



Comune di Trani

Regione Puglia



# OPERE DI MESSA IN SICUREZZA DI EMERGENZA (MISE) DEI LOTTI I, II, III DISCARICA PER RSU SITA IN TRANI E DENOMINATA "PURO VECCHIO"

CIG: 7060424E30

## PROGETTO ESECUTIVO

### COMMITTENTE:

AZIENDA MUNICIPALIZZATA IGIENE URBANA  
Comune di Trani  
Via Barletta, 161 - Trani  
P.IVA 05487980723



### PROGETTO:

Studio Romanazzi-Boscia e Associati s.r.l.  
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Prof. Ing. Eligio ROMANAZZI  
Dott. Ing. Giovanni F. BOSCIA  
Dott. Ing. Sebanino GIOTTA  
Dott. Ing. Fabio PACCAPELO



Ing. Federico Cangialosi

Ing. Gianluca Intini

Dott. geol. Vito Specchio

Ing. Vincenzo Catalucci



*Vito Specchio*

ALLEGATO

# EG.3.6.2

EG.3 - RACCOLTA E SMALTIMENTO ACQUE METEORICHE

**RECAPITO FINALE - VASCA DI LAMINAZIONE -  
TABELLE COORDINATE E VOLUMI**

SCALA:

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DATA: GIUGNO 2018

AGGIORNAMENTO	DATA	DESCRIZIONE

COORDINATE CARTESIANE						Pagina Nr. 1
Num.	Punto	Codice	COORDINATE			Descrizione
			E	N	Quota	
1	1		613662,260	4568143,350	53,340	
2	2		613659,240	4568144,920	53,070	
3	3		613657,400	4568144,900	53,160	
4	4		613655,030	4568143,860	53,150	
5	5		613647,260	4568132,910	53,790	
6	6		613642,300	4568125,610	54,480	
7	7		613642,910	4568120,380	54,620	
8	8		613641,990	4568122,190	54,560	
9	9		613641,810	4568124,020	54,540	
10	10		613647,380	4568116,970	54,570	
11	11		613665,100	4568104,610	54,620	
12	12		613672,230	4568099,560	54,680	
13	13		613677,320	4568096,110	54,670	
14	14		613681,120	4568095,630	54,750	
15	15		613683,920	4568097,400	54,640	
16	16		613686,150	4568100,840	54,560	
17	17		613690,790	4568107,420	54,270	
18	18		613695,730	4568114,380	54,110	
19	19		613696,390	4568118,030	53,910	
20	20		613694,200	4568121,420	53,750	
21	21		613686,220	4568126,890	53,620	
22	22		613675,330	4568134,550	53,510	
23	23		613657,597	4568140,936	51,300	
24	24		613658,325	4568141,249	51,300	
25	25		613661,660	4568138,782	51,300	
26	26		613672,787	4568130,935	51,300	
27	27		613683,597	4568123,063	51,300	
28	28		613690,444	4568118,094	51,300	
29	29		613690,803	4568117,428	51,300	
30	30		613690,686	4568117,033	51,300	
31	31		613685,921	4568110,826	51,300	
32	32		613680,865	4568104,651	51,300	
33	33		613680,679	4568104,387	51,300	
34	34		613679,532	4568102,760	51,300	
35	35		613675,913	4568105,231	51,300	
36	36		613668,938	4568110,029	51,300	
37	37		613651,259	4568122,239	51,300	
38	38		613648,638	4568124,314	51,300	
39	39		613651,425	4568130,208	51,300	

TRIANGOLI E VOLUMI ELABORATI													Recapito finale- Vasca di laminazione sc				Pagina Nr. 1	
No.	PRIMO VERTICE				SECONDO VERTICE				TERZO VERTICE				Area	Volumi Prismi		Volumi		
Trian.	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	Piana	Prisma 1	Prisma 2	Sterro	Riporto	
A Riportare																		
1	613642,300	568125,61	54,480	54,480	613642,482	568124,04	54,221	54,522	613642,157	568124,03	54,375	54,517	0,255	13,858	13,896	0,037		
2	613642,300	568125,61	54,480	54,480	613642,157	568124,03	54,375	54,517	613641,810	568124,02	54,540	54,540	0,272	14,825	14,838	0,013		
3	613643,200	568124,08	53,881	54,496	613642,482	568124,04	54,221	54,522	613642,300	568125,61	54,480	54,480	0,563	30,523	30,695	0,172		
4	613642,300	568125,61	54,480	54,480	613647,323	568124,58	51,960	54,197	613647,325	568124,25	51,923	54,213	0,818	43,166	44,400	1,231		
5	613647,325	568124,25	51,923	54,213	613643,200	568124,08	53,881	54,496	613642,300	568125,61	54,480	54,480	3,235	172,854	175,987	3,136		
6	613647,325	568124,25	51,923	54,213	613647,323	568124,58	51,960	54,197	613648,638	568124,31	51,300	54,201	0,214	11,074	11,604	0,530		
7	613641,990	568122,19	54,560	54,560	613642,673	568122,40	54,225	54,566	613642,910	568120,38	54,620	54,620	0,718	39,130	39,211	0,082		
8	613642,910	568120,38	54,620	54,620	613642,673	568122,40	54,225	54,566	613643,944	568122,81	53,602	54,509	1,337	72,392	72,948	0,556		
9	613643,944	568122,81	53,602	54,509	613644,666	568121,58	53,602	54,522	613642,910	568120,38	54,620	54,620	1,514	81,643	82,565	0,922		
10	613644,666	568121,58	53,602	54,522	613643,944	568122,81	53,602	54,509	613647,323	568123,89	51,942	54,231	2,468	130,925	134,311	3,387		
11	613647,323	568123,89	51,942	54,231	613647,334	568123,41	52,057	54,255	613644,666	568121,58	53,602	54,522	0,640	33,605	34,758	1,155		
12	613647,334	568123,41	52,057	54,255	613647,323	568123,89	51,942	54,231	613648,638	568124,31	51,300	54,201	0,314	16,240	17,013	0,773		
13	613641,990	568122,19	54,560	54,560	613642,157	568124,03	54,375	54,517	613642,482	568124,04	54,221	54,522	0,299	16,242	16,286	0,044		
14	613642,482	568124,04	54,221	54,522	613642,673	568122,40	54,225	54,566	613641,990	568122,19	54,560	54,560	0,581	31,581	31,705	0,124		
15	613641,810	568124,02	54,540	54,540	613642,157	568124,03	54,375	54,517	613641,990	568122,19	54,560	54,560	0,319	17,375	17,390	0,015		
16	613642,673	568122,40	54,225	54,566	613642,482	568124,04	54,221	54,522	613643,200	568124,08	53,881	54,496	0,592	32,037	32,285	0,248		
17	613643,200	568124,08	53,881	54,496	613643,944	568122,81	53,602	54,509	613642,673	568122,40	54,225	54,566	0,956	51,508	52,101	0,593		
18	613643,944	568122,81	53,602	54,509	613643,200	568124,08	53,881	54,496	613647,325	568124,25	51,923	54,213	2,677	142,242	145,643	3,402		
19	613647,325	568124,25	51,923	54,213	613647,323	568123,89	51,942	54,231	613643,944	568122,81	53,602	54,509	0,614	32,235	33,358	1,123		
20	613647,323	568123,89	51,942	54,231	613647,325	568124,25	51,923	54,213	613648,638	568124,31	51,300	54,201	0,238	12,296	12,889	0,593		
21	613642,910	568120,38	54,620	54,620	613644,666	568121,58	53,602	54,522	613647,380	568116,97	54,570	54,570	5,689	308,729	310,474	1,747		
22	613647,380	568116,97	54,570	54,570	613644,666	568121,58	53,602	54,522	613647,334	568123,41	52,057	54,255	8,635	461,218	470,194	8,973		
23	613647,380	568116,97	54,570	54,570	613647,334	568123,41	52,057	54,255	613648,638	568124,31	51,300	54,201	4,235	222,945	230,143	7,196		
24	613647,260	568132,91	53,790	53,790	613647,323	568124,58	51,960	54,197	613642,300	568125,61	54,480	54,480	20,881	1115,249	1130,820	15,576		
25	613648,638	568124,31	51,300	54,201	613647,323	568124,58	51,960	54,197	613647,260	568132,91	53,790	53,790	5,467	286,173	295,535	9,367		
26	613648,638	568124,31	51,300	54,201	613651,259	568122,23	51,300	54,284	613647,380	568116,97	54,570	54,570	10,929	572,596	594,036	21,443		
27	613647,260	568132,91	53,790	53,790	613651,423	568130,20	51,300	53,893	613648,638	568124,31	51,300	54,201	16,039	836,139	865,512	29,367		
28	613651,423	568130,20	51,300	53,893	613651,259	568122,23	51,300	54,284	613648,638	568124,31	51,300	54,201	10,616	544,580	574,580	30,001		
29	613655,030	568143,86	53,150	53,150	613657,597	568140,93	51,300	53,419	613647,260	568132,91	53,790	53,790	25,414	1340,507	1358,458	17,942		
30	613657,597	568140,93	51,300	53,419	613656,799	568139,54	51,300	53,504	613647,260	568132,91	53,790	53,790	3,966	206,765	212,481	5,715		
31	613656,799	568139,54	51,300	53,504	613653,178	568133,25	51,300	53,731	613647,260	568132,91	53,790	53,790	17,995	938,056	965,858	27,807		
32	613653,178	568133,25	51,300	53,731	613651,423	568130,20	51,300	53,893	613647,260	568132,91	53,790	53,790	8,716	454,353	468,949	14,599		
33	613657,400	568144,90	53,160	53,160	613657,460	568143,68	52,592	53,214	613655,030	568143,86	53,150	53,150	1,466	77,663	77,967	0,304		
34	613655,030	568143,86	53,150	53,150	613657,460	568143,68	52,592	53,214	613657,597	568140,93	51,300	53,419	3,333	174,483	177,529	3,046		
35	613657,711	568143,67	52,534	53,220	613657,460	568143,68	52,592	53,214	613657,400	568144,90	53,160	53,160	0,151	7,990	8,056	0,066		
36	613657,460	568143,68	52,592	53,214	613657,711	568143,67	52,534	53,220	613658,325	568141,24	51,300	53,411	0,298	15,561	15,901	0,341		
37	613657,460	568143,68	52,592	53,214	613658,325	568141,24	51,300	53,411	613657,597	568140,93	51,300	53,419	1,024	52,948	54,603	1,654		
													Riporto	163,478		213,280	0,000	

TRIANGOLI E VOLUMI ELABORATI														Recapito finale- Vasca di laminazione sc				Pagina Nr. 2	
No.	PRIMO VERTICE				SECONDO VERTICE				TERZO VERTICE				Area	Volumi Prismi		Volumi			
Trian.	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	Piana	Prisma 1	Prisma 2	Sterro	Riporto		
A Riportare														163,478			213,280	0,000	
38	613657,400	568144,90	53,160	53,160	613659,100	568144,35	52,799	53,223	613658,908	568143,58	52,427	53,252	0,708	37,391	37,686	0,295			
39	613658,908	568143,58	52,427	53,252	613657,711	568143,67	52,534	53,220	613657,400	568144,90	53,160	53,160	0,722	38,072	38,436	0,364			
40	613659,240	568144,92	53,070	53,070	613659,100	568144,35	52,799	53,223	613657,400	568144,90	53,160	53,160	0,516	27,334	27,407	0,073			
41	613657,711	568143,67	52,534	53,220	613658,908	568143,58	52,427	53,252	613658,325	568141,24	51,300	53,411	1,423	74,144	75,863	1,719			
42	613657,597	568140,93	51,300	53,419	613658,325	568141,24	51,300	53,411	613658,769	568140,92	51,300	53,445	0,189	9,708	10,110	0,402			
43	613658,769	568140,92	51,300	53,445	613658,273	568140,57	51,300	53,460	613657,597	568140,93	51,300	53,419	0,205	10,514	10,953	0,439			
44	613658,273	568140,57	51,300	53,460	613658,769	568140,92	51,300	53,445	613661,660	568138,78	51,300	53,488	1,024	52,526	54,742	2,218			
45	613656,799	568139,54	51,300	53,504	613657,597	568140,93	51,300	53,419	613658,273	568140,57	51,300	53,460	0,613	31,469	32,795	1,327			
46	613655,205	568133,37	51,300	53,711	613653,178	568133,25	51,300	53,731	613656,799	568139,54	51,300	53,504	6,164	316,229	330,707	14,472			
47	613655,205	568133,37	51,300	53,711	613656,799	568139,54	51,300	53,504	613658,273	568140,57	51,300	53,460	3,738	191,751	200,192	8,440			
48	613655,205	568133,37	51,300	53,711	613658,273	568140,57	51,300	53,460	613661,660	568138,78	51,300	53,488	14,946	766,750	800,425	33,671			
49	613651,425	568130,20	51,300	53,893	613653,178	568133,25	51,300	53,731	613655,205	568133,37	51,300	53,711	2,986	153,167	160,567	7,394			
50	613658,908	568143,58	52,427	53,252	613659,100	568144,35	52,799	53,223	613662,260	568143,35	53,340	53,340	1,317	69,586	70,134	0,547			
51	613662,260	568143,35	53,340	53,340	613659,100	568144,35	52,799	53,223	613659,240	568144,92	53,070	53,070	0,959	50,868	51,004	0,135			
52	613658,325	568141,24	51,300	53,411	613658,908	568143,58	52,427	53,252	613662,260	568143,35	53,340	53,340	3,986	208,669	212,570	3,903			
53	613658,778	568140,92	51,300	53,444	613658,769	568140,92	51,300	53,445	613658,325	568141,24	51,300	53,411	0,003	0,144	0,150	0,006			
54	613661,660	568138,78	51,300	53,488	613658,769	568140,92	51,300	53,445	613658,778	568140,92	51,300	53,444	0,018	0,938	0,978	0,037			
55	613661,660	568138,78	51,300	53,488	613658,778	568140,92	51,300	53,444	613668,295	568134,13	51,300	53,580	0,422	21,657	22,587	0,928			
56	613668,295	568134,13	51,300	53,580	613668,248	568134,13	51,300	53,581	613661,660	568138,78	51,300	53,488	0,119	6,108	6,376	0,266			
57	613671,276	568132,00	51,300	53,664	613671,283	568132,00	51,300	53,663	613672,787	568130,93	51,300	53,668	0,009	0,478	0,500	0,021			
58	613668,248	568134,13	51,300	53,581	613668,295	568134,13	51,300	53,580	613671,283	568132,00	51,300	53,663	0,055	2,802	2,928	0,125			
59	613671,283	568132,00	51,300	53,663	613671,276	568132,00	51,300	53,664	613668,248	568134,13	51,300	53,581	0,019	0,959	1,003	0,042			
60	613647,380	568116,97	54,570	54,570	613652,746	568120,34	51,657	54,366	613665,100	568104,61	54,620	54,620	63,064	3381,239	3438,186	56,948			
61	613651,259	568122,23	51,300	54,284	613652,746	568120,34	51,657	54,366	613647,380	568116,97	54,570	54,570	7,591	398,591	412,996	14,408			
62	613652,746	568120,34	51,657	54,366	613653,403	568120,75	51,300	54,342	613667,334	568111,13	51,300	54,378	6,036	310,364	328,128	17,767			
63	613652,746	568120,34	51,657	54,366	613667,334	568111,13	51,300	54,378	613665,100	568104,61	54,620	54,620	57,882	3040,292	3151,946	111,652			
64	613653,403	568120,75	51,300	54,342	613652,746	568120,34	51,657	54,366	613651,259	568122,23	51,300	54,284	0,929	47,781	50,486	2,705			
65	613667,334	568111,13	51,300	54,378	613668,938	568110,02	51,300	54,394	613665,100	568104,61	54,620	54,620	6,484	339,818	353,159	13,340			
66	613655,205	568133,37	51,300	53,711	613661,660	568138,78	51,300	53,488	613668,248	568134,13	51,300	53,581	32,809	1683,097	1758,339	75,229			
67	613669,399	568130,82	51,300	53,735	613671,276	568132,00	51,300	53,664	613672,787	568130,93	51,300	53,668	1,891	97,008	101,525	4,520			
68	613651,425	568130,20	51,300	53,893	613655,203	568133,37	51,300	53,711	613668,248	568134,13	51,300	53,581	19,207	985,313	1031,954	46,637			
69	613651,425	568130,20	51,300	53,893	613668,248	568134,13	51,300	53,581	613671,276	568132,00	51,300	53,664	23,914	1226,786	1284,482	57,681			
70	613671,276	568132,00	51,300	53,664	613669,399	568130,82	51,300	53,735	613651,425	568130,20	51,300	53,893	10,030	514,554	539,269	24,729			
71	613663,831	568127,31	51,300	53,946	613669,399	568130,82	51,300	53,735	613672,787	568130,93	51,300	53,668	5,614	287,994	301,934	13,935			
72	613651,259	568122,23	51,300	54,284	613651,425	568130,20	51,300	53,893	613669,399	568130,82	51,300	53,735	71,567	3671,367	3862,497	191,158			
73	613669,399	568130,82	51,300	53,735	613663,831	568127,31	51,300	53,946	613651,259	568122,23	51,300	54,284	7,883	404,383	425,574	21,173			
74	613675,330	568134,55	53,510	53,510	613669,988	568134,23	51,843	53,563	613662,260	568143,35	53,340	53,340	25,553	1351,669	1366,319	14,667			
Riporto														544,073			956,653	0,000	

TRIANGOLI E VOLUMI ELABORATI														Recapito finale- Vasca di laminazione sc				Pagina Nr. 3	
No. Trian.	PRIMO VERTICE				SECONDO VERTICE				TERZO VERTICE				Area Piana	Volumi Prismi		Volumi			
	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2		Prisma 1	Prisma 2	Sterro	Riporto		
A Riportare													544,073			956,653	0,000		
75	613672,787	568130,93	51,300	53,668	613671,672	568132,24	51,516	53,649	613675,330	568134,55	53,510	53,510	3,686	192,078	197,609	5,529			
76	613675,330	568134,55	53,510	53,510	613671,672	568132,24	51,516	53,649	613669,986	568134,23	51,843	53,563	5,578	291,652	298,816	7,160			
77	613653,403	568120,75	51,300	54,342	613663,834	568127,31	51,300	53,946	613672,787	568130,93	51,300	53,668	10,507	539,007	567,221	28,217			
78	613672,787	568130,93	51,300	53,668	613671,259	568122,63	51,300	53,952	613667,334	568111,13	51,300	54,378	7,518	385,687	405,981	20,291			
79	613672,787	568130,93	51,300	53,668	613667,334	568111,13	51,300	54,378	613653,403	568120,75	51,300	54,342	164,100	8418,329	8882,622	464,242			
80	613653,403	568120,75	51,300	54,342	613651,259	568122,23	51,300	54,284	613663,834	568127,31	51,300	53,946	14,753	756,838	799,485	42,645			
81	613668,938	568110,02	51,300	54,394	613667,334	568111,13	51,300	54,378	613671,259	568122,63	51,300	53,952	11,417	585,696	619,277	33,580			
82	613665,100	568104,61	54,620	54,620	613668,938	568110,02	51,300	54,394	613669,724	568109,48	51,300	54,401	3,168	166,016	172,558	6,542			
83	613665,100	568104,61	54,620	54,620	613675,208	568105,71	51,300	54,482	613675,913	568105,23	51,300	54,488	2,841	148,890	154,923	6,027			
84	613665,100	568104,61	54,620	54,620	613669,724	568109,48	51,300	54,401	613675,208	568105,71	51,300	54,482	22,096	1157,996	1204,273	46,275			
85	613665,100	568104,61	54,620	54,620	613675,913	568105,23	51,300	54,488	613672,230	568099,56	54,680	54,680	29,517	1580,127	1611,493	31,377			
86	613662,260	568143,35	53,340	53,340	613658,778	568140,92	51,300	53,444	613658,325	568141,24	51,300	53,411	1,111	57,769	59,346	1,575			
87	613669,986	568134,23	51,843	53,563	613668,295	568134,13	51,300	53,580	613658,778	568140,92	51,300	53,444	6,209	319,671	332,388	12,722			
88	613669,986	568134,23	51,843	53,563	613658,778	568140,92	51,300	53,444	613662,260	568143,35	53,340	53,340	25,228	1315,913	1348,406	32,496			
89	613671,285	568132,00	51,300	53,663	613671,672	568132,24	51,516	53,649	613672,787	568130,93	51,300	53,668	0,390	20,021	20,913	0,892			
90	613668,295	568134,13	51,300	53,580	613669,986	568134,23	51,843	53,563	613671,672	568132,24	51,516	53,649	1,765	90,999	94,608	3,608			
91	613671,672	568132,24	51,516	53,649	613671,285	568132,00	51,300	53,663	613668,295	568134,13	51,300	53,580	0,776	39,866	41,618	1,755			
92	613672,230	568099,56	54,680	54,680	613678,664	568100,15	52,622	54,625	613677,320	568096,11	54,670	54,670	12,605	680,568	688,984	8,420			
93	613679,490	568102,63	51,364	54,520	613678,664	568100,15	52,622	54,625	613672,230	568099,56	54,680	54,680	7,743	409,534	422,850	13,320			
94	613679,532	568102,76	51,300	54,516	613679,490	568102,63	51,364	54,520	613672,230	568099,56	54,680	54,680	0,389	20,411	21,238	0,830			
95	613672,230	568099,56	54,680	54,680	613675,913	568105,23	51,300	54,488	613679,532	568102,76	51,300	54,516	14,812	776,545	808,164	31,624			
96	613680,679	568104,38	51,300	54,460	613679,532	568102,76	51,300	54,516	613675,913	568105,23	51,300	54,488	4,361	223,728	237,632	13,903			
97	613680,865	568104,65	51,300	54,451	613680,679	568104,38	51,300	54,460	613675,913	568105,23	51,300	54,488	0,708	36,300	38,541	2,242			
98	613677,320	568096,11	54,670	54,670	613680,859	568096,80	54,183	54,654	613681,120	568095,63	54,750	54,750	2,164	118,021	118,361	0,340			
99	613680,619	568097,87	53,663	54,629	613680,859	568096,80	54,183	54,654	613677,320	568096,11	54,670	54,670	1,985	107,545	108,496	0,951			
100	613677,320	568096,11	54,670	54,670	613678,664	568100,15	52,622	54,625	613680,084	568100,28	52,499	54,612	2,782	148,204	152,022	3,816			
101	613680,084	568100,28	52,499	54,612	613680,619	568097,87	53,663	54,629	613677,320	568096,11	54,670	54,670	4,440	238,016	242,573	4,561			
102	613678,664	568100,15	52,622	54,625	613679,490	568102,63	51,364	54,520	613679,554	568102,66	51,348	54,518	0,068	3,537	3,726	0,189			
103	613679,554	568102,66	51,348	54,518	613680,084	568100,28	52,499	54,612	613678,664	568100,15	52,622	54,625	1,724	89,931	94,118	4,185			
104	613679,532	568102,76	51,300	54,516	613679,554	568102,66	51,348	54,518	613679,490	568102,63	51,364	54,520	0,003	0,176	0,187	0,010			
105	613681,120	568095,63	54,750	54,750	613680,859	568096,80	54,183	54,654	613683,920	568097,40	54,640	54,640	1,872	102,058	102,352	0,294			
106	613683,920	568097,40	54,640	54,640	613680,859	568096,80	54,183	54,654	613680,619	568097,87	53,663	54,629	1,717	92,999	93,821	0,823			
107	613680,619	568097,87	53,663	54,629	613682,642	568098,96	53,667	54,604	613683,920	568097,40	54,640	54,640	2,272	122,645	124,086	1,440			
108	613680,619	568097,87	53,663	54,629	613680,084	568100,28	52,499	54,612	613681,457	568100,40	52,765	54,600	1,685	89,250	92,010	2,760			
109	613681,457	568100,40	52,765	54,600	613682,642	568098,96	53,667	54,604	613680,619	568097,87	53,663	54,629	2,106	112,382	115,006	2,624			
110	613680,084	568100,28	52,499	54,612	613679,554	568102,66	51,348	54,518	613679,597	568102,68	51,350	54,517	0,056	2,894	3,051	0,161			
111	613679,597	568102,68	51,350	54,517	613681,457	568100,40	52,765	54,600	613680,084	568100,28	52,499	54,612	1,677	87,542	91,519	3,978			
Riporto													919,904			1798,057	0,000		

TRIANGOLI E VOLUMI ELABORATI														Recapito finale- Vasca di laminazione sc				Pagina Nr. 4	
No. Trian.	PRIMO VERTICE				SECONDO VERTICE				TERZO VERTICE				Area Piana	Volumi Prismi		Volumi			
	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2		Prisma 1	Prisma 2	Sterro	Riporto		
A Riportare												919,904			1798,057	0,000			
112	613679,532	568102,76	51,300	54,516	613679,597	568102,68	51,350	54,517	613679,554	568102,66	51,348	54,518	0,002	0,118	0,126	0,006			
113	613672,787	568130,93	51,300	53,668	613673,834	568130,17	51,300	53,672	613671,259	568122,63	51,300	53,952	4,928	252,805	264,948	12,145			
114	613668,938	568110,02	51,300	54,394	613671,259	568122,63	51,300	53,952	613673,834	568130,17	51,300	53,672	7,484	383,905	404,156	20,257			
115	613673,834	568130,17	51,300	53,672	613683,003	568123,49	51,300	53,772	613677,203	568117,37	51,300	54,047	47,408	2432,049	2552,008	119,982			
116	613673,834	568130,17	51,300	53,672	613677,203	568117,37	51,300	54,047	613668,938	568110,02	51,300	54,394	65,251	3347,356	3525,990	178,665			
117	613677,203	568117,37	51,300	54,047	613683,003	568123,49	51,300	53,772	613683,597	568123,06	51,300	53,782	3,073	157,632	165,520	7,888			
118	613675,913	568105,23	51,300	54,488	613677,162	568105,92	51,300	54,456	613682,379	568106,50	51,300	54,385	1,464	75,111	79,712	4,604			
119	613682,379	568106,50	51,300	54,385	613680,863	568104,65	51,300	54,451	613675,913	568105,23	51,300	54,488	5,017	257,382	273,142	15,758			
120	613685,921	568110,82	51,300	54,196	613682,379	568106,50	51,300	54,385	613677,162	568105,92	51,300	54,456	10,273	527,012	558,300	31,281			
121	613683,920	568097,40	54,640	54,640	613682,642	568098,96	53,667	54,604	613686,150	568100,84	54,560	54,560	3,939	213,827	215,057	1,229			
122	613686,150	568100,84	54,560	54,560	613682,642	568098,96	53,667	54,604	613681,457	568100,40	52,765	54,600	3,651	195,946	199,320	3,374			
123	613686,150	568100,84	54,560	54,560	613681,457	568100,40	52,765	54,600	613679,597	568102,68	51,350	54,517	5,733	303,228	312,787	9,559			
124	613679,597	568102,68	51,350	54,517	613679,683	568102,71	51,374	54,515	613686,150	568100,84	54,560	54,560	0,197	10,332	10,747	0,414			
125	613679,532	568102,76	51,300	54,516	613679,683	568102,71	51,374	54,515	613679,597	568102,68	51,350	54,517	0,005	0,237	0,251	0,016			
126	613681,844	568103,63	51,994	54,468	613682,118	568103,74	52,073	54,462	613686,150	568100,84	54,560	54,560	0,630	33,317	34,338	1,024			
127	613680,679	568104,38	51,300	54,460	613680,863	568104,65	51,300	54,451	613682,118	568103,74	52,073	54,462	0,249	12,862	13,585	0,722			
128	613682,118	568103,74	52,073	54,462	613681,844	568103,63	51,994	54,468	613680,679	568104,38	51,300	54,460	0,170	8,826	9,282	0,457			
129	613672,787	568130,93	51,300	53,668	613673,973	568130,57	51,505	53,657	613673,834	568130,17	51,300	53,672	0,266	13,642	14,252	0,609			
130	613686,220	568126,89	53,620	53,620	613683,003	568123,49	51,300	53,772	613673,834	568130,17	51,300	53,672	26,298	1369,432	1411,894	42,475			
131	613673,834	568130,17	51,300	53,672	613673,973	568130,57	51,505	53,657	613686,220	568126,89	53,620	53,620	2,742	142,996	147,132	4,130			
132	613686,220	568126,89	53,620	53,620	613683,597	568123,06	51,300	53,782	613683,003	568123,49	51,300	53,772	1,704	88,759	91,574	2,815			
133	613670,297	568110,09	51,300	54,374	613668,938	568110,02	51,300	54,394	613677,203	568117,37	51,300	54,047	4,729	242,606	256,660	14,056			
134	613670,297	568110,09	51,300	54,374	613677,203	568117,37	51,300	54,047	613683,597	568123,06	51,300	53,782	3,660	187,750	197,879	10,131			
135	613683,597	568123,06	51,300	53,782	613685,921	568110,82	51,300	54,196	613670,297	568110,09	51,300	54,374	96,447	4947,741	5219,465	271,686			
136	613670,297	568110,09	51,300	54,374	613669,724	568109,48	51,300	54,401	613668,938	568110,02	51,300	54,394	0,393	20,149	21,362	1,214			
137	613675,913	568105,23	51,300	54,488	613675,208	568105,71	51,300	54,482	613677,162	568105,92	51,300	54,456	0,549	28,160	29,903	1,743			
138	613675,208	568105,71	51,300	54,482	613669,724	568109,48	51,300	54,401	613670,297	568110,09	51,300	54,374	2,740	140,541	149,086	8,543			
139	613675,208	568105,71	51,300	54,482	613670,297	568110,09	51,300	54,374	613685,921	568110,82	51,300	54,196	35,993	1846,441	1956,244	109,818			
140	613685,921	568110,82	51,300	54,196	613677,162	568105,92	51,300	54,456	613675,208	568105,71	51,300	54,482	3,852	197,584	209,439	11,844			
141	613679,683	568102,71	51,374	54,515	613681,844	568103,63	51,994	54,468	613686,150	568100,84	54,560	54,560	4,989	262,629	271,967	9,331			
142	613679,683	568102,71	51,374	54,515	613679,532	568102,76	51,300	54,516	613680,679	568104,38	51,300	54,460	0,148	7,600	8,070	0,469			
143	613679,683	568102,71	51,374	54,515	613680,679	568104,38	51,300	54,460	613681,844	568103,63	51,994	54,468	1,349	69,567	73,514	3,949			
144	613675,330	568134,55	53,510	53,510	613673,973	568130,57	51,505	53,657	613672,787	568130,93	51,300	53,668	2,598	135,349	139,263	3,914			
145	613686,220	568126,89	53,620	53,620	613673,973	568130,57	51,505	53,657	613675,330	568134,55	53,510	53,510	26,825	1418,453	1437,696	19,234			
146	613683,597	568123,06	51,300	53,782	613687,841	568119,98	51,300	53,851	613688,876	568115,57	51,300	53,998	7,762	398,190	418,193	20,003			
147	613683,597	568123,06	51,300	53,782	613688,876	568115,57	51,300	53,998	613685,921	568110,82	51,300	54,196	23,597	1210,544	1274,068	63,526			
148	613687,841	568119,98	51,300	53,851	613690,444	568118,09	51,300	53,897	613688,876	568115,57	51,300	53,998	4,761	244,227	256,678	12,447			
Riporto												1330,780			2817,375	0,000			

TRIANGOLI E VOLUMI ELABORATI														Recapito finale- Vasca di laminazione sc				Pagina Nr. 5	
No.	PRIMO VERTICE				SECONDO VERTICE				TERZO VERTICE				Area	Volumi Prismi		Volumi			
Trian.	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	E	N	Quota 1	Quota 2	Piana	Prisma 1	Prisma 2	Sterro	Riporto		
A Riportare													1330,780			2817,375	0,000		
149	613682,118	568103,74	52,073	54,462	613686,043	568105,41	53,068	54,375	613686,150	568100,84	54,560	54,560	9,063	482,431	493,596	11,164			
150	613682,118	568103,74	52,073	54,462	613680,863	568104,65	51,300	54,451	613682,379	568106,50	51,300	54,385	1,843	95,007	100,305	5,296			
151	613682,118	568103,74	52,073	54,462	613682,379	568106,50	51,300	54,385	613686,014	568106,89	52,583	54,335	4,948	257,205	269,122	11,917			
152	613686,014	568106,89	52,583	54,335	613686,043	568105,41	53,068	54,375	613682,118	568103,74	52,073	54,462	2,946	154,888	160,238	5,354			
153	613685,921	568110,82	51,300	54,196	613686,014	568106,89	52,583	54,335	613682,379	568106,50	51,300	54,385	7,153	370,004	388,442	18,440			
154	613688,876	568115,57	51,300	53,998	613689,038	568114,88	51,300	54,021	613685,921	568110,82	51,300	54,196	1,401	71,877	75,760	3,882			
155	613689,038	568114,88	51,300	54,021	613688,876	568115,57	51,300	53,998	613690,444	568118,09	51,300	53,897	0,744	38,142	40,129	1,985			
156	613690,444	568118,09	51,300	53,897	613690,686	568117,03	51,300	53,932	613689,038	568114,88	51,300	54,021	1,134	58,177	61,182	3,005			
157	613690,444	568118,09	51,300	53,897	613690,803	568117,42	51,300	53,917	613690,686	568117,03	51,300	53,932	0,110	5,636	5,923	0,288			
158	613687,841	568119,98	51,300	53,851	613683,597	568123,06	51,300	53,782	613686,220	568126,89	53,620	53,620	12,160	633,228	653,629	20,406			
159	613690,444	568118,09	51,300	53,897	613687,841	568119,98	51,300	53,851	613686,220	568126,89	53,620	53,620	7,458	388,385	401,184	12,798			
160	613686,150	568100,84	54,560	54,560	613686,043	568105,41	53,068	54,375	613690,790	568107,42	54,270	54,270	10,950	590,937	595,707	4,774			
161	613686,043	568105,41	53,068	54,375	613686,014	568106,89	52,583	54,335	613690,790	568107,42	54,270	54,270	3,560	189,756	193,386	3,632			
162	613690,790	568107,42	54,270	54,270	613686,014	568106,89	52,583	54,335	613685,921	568110,82	51,300	54,196	9,412	496,172	510,755	14,578			
163	613690,790	568107,42	54,270	54,270	613685,921	568110,82	51,300	54,196	613689,038	568114,88	51,300	54,021	15,192	794,406	822,852	28,438			
164	613690,790	568107,42	54,270	54,270	613689,038	568114,88	51,300	54,021	613690,686	568117,03	51,300	53,932	8,033	420,033	434,366	14,334			
165	613690,803	568117,42	51,300	53,917	613690,444	568118,09	51,300	53,897	613694,200	568121,42	53,750	53,750	1,848	96,299	99,511	3,212			
166	613694,200	568121,42	53,750	53,750	613690,444	568118,09	51,300	53,897	613686,220	568126,89	53,620	53,620	23,543	1245,210	1265,591	20,388			
167	613690,686	568117,03	51,300	53,932	613692,854	568115,89	52,508	53,955	613690,790	568107,42	54,270	54,270	10,361	545,960	560,048	14,090			
168	613690,790	568107,42	54,270	54,270	613692,854	568115,89	52,508	53,955	613695,730	568114,38	54,110	54,110	13,746	737,167	743,797	6,639			
169	613690,686	568117,03	51,300	53,932	613690,803	568117,42	51,300	53,917	613692,910	568116,12	52,502	53,947	0,492	25,458	26,557	1,098			
170	613690,686	568117,03	51,300	53,932	613692,910	568116,12	52,502	53,947	613692,854	568115,89	52,508	53,955	0,282	14,710	15,230	0,521			
171	613695,730	568114,38	54,110	54,110	613692,854	568115,89	52,508	53,955	613692,910	568116,12	52,502	53,947	0,375	19,866	20,227	0,362			
172	613694,200	568121,42	53,750	53,750	613693,293	568117,69	52,463	53,888	613690,803	568117,42	51,300	53,917	4,515	237,049	243,132	6,080			
173	613694,200	568121,42	53,750	53,750	613694,970	568117,87	53,247	53,931	613693,293	568117,69	52,463	53,888	3,040	161,612	163,750	2,137			
174	613696,390	568118,03	53,910	53,910	613694,970	568117,87	53,247	53,931	613694,200	568121,42	53,750	53,750	2,574	138,082	138,669	0,587			
175	613693,293	568117,69	52,463	53,888	613692,910	568116,12	52,502	53,947	613690,803	568117,42	51,300	53,917	1,906	99,271	102,757	3,486			
176	613695,730	568114,38	54,110	54,110	613692,910	568116,12	52,502	53,947	613693,293	568117,69	52,463	53,888	2,550	135,240	137,680	2,440			
177	613693,293	568117,69	52,463	53,888	613694,970	568117,87	53,247	53,931	613695,730	568114,38	54,110	54,110	3,001	159,874	161,984	2,110			
178	613695,730	568114,38	54,110	54,110	613694,970	568117,87	53,247	53,931	613696,390	568118,03	53,910	53,910	2,541	136,594	137,173	0,579			
Riporto													1497,662			3041,395	0,000		

**Recapito finale- Vasca di laminazione sc**

Superficie :	1497,661 mq
Sterro :	3041,395 mc
Riporto :	0,000 mc
Volume aggiuntivo :	0,000 mc
Area piana di sterro :	1497,661 mq
Area piana di riporto :	0,000 mq
Area inclinata di sterro :	1584,912 mq
Area inclinata di riporto :	0,000 mq