	-91.67		
		(0.00-3.25)x(416.64+416.61)/2	-1354.03		
		(-3.25-0.00)x(416.61+416.64)/2	-1354.03		
		(-6.37--3.25)x(418.67+416.61)/2	-1303.04		
Sez51 1118.09	A1	(-2.69--4.92)x(416.38+417.21)/2	929.45	0.75	
		(-1.96--2.69)x(416.13+416.38)/2	303.87		
		(-0.68--1.96)x(416.12+416.13)/2	532.64		
		(-3.25--0.68)x(416.10+416.12)/2	-1069.40		
		(-4.92--3.25)x(417.21+416.10)/2	-695.81		
Sez52 1152.20	A1	(-5.07--5.59)x(423.41+423.54)/2	220.21	0.71	
		(-2.62--5.07)x(422.01+423.41)/2	1035.64		
		(-3.25--2.62)x(422.00+422.01)/2	-265.86		
		(-5.59--3.25)x(423.54+422.00)/2	-989.28		
Sez53 1170.00	A1	(-4.68--5.45)x(425.28+425.46)/2	327.53	2.99	
		(-0.52--4.68)x(424.23+425.28)/2	1766.98		
		(2.38--0.52)x(424.11+424.23)/2	1230.09		
		(3.34-2.38)x(424.07+424.11)/2	407.13		
		(3.25-3.34)x(424.01+424.07)/2	-38.16		
Sez54 1186.31	A1	(0.00-3.25)x(424.04+424.01)/2	-1378.08	6.57	
		(-3.25-0.00)x(424.01+424.04)/2	-1378.08		
		(-5.45--3.25)x(425.46+424.01)/2	-934.42		
Sez56 1257.72	A1	(-6.44--6.87)x(426.36+426.32)/2	183.33	2.07	
		(-4.33--6.44)x(425.40+426.36)/2	898.61		
		(-2.95--4.33)x(425.08+425.40)/2	586.83		
		(-0.89--2.95)x(424.51+425.08)/2	875.08		
		(2.65--0.89)x(424.39+424.51)/2	1502.55		
Sez57 1264.35	A1	(3.05-2.65)x(424.37+424.39)/2	169.75	0.63	
		(3.23-3.05)x(424.36+424.37)/2	76.39		
		(3.77-3.23)x(424.27+424.36)/2	229.13		
		(3.25-3.77)x(423.93+424.27)/2	-220.53		
		(0.00-3.25)x(423.95+423.93)/2	-1377.81		
Sez58 1270.98	A1	(-3.25-0.00)x(423.93+423.95)/2	-1377.81	0.51	
		(-6.87--3.25)x(426.32+423.93)/2	-1538.95		
Sez58 1270.98	A2	(0.64--3.91)x(423.80+423.93)/2	1928.59	0.85	
		(1.70-0.64)x(423.76+423.80)/2	449.21		
		(1.88-1.70)x(423.76+423.76)/2	76.28		
		(1.93-1.88)x(423.75+423.76)/2	21.19		
		(2.08-1.93)x(423.74+423.75)/2	63.56		
Sez59 1290.00	A1	(3.41-2.08)x(423.60+423.74)/2	563.48	0.05	
		(3.25-3.41)x(423.50+423.60)/2	-67.77		
		(0.00-3.25)x(423.52+423.50)/2	-1376.41		
		(-3.25-0.00)x(423.50+423.52)/2	-1376.41		
		(-3.91--3.25)x(423.93+423.50)/2	-279.65		
Sez60 1308.85	A1	(-3.27--4.71)x(422.07+422.57)/2	608.14	2.77	
		(-2.00--3.27)x(421.61+422.07)/2	535.74		
		(-3.25--2.00)x(421.60+421.61)/2	-527.01		
		(-4.71--3.25)x(422.57+421.60)/2	-616.24		
Sez61 1322.60	A1	(-2.15--4.65)x(421.43+422.35)/2	1054.73	2.81	
		(-3.25--2.15)x(421.43+421.43)/2	-463.57		
		(-4.65--3.25)x(422.35+421.43)/2	-590.65		
Sez62 1336.34	A1	(-1.85--5.05)x(421.25+422.43)/2	1349.89	1.81	
		(-3.25--1.85)x(421.24+421.25)/2	-589.74		
		(-5.05--3.25)x(422.43+421.24)/2	-759.30		
Sez62 1336.34	A2	(-0.54--1.84)x(421.28+421.25)/2	547.64	2.77	
		(1.81--0.54)x(421.27+421.28)/2	990.00		
		(2.02-1.81)x(421.25+421.27)/2	88.46		
		(0.00-2.02)x(421.26+421.25)/2	-850.94		
		(-1.84-0.00)x(421.25+421.26)/2	-775.11		
Sez62 1336.34	A1	(-2.35--4.92)x(420.85+421.43)/2	1082.33	2.81	
		(-1.67--2.35)x(420.63+420.85)/2	286.10		
		(1.69--1.67)x(420.67+420.63)/2	1413.38		
		(2.02-1.69)x(420.67+420.67)/2	138.82		
		(2.88-2.02)x(420.45+420.67)/2	361.68		
Sez62 1336.34	A1	(3.28-2.88)x(420.35+420.45)/2	168.16	2.81	
		(3.25-3.28)x(420.33+420.35)/2	-12.61		
		(0.00-3.25)x(420.35+420.33)/2	-1366.11		
		(-3.25-0.00)x(420.33+420.35)/2	-1366.11		
		(-4.92--3.25)x(421.43+420.33)/2	-702.87		
Sez62 1336.34	A1	(-3.69--3.93)x(419.88+419.86)/2	100.77	2.81	
		(-2.34--3.69)x(419.85+419.88)/2	566.82		
		(0.79--2.34)x(419.83+419.85)/2	1314.10		
		(1.52-0.79)x(419.84+419.83)/2	306.48		
		(2.06-1.52)x(419.85+419.84)/2	226.72		
Sez62 1336.34	A1	(3.09-2.06)x(419.69+419.85)/2	432.36	2.81	
		(3.46-3.09)x(419.55+419.69)/2	155.26		
		(3.25-3.46)x(419.41+419.55)/2	-88.09		
		(0.00-3.25)x(419.44+419.41)/2	-1363.13		
		(-3.25-0.00)x(419.41+419.44)/2	-1363.13		
Sez62 1336.34	A1	(-3.93--3.25)x(419.86+419.41)/2	-285.35	2.81	
Sez62 1336.34	A1	(-3.29--4.23)x(419.14+419.39)/2	394.11	2.81	
		(-2.54--3.29)x(419.12+419.14)/2	314.35		
		(0.38--2.54)x(419.02+419.12)/2	1223.68		
		(1.53-0.38)x(419.00+419.02)/2	481.86		
		(3.10-1.53)x(418.75+419.00)/2	657.63		
Sez62 1336.34	A1	(0.00-3.10)x(418.77+418.75)/2	-1298.16	2.81	
		(-3.25-0.00)x(418.75+418.77)/2	-1360.97		
		(-4.23--3.25)x(419.39+418.75)/2	-410.69		
Sez62 1336.34	A1	(-3.63--5.60)x(418.96+419.63)/2	826.01	2.81	
		(-1.95--3.63)x(418.15+418.96)/2	703.17		
		(-1.30--1.95)x(418.20+418.15)/2	271.81		
		(0.62--1.30)x(418.12+418.20)/2	802.87		
A RIPORTARE mq			2603.86		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE	Foglio n. 6		
Sterro					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			2603.86		
Sez63 1360.00	A1	(1.07-0.62)x(418.10+418.12)/2 (0.00-1.07)x(418.11+418.10)/2 (-3.25-0.00)x(418.08+418.11)/2 (-5.60--3.25)x(419.63+418.08)/2 (1.12--5.60)x(416.95+418.48)/2 (0.00-1.12)x(416.96+416.95)/2 (-3.25-0.00)x(416.93+416.96)/2 (-5.60--3.25)x(418.48+416.93)/2	188.15 -447.37 -1358.81 -984.31 2807.04 -466.99 -1355.07 -981.61	1.52	
Sez64 1385.59	A1	(-4.25--5.47)x(416.84+417.24)/2 (-2.89--4.25)x(416.27+416.84)/2 (-1.33--2.89)x(415.79+416.27)/2 (-3.25--1.33)x(415.77+415.79)/2 (-5.47--3.25)x(417.24+415.77)/2	508.79 566.51 649.01 -798.30 -924.64	3.37	
Sez65 1397.10	A1	(-1.81--4.31)x(415.73+416.42)/2 (-3.25--1.81)x(415.72+415.73)/2 (-4.31--3.25)x(416.42+415.72)/2	1040.19 -598.64 -441.03	1.37	
Sez66 1408.60	A1	(-5.82--6.51)x(417.73+417.90)/2 (-4.92--5.82)x(417.44+417.73)/2 (-2.05--4.92)x(416.47+417.44)/2 (-1.39--2.05)x(416.20+416.47)/2 (-0.41--1.39)x(415.85+416.20)/2 (0.60--0.41)x(415.85+415.85)/2 (3.33-0.60)x(415.80+415.85)/2 (3.25-3.33)x(415.75+415.80)/2 (0.00-3.25)x(415.78+415.75)/2 (-3.25-0.00)x(415.75+415.78)/2 (-6.51--3.25)x(417.90+415.75)/2	288.29 375.83 1196.66 274.78 407.70 420.01 1135.20 -33.26 -1351.24 -1351.24 -1358.85	0.52	
Sez67 1423.86	A1	(-4.52--7.28)x(417.69+418.45)/2 (-1.18--4.52)x(416.50+417.69)/2 (-0.62--1.18)x(416.35+416.50)/2 (-0.61--0.62)x(416.36+416.35)/2 (0.06--0.61)x(416.36+416.36)/2 (3.24-0.06)x(416.34+416.36)/2 (3.60-3.24)x(416.37+416.34)/2 (4.08-3.60)x(416.34+416.37)/2 (3.25-4.08)x(415.79+416.34)/2 (0.00-3.25)x(415.81+415.79)/2 (-3.25-0.00)x(415.79+415.81)/2 (-7.28--3.25)x(418.45+415.79)/2	1153.87 1393.10 233.20 4.16 278.96 1323.99 149.89 199.85 -345.33 -1351.35 -1351.35 -1680.99	3.88	
Sez68 1431.33	A1	(-5.58--7.21)x(417.97+418.42)/2 (-2.52--5.58)x(416.95+417.97)/2 (-1.17--2.52)x(416.60+416.95)/2 (-1.14--1.17)x(416.61+416.60)/2 (2.12--1.14)x(416.62+416.61)/2 (2.90-2.12)x(416.62+416.62)/2 (3.01-2.90)x(416.62+416.62)/2 (3.57-3.01)x(416.58+416.62)/2 (4.18-3.57)x(416.42+416.58)/2 (3.25-4.18)x(415.80+416.42)/2 (0.00-3.25)x(415.83+415.80)/2 (-3.25-0.00)x(415.80+415.83)/2 (-7.21--3.25)x(418.42+415.80)/2	681.66 1277.43 562.65 12.50 1358.16 324.96 45.83 233.30 254.06 -386.98 -1351.40 -1351.40 -1651.76	8.00	
Sez69 1438.81	A1	(-3.85--8.62)x(417.76+419.37)/2 (-2.31--3.85)x(417.18+417.76)/2 (-1.29--2.31)x(416.82+417.18)/2 (-1.27--1.29)x(416.85+416.82)/2 (-0.23--1.27)x(416.82+416.85)/2 (2.82--0.23)x(416.81+416.82)/2 (4.11-2.82)x(416.39+416.81)/2 (3.25-4.11)x(415.82+416.39)/2 (0.00-3.25)x(415.85+415.82)/2 (-3.25-0.00)x(415.82+415.85)/2 (-8.62--3.25)x(419.37+415.82)/2	1996.56 642.90 425.34 8.34 433.51 1271.29 537.41 -357.85 -1351.46 -1351.46 -2242.49	9.01	
Sez70 1470.00	A1	(-5.86--5.94)x(417.65+417.67)/2 (-3.41--5.86)x(416.75+417.65)/2 (-3.15--3.41)x(416.73+416.75)/2 (-0.20--3.15)x(416.65+416.73)/2 (0.94--0.20)x(416.55+416.65)/2 (0.96-0.94)x(416.55+416.55)/2 (1.61-0.96)x(416.46+416.55)/2 (3.31-1.61)x(415.94+416.46)/2 (3.25-3.31)x(415.90+415.94)/2 (0.00-3.25)x(415.92+415.90)/2 (-3.25-0.00)x(415.90+415.92)/2 (-5.94--3.25)x(417.67+415.90)/2	33.41 1022.14 108.35 1229.24 474.92 8.33 270.73 707.54 -24.96 -1351.71 -1351.71 -1121.15	12.09	
Sez71 1500.00	A1	(-7.15--7.55)x(418.71+418.84)/2 (-6.67--7.15)x(418.35+418.71)/2 (-3.07--6.67)x(416.36+418.35)/2 (-2.43--3.07)x(416.01+416.36)/2 (-3.25--2.43)x(416.00+416.01)/2 (-7.55--3.25)x(418.84+416.00)/2	167.51 200.89 1502.48 266.36 -341.12 -1794.91	5.13	
Sez72 1523.38	A1	(-5.39--5.53)x(418.85+418.89)/2 (-2.44--5.39)x(417.65+418.85)/2 (-2.00--2.44)x(417.48+417.65)/2 (1.22--2.00)x(417.42+417.48)/2 (1.69-1.22)x(417.39+417.42)/2 (0.00-1.69)x(417.41+417.39)/2 (-3.25-0.00)x(417.38+417.41)/2 (-5.53--3.25)x(418.89+417.38)/2	58.64 1233.84 183.73 1344.19 196.18 -705.41 -1356.53 -953.35	1.21	
Sez73 1531.61	A1	(-3.38--6.66)x(419.02+420.28)/2 (-2.71--3.38)x(418.60+419.02)/2 (-2.16--2.71)x(418.26+418.60)/2 (-1.44--2.16)x(418.25+418.26)/2 (1.70--1.44)x(418.12+418.25)/2	1376.45 280.60 230.14 301.14 1313.10	1.29	
A RIPORTARE mq			3501.43		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE	Foglio n. 7		
Sterro					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			3501.43		
Sez74 1539.83	A1	(1.93-1.70) x (418.11+418.12) / 2 (2.19-1.93) x (418.04+418.11) / 2 (0.00-2.19) x (418.06+418.04) / 2 (-3.25-0.00) x (418.03+418.06) / 2 (-6.66--3.25) x (420.28+418.03) / 2 (-2.97--5.19) x (419.27+419.84) / 2 (-2.23--2.97) x (418.80+419.27) / 2 (-2.11--2.23) x (418.73+418.80) / 2 (0.84--2.11) x (418.70+418.73) / 2 (1.91-0.84) x (418.67+418.70) / 2 (2.02-1.91) x (418.66+418.67) / 2 (2.23-2.02) x (418.57+418.66) / 2 (0.00-2.23) x (418.59+418.57) / 2 (-3.25-0.00) x (418.56+418.59) / 2 (-5.19--3.25) x (419.84+418.56) / 2	96.17 108.70 -915.53 -1358.65 -1429.32 931.41 310.09 50.25 1235.21 447.99 46.05 87.91 -933.43 -1360.37 -813.25	2.80	
Sez75 1560.00	A1	(-2.72--5.99) x (419.44+420.84) / 2 (-2.12--2.72) x (419.23+419.44) / 2 (-2.04--2.12) x (419.23+419.23) / 2 (2.05--2.04) x (419.11+419.23) / 2 (2.40-2.05) x (419.09+419.11) / 2 (2.57-2.40) x (419.04+419.09) / 2 (0.00-2.57) x (419.06+419.04) / 2 (-3.25-0.00) x (419.04+419.06) / 2 (-5.99--3.25) x (420.84+419.04) / 2	1373.86 251.60 33.54 1714.41 146.69 71.24 -1076.96 -1361.91 -1150.64	1.86	
Sez76 1581.65	A1	(-2.50--4.55) x (419.57+420.21) / 2 (-2.28--2.50) x (419.47+419.57) / 2 (-0.50--2.28) x (419.46+419.47) / 2 (1.59--0.50) x (419.39+419.46) / 2 (1.67-1.59) x (419.36+419.39) / 2 (0.00-1.67) x (419.37+419.36) / 2 (-3.25-0.00) x (419.35+419.37) / 2 (-4.55--3.25) x (420.21+419.35) / 2	860.77 92.29 746.65 876.60 33.55 -700.34 -1362.92 -545.71	1.83	
Sez77 1593.32	A1	(-2.91--4.39) x (419.37+419.82) / 2 (1.60--2.91) x (419.09+419.37) / 2 (1.77-1.60) x (419.08+419.09) / 2 (0.00-1.77) x (419.10+419.08) / 2 (-3.25-0.00) x (419.07+419.10) / 2 (-4.39--3.25) x (419.82+419.07) / 2	621.00 1890.73 71.24 -741.79 -1362.03 -478.17	0.89	
Sez78 1605.00	A1	(-2.38--4.15) x (418.91+419.32) / 2 (-1.43--2.38) x (418.74+418.91) / 2 (-3.25--1.43) x (418.72+418.74) / 2 (-4.15--3.25) x (419.32+418.72) / 2	741.83 397.88 -762.09 -377.12	0.98	
Sez79 1620.00	A1	(-2.96--3.44) x (418.28+418.40) / 2 (-3.25--2.96) x (418.28+418.28) / 2 (-3.44--3.25) x (418.40+418.28) / 2	200.80 -121.30 -79.48	0.50	
Sez80 1644.62	A1	(-3.46--4.86) x (418.24+418.61) / 2 (-1.97--3.46) x (417.63+418.24) / 2 (-1.83--1.97) x (417.56+417.63) / 2 (-3.25--1.83) x (417.55+417.56) / 2 (-4.86--3.25) x (418.61+417.55) / 2	585.80 622.72 58.46 -592.93 -673.11	0.02	
Sez81 1651.41	A1	(-1.96--4.79) x (417.62+418.40) / 2 (-1.41--1.96) x (417.39+417.62) / 2 (-3.25--1.41) x (417.38+417.39) / 2 (-4.79--3.25) x (418.40+417.38) / 2	1182.97 229.63 -767.99 -643.55	0.94	
Sez82 1658.20	A1	(-2.60--5.47) x (418.18+418.84) / 2 (-1.80--2.60) x (417.72+418.18) / 2 (-1.29--1.80) x (417.43+417.72) / 2 (-1.22--1.29) x (417.39+417.43) / 2 (-3.25--1.22) x (417.38+417.39) / 2 (-5.47--3.25) x (418.84+417.38) / 2	1201.12 334.36 212.96 29.22 -847.29 -928.20	1.06	
Sez86 1770.00	A1	(-3.47--4.54) x (424.17+424.36) / 2 (-3.36--3.47) x (424.14+424.17) / 2 (-3.27--3.36) x (424.13+424.14) / 2 (-2.37--3.27) x (423.91+424.13) / 2 (-1.94--2.37) x (423.84+423.91) / 2 (-1.67--1.94) x (423.54+423.84) / 2 (-1.57--1.67) x (423.53+423.54) / 2 (-3.25--1.57) x (423.51+423.53) / 2 (-4.54--3.25) x (424.36+423.51) / 2	453.96 46.66 38.17 381.62 182.27 114.40 42.35 -711.51 -546.88	2.17	
Sez88 1830.00	A1	(-3.70--4.68) x (429.76+429.84) / 2 (-1.91--3.70) x (429.57+429.76) / 2 (-1.19--1.91) x (429.48+429.57) / 2 (3.26--1.19) x (428.90+429.48) / 2 (3.25-3.26) x (428.90+428.90) / 2 (0.00-3.25) x (428.92+428.90) / 2 (-3.25-0.00) x (428.90+428.92) / 2 (-4.68--3.25) x (429.84+428.90) / 2	421.20 769.10 309.26 1909.90 -4.29 -1393.96 -1393.96 -614.00	1.04	
Sez89 1860.00	A1	(-1.52--4.00) x (430.30+430.52) / 2 (0.37--1.52) x (430.05+430.30) / 2 (0.00-0.37) x (430.05+430.05) / 2 (-3.25-0.00) x (430.03+430.05) / 2 (-4.00--3.25) x (430.52+430.03) / 2	1067.42 813.03 -159.12 -1397.63 -322.71	3.25	
Sez93 1950.00	A1	(-3.84--4.95) x (430.71+430.95) / 2 (-2.65--3.84) x (430.30+430.71) / 2 (-1.37--2.65) x (429.85+430.30) / 2 (-3.25--1.37) x (429.84+429.85) / 2 (-4.95--3.25) x (430.95+429.84) / 2	478.22 512.30 550.50 -808.11 -731.67	0.99	
Sez96 2040.00	A1	(-3.46--14.71) x (433.68+436.78) / 2 (3.38--3.46) x (432.44+433.68) / 2 (5.72-3.38) x (431.83+432.44) / 2 (3.25-5.72) x (430.20+431.83) / 2	4896.34 2962.13 1011.20 -1064.61	1.24	
A RIPORTARE mq			7805.06		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

Sterro		CALCOLO DELLE AREE		Foglio n. 8	
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			7805.06		
Sez100 2130.00	A1	$(0.00-3.25) \times (430.23+430.20) / 2$	-1398.20	39.82	
		$(-3.25-0.00) \times (430.20+430.23) / 2$	-1398.20		
		$(-9.31--3.25) \times (434.20+430.20) / 2$	-2619.13		
		$(-10.81--9.31) \times (434.20+434.20) / 2$	-651.30		
		$(-14.71--10.81) \times (436.78+434.20) / 2$	-1698.41		
Sez101 2140.00	A1	$(-2.88--5.40) \times (446.89+446.54) / 2$	1125.72	1.12	
		$(-0.75--2.88) \times (446.70+446.89) / 2$	951.67		
		$(1.00--0.75) \times (446.54+446.70) / 2$	781.59		
		$(0.00-1.00) \times (446.54+446.54) / 2$	-446.54		
		$(-5.40-0.00) \times (446.54+446.54) / 2$	-2411.32		
Sez102 2150.00	A1	$(-0.86--11.22) \times (448.21+446.77) / 2$	4636.00	17.88	
		$(8.91--0.86) \times (447.37+448.21) / 2$	4374.91		
		$(10.06-8.91) \times (447.24+447.37) / 2$	514.40		
		$(9.34-10.06) \times (446.77+447.24) / 2$	-321.84		
		$(1.57-9.34) \times (446.77+446.77) / 2$	-3471.40		
Sez103 2160.00	A1	$(-11.22-1.57) \times (446.77+446.77) / 2$	-5714.19	32.97	
		$(-7.29--15.04) \times (447.93+446.77) / 2$	3466.96		
		$(0.37--7.29) \times (448.59+447.93) / 2$	3433.67		
		$(10.84-0.37) \times (448.00+448.59) / 2$	4693.65		
		$(12.53-10.84) \times (447.82+448.00) / 2$	756.97		
Sez104 2170.00	A1	$(10.95-12.53) \times (446.77+447.82) / 2$	-706.73	35.18	
		$(3.18-10.95) \times (446.77+446.77) / 2$	-3471.40		
		$(-15.04-3.18) \times (446.77+446.77) / 2$	-8140.15		
		$(-17.43--18.58) \times (446.94+446.77) / 2$	513.88		
		$(1.27--17.43) \times (448.54+446.94) / 2$	8372.74		
Sez105 2182.30	A1	$(10.44-1.27) \times (448.03+448.54) / 2$	4110.77	30.41	
		$(13.85-10.44) \times (447.62+448.03) / 2$	1527.08		
		$(12.57-13.85) \times (446.77+447.62) / 2$	-572.41		
		$(4.80-12.57) \times (446.77+446.77) / 2$	-3471.40		
		$(-18.58-4.80) \times (446.77+446.77) / 2$	-10445.48		
Sez106 2190.00	A1	$(-1.69--17.94) \times (448.16+446.77) / 2$	7271.31	10.60	
		$(2.17--1.69) \times (448.49+448.16) / 2$	1730.53		
		$(2.96-2.17) \times (448.45+448.49) / 2$	354.29		
		$(15.89-2.96) \times (446.90+448.45) / 2$	5788.44		
		$(16.97-15.89) \times (446.77+446.90) / 2$	482.58		
		$(11.41-16.97) \times (446.77+446.77) / 2$	-2484.04	1.55	
		$(-17.94-11.41) \times (446.77+446.77) / 2$	-13112.70		
		$(-9.06--18.83) \times (447.36+446.77) / 2$	4367.83		
		$(-5.25--9.06) \times (447.69+447.36) / 2$	1705.07		
		$(5.26--5.25) \times (446.77+447.69) / 2$	4700.39		
		$(-18.83-5.26) \times (446.77+446.77) / 2$	-10762.69		
		$(-10.99--15.97) \times (447.10+446.77) / 2$	2225.74		
		$(-6.60--10.99) \times (446.77+447.10) / 2$	1962.04		
		$(-15.97--6.60) \times (446.77+446.77) / 2$	-4186.23		
Il Direttore dei Lavori		L'Impresa			

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 9	
Riporto					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
P5 0.00	B1	(-11.81--15.14)x(446.77+444.57)/2 (7.51--11.81)x(446.77+446.77)/2 (8.76-7.51)x(445.95+446.77)/2 (6.36-8.76)x(446.23+445.95)/2 (-5.06-6.36)x(445.84+446.23)/2 (-14.00--5.06)x(444.86+445.84)/2 (-15.14--14.00)x(444.57+444.86)/2	1484.08 8631.60 557.95 -1070.62 -5093.72 -3981.43 -506.98	20.88	
Sez1 0.00	B1	(-3.25--3.90)x(413.83+413.41)/2 (0.00--3.25)x(413.86+413.83)/2 (3.25-0.00)x(413.83+413.86)/2 (6.34-3.25)x(411.79+413.83)/2 (6.10-6.34)x(411.86+411.79)/2 (3.15-6.10)x(412.41+411.86)/2 (-0.21-3.15)x(412.77+412.41)/2 (-3.90--0.21)x(413.41+412.77)/2	268.85 1345.00 1345.00 1275.58 -98.84 -1215.80 -1386.30 -1524.30	9.19	
Sez4 60.00	B1	(3.25-2.03)x(414.94+414.95)/2 (3.50-3.25)x(414.78+414.94)/2 (2.90-3.50)x(414.83+414.78)/2 (2.17-2.90)x(414.94+414.83)/2 (2.03-2.17)x(414.95+414.94)/2	506.23 103.72 -248.88 -302.87 -58.09	0.11	
Sez5 71.28	B1	(0.00--2.82)x(415.17+415.15)/2 (3.25-0.00)x(415.15+415.17)/2 (4.63-3.25)x(414.24+415.15)/2 (1.78-4.63)x(414.51+414.24)/2 (-0.66-1.78)x(414.61+414.51)/2 (-1.63--0.66)x(414.65+414.61)/2 (-1.95--1.63)x(414.79+414.65)/2 (-2.82--1.95)x(415.15+414.79)/2	1170.75 1349.27 572.28 -1180.97 -1011.53 -402.19 -132.71 -361.02	3.88	
Sez6 85.00	B1	(0.00--1.81)x(415.43+415.41)/2 (3.25-0.00)x(415.40+415.43)/2 (4.87-3.25)x(414.33+415.40)/2 (4.70-4.87)x(414.34+414.33)/2 (3.50-4.70)x(414.39+414.34)/2 (-0.82-3.50)x(414.63+414.39)/2 (-1.81--0.82)x(415.41+414.63)/2	751.91 1350.10 672.08 -70.44 -497.24 -1790.68 -410.87	4.86	
Sez7 99.59	B1	(0.00--2.58)x(415.70+415.68)/2 (3.21-0.00)x(415.67+415.70)/2 (2.39-3.21)x(415.18+415.67)/2 (2.24-2.39)x(415.19+415.18)/2 (-1.23-2.24)x(415.33+415.19)/2 (-2.10--1.23)x(415.37+415.33)/2 (-2.58--2.10)x(415.68+415.37)/2	1072.48 1334.35 -340.65 -62.28 -1440.95 -361.35 -199.45	2.15	
Sez8 112.25	B1	(0.00--2.51)x(416.05+416.04)/2 (1.57-0.00)x(416.04+416.05)/2 (1.44-1.57)x(415.86+416.04)/2 (-1.16-1.44)x(415.98+415.86)/2 (-2.47--1.16)x(416.02+415.98)/2 (-2.51--2.47)x(416.04+416.02)/2	1044.27 653.19 -54.07 -1081.39 -544.96 -16.64	0.40	
Sez9 140.00	B1	(0.00--0.64)x(418.20+418.20)/2 (3.25-0.00)x(418.18+418.20)/2 (4.94-3.25)x(417.06+418.18)/2 (0.99-4.94)x(417.25+417.06)/2 (0.40-0.99)x(417.23+417.25)/2 (-0.15-0.40)x(417.11+417.23)/2 (-0.18--0.15)x(417.58+417.11)/2 (-0.20--0.18)x(418.04+417.58)/2 (-0.33--0.20)x(418.06+418.04)/2 (-0.46--0.33)x(418.06+418.06)/2 (-0.64--0.46)x(418.20+418.06)/2	267.65 1359.12 705.78 -1647.76 -246.17 -229.44 -12.52 -8.36 -54.35 -54.35 -75.26	4.34	
Sez10 170.00	B1	(0.00--2.60)x(420.66+420.64)/2 (3.25-0.00)x(420.63+420.66)/2 (7.40-3.25)x(417.90+420.63)/2 (5.59-7.40)x(418.49+417.90)/2 (3.88-5.59)x(418.50+418.49)/2 (2.39-3.88)x(418.71+418.50)/2 (0.90-2.39)x(419.42+418.71)/2 (-1.92-0.90)x(420.29+419.42)/2 (-2.60--1.92)x(420.64+420.29)/2	1093.69 1367.10 1739.95 -756.93 -715.63 -623.72 -624.41 -1183.99 -285.92	10.14	
Sez11 197.99	B1	(3.25-0.07)x(422.94+422.97)/2 (4.37-3.25)x(422.21+422.94)/2 (3.07-4.37)x(422.26+422.21)/2 (1.06-3.07)x(422.44+422.26)/2 (0.07-1.06)x(422.97+422.44)/2	1345.00 473.28 -548.91 -848.92 -418.48	1.97	
Sez14 260.00	B1	(3.25-2.87)x(429.46+429.46)/2 (3.87-3.25)x(429.05+429.46)/2 (2.87-3.87)x(429.46+429.05)/2	163.19 266.14 -429.25	0.08	
Sez15 283.73	B1	(0.00--3.05)x(431.98+431.96)/2 (3.25-0.00)x(431.95+431.98)/2 (6.80-3.25)x(429.61+431.95)/2 (5.05-6.80)x(430.33+429.61)/2 (3.66-5.05)x(430.90+430.33)/2 (3.56-3.66)x(430.98+430.90)/2 (2.37-3.56)x(431.36+430.98)/2 (2.15-2.37)x(431.39+431.36)/2 (-0.56-2.15)x(431.56+431.39)/2 (-1.82--0.56)x(431.65+431.56)/2 (-2.61--1.82)x(431.90+431.65)/2 (-3.05--2.61)x(431.96+431.90)/2	1317.51 1403.89 1529.27 -752.45 -598.55 -43.09 -513.09 -94.90 -1169.30 -543.82 -341.10 -190.05	4.32	
Sez16 292.17	B1	(0.00--2.85)x(432.87+432.85)/2 (3.25-0.00)x(432.84+432.87)/2 (7.87-3.25)x(429.79+432.84)/2 (7.64-7.87)x(429.90+429.79)/2 (6.36-7.64)x(430.61+429.90)/2 (4.46-6.36)x(431.53+430.61)/2 (2.16-4.46)x(432.21+431.53)/2	1233.65 1406.78 1992.68 -98.86 -550.73 -819.03 -993.30		
A RIPORTARE mq			2171.19		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 10	
Riporto					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			2171.19		
Sez17 315.00	B1	(0.41-2.16) x (432.22+432.21) / 2 (-1.93-0.41) x (432.34+432.22) / 2 (-2.85--1.93) x (432.85+432.34) / 2 (0.00--2.30) x (435.27+435.25) / 2 (3.25-0.00) x (435.25+435.27) / 2 (3.44-3.25) x (435.12+435.25) / 2 (1.98-3.44) x (435.10+435.12) / 2 (-0.46-1.98) x (435.04+435.10) / 2 (-1.73--0.46) x (435.17+435.04) / 2 (-2.30--1.73) x (435.25+435.17) / 2	-756.38 -1011.54 -397.99 1001.10 1414.60 82.69 -635.26 -1061.57 -552.58 -248.07	5.28	
Sez19 360.00	B1	(0.00--2.19) x (438.47+438.45) / 2 (3.25-0.00) x (438.44+438.47) / 2 (5.62-3.25) x (436.88+438.44) / 2 (3.10-5.62) x (437.90+436.88) / 2 (1.93-3.10) x (438.31+437.90) / 2 (-0.94-1.93) x (438.38+438.31) / 2 (-1.83--0.94) x (438.39+438.38) / 2 (-1.89--1.83) x (438.38+438.39) / 2 (-2.19--1.89) x (438.45+438.38) / 2	960.23 1424.98 1037.25 -1102.22 -512.58 -1258.05 -390.16 -26.30 -131.52	0.91	
Sez20 378.68	B1	(-3.25--3.29) x (439.24+439.22) / 2 (0.00--3.25) x (439.27+439.24) / 2 (3.25-0.00) x (439.24+439.27) / 2 (5.03-3.25) x (438.07+439.24) / 2 (4.00-5.03) x (438.48+438.07) / 2 (3.59-4.00) x (438.39+438.48) / 2 (3.01-3.59) x (438.58+438.39) / 2 (2.30-3.01) x (438.67+438.58) / 2 (0.78-2.30) x (438.66+438.67) / 2 (-1.55-0.78) x (438.69+438.66) / 2 (-1.59--1.55) x (438.74+438.69) / 2 (-2.01--1.59) x (438.94+438.74) / 2 (-3.29--2.01) x (439.22+438.94) / 2	17.57 1427.58 1427.58 780.81 -451.42 -179.76 -254.32 -311.42 -666.77 -1022.11 -17.55 -184.31 -562.02	1.63	
Sez21 405.00	B1	(0.00--1.34) x (440.39+440.38) / 2 (3.25-0.00) x (440.36+440.39) / 2 (4.00-3.25) x (439.87+440.36) / 2 (3.74-4.00) x (439.88+439.87) / 2 (2.55-3.74) x (439.88+439.88) / 2 (0.66-2.55) x (439.90+439.88) / 2 (-1.06-0.66) x (439.93+439.90) / 2 (-1.34--1.06) x (440.38+439.93) / 2	590.12 1431.22 330.09 -114.37 -523.46 -831.39 -756.65 -123.24	3.86	
Sez24 470.41	B1	(0.00--1.48) x (441.83+441.82) / 2 (3.25-0.00) x (441.80+441.83) / 2 (4.88-3.25) x (440.73+441.80) / 2 (4.73-4.88) x (440.72+440.73) / 2 (3.16-4.73) x (441.09+440.72) / 2 (1.23-3.16) x (441.56+441.09) / 2 (0.99-1.23) x (441.70+441.56) / 2 (0.50-0.99) x (441.74+441.70) / 2 (-1.48-0.50) x (441.82+441.74) / 2	653.90 1435.90 719.26 -66.11 -692.22 -851.76 -105.99 -216.44 -874.72	2.32	
Sez25 500.00	B1	(-3.25--3.40) x (440.96+440.86) / 2 (0.00--3.25) x (440.98+440.96) / 2 (3.25-0.00) x (440.96+440.98) / 2 (4.40-3.25) x (440.20+440.96) / 2 (3.63-4.40) x (440.28+440.20) / 2 (3.55-3.63) x (440.35+440.28) / 2 (3.30-3.55) x (440.33+440.35) / 2 (2.44-3.30) x (440.51+440.33) / 2 (1.56-2.44) x (440.61+440.51) / 2 (1.41-1.56) x (440.62+440.61) / 2 (-1.98-1.41) x (440.65+440.62) / 2 (-3.40--1.98) x (440.86+440.65) / 2	66.14 1433.15 1433.15 506.67 -338.98 -35.23 -110.09 -378.76 -387.69 -66.09 -1493.75 -625.87	1.82	
Sez26 530.00	B1	(0.00--2.31) x (440.13+440.11) / 2 (3.25-0.00) x (440.10+440.13) / 2 (3.36-3.25) x (440.03+440.10) / 2 (2.14-3.36) x (440.08+440.03) / 2 (-0.18-2.14) x (440.07+440.08) / 2 (-2.31--0.18) x (440.03+440.07) / 2	1016.68 1430.37 48.41 -536.87 -1020.97 -937.31	2.65	
Sez27 552.51	B1	(0.00--2.32) x (439.49+439.47) / 2 (0.02-0.00) x (439.48+439.49) / 2 (-1.76-0.02) x (439.39+439.48) / 2 (-2.23--1.76) x (439.40+439.39) / 2 (-2.32--2.23) x (439.40+439.40) / 2	1019.59 8.79 -782.19 -206.52 -39.55	0.31	
Sez28 570.00	B1	(3.25-0.94) x (438.52+438.54) / 2 (3.94-3.25) x (438.07+438.52) / 2 (0.94-3.94) x (438.54+438.07) / 2	1013.00 302.42 -1314.91	0.12	
Sez29 583.58	B1	(0.00--0.46) x (437.10+437.10) / 2 (3.25-0.00) x (437.08+437.10) / 2 (4.67-3.25) x (436.14+437.08) / 2 (2.80-4.67) x (436.68+436.14) / 2 (-0.46-2.80) x (437.10+436.68) / 2	201.07 1420.54 619.99 -816.09 -1424.26	0.51	
Sez30 600.00	B1	(0.00--0.08) x (435.26+435.26) / 2 (3.25-0.00) x (435.24+435.26) / 2 (5.10-3.25) x (434.02+435.24) / 2 (5.07-5.10) x (434.02+434.02) / 2 (4.52-5.07) x (434.12+434.02) / 2 (-0.08-4.52) x (435.26+434.12) / 2	34.82 1414.56 804.07 -13.02 -238.74 -1999.57	1.25	
Sez34 703.75	B1	(0.00--1.13) x (423.71+423.70) / 2 (3.25-0.00) x (423.68+423.71) / 2 (3.32-3.25) x (423.64+423.68) / 2 (2.30-3.32) x (423.63+423.64) / 2 (1.36-2.30) x (423.69+423.63) / 2 (1.28-1.36) x (423.69+423.69) / 2 (0.33-1.28) x (423.65+423.69) / 2	478.79 1377.01 29.66 -432.11 -398.24 -33.90 -402.49	2.12	
A RIPORTARE mq			618.72		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

Riporto		CALCOLO DELLE AREE		Foglio n. 11	
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			618.72		
Sez35 716.84	B1	(-1.13-0.33) x (423.70+423.65) / 2 (3.25-1.92) x (422.67+422.69) / 2 (3.56-3.25) x (422.47+422.67) / 2 (2.27-3.56) x (422.66+422.47) / 2 (1.92-2.27) x (422.69+422.66) / 2	-618.57 562.16 131.00 -545.11 -147.94	0.15	
Sez36 729.94	B1	(3.25-1.98) x (421.71+421.72) / 2 (4.07-3.25) x (421.17+421.71) / 2 (1.98-4.07) x (421.72+421.17) / 2	535.58 345.58 -880.82	0.11	
Sez37 750.00	B1	(0.00--1.80) x (420.35+420.34) / 2 (3.25-0.00) x (420.33+420.35) / 2 (4.29-3.25) x (419.64+420.33) / 2 (1.05-4.29) x (420.25+419.64) / 2 (-0.22-1.05) x (420.26+420.25) / 2 (-1.80--0.22) x (420.34+420.26) / 2	756.62 1366.11 436.78 -1360.62 -533.72 -664.07	0.34	
Sez38 780.00	B1	(0.00--2.42) x (419.70+419.68) / 2 (3.25-0.00) x (419.67+419.70) / 2 (4.31-3.25) x (418.97+419.67) / 2 (2.66-4.31) x (419.46+418.97) / 2 (-0.79-2.66) x (419.42+419.46) / 2 (-1.53--0.79) x (419.43+419.42) / 2 (-1.80--1.53) x (419.42+419.43) / 2 (-2.42--1.80) x (419.40+419.42) / 2	1015.65 1363.98 444.48 -691.70 -1447.07 -310.37 -113.24 -260.03	1.10	
Sez39 810.00	B1	(0.00--1.98) x (419.30+419.29) / 2 (3.25-0.00) x (419.28+419.30) / 2 (3.93-3.25) x (418.83+419.28) / 2 (2.92-3.93) x (419.09+418.83) / 2 (1.21-2.92) x (419.10+419.09) / 2 (-0.66-1.21) x (419.16+419.10) / 2 (-1.16--0.66) x (419.00+419.16) / 2 (-1.98--1.16) x (418.96+419.00) / 2	830.20 1362.69 284.96 -423.15 -716.65 -783.77 -209.54 -343.56	1.70	
Sez40 840.00	B1	(0.00--2.30) x (420.77+420.75) / 2 (3.25-0.00) x (420.74+420.77) / 2 (6.83-3.25) x (418.38+420.74) / 2 (6.06-6.83) x (418.87+418.38) / 2 (4.99-6.06) x (419.48+418.87) / 2 (2.23-4.99) x (420.67+419.48) / 2 (-0.59-2.23) x (420.67+420.67) / 2 (-1.62--0.59) x (420.66+420.67) / 2 (-1.83--1.62) x (420.62+420.66) / 2 (-2.30--1.83) x (420.57+420.62) / 2	967.75 1367.45 1502.02 -322.34 -448.52 -1159.41 -1186.29 -433.28 -88.33 -197.68	1.18	
Sez41 856.59	B1	(0.00--2.62) x (421.67+421.65) / 2 (0.46-0.00) x (421.66+421.67) / 2 (-0.50-0.46) x (421.65+421.66) / 2 (-1.91--0.50) x (421.65+421.65) / 2 (-2.20--1.91) x (421.62+421.65) / 2 (-2.62--2.20) x (421.57+421.62) / 2	1104.75 193.97 -404.79 -594.53 -122.27 -177.07	1.37	
Sez41 856.59	B2	(3.25-2.79) x (421.64+421.65) / 2 (3.32-3.25) x (421.60+421.64) / 2 (2.95-3.32) x (421.63+421.60) / 2 (2.79-2.95) x (421.65+421.63) / 2	193.96 29.51 -156.00 -67.46	0.06	
Sez43 883.53	B1	(0.00--2.70) x (421.81+421.79) / 2 (3.25-0.00) x (421.79+421.81) / 2 (3.78-3.25) x (421.44+421.79) / 2 (3.14-3.78) x (421.39+421.44) / 2 (1.79-3.14) x (421.66+421.39) / 2 (0.43-1.79) x (421.68+421.64) / 2 (-2.05-0.43) x (421.75+421.68) / 2 (-2.70--2.05) x (421.79+421.75) / 2	1138.86 1370.85 223.46 -269.71 -569.06 -573.46 -1045.85 -274.15	0.01	
Sez44 900.00	B1	(-3.25--3.70) x (420.80+420.50) / 2 (0.00--3.25) x (420.83+420.80) / 2 (3.25-0.00) x (420.80+420.83) / 2 (3.85-3.25) x (420.40+420.80) / 2 (1.82-3.85) x (420.07+420.40) / 2 (1.08-1.82) x (420.26+420.07) / 2 (0.87-1.08) x (420.29+420.26) / 2 (-0.63-0.87) x (420.34+420.29) / 2 (-2.68--0.63) x (420.44+420.34) / 2 (-2.99--2.68) x (420.42+420.44) / 2 (-3.70--2.99) x (420.50+420.42) / 2	189.29 1367.65 1367.65 252.36 -853.08 -310.92 -88.26 -630.47 -861.80 -130.33 -298.53	0.94	
Sez46 957.53	B1	(-1.72--2.13) x (417.35+417.34) / 2 (-1.79--1.72) x (417.27+417.35) / 2 (-1.95--1.79) x (417.30+417.27) / 2 (-2.13--1.95) x (417.34+417.30) / 2	171.11 -29.21 -66.77 -75.12	3.56	
Sez46 957.53	B2	(0.00--1.05) x (417.36+417.35) / 2 (3.25-0.00) x (417.34+417.36) / 2 (4.56-3.25) x (416.47+417.34) / 2 (3.11-4.56) x (416.99+416.47) / 2 (2.51-3.11) x (417.23+416.99) / 2 (1.81-2.51) x (417.24+417.23) / 2 (-1.05-1.81) x (417.35+417.24) / 2	438.22 1356.39 546.15 -604.26 -250.27 -292.06 -1193.46	0.01	
Sez48 1012.28	B1	(0.00--0.68) x (416.13+416.12) / 2 (3.25-0.00) x (416.10+416.13) / 2 (4.31-3.25) x (415.40+416.10) / 2 (3.67-4.31) x (415.61+415.40) / 2 (2.68-3.67) x (416.03+415.61) / 2 (2.30-2.68) x (416.08+416.03) / 2 (1.86-2.30) x (416.09+416.08) / 2 (-0.68-1.86) x (416.12+416.09) / 2	282.97 1352.37 440.69 -265.92 -411.66 -158.10 -183.08 -1056.91	0.71	
Sez49 1050.00	B1	(-3.25--3.60) x (417.71+417.47) / 2 (0.00--3.25) x (417.73+417.71) / 2 (3.25-0.00) x (417.71+417.73) / 2	146.16 1357.59 1357.59	0.36	
A RIPORTARE mq			2861.34		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 12			
Riporto							
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE		
RIPORTO mq			2861.34				
Sez50 1080.00	B1	(5.37-3.25) x (416.31+417.71) / 2	884.06	4.97			
		(3.68-5.37) x (416.95+416.31) / 2	-704.10				
		(3.52-3.68) x (416.98+416.95) / 2	-66.71				
		(1.65-3.52) x (417.00+416.98) / 2	-779.77				
		(-2.15-1.65) x (417.10+417.00) / 2	-1584.79				
		(-2.31--2.15) x (417.11+417.10) / 2	-66.74				
		(-3.00--2.31) x (417.34+417.11) / 2	-287.89				
		(-3.29--3.00) x (417.38+417.34) / 2	-121.03				
		(-3.60--3.29) x (417.47+417.38) / 2	-129.40				
		(-3.25--3.33) x (419.60+419.55) / 2	33.57				
Sez51 1118.09	B1	(0.00--3.25) x (419.62+419.60) / 2	1363.73	3.49			
		(3.25-0.00) x (419.60+419.62) / 2	1363.73				
		(5.35-3.25) x (418.21+419.60) / 2	879.70				
		(3.54-5.35) x (418.91+418.21) / 2	-757.59				
		(2.01-3.54) x (419.11+418.91) / 2	-641.09				
		(1.08-2.01) x (419.14+419.11) / 2	-389.79				
		(-2.11-1.08) x (419.19+419.14) / 2	-1337.14				
		(-3.33--2.11) x (419.55+419.19) / 2	-511.63				
		(0.00--2.62) x (422.03+422.01) / 2	1105.69			3.12	
		(3.25-0.00) x (422.00+422.03) / 2	1371.55				
(4.51-3.25) x (421.17+422.00) / 2	531.20						
(2.61-4.51) x (421.50+421.17) / 2	-800.54						
(-0.70-2.61) x (421.53+421.50) / 2	-1395.21						
(-1.35--0.70) x (421.56+421.53) / 2	-274.00						
(-1.95--1.35) x (421.62+421.56) / 2	-252.95						
(-2.62--1.95) x (422.01+421.62) / 2	-282.62						
Sez55 1220.00	B1	(-3.25--3.80) x (422.60+422.24) / 2	232.33	4.90			
		(0.00--3.25) x (422.63+422.60) / 2	1373.50				
		(3.25-0.00) x (422.60+422.63) / 2	1373.50				
		(5.44-3.25) x (421.16+422.60) / 2	923.92				
		(2.28-5.44) x (421.92+421.16) / 2	-1332.07				
		(1.55-2.28) x (422.08+421.92) / 2	-308.06				
		(1.47-1.55) x (422.08+422.08) / 2	-33.77				
		(-0.30-1.47) x (422.07+422.08) / 2	-747.07				
		(-2.23--0.30) x (422.07+422.07) / 2	-814.60				
		(-3.80--2.23) x (422.24+422.07) / 2	-662.78				
Sez56 1257.72	B1	(0.00--2.00) x (421.63+421.61) / 2	843.24	0.90			
		(3.25-0.00) x (421.60+421.63) / 2	1370.25				
		(3.72-3.25) x (421.29+421.60) / 2	198.08				
		(3.55-3.72) x (421.33+421.29) / 2	-71.62				
		(1.95-3.55) x (421.49+421.33) / 2	-674.26				
		(-0.37-1.95) x (421.45+421.49) / 2	-977.81				
		(-1.47--0.37) x (421.42+421.45) / 2	-463.58				
		(-2.00--1.47) x (421.61+421.42) / 2	-223.40				
		(0.00--2.15) x (421.45+421.43) / 2	906.10			0.37	
		(3.25-0.00) x (421.43+421.45) / 2	1369.68				
(3.50-3.25) x (421.26+421.43) / 2	105.34						
(3.19-3.50) x (421.30+421.26) / 2	-130.60						
(1.86-3.19) x (421.42+421.30) / 2	-560.41						
(1.48-1.86) x (421.42+421.42) / 2	-160.14						
(-1.87-1.48) x (421.33+421.42) / 2	-1411.61						
(-2.15--1.87) x (421.43+421.33) / 2	-117.99						
Sez58 1270.98	B1	(3.25-2.02) x (421.24+421.25) / 2	518.13	0.07			
		(3.43-3.25) x (421.12+421.24) / 2	75.81				
		(2.02-3.43) x (421.25+421.12) / 2	-593.87				
Sez62 1336.34	B1	(3.25-1.07) x (418.08+418.10) / 2	911.44	0.10			
		(3.51-3.25) x (417.91+418.08) / 2	108.68				
		(2.76-3.51) x (418.04+417.91) / 2	-313.48				
		(1.07-2.76) x (418.10+418.04) / 2	-706.54				
Sez63 1360.00	B1	(3.25-1.12) x (416.93+416.95) / 2	888.08	0.26			
		(3.45-3.25) x (416.80+416.93) / 2	83.37				
		(2.29-3.45) x (416.79+416.80) / 2	-483.48				
		(1.68-2.29) x (416.82+416.79) / 2	-254.25				
		(1.12-1.68) x (416.95+416.82) / 2	-233.46				
Sez64 1385.59	B1	(0.00--1.33) x (415.80+415.79) / 2	553.01	0.27			
		(3.25-0.00) x (415.77+415.80) / 2	1351.30				
		(3.38-3.25) x (415.69+415.77) / 2	54.04				
		(3.24-3.38) x (415.75+415.69) / 2	-58.20				
		(0.37-3.24) x (415.72+415.75) / 2	-1193.16				
		(-1.06-0.37) x (415.71+415.72) / 2	-594.47				
		(-1.33--1.06) x (415.79+415.71) / 2	-112.25				
		(0.00--1.81) x (415.75+415.73) / 2	752.49			0.51	
(3.25-0.00) x (415.72+415.75) / 2	1351.14						
(3.78-3.25) x (415.37+415.72) / 2	220.24						
(3.13-3.78) x (415.55+415.37) / 2	-270.05						
(2.84-3.13) x (415.62+415.55) / 2	-120.52						
(2.39-2.84) x (415.63+415.62) / 2	-187.03						
(-1.00-2.39) x (415.66+415.63) / 2	-1409.04						
(-1.80--1.00) x (415.73+415.66) / 2	-332.56						
Sez71 1500.00	B1	(-1.81--1.80) x (415.73+415.73) / 2	-4.16	2.02			
		(0.00--2.43) x (416.03+416.01) / 2	1010.93				
		(3.25-0.00) x (416.00+416.03) / 2	1352.05				
		(4.88-3.25) x (414.93+416.00) / 2	677.21				
		(1.74-4.88) x (415.77+414.93) / 2	-1304.20				
		(-1.32-1.74) x (415.83+415.77) / 2	-1272.35				
		(-2.17--1.32) x (415.88+415.83) / 2	-353.48				
		(-2.22--2.17) x (415.89+415.88) / 2	-20.79				
Sez72 1523.38	B1	(-2.43--2.22) x (416.01+415.89) / 2	-87.35				
		(3.25-1.69) x (417.38+417.39) / 2	651.12				
		(4.56-3.25) x (416.52+417.38) / 2	546.20				
		(4.37-4.56) x (416.58+416.52) / 2	-79.14				
		(2.51-4.37) x (417.24+416.58) / 2	-775.45				
(2.03-2.51) x (417.37+417.24) / 2	-200.31						
A RIPORTARE mq			142.42				

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 13	
Riporto					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			142.42		
Sez73 1531.61	B1	(1.69-2.03)x(417.39+417.37)/2 (3.25-2.19)x(418.03+418.04)/2 (4.05-3.25)x(417.50+418.03)/2 (2.44-4.05)x(417.97+417.50)/2 (2.19-2.44)x(418.04+417.97)/2	-141.91 443.12 334.21 -672.55 -104.50	0.51	
Sez74 1539.83	B1	(3.25-2.23)x(418.56+418.57)/2 (4.74-3.25)x(417.58+418.56)/2 (2.23-4.74)x(418.57+417.58)/2	426.94 622.92 -1049.37	0.28	
Sez75 1560.00	B1	(3.25-2.57)x(419.04+419.04)/2 (3.87-3.25)x(418.63+419.04)/2 (2.57-3.87)x(419.04+418.63)/2	284.95 259.68 -544.49	0.49	
Sez76 1581.65	B1	(3.25-1.67)x(419.35+419.36)/2 (5.22-3.25)x(418.05+419.35)/2 (3.73-5.22)x(418.59+418.05)/2 (1.87-3.73)x(419.28+418.59)/2 (1.67-1.87)x(419.36+419.28)/2	662.58 824.84 -623.30 -779.22 -83.86	0.14	
Sez77 1593.32	B1	(3.25-1.77)x(419.07+419.08)/2 (4.18-3.25)x(418.46+419.07)/2 (3.71-4.18)x(418.61+418.46)/2 (2.68-3.71)x(418.99+418.61)/2 (2.53-2.68)x(419.03+418.99)/2 (2.44-2.53)x(419.06+419.03)/2 (1.77-2.44)x(419.08+419.06)/2	620.23 389.45 -196.71 -431.36 -62.85 -37.71 -280.78	1.04	
Sez78 1605.00	B1	(0.00--1.43)x(418.75+418.74)/2 (3.25-0.00)x(418.72+418.75)/2 (4.60-3.25)x(417.84+418.72)/2 (3.01-4.60)x(418.37+417.84)/2 (2.63-3.01)x(418.45+418.37)/2 (-1.23-2.63)x(418.70+418.45)/2 (-1.43--1.23)x(418.74+418.70)/2	598.81 1360.89 564.68 -664.79 -159.00 -1615.70 -83.74	0.27	
Sez79 1620.00	B1	(0.00--2.96)x(418.30+418.28)/2 (3.25-0.00)x(418.28+418.30)/2 (7.53-3.25)x(415.45+418.28)/2 (7.26-7.53)x(415.55+415.45)/2 (5.64-7.26)x(416.13+415.55)/2 (4.73-5.64)x(416.45+416.13)/2 (4.36-4.73)x(416.65+416.45)/2 (3.65-4.36)x(417.12+416.65)/2 (3.09-3.65)x(417.40+417.12)/2 (2.65-3.09)x(417.56+417.40)/2 (2.32-2.65)x(417.57+417.56)/2 (-1.18-2.32)x(417.65+417.57)/2 (-1.37--1.18)x(417.87+417.65)/2 (-2.96--1.37)x(418.28+417.87)/2	1238.14 1359.44 1784.18 -112.19 -673.66 -378.82 -154.12 -295.99 -233.67 -183.69 -137.80 -1461.63 -79.37 -664.74	1.15	
Sez80 1644.62	B1	(0.00--1.83)x(417.57+417.56)/2 (3.25-0.00)x(417.55+417.57)/2 (5.11-3.25)x(416.32+417.55)/2 (3.58-5.11)x(417.02+416.32)/2 (2.74-3.58)x(417.10+417.02)/2 (1.24-2.74)x(417.11+417.10)/2 (-0.86-1.24)x(417.11+417.11)/2 (-0.97--0.86)x(417.14+417.11)/2 (-1.83--0.97)x(417.56+417.14)/2	764.14 1357.07 775.50 -637.51 -350.33 -625.66 -875.93 -45.88 -358.92	6.08	
Sez81 1651.41	B1	(0.00--1.41)x(417.40+417.39)/2 (3.25-0.00)x(417.38+417.40)/2 (3.78-3.25)x(417.03+417.38)/2 (2.89-3.78)x(417.12+417.03)/2 (-0.28-2.89)x(417.12+417.12)/2 (-0.83--0.28)x(417.12+417.12)/2 (-0.86--0.83)x(417.13+417.12)/2 (-1.36--0.86)x(417.37+417.13)/2 (-1.41--1.36)x(417.39+417.37)/2	588.53 1356.52 221.12 -371.20 -1322.27 -229.42 -12.51 -208.63 -20.87	2.48	
Sez82 1658.20	B1	(0.00--1.22)x(417.40+417.39)/2 (3.25-0.00)x(417.38+417.40)/2 (3.59-3.25)x(417.16+417.38)/2 (3.12-3.59)x(417.15+417.16)/2 (0.84-3.12)x(417.16+417.15)/2 (-0.78-0.84)x(417.18+417.16)/2 (-1.22--0.78)x(417.39+417.18)/2	509.22 1356.52 141.87 -196.06 -951.11 -675.82 -183.61	1.27	
Sez83 1680.00	B1	(0.00--3.21)x(418.41+418.38)/2 (3.25-0.00)x(418.38+418.41)/2 (9.17-3.25)x(414.47+418.38)/2 (7.99-9.17)x(414.73+414.47)/2 (7.84-7.99)x(414.77+414.73)/2 (7.69-7.84)x(414.84+414.77)/2 (7.40-7.69)x(414.97+414.84)/2 (2.13-7.40)x(417.84+414.97)/2 (0.46-2.13)x(417.83+417.84)/2 (-1.92-0.46)x(417.82+417.83)/2 (-3.21--1.92)x(418.38+417.82)/2	1343.05 1359.78 2465.24 -489.23 -62.21 -62.22 -120.32 -2194.45 -697.78 -994.42 -539.35	1.01	
Sez84 1710.00	B1	(-3.25--3.58)x(420.08+419.86)/2 (0.00--3.25)x(420.10+420.08)/2 (3.25-0.00)x(420.08+420.10)/2 (9.31-3.25)x(416.08+420.08)/2 (10.81-9.31)x(416.08+416.08)/2 (13.49-10.81)x(414.31+416.08)/2 (13.45-13.49)x(414.32+414.31)/2 (12.30-13.45)x(414.50+414.32)/2 (11.63-12.30)x(414.70+414.50)/2 (7.86-11.63)x(415.76+414.70)/2 (-2.57-7.86)x(419.84+415.76)/2 (-3.58--2.57)x(419.86+419.84)/2	138.59 1365.29 1365.29 2533.56 624.12 1112.72 -16.57 -476.57 -277.78 -1565.42 -4357.65 -424.05	8.09	
				21.53	
A RIPORTARE mq					

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE		Foglio n. 14	
Riporto					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq					
Sez85 1740.00	B1	$(-3.25--3.51) \times (421.78+421.61) / 2$ $(0.00--3.25) \times (421.80+421.78) / 2$ $(3.25-0.00) \times (421.78+421.80) / 2$ $(5.04-3.25) \times (420.60+421.78) / 2$ $(0.82-5.04) \times (421.71+420.60) / 2$ $(0.48-0.82) \times (421.66+421.71) / 2$ $(-1.72-0.48) \times (421.61+421.66) / 2$ $(-3.41--1.72) \times (421.58+421.61) / 2$ $(-3.51--3.41) \times (421.61+421.58) / 2$	109.64 1370.82 1370.82 753.93 -1777.27 -143.37 -927.60 -712.50 -42.16	2.31	
Sez86 1770.00	B1	$(0.00--1.57) \times (423.54+423.53) / 2$ $(3.25-0.00) \times (423.51+423.54) / 2$ $(3.46-3.25) \times (423.38+423.51) / 2$ $(2.34-3.46) \times (423.50+423.38) / 2$ $(-0.02-2.34) \times (423.50+423.50) / 2$ $(-1.56--0.02) \times (423.53+423.50) / 2$ $(-1.57--1.56) \times (423.53+423.53) / 2$	664.95 1376.46 88.92 -474.25 -999.46 -652.21 -4.24	0.17	
Sez87 1800.00	B1	$(-3.25--3.61) \times (426.19+425.95) / 2$ $(0.00--3.25) \times (426.21+426.19) / 2$ $(3.25-0.00) \times (426.19+426.21) / 2$ $(3.85-3.25) \times (425.79+426.19) / 2$ $(3.50-3.85) \times (425.83+425.79) / 2$ $(2.77-3.50) \times (425.90+425.83) / 2$ $(2.67-2.77) \times (425.92+425.90) / 2$ $(2.57-2.67) \times (425.94+425.92) / 2$ $(2.10-2.57) \times (425.92+425.94) / 2$ $(1.55-2.10) \times (425.90+425.92) / 2$ $(-2.12-1.55) \times (425.91+425.90) / 2$ $(-3.61--2.12) \times (425.95+425.91) / 2$	153.39 1385.15 1385.15 255.59 -149.03 -310.88 -42.59 -42.59 -200.19 -234.25 -1563.07 -634.64	2.04	
Sez89 1860.00	B1	$(3.25-0.37) \times (430.03+430.05) / 2$ $(4.29-3.25) \times (429.34+430.03) / 2$ $(2.96-4.29) \times (429.70+429.34) / 2$ $(2.25-2.96) \times (429.81+429.70) / 2$ $(0.37-2.25) \times (430.05+429.81) / 2$	1238.52 446.87 -571.26 -305.13 -808.27	0.73	
Sez90 1880.79	B1	$(-3.25--4.52) \times (429.98+429.15) / 2$ $(0.00--3.25) \times (430.01+429.98) / 2$ $(3.25-0.00) \times (429.98+430.01) / 2$ $(7.44-3.25) \times (427.22+429.98) / 2$ $(7.35-7.44) \times (427.25+427.22) / 2$ $(7.30-7.35) \times (427.27+427.25) / 2$ $(2.31-7.30) \times (428.36+427.27) / 2$ $(0.14-2.31) \times (428.72+428.36) / 2$ $(-4.52-0.14) \times (429.15+428.72) / 2$	545.55 1397.48 1397.48 1795.83 -38.45 -21.36 -2134.80 -929.93 -1998.84	12.96	
Sez91 1907.18	B1	$(-3.25--7.79) \times (429.93+426.93) / 2$ $(0.00--3.25) \times (429.95+429.93) / 2$ $(3.25-0.00) \times (429.93+429.95) / 2$ $(9.31-3.25) \times (425.93+429.93) / 2$ $(10.81-9.31) \times (425.93+425.93) / 2$ $(13.19-10.81) \times (424.36+425.93) / 2$ $(9.95-13.19) \times (424.92+424.36) / 2$ $(9.80-9.95) \times (425.02+424.92) / 2$ $(8.70-9.80) \times (425.35+425.02) / 2$ $(4.07-8.70) \times (425.99+425.35) / 2$ $(2.36-4.07) \times (426.33+425.99) / 2$ $(1.98-2.36) \times (426.36+426.33) / 2$ $(-0.16-1.98) \times (426.67+426.36) / 2$ $(-5.41--0.16) \times (427.60+426.67) / 2$ $(-7.75--5.41) \times (426.93+427.60) / 2$ $(-7.79--7.75) \times (426.93+426.93) / 2$	1945.07 1397.31 1397.31 2593.26 638.89 1011.85 -1375.83 -63.75 -467.70 -1970.85 -728.73 -162.01 -912.74 -2242.46 -999.80 -17.08	42.74	
Sez92 1933.57	B1	$(-3.25--4.39) \times (429.87+429.12) / 2$ $(0.00--3.25) \times (429.90+429.87) / 2$ $(3.25-0.00) \times (429.87+429.90) / 2$ $(7.38-3.25) \times (427.15+429.87) / 2$ $(6.28-7.38) \times (427.30+427.15) / 2$ $(3.90-6.28) \times (427.55+427.30) / 2$ $(3.43-3.90) \times (427.67+427.55) / 2$ $(1.54-3.43) \times (428.04+427.67) / 2$ $(1.34-1.54) \times (428.06+428.04) / 2$ $(-0.89-1.34) \times (428.85+428.06) / 2$ $(-3.15--0.89) \times (428.96+428.85) / 2$ $(-4.39--3.15) \times (429.12+428.96) / 2$	489.62 1397.13 1397.13 1769.75 -469.95 -1017.27 -200.98 -808.65 -85.61 -955.45 -969.33 -532.01	14.38	
Sez93 1950.00	B1	$(0.00--1.37) \times (429.86+429.85) / 2$ $(3.25-0.00) \times (429.84+429.86) / 2$ $(8.10-3.25) \times (426.63+429.84) / 2$ $(0.88-8.10) \times (429.07+426.63) / 2$ $(-1.37-0.88) \times (429.85+429.07) / 2$	588.90 1397.01 2076.94 -3089.08 -966.29	7.48	
Sez94 1980.00	B1	$(-3.25--3.63) \times (429.77+429.52) / 2$ $(0.00--3.25) \times (429.80+429.77) / 2$ $(3.25-0.00) \times (429.77+429.80) / 2$ $(9.31-3.25) \times (425.77+429.77) / 2$ $(10.81-9.31) \times (425.77+425.77) / 2$ $(14.68-10.81) \times (423.22+425.77) / 2$ $(14.46-14.68) \times (423.29+423.22) / 2$ $(14.33-14.46) \times (423.33+423.29) / 2$ $(9.17-14.33) \times (425.30+423.33) / 2$ $(7.39-9.17) \times (425.84+425.30) / 2$ $(5.98-7.39) \times (426.25+425.84) / 2$ $(2.19-5.98) \times (427.61+426.25) / 2$ $(1.70-2.19) \times (427.77+427.61) / 2$ $(-1.03-1.70) \times (428.67+427.77) / 2$ $(-3.63--1.03) \times (429.52+428.67) / 2$	163.27 1396.80 1396.80 2592.29 638.65 1642.80 -93.12 -55.03 -2189.47 -757.51 -600.72 -1618.06 -209.57 -1169.04 -1115.65	22.44	
Sez95 2010.00	B1	$(-3.25--3.33) \times (430.40+430.35) / 2$ $(0.00--3.25) \times (430.43+430.40) / 2$ $(3.25-0.00) \times (430.40+430.43) / 2$ $(9.82-3.25) \times (426.07+430.40) / 2$ $(3.43-9.82) \times (428.06+426.07) / 2$ $(-3.33-3.43) \times (430.35+428.06) / 2$	34.43 1398.85 1398.85 2813.50 -2728.95 -2901.43		
A RIPORTARE mq			15.25		

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		CALCOLO DELLE AREE	Foglio n. 15		
Riporto					
N. SEZIONE PROG.	FIG.	ELEMENTI DI CALCOLO	AREA ELEMENTARE mq	AREA FIGURA mq	NOTE
RIPORTO mq			15.25		
Sez97 2070.00	B1	$(-3.25--4.46) \times (438.81+438.01) / 2$ $(0.00--3.25) \times (438.83+438.81) / 2$ $(3.25-0.00) \times (438.81+438.83) / 2$ $(8.08-3.25) \times (435.62+438.81) / 2$ $(-4.23-8.08) \times (437.97+435.62) / 2$ $(-4.46--4.23) \times (438.01+437.97) / 2$	530.48 1426.16 1426.16 2111.75 -5376.95 -100.74	15.25	
Sez98 2100.00	B1	$(-3.25--5.19) \times (443.41+442.13) / 2$ $(0.00--3.25) \times (443.43+443.41) / 2$ $(3.25-0.00) \times (443.41+443.43) / 2$ $(8.73-3.25) \times (439.80+443.41) / 2$ $(-5.19-8.73) \times (442.13+439.80) / 2$	858.97 1441.12 1441.12 2420.00 -6138.23	16.86	
Sez99 2120.00	B1	$(-3.25--4.19) \times (445.88+445.26) / 2$ $(0.00--3.25) \times (445.90+445.88) / 2$ $(3.25-0.00) \times (445.88+445.90) / 2$ $(5.57-3.25) \times (444.35+445.88) / 2$ $(-4.19-5.57) \times (445.26+444.35) / 2$	418.84 1449.14 1449.14 1032.67 -4341.30	22.98	
Sez100 2130.00	B1	$(-21.19--24.73) \times (446.54+444.20) / 2$ $(-5.40--21.19) \times (446.54+446.54) / 2$ $(-5.47--5.40) \times (446.53+446.54) / 2$ $(-24.73--5.47) \times (444.20+446.53) / 2$	1576.61 7050.87 -31.26 -8577.73	8.49	
Sez100 2130.00	B2	$(7.73-1.00) \times (446.54+446.54) / 2$ $(8.86-7.73) \times (445.79+446.54) / 2$ $(1.00-8.86) \times (446.54+445.79) / 2$	3005.21 504.17 -3506.86	18.49	
Sez101 2140.00	B1	$(-19.62--22.01) \times (446.77+445.19) / 2$ $(-11.22--19.62) \times (446.77+446.77) / 2$ $(-15.09--11.22) \times (446.23+446.77) / 2$ $(-22.01--15.09) \times (445.19+446.23) / 2$	1065.89 3752.87 -1727.95 -3084.31	2.52	
Sez102 2150.00	B1	$(-32.80--41.30) \times (446.77+441.16) / 2$ $(-15.04--32.80) \times (446.77+446.77) / 2$ $(-24.56--15.04) \times (445.34+446.77) / 2$ $(-30.08--24.56) \times (443.80+445.34) / 2$ $(-31.82--30.08) \times (443.33+443.80) / 2$ $(-33.33--31.82) \times (442.92+443.33) / 2$ $(-35.62--33.33) \times (442.53+442.92) / 2$ $(-41.30--35.62) \times (441.16+442.53) / 2$	3773.70 7934.64 -4246.44 -2454.03 -771.80 -669.12 -1013.84 -2509.68	6.50	
Sez103 2160.00	B1	$(-31.18--38.40) \times (446.77+442.01) / 2$ $(-18.58--31.18) \times (446.77+446.77) / 2$ $(-23.17--18.58) \times (446.08+446.77) / 2$ $(-27.43--23.17) \times (444.90+446.08) / 2$ $(-33.97--27.43) \times (443.09+444.90) / 2$ $(-38.40--33.97) \times (442.01+443.09) / 2$	3208.50 5629.30 -2049.09 -1897.79 -2903.73 -1960.50	43.43	
Sez104 2170.00	B1	$(-29.57--34.92) \times (446.77+443.24) / 2$ $(-17.94--29.57) \times (446.77+446.77) / 2$ $(-18.60--17.94) \times (446.71+446.77) / 2$ $(-23.26--18.60) \times (446.43+446.71) / 2$ $(-33.96--23.26) \times (443.48+446.43) / 2$ $(-34.92--33.96) \times (443.24+443.48) / 2$	2380.78 5195.94 -294.85 -2081.02 -4761.02 -425.63	26.69	
Sez104 2170.00	B2	$(19.18-16.97) \times (446.77+446.77) / 2$ $(19.78-19.18) \times (446.37+446.77) / 2$ $(19.05-19.78) \times (446.50+446.37) / 2$ $(18.76-19.05) \times (446.55+446.50) / 2$ $(16.97-18.76) \times (446.77+446.55) / 2$	987.36 267.94 -325.90 -129.49 -799.52	14.20	
Sez105 2182.30	B1	$(-27.59--29.83) \times (446.77+445.29) / 2$ $(-18.83--27.59) \times (446.77+446.77) / 2$ $(-19.99--18.83) \times (446.70+446.77) / 2$ $(-24.30--19.99) \times (446.41+446.70) / 2$ $(-24.97--24.30) \times (446.38+446.41) / 2$ $(-26.69--24.97) \times (446.08+446.38) / 2$ $(-29.83--26.69) \times (445.29+446.08) / 2$	999.11 3913.71 -518.21 -1924.65 -299.08 -767.52 -1399.45	0.39	
Sez105 2182.30	B2	$(11.41-5.26) \times (446.77+446.77) / 2$ $(16.16-11.41) \times (446.77+446.77) / 2$ $(19.20-16.16) \times (444.77+446.77) / 2$ $(8.92-19.20) \times (446.34+444.77) / 2$ $(6.01-8.92) \times (446.70+446.34) / 2$ $(5.26-6.01) \times (446.77+446.70) / 2$	2747.64 2122.16 1355.14 -4580.31 -1299.37 -335.05	3.91	
Sez106 2190.00	B1	$(-26.35--27.96) \times (446.77+445.71) / 2$ $(-15.97--26.35) \times (446.77+446.77) / 2$ $(-18.97--15.97) \times (446.57+446.77) / 2$ $(-24.65--18.97) \times (446.28+446.57) / 2$ $(-27.96--24.65) \times (445.71+446.28) / 2$	718.45 4637.47 -1340.01 -2535.69 -1476.24	10.21	
Sez106 2190.00	B2	$(12.02--6.60) \times (446.77+446.77) / 2$ $(16.05-12.02) \times (444.11+446.77) / 2$ $(11.19-16.05) \times (444.85+444.11) / 2$ $(4.58-11.19) \times (445.81+444.85) / 2$ $(-5.38-4.58) \times (446.68+445.81) / 2$ $(-6.60--5.38) \times (446.77+446.68) / 2$	8318.86 1795.12 -2160.17 -2943.63 -4444.60 -545.00	3.98	
Sez107 2200.00	B1	$(-24.74--26.19) \times (446.77+445.81) / 2$ $(-7.28--24.74) \times (446.77+446.77) / 2$ $(-4.99--7.28) \times (445.26+446.77) / 2$ $(-6.69--4.99) \times (445.39+445.26) / 2$ $(-17.91--6.69) \times (446.33+445.39) / 2$ $(-20.60--17.91) \times (446.34+446.33) / 2$ $(-24.23--20.60) \times (446.15+446.34) / 2$ $(-26.19--24.23) \times (445.81+446.15) / 2$	647.12 7800.60 1021.37 -757.05 -5002.55 -1200.64 -1619.87 -874.12	20.58	
				14.86	
Il Direttore dei Lavori		L'Impresa			

		COMPUTO DEI VOLUMI					Foglio n. 16	
Sterro								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
Sez1	Sez2	Sez2	A1	45.57	21.00	10.50	478.49	478.49
Sez2 21.00	Sez3 42.96	Sez2 Sez3	A1 A1	45.57 47.37	21.96 21.96	10.98 10.98	500.36 520.12	
Sez3 42.96	Sez4 60.00	Sez3 Sez4	A1 A1	47.37 2.52	17.04 17.04	8.52 8.52	403.59 21.47	1020.48
Sez4 60.00	Sez5 71.28	Sez4 Sez5	A1 A1	2.52 0.11	11.28 11.28	5.64 5.64	14.21 0.62	425.06
Sez5 71.28	Sez6 85.00	Sez5 Sez6	A1 A1	0.11 3.37	13.72 13.72	6.86 6.86	0.75 23.12	14.83
Sez6 85.00	Sez7 99.59	Sez6 Sez7	A1 A1	3.37 1.06	14.59 14.59	7.30 7.30	24.60 7.74	23.87
Sez7 99.59	Sez8 112.25	Sez7 A1 Sez8 A2 Sez8 A2	A1 A1 A2 A1	1.06 21.03 1.11 28.52	12.66 12.66 12.66 27.75	6.33 6.33 6.33 13.88	6.71 133.12 7.03 291.90	32.34
Sez8 112.25	Sez9 140.00	Sez8 A2 Sez9 A1	A1 A2 A1	1.11 28.52 28.52	12.66 27.75 27.75	6.33 13.88 13.88	7.03 395.86 5.25	146.86
Sez9 140.00	Sez10 170.00	Sez9 A1 Sez10 A1	A1 A1	28.52 0.35 0.35	30.00 30.00 27.99	15.00 15.00 14.00	427.80 5.25 4.90	703.17
Sez10 170.00	Sez11 197.99	Sez10 A1 Sez11 A1	A1 A1	0.35 13.22 13.22	27.99 27.99 22.01	14.00 14.00 11.00	185.08 185.08 145.42	433.05
Sez11 197.99	Sez12 220.00	Sez11 A1 Sez12 A1	A1 A1	13.22 12.13 12.13	22.01 22.01 20.00	11.00 11.00 10.00	133.43 133.43 121.30	189.98
Sez12 220.00	Sez13 240.00	Sez12 A1 Sez13 A1	A1 A1	9.86 9.86 2.96	20.00 20.00 20.00	10.00 10.00 10.00	98.60 98.60 29.60	278.85
Sez13 240.00	Sez14 260.00	Sez13 A1 Sez14 A1	A1 A1	2.96 2.96 2.96	20.00 20.00 23.73	10.00 10.00 11.87	98.60 29.60 35.14	219.90
Sez14 240.00	Sez15 315.00	Sez14 A1 Sez15 A1	A1 A1	2.96 0.13 0.13	23.73 8.44 22.83	11.87 4.22 11.41	35.14 0.55 1.48	128.20
Sez15 315.00	Sez16 335.43	Sez15 A1 Sez16 A1	A1 A1	0.13 0.17 0.17	8.44 22.83 22.83	4.22 11.41 11.41	0.55 1.94 1.94	35.14
Sez16 315.00	Sez17 360.00	Sez16 A1 Sez17 A1	A1 A1	0.17 4.84 4.84	20.43 20.43 24.57	10.22 10.22 12.28	1.74 49.46 59.44	0.55
Sez17 315.00	Sez18 360.00	Sez17 A1 Sez18 A1	A1 A1	4.84 0.21 0.21	20.43 24.57 24.57	10.22 12.28 12.28	49.46 2.58 2.58	51.20
Sez18 335.43	Sez19 432.69	Sez18 A1 Sez19 A1	A1 A1	0.21 0.21 4.46	24.57 24.57 26.32	12.28 12.28 13.16	2.58 2.58 58.69	62.02
Sez19 335.43	Sez20 432.69	Sez19 A1 Sez20 A1	A1 A1	0.21 4.46 4.46	18.68 26.32 27.69	9.34 13.16 13.84	1.96 58.69 61.73	1.96
Sez20 405.00	Sez21 451.55	Sez20 A1 Sez21 A1	A1 A1	4.46 2.24 2.24	27.69 27.69 18.86	13.84 13.84 9.43	31.00 31.00 21.12	58.69
Sez21 405.00	Sez22 451.55	Sez21 A1 Sez22 A1	A1 A1	2.24 1.11 1.11	18.86 18.86 18.86	9.43 9.43 9.43	10.47 10.47 10.47	92.73
Sez22 432.69	Sez23 470.41	Sez22 A1 Sez23 A1	A1 A1	1.11 0.08 0.08	18.86 18.86 29.59	9.43 9.43 14.79	10.47 0.75 1.18	31.59
Sez23 451.55	Sez24 530.00	Sez23 A1 Sez24 A1	A1 A1	0.08 5.05 5.05	29.59 30.00 22.51	14.79 15.00 11.25	1.18 75.75 56.81	11.22
Sez24 451.55	Sez25 552.51	Sez24 A1 Sez25 A1	A1 A1	5.05 2.76 2.76	30.00 22.51 22.51	15.00 11.25 11.25	75.75 31.05 31.05	75.75
Sez25 530								

		COMPUTO DEI VOLUMI					Foglio n. 17	
Sterro								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
A RIPORTARE mc								5300.09
Sez37 750.00	Sez38 780.00	Sez37 Sez38	A1 A1	0.06 3.13	30.00 30.00	15.00 15.00	0.90 46.95	
Sez38 780.00	Sez39 810.00	Sez38 Sez39	A1 A1	3.13 13.34	30.00 30.00	15.00 15.00	46.95 200.10	47.85
Sez39 810.00	Sez40 840.00	Sez39 Sez40	A1 A1	13.34 6.27	30.00 30.00	15.00 15.00	200.10 94.05	247.05
Sez40 840.00	Sez41 856.59	Sez40 A1 Sez41 A2	A1 A1 A2	6.27 4.39 0.04	16.59 16.59 16.59	8.30 8.30 8.30	52.04 36.44 0.33	294.15
Sez41 856.59	Sez42 870.06	Sez41 A1 A2 Sez42 A1	A1 A2 A1	4.39 0.04 3.70	13.47 13.47 13.47	6.73 6.73 6.73	29.54 0.27 24.90	88.81
Sez42	Sez43	Sez42	A1	3.70	13.47	6.74	24.94	54.71
Sez44	Sez45	Sez45	A1	4.32	26.41	13.20	57.02	24.94
Sez45 926.41	Sez46 957.53	Sez45 A1 Sez46 A1	A1 A1	4.32 0.25	31.12 31.12	15.56 15.56	67.22 3.89	57.02
Sez46 957.53	Sez47 988.65	Sez46 A1 Sez47 A1	A1 A1	0.25 4.23	31.12 31.12	15.56 15.56	3.89 65.82	71.11
Sez47 988.65	Sez48 1012.28	Sez47 A1 Sez48 A1	A1 A1	4.23 0.75	23.63 23.63	11.81 11.81	49.96 8.86	69.71
Sez48	Sez49	Sez48	A1	0.75	37.72	18.86	14.14	58.82
Sez50	Sez51	Sez51	A1	0.71	38.09	19.04	13.52	14.14
Sez51 1118.09	Sez52 1152.20	Sez51 A1 Sez52 A1	A1 A1	0.71 2.99	34.11 34.11	17.06 17.06	12.11 51.01	13.52
Sez52 1152.20	Sez53 1170.00	Sez52 A1 Sez53 A1	A1 A1	2.99 6.57	17.80 17.80	8.90 8.90	26.61 58.47	63.12
Sez53 1170.00	Sez54 1186.31	Sez53 A1 Sez54 A1	A1 A1	6.57 2.07	16.31 16.31	8.15 8.15	53.55 16.87	85.08
Sez54	Sez55	Sez54	A1	2.07	33.69	16.85	34.88	70.42
Sez55	Sez56	Sez56	A1	0.63	37.72	18.86	11.88	34.88
Sez56 1257.72	Sez57 1264.35	Sez56 A1 Sez57 A1	A1 A1	0.63 0.51	6.63 6.63	3.31 3.31	2.09 1.69	11.88
Sez57 1264.35	Sez58 1270.98	Sez57 A1 Sez58 A1 Sez58 A2	A1 A1 A2	0.51 0.85 0.05	6.63 6.63 6.63	3.32 3.32 3.32	1.69 2.82 0.17	3.78
Sez58 1270.98	Sez59 1290.00	Sez58 A1 Sez58 A2 Sez59 A1	A1 A2 A1	0.85 0.05 2.77	19.02 19.02 19.02	9.51 9.51 9.51	8.08 0.48 26.34	4.68
Sez59 1290.00	Sez60 1308.85	Sez59 A1 Sez60 A1	A1 A1	2.77 2.81	18.85 18.85	9.42 9.42	26.09 26.47	34.90
Sez60 1308.85	Sez61 1322.60	Sez60 A1 Sez61 A1	A1 A1	2.81 1.81	13.75 13.75	6.88 6.88	19.33 12.45	52.56
Sez61 1322.60	Sez62 1336.34	Sez61 A1 Sez62 A1	A1 A1	1.81 1.52	13.74 13.74	6.87 6.87	12.43 10.44	31.78
Sez62 1336.34	Sez63 1360.00	Sez62 A1 Sez63 A1	A1 A1	1.52 3.37	23.66 23.66	11.83 11.83	17.98 39.87	22.87
Sez63 1360.00	Sez64 1385.59	Sez63 A1 Sez64 A1	A1 A1	3.37 1.37	25.59 25.59	12.79 12.79	43.10 17.52	57.85
Sez64 1385.59	Sez65 1397.10	Sez64 A1 Sez65 A1	A1 A1	1.37 0.52	11.51 11.51	5.75 5.75	7.88 2.99	60.62
Sez65 1397.10	Sez66 1408.60	Sez65 A1 Sez66 A1	A1 A1	0.52 3.88	11.50 11.50	5.75 5.75	2.99 22.31	10.87
Sez66 1408.60	Sez67 1423.86	Sez66 A1 Sez67 A1	A1 A1	3.88 8.00	15.26 15.26	7.63 7.63	29.60 61.04	25.30
Sez67 1423.86	Sez68 1431.33							

37.23	7574.60
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3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		COMPUTO DEI VOLUMI					Foglio n. 18	
Sterro								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
A RIPORTARE mc							37.23	7574.60
Sez75 1560.00	Sez76 1581.65	Sez75 Sez76	A1 A1	1.83 0.89	21.65 21.65	10.83 10.83	19.82 9.64	37.23
Sez76 1581.65	Sez77 1593.32	Sez76 Sez77	A1 A1	0.89 0.98	11.67 11.67	5.83 5.83	5.19 5.71	29.46
Sez77 1593.32	Sez78 1605.00	Sez77 Sez78	A1 A1	0.98 0.50	11.68 11.68	5.84 5.84	5.72 2.92	10.90
Sez78 1605.00	Sez79 1620.00	Sez78 Sez79	A1 A1	0.50 0.02	15.00 15.00	7.50 7.50	3.75 0.15	8.64
Sez79 1620.00	Sez80 1644.62	Sez79 Sez80	A1 A1	0.02 0.94	24.62 24.62	12.31 12.31	0.25 11.57	3.90
Sez80 1644.62	Sez81 1651.41	Sez80 Sez81	A1 A1	0.94 1.06	6.79 6.79	3.40 3.40	3.20 3.60	11.82
Sez81 1651.41	Sez82 1658.20	Sez81 Sez82	A1 A1	1.06 2.17	6.79 6.79	3.39 3.39	3.59 7.36	6.80
Sez82	Sez83	Sez82	A1	2.17	21.80	10.90	23.65	10.95
Sez85	Sez86	Sez86	A1	1.04	30.00	15.00	15.60	23.65
Sez86	Sez87	Sez86	A1	1.04	30.00	15.00	15.60	15.60
Sez87	Sez88	Sez88	A1	3.25	30.00	15.00	48.75	15.60
Sez88 1830.00	Sez89 1860.00	Sez88 Sez89	A1 A1	3.25 0.99	30.00 30.00	15.00 15.00	48.75 14.85	48.75
Sez89	Sez90	Sez89	A1	0.99	20.79	10.39	10.29	63.60
Sez92	Sez93	Sez93	A1	1.24	16.43	8.22	10.19	10.29
Sez93	Sez94	Sez93	A1	1.24	30.00	15.00	18.60	10.19
Sez95	Sez96	Sez96	A1	39.82	30.00	15.00	597.30	18.60
Sez96	Sez97	Sez96	A1	39.82	30.00	15.00	597.30	597.30
Sez99	Sez100	Sez100	A1	1.12	10.00	5.00	5.60	597.30
Sez100 2130.00	Sez101 2140.00	Sez100 Sez101	A1 A1	1.12 17.88	10.00 10.00	5.00 5.00	5.60 89.40	5.60
Sez101 2140.00	Sez102 2150.00	Sez101 Sez102	A1 A1	17.88 32.97	10.00 10.00	5.00 5.00	89.40 164.85	95.00
Sez102 2150.00	Sez103 2160.00	Sez102 Sez103	A1 A1	32.97 35.18	10.00 10.00	5.00 5.00	164.85 175.90	254.25
Sez103 2160.00	Sez104 2170.00	Sez103 Sez104	A1 A1	35.18 30.41	10.00 10.00	5.00 5.00	175.90 152.05	340.75
Sez104 2170.00	Sez105 2182.30	Sez104 Sez105	A1 A1	30.41 10.60	12.30 12.30	6.15 6.15	187.02 65.19	327.95
Sez105 2182.30	Sez106 2190.00	Sez105 Sez106	A1 A1	10.60 1.55	7.70 7.70	3.85 3.85	40.81 5.97	252.21
Sez106	Sez107	Sez106	A1	1.55	10.00	5.00	7.75	46.78
								7.75
Il Direttore dei Lavori			L'Impresa			TOTALE ARTICOLO		10425.47

Riporto		COMPUTO DEI VOLUMI			Foglio n. 19			
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
Sez1	Sez2	Sez1	B1	9.19	21.00	10.50	96.49	
Sez3	Sez4	Sez4	B1	0.11	17.04	8.52	0.94	96.49
Sez4	Sez5	Sez4	B1	0.11	11.28	5.64	0.62	0.94
60.00	71.28	Sez5	B1	3.88	11.28	5.64	21.88	
Sez5	Sez6	Sez5	B1	3.88	13.72	6.86	26.62	22.50
71.28	85.00	Sez6	B1	4.86	13.72	6.86	33.34	
Sez6	Sez7	Sez6	B1	4.86	14.59	7.30	35.48	59.96
85.00	99.59	Sez7	B1	2.15	14.59	7.30	15.69	
Sez7	Sez8	Sez7	B1	2.15	12.66	6.33	13.61	51.11
99.59	112.25	Sez8	B1	0.40	12.66	6.33	2.53	
Sez8	Sez9	Sez8	B1	0.40	27.75	13.88	5.55	16.14
112.25	140.00	Sez9	B1	4.34	27.75	13.88	60.24	
Sez9	Sez10	Sez9	B1	4.34	30.00	15.00	65.10	65.79
140.00	170.00	Sez10	B1	10.14	30.00	15.00	152.10	
Sez10	Sez11	Sez10	B1	10.14	27.99	14.00	141.96	217.20
170.00	197.99	Sez11	B1	1.97	27.99	14.00	27.58	
Sez11	Sez12	Sez11	B1	1.97	22.01	11.00	21.67	169.54
Sez13	Sez14	Sez14	B1	0.08	20.00	10.00	0.80	21.67
Sez14	Sez15	Sez14	B1	0.08	23.73	11.87	0.95	0.80
260.00	283.73	Sez15	B1	4.32	23.73	11.87	51.28	
Sez15	Sez16	Sez15	B1	4.32	8.44	4.22	18.23	52.23
283.73	292.17	Sez16	B1	5.28	8.44	4.22	22.28	
Sez16	Sez17	Sez16	B1	5.28	22.83	11.41	60.24	40.51
292.17	315.00	Sez17	B1	0.91	22.83	11.41	10.38	
Sez17	Sez18	Sez17	B1	0.91	20.43	10.22	9.30	70.62
Sez18	Sez19	Sez19	B1	1.63	24.57	12.28	20.02	9.30
Sez19	Sez20	Sez19	B1	1.63	18.68	9.34	15.22	20.02
360.00	378.68	Sez20	B1	3.86	18.68	9.34	36.05	
Sez20	Sez21	Sez20	B1	3.86	26.32	13.16	50.80	51.27
378.68	405.00	Sez21	B1	2.32	26.32	13.16	30.53	
Sez21	Sez22	Sez21	B1	2.32	27.69	13.84	32.11	81.33
Sez23	Sez24	Sez24	B1	1.82	18.86	9.43	17.16	32.11
Sez24	Sez25	Sez24	B1	1.82	29.59	14.79	26.92	17.16
470.41	500.00	Sez25	B1	2.65	29.59	14.79	39.19	
Sez25	Sez26	Sez25	B1	2.65	30.00	15.00	39.75	66.11
500.00	530.00	Sez26	B1	0.31	30.00	15.00	4.65	
Sez26	Sez27	Sez26	B1	0.31	22.51	11.25	3.49	44.40
530.00	552.51	Sez27	B1	0.12	22.51	11.25	1.35	
Sez27	Sez28	Sez27	B1	0.12	17.49	8.75	1.05	4.84
552.51	570.00	Sez28	B1	0.51	17.49	8.75	4.46	
Sez28	Sez29	Sez28	B1	0.51	13.58	6.79	3.46	5.51
570.00	583.58	Sez29	B1	1.25	13.58	6.79	8.49	
Sez29	Sez30	Sez29	B1	1.25	16.42	8.21	10.26	11.95
583.58	600.00	Sez30	B1	2.12	16.42	8.21	17.41	
Sez30	Sez31	Sez30	B1	2.12	14.65	7.32	15.52	27.67
Sez33	Sez34	Sez34	B1	0.15	33.75	16.88	2.53	15.52
Sez34	Sez35	Sez34	B1	0.15	13.09	6.55	0.98	2.53
703.75								

0	1.6	1520
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		COMPUTO DEI VOLUMI					Foglio n. 20	
Riporto								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
A RIPORTARE mc							0.16	1520.65
926.41	957.53	Sez46	B2	0.71	31.12	15.56	11.05	
Sez46	Sez47	Sez46	B1	0.01	31.12	15.56	0.16	11.21
957.53	988.65	Sez46	B2	0.71	31.12	15.56	11.05	
Sez47	Sez48	Sez48	B1	0.36	23.63	11.81	4.25	11.21
Sez48	Sez49	Sez48	B1	0.36	37.72	18.86	6.79	4.25
1012.28	1050.00	Sez49	B1	4.97	37.72	18.86	93.73	
Sez49	Sez50	Sez49	B1	4.97	30.00	15.00	74.55	100.57
1050.00	1080.00	Sez50	B1	3.49	30.00	15.00	52.35	
Sez50	Sez51	Sez50	B1	3.49	38.09	19.04	66.45	126.90
1080.00	1118.09	Sez51	B1	3.12	38.09	19.04	59.40	
Sez51	Sez52	Sez51	B1	3.12	34.11	17.06	53.23	125.85
Sez54	Sez55	Sez55	B1	4.90	33.69	16.85	82.57	53.23
Sez55	Sez56	Sez55	B1	4.90	37.72	18.86	92.41	82.57
1220.00	1257.72	Sez56	B1	0.90	37.72	18.86	16.97	
Sez56	Sez57	Sez56	B1	0.90	6.63	3.31	2.98	109.38
1257.72	1264.35	Sez57	B1	0.37	6.63	3.31	1.22	
Sez57	Sez58	Sez57	B1	0.37	6.63	3.32	1.23	4.20
1264.35	1270.98	Sez58	B1	0.07	6.63	3.32	0.23	
Sez58	Sez59	Sez58	B1	0.07	19.02	9.51	0.67	1.46
Sez61	Sez62	Sez62	B1	0.10	13.74	6.87	0.69	0.67
Sez62	Sez63	Sez62	B1	0.10	23.66	11.83	1.18	0.69
1336.34	1360.00	Sez63	B1	0.26	23.66	11.83	3.08	
Sez63	Sez64	Sez63	B1	0.26	25.59	12.79	3.33	4.26
1360.00	1385.59	Sez64	B1	0.27	25.59	12.79	3.45	
Sez64	Sez65	Sez64	B1	0.27	11.51	5.75	1.55	6.78
1385.59	1397.10	Sez65	B1	0.51	11.51	5.75	2.93	
Sez65	Sez66	Sez65	B1	0.51	11.50	5.75	2.93	4.48
Sez70	Sez71	Sez71	B1	2.02	30.00	15.00	30.30	2.93
Sez71	Sez72	Sez71	B1	2.02	23.38	11.69	23.61	30.30
1500.00	1523.38	Sez72	B1	0.51	23.38	11.69	5.96	
Sez72	Sez73	Sez72	B1	0.51	8.23	4.11	2.10	29.57
1523.38	1531.61	Sez73	B1	0.28	8.23	4.11	1.15	
Sez73	Sez74	Sez73	B1	0.28	8.22	4.11	1.15	3.25
1531.61	1539.83	Sez74	B1	0.49	8.22	4.11	2.01	
Sez74	Sez75	Sez74	B1	0.49	20.17	10.09	4.94	3.16
1539.83	1560.00	Sez75	B1	0.14	20.17	10.09	1.41	
Sez75	Sez76	Sez75	B1	0.14	21.65	10.83	1.52	6.35
1560.00	1581.65	Sez76	B1	1.04	21.65	10.83	11.26	
Sez76	Sez77	Sez76	B1	1.04	11.67	5.83	6.06	12.78
1581.65	1593.32	Sez77	B1	0.27	11.67	5.83	1.57	
Sez77	Sez78	Sez77	B1	0.27	11.68	5.84	1.58	7.63
1593.32	1605.00	Sez78	B1	1.15	11.68	5.84	6.72	
Sez78	Sez79	Sez78	B1	1.15	15.00	7.50	8.63	8.30
1605.00	1620.00	Sez79	B1	6.08	15.00	7.50	45.60	
Sez79	Sez80	Sez79	B1	6.08	24.62	12.31	74.84	54.23
1620.00	1644.62	Sez80	B1	2.48	24.62	12.31	30.	

3.d - Calcolo aree e volumi sterro e riporto tracciato 3

		COMPUTO DEI VOLUMI					Foglio n. 21	
Riporto								
DALLA SEZ. DA PROG.	ALLA SEZ. A PROG.	SEZIONE	FIGURA	AREA	DISTANZA SEZIONI m	DISTANZA DI CALCOLO m	VOLUME PARZIALE mc	VOLUME TOTALE mc
A RIPORTARE mc							563.74	4343.12
1907.18	1933.57	Sez92	B1	14.38	26.39	13.19	189.67	753.41
Sez92	Sez93	Sez92	B1	14.38	16.43	8.22	118.20	
1933.57	1950.00	Sez93	B1	7.48	16.43	8.22	61.49	179.69
Sez93	Sez94	Sez93	B1	7.48	30.00	15.00	112.20	
1950.00	1980.00	Sez94	B1	22.44	30.00	15.00	336.60	448.80
Sez94	Sez95	Sez94	B1	22.44	30.00	15.00	336.60	
1980.00	2010.00	Sez95	B1	15.25	30.00	15.00	228.75	565.35
Sez95	Sez96	Sez95	B1	15.25	30.00	15.00	228.75	228.75
Sez96	Sez97	Sez97	B1	16.86	30.00	15.00	252.90	252.90
Sez97	Sez98	Sez97	B1	16.86	30.00	15.00	252.90	
2070.00	2100.00	Sez98	B1	22.98	30.00	15.00	344.70	597.60
Sez98	Sez99	Sez98	B1	22.98	20.00	10.00	229.80	
2100.00	2120.00	Sez99	B1	8.49	20.00	10.00	84.90	314.70
Sez99	Sez100	Sez99	B1	8.49	10.00	5.00	42.45	
2120.00	2130.00	Sez100	B1	18.49	10.00	5.00	92.45	147.50
		Sez100	B2	2.52	10.00	5.00	12.60	
Sez100	Sez101	Sez100	B1	18.49	10.00	5.00	92.45	137.55
2130.00	2140.00	Sez100	B2	2.52	10.00	5.00	12.60	
		Sez101	B1	6.50	10.00	5.00	32.50	249.65
Sez101	Sez102	Sez101	B1	6.50	10.00	5.00	32.50	
2140.00	2150.00	Sez102	B1	43.43	10.00	5.00	217.15	350.60
Sez102	Sez103	Sez102	B1	43.43	10.00	5.00	217.15	
2150.00	2160.00	Sez103	B1	26.69	10.00	5.00	133.45	206.40
Sez103	Sez104	Sez103	B1	26.69	10.00	5.00	133.45	
2160.00	2170.00	Sez104	B1	14.20	10.00	5.00	71.00	
		Sez104	B2	0.39	10.00	5.00	1.95	176.57
Sez104	Sez105	Sez104	B1	14.20	12.30	6.15	87.33	
2170.00	2182.30	Sez104	B2	0.39	12.30	6.15	2.40	
		Sez105	B1	3.91	12.30	6.15	24.05	
		Sez105	B2	10.21	12.30	6.15	62.79	148.91
Sez105	Sez106	Sez105	B1	3.91	7.70	3.85	15.05	
2182.30	2190.00	Sez105	B2	10.21	7.70	3.85	39.31	
		Sez106	B1	3.98	7.70	3.85	15.32	
		Sez106	B2	20.58	7.70	3.85	79.23	
Sez106	Sez107	Sez106	B1	3.98	10.00	5.00	19.90	197.10
2190.00	2200.00	Sez106	B2	20.58	10.00	5.00	102.90	
		Sez107	B1	14.86	10.00	5.00	74.30	
Sez107	Sez108	Sez107	B1	14.86	20.00	10.00	148.60	148.60
Il Direttore dei Lavori		L'Impresa			TOTALE ARTICOLO			9447.20

