



Ristrutturazione snodo viario dell'area Baldaccio con raddoppio del sottopasso e sistemazione della viabilità

[CIG: 690790792F]

Committente:

Comune di Arezzo

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PE

PROGETTO ESECUTIVO

Elaborato:

T02.a

Rel. Tecniche e Specialistiche
Rilievo Topografico

Data:

Aggiornamenti:

Agosto 2018

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A. IL METODO

Le operazioni di rilievo sono state eseguite con teodolite TOPCON GTS 229, stazione totale elettronica, producendo il Libretto di Campagna di cui al capitolo che segue.

Il rilievo è stato effettuato con una poligonale dai cui vertici sono stati rilevati tutti i punti di dettaglio; detta poligonale si sviluppa tra fabbricati certi presenti sia in loco che sulla mappa catastale.

Per assegnare le quote assolute sul livello del mare è stato preso in esame il rilievo redatto da PROGEO Engineering nel Febbraio 2017 e dal confronto con il presente è stato scelto un punto comune a cui riferire le quote altimetriche.

Detto punto è rappresentato dalla quota del marciapiede in corrispondenza dello spigolo sud del fabbricato "Parcheggio Baldaccio" la cui quota assoluta di riferimento è m. 251.88.

Gli elaborati grafici identificati con sigla "G03.x - Rilievo Topografico" restituiscono planimetricamente i punti battuti. Il primo di essi rappresenta l'intera area, in scala 1:500; i successivi ne rappresentano le varie porzioni, in scala 1:100.

B. IL LIBRETTO DI CAMPAGNA

LIBRETTO DI CAMPAGNA

File: Baldaccio 02.01.2018.fw1

N.Lavoro: 1

Nome Lavoro:

Operatore:

Strumento:

Data:

Nome Stazione: 1000

Identificativo: Chiodo

Temperatura:

Pressione:

Altezza strum: 1,435

Codice	Nome	Altezza	Distanza	Angolo	Angolo	Distanza	Quota	Co.Rel.	Co.Rel.
punto	punto	Prisma	incl.	vert.	orizz.	orizz.	rel.	Nord (X)	Est (Y)
PLINTO	1001	1,500	48,527	100,2910	116,5520	48,526	-0,287	-12,475	46,895
PLINTO	1002	1,500	47,577	100,3270	116,5440	47,576	-0,309	-12,225	45,979
PLINTO	1003	1,500	47,776	100,1420	116,6980	47,776	-0,172	-12,388	46,142
PLINTO	1004	1,500	47,573	100,3210	117,8520	47,572	-0,305	-13,166	45,714
PLINTO	1005	1,500	47,237	100,3260	117,8570	47,236	-0,307	-13,077	45,390
PLINTO	1006	1,500	47,251	100,3230	116,5650	47,250	-0,305	-12,156	45,659
PLINTO	1007	1,500	46,263	100,3300	116,5240	46,262	-0,305	-11,873	44,712
PLINTO	1008	1,500	46,279	100,3290	117,8710	46,278	-0,304	-12,821	44,467
PLINTO	1009	1,500	31,196	99,7440	119,5490	31,196	0,060	-9,430	29,737
PLINTO	1010	1,380	18,565	100,0190	138,7630	18,565	0,049	-10,618	15,229
PLINTO	1011	1,380	17,676	99,9780	139,9160	17,676	0,061	-10,371	14,314
PLINTO	1012	1,380	18,940	100,0170	141,6610	18,940	0,050	-11,529	15,027
PLINTO	1013	1,700	17,385	98,7630	140,3960	17,382	0,073	-10,304	13,999
PLINTO	1014	1,700	16,476	98,7100	141,8560	16,473	0,069	-10,067	13,039
PLINTO	1015	1,700	16,877	98,7320	145,1080	16,874	0,071	-10,981	12,812
PLINTO	1016	2,000	15,050	96,0320	289,6510	15,021	0,372	-2,431	-14,823
PLINTO	1017	2,000	14,702	95,9390	293,4430	14,672	0,372	-1,509	-14,594
PLINTO	1018	2,000	15,629	96,1530	294,8070	15,600	0,379	-1,271	-15,548
PLINTO	1019	2,000	16,869	96,4400	296,4640	16,843	0,378	-0,935	-16,817
PLINTO	1020	2,000	15,921	96,2570	295,2970	15,893	0,371	-1,173	-15,850
PLINTO	1021	2,300	21,356	96,6380	285,3630	21,326	0,262	-4,860	-20,765
PLINTO	1022	2,300	20,381	96,3540	283,2330	20,348	0,302	-5,297	-19,646
PLINTO	1023	2,300	21,115	96,4790	280,3400	21,083	0,302	-6,408	-20,086
PLINTO	1024	2,300	43,223	97,9440	305,4980	43,200	0,531	3,726	-43,039
PLINTO	1025	2,300	43,233	97,9470	305,5210	43,211	0,529	3,743	-43,049

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
PLINTO	1026	2,300	44,383	97,9960	304,3990	44,361	0,532	3,063	-44,255
PLINTO	1027	2,300	43,422	97,9550	304,1470	43,400	0,530	2,825	-43,308
PLINTO	1028	2,300	44,498	97,9910	305,8680	44,476	0,539	4,094	-44,287
PLINTO	1029	2,300	45,474	98,0150	306,1380	45,452	0,553	4,375	-45,241
PLINTO	1030	2,300	44,704	97,9970	304,5380	44,682	0,541	3,182	-44,569
PLINTO	1031	1,380	56,374	99,4470	275,0680	56,372	0,545	-21,517	-52,104
PLINTO	1032	1,380	55,582	99,4410	274,4000	55,580	0,543	-21,753	-51,146
PLINTO	1033	1,380	55,349	99,4460	274,1890	55,347	0,537	-21,830	-50,860
PLINTO	1034	1,380	54,570	99,4180	273,4720	54,568	0,554	-22,086	-49,899
PLINTO	1035	1,380	55,160	99,4090	272,6240	55,158	0,567	-22,995	-50,136
PLINTO	1036	1,380	55,273	99,2750	272,8600	55,269	0,684	-22,855	-50,322
PLINTO	1037	1,380	36,923	98,9090	245,4640	36,918	0,688	-27,897	-24,180
PLINTO	1038	1,380	36,498	98,8920	243,9050	36,492	0,690	-28,152	-23,219
PLINTO	1039	1,380	37,353	98,9140	243,2280	37,348	0,692	-29,064	-23,456
PLINTO	1040	1,380	37,223	98,9130	242,7450	37,218	0,691	-29,139	-23,154
PLINTO	1041	1,380	36,366	98,9100	243,4150	36,361	0,678	-28,228	-22,919
PLINTO	1042	1,380	35,964	98,8810	241,8230	35,958	0,687	-28,474	-21,960
PLINTO	1043	1,380	36,839	98,8960	241,1740	36,833	0,694	-29,394	-22,196
PLINTO	1044	1,380	36,604	99,4540	189,3230	36,603	0,369	-36,089	6,110
PLINTO	1045	1,380	37,047	99,4390	187,7740	37,046	0,381	-36,365	7,071
PLINTO	1046	1,380	37,892	99,4280	188,4900	37,890	0,395	-37,272	6,813
PLINTO	1047	1,380	37,460	99,4590	189,9930	37,459	0,373	-36,997	5,864
PLINTO	1048	1,380	37,193	99,4320	187,2630	37,192	0,387	-36,450	7,392
PLINTO	1049	1,380	37,666	99,4080	185,7920	37,664	0,405	-36,730	8,336
PLINTO	1050	1,500	38,482	99,2120	186,5380	38,479	0,411	-37,622	8,076
PLINTO	1051	1,800	56,480	99,2500	155,4880	56,476	0,300	-43,225	36,348
PLINTO	1052	1,800	57,290	99,2550	154,8500	57,286	0,305	-43,473	37,307
PLINTO	1053	1,800	57,043	99,2540	156,3600	57,039	0,303	-44,154	36,109
PLINTO	1054	1,800	57,522	99,2520	154,6770	57,518	0,311	-43,547	37,576
PLINTO	1055	1,800	58,337	99,2710	154,0650	58,333	0,303	-43,796	38,532
BINARI	1056	1,800	56,412	99,4100	152,0910	56,410	0,158	-41,176	38,556
BINARI	1057	1,800	55,565	99,4020	150,6980	55,563	0,157	-39,717	38,856
BINARI	1058	1,800	52,993	99,4070	145,8670	52,991	0,129	-34,960	39,822
BINARI	1059	1,800	52,318	99,4010	144,2310	52,316	0,127	-33,494	40,189
BINARI	1060	1,800	51,012	99,4070	141,6570	51,010	0,110	-31,047	40,474
BINARI	1061	1,800	50,500	99,3990	139,8430	50,498	0,112	-29,581	40,927
BINARI	1062	1,500	50,326	99,7770	138,4550	50,326	0,111	-28,584	41,420
BINARI	1063	1,500	46,556	100,1480	122,3430	46,556	-0,173	-16,006	43,718
BINARI	1064	1,500	46,371	100,1530	120,3250	46,371	-0,176	-14,554	44,028
BINARI	1065	1,500	9,965	99,5340	129,7770	9,965	0,008	-4,493	8,895
BINARI	1066	1,500	10,219	99,4990	138,9060	10,219	0,015	-5,864	8,369
BINARI	1067	1,500	12,552	98,5940	169,1020	12,549	0,212	-11,100	5,854
BINARI	1068	1,500	13,724	98,7080	174,5090	13,721	0,214	-12,636	5,348
BINARI	1069	1,500	15,187	98,9450	181,0390	15,185	0,187	-14,516	4,456
BINARI	1070	1,500	16,519	99,0610	183,8570	16,517	0,179	-15,989	4,144
BINARI	1071	1,500	19,595	98,8000	190,5020	19,592	0,304	-19,374	2,912
BINARI	1072	1,500	20,973	98,8790	192,5300	20,970	0,304	-20,826	2,455
BINARI	1073	1,500	22,941	98,9350	193,4850	22,938	0,319	-22,818	2,343
BINARI	1074	1,500	23,564	98,9640	193,9810	23,561	0,318	-23,456	2,224
BINARI	1075	1,500	24,400	99,0000	194,5710	24,397	0,318	-24,308	2,078
BINARI	1076	1,500	25,059	99,0260	194,7570	25,056	0,318	-24,971	2,061
BINARI	1077	1,500	27,225	99,0250	197,3580	27,222	0,352	-27,199	1,129
BINARI	1078	1,500	28,671	99,0520	198,3170	28,668	0,362	-28,658	0,758
BINARI	1079	1,500	30,942	99,1900	200,0560	30,939	0,329	-30,939	-0,027
BINARI	1080	1,500	32,396	99,2390	200,8070	32,394	0,322	-32,391	-0,411
BINARI	1081	1,500	34,357	99,0700	243,4210	34,353	0,437	-26,667	-21,656
BINARI	1082	1,500	32,884	99,0230	244,0590	32,880	0,440	-25,315	-20,982
BINARI	1083	1,500	30,628	98,9010	246,2270	30,623	0,464	-22,898	-20,333
BINARI	1084	1,500	29,329	98,8440	247,8620	29,324	0,468	-21,420	-20,027

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
BINARI	1085	1,500	29,236	98,8440	247,9660	29,231	0,466	-21,319	-19,999
BINARI	1086	1,500	27,962	98,7930	249,7910	27,957	0,465	-19,833	-19,704
BINARI	1087	1,500	27,208	98,7410	250,8670	27,203	0,473	-18,972	-19,496
BINARI	1088	1,500	25,950	98,6710	252,7830	25,944	0,477	-17,526	-19,129
BINARI	1089	1,500	23,676	98,6240	255,1010	23,670	0,447	-15,344	-18,023
BINARI	1090	1,500	22,419	98,6080	257,3580	22,414	0,425	-13,916	-17,571
BINARI	1091	1,500	21,808	98,5490	258,4500	21,802	0,432	-13,240	-17,321
BINARI	1092	1,500	19,376	98,6420	263,6470	19,372	0,348	-10,471	-16,299
BINARI	1093	1,500	19,270	98,6320	263,8820	19,266	0,349	-10,353	-16,248
BINARI	1094	1,500	18,318	98,5330	267,1450	18,313	0,357	-9,037	-15,928
BINARI	1095	1,500	18,178	98,5400	267,4510	18,173	0,352	-8,892	-15,849
BINARI	1096	1,500	15,994	98,2960	274,9260	15,988	0,363	-6,136	-14,764
BINARI	1097	1,500	15,046	98,1560	279,7690	15,040	0,371	-4,699	-14,287
BINARI	1098	1,500	22,402	98,6230	295,9940	22,397	0,420	-1,408	-22,353
BINARI	1099	1,500	23,145	98,6500	292,0500	23,140	0,426	-2,882	-22,960
BINARI	1100	1,500	23,100	98,6430	292,2820	23,095	0,427	-2,793	-22,925
BINARI	1101	1,500	25,103	98,7900	284,3330	25,098	0,412	-6,114	-24,342
BINARI	1102	1,500	25,893	98,8480	281,0970	25,889	0,404	-7,575	-24,756
BINARI	1103	1,500	26,213	98,8270	280,0010	26,209	0,418	-8,099	-24,926
BINARI	1104	1,500	27,361	98,7740	274,8850	27,356	0,462	-10,514	-25,255
BINARI	1105	1,500	28,349	98,8010	272,2520	28,344	0,469	-11,967	-25,694
BINARI	1106	1,500	30,750	98,8170	266,3480	30,745	0,506	-15,506	-26,549
BINARI	1107	1,500	31,833	98,8390	264,1960	31,828	0,516	-16,971	-26,926
BINARI	1108	1,500	33,078	98,9310	261,8020	33,073	0,490	-18,675	-27,296
BINARI	1109	1,500	34,154	98,9520	259,7750	34,149	0,497	-20,170	-27,556
BINARI	1110	1,500	34,900	98,9710	259,0980	34,895	0,499	-20,909	-27,937
BINARI	1111	1,500	33,609	98,9390	260,7830	33,604	0,495	-19,416	-27,427
BINARI	1112	1,500	36,797	99,0330	256,3890	36,793	0,494	-23,279	-28,492
BINARI	1113	1,500	38,003	99,0660	254,8900	37,999	0,493	-24,728	-28,852
BINARI	1114	1,500	46,819	99,1410	269,9640	46,815	0,567	-21,277	-41,700
BINARI	1115	1,500	45,793	99,1270	271,4580	45,789	0,563	-19,848	-41,264
BINARI	1116	1,500	44,877	99,1050	273,2480	44,873	0,566	-18,306	-40,969
BINARI	1117	1,500	43,989	99,0850	275,0270	43,984	0,567	-16,815	-40,643
BINARI	1118	1,500	43,524	99,0800	276,1740	43,519	0,564	-15,910	-40,507
BINARI	1119	1,500	44,394	99,0930	274,3950	44,389	0,567	-17,376	-40,847
BINARI	1120	1,500	41,746	98,9950	278,9180	41,741	0,594	-13,571	-39,473
BINARI	1121	1,500	40,901	99,0320	280,8370	40,896	0,557	-12,125	-39,057
BINARI	1122	1,500	39,614	99,0360	284,1280	39,609	0,535	-9,773	-38,384
BINARI	1123	1,500	38,897	99,1050	286,2810	38,893	0,482	-8,317	-37,993
BINARI	1124	1,500	38,521	99,1130	287,2230	38,517	0,472	-7,679	-37,744
BINARI	1125	1,500	37,680	99,0930	289,3120	37,676	0,472	-6,296	-37,146
BINARI	1126	1,500	35,866	99,0560	290,6890	35,862	0,467	-5,226	-35,479
BINARI	1127	1,500	36,897	99,0980	294,2400	36,893	0,458	-3,333	-36,742
BINARI	1128	1,500	36,008	99,0860	296,8140	36,004	0,452	-1,801	-35,959
BINARI	1129	1,500	34,924	99,1050	299,4070	34,921	0,426	-0,325	-34,919
BINARI	1130	1,500	33,511	99,0190	302,5600	33,507	0,451	1,347	-33,480
BINARI	1131	2,300	33,408	97,5070	303,5950	33,382	0,443	1,884	-33,329
BINARI	1132	2,300	33,061	97,4740	305,3050	33,035	0,446	2,750	-32,920
BINARI	1133	2,300	32,935	97,4720	306,3720	32,909	0,442	3,288	-32,744
PLINTO	1134	1,500	77,292	99,3720	287,2710	77,288	0,697	-15,351	-75,748
PLINTO	1135	1,500	76,409	99,3650	286,9160	76,405	0,697	-15,593	-74,797
PLINTO	1136	1,500	76,841	99,3710	286,2170	76,837	0,694	-16,506	-75,043
PLINTO	1137	1,500	75,747	99,3620	285,7030	75,743	0,694	-16,867	-73,841
PLINTO	1138	1,500	75,280	99,3570	286,3960	75,276	0,695	-15,964	-73,564
PLINTO	1139	1,500	76,152	99,3660	286,7920	76,148	0,693	-15,685	-74,515
PLINTO	1140	1,500	56,376	99,3140	275,0790	56,373	0,542	-21,508	-52,109
PLINTO	1141	1,500	55,588	99,3040	274,3890	55,585	0,543	-21,763	-51,147
PLINTO	1142	1,500	55,351	99,3080	274,1890	55,348	0,537	-21,830	-50,861
PLINTO	1143	1,500	54,571	99,2780	273,4740	54,567	0,554	-22,084	-49,898

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
PLINTO	1144	1,500	55,169	99,2740	272,6160	55,165	0,564	-23,004	-50,140
MURO	1145	1,500	49,492	99,3570	263,4130	49,489	0,435	-26,902	-41,539
MURO	1146	1,500	44,087	99,3990	252,2890	44,085	0,351	-30,032	-32,273
Spig.Fabb.	1147	1,500	42,269	99,2480	249,5410	42,266	0,434	-30,101	-29,670
Spig.Fabb.	1148	1,500	36,870	99,1290	223,3340	36,867	0,439	-34,418	-13,212
Spig.Fabb.	1149	1,500	37,846	99,3070	217,1360	37,844	0,347	-36,481	-10,064
Chiodo	2000	1,500	76,081	99,7350	214,4210	76,080	0,252	-74,136	-17,087
Chiodo	3000	1,500	39,606	107,7180	78,5190	39,315	-4,855	13,015	37,098
Spig.Fabb.	1150	2,300	44,858	105,6660	74,0980	44,680	-4,852	17,681	41,033
Spig.Fabb.	1151	2,300	31,478	108,0010	45,0190	31,230	-4,811	23,741	20,289
PUN QUOT	1152	1,500	103,441	100,4320	111,6070	103,439	-0,767	-18,755	101,725
PUN QUOT	1153	1,500	100,564	100,4190	111,8140	100,562	-0,727	-18,555	98,835
PUN QUOT	1154	1,500	98,461	100,5030	110,5970	98,458	-0,843	-16,313	97,097
PUN QUOT	1155	1,500	96,624	100,4450	108,2010	96,622	-0,740	-12,413	95,821
PUN QUOT	1156	2,000	96,099	100,2380	107,5860	96,098	-0,924	-11,424	95,417
PUN QUOT	1157	2,300	91,400	100,0770	106,5560	91,400	-0,976	-9,396	90,916
PUN QUOT	1158	2,300	82,936	100,1860	104,9470	82,936	-1,107	-6,438	82,686
PUN QUOT	1159	2,300	79,760	99,9750	104,4000	79,760	-0,834	-5,508	79,570
PUN QUOT	1160	2,300	75,817	100,2020	105,1350	75,817	-1,106	-6,109	75,570
PUN QUOT	1161	2,300	71,952	100,0990	105,6510	71,952	-0,977	-6,378	71,669
PUN QUOT	1162	2,300	67,774	100,1450	105,9750	67,774	-1,019	-6,352	67,476
PUN QUOT	1163	2,300	62,605	100,2330	106,1960	62,605	-1,094	-6,084	62,309
PUN QUOT	1164	2,300	58,941	100,1640	106,6390	58,941	-1,017	-6,136	58,621
PUN QUOT	1165	2,300	56,993	100,1710	106,4310	56,993	-1,018	-5,748	56,702
PUN QUOT	1166	2,300	56,794	99,9930	106,7180	56,794	-0,859	-5,982	56,478
PUN QUOT	1167	2,300	53,703	99,9550	106,4850	53,703	-0,827	-5,461	53,425
PUN QUOT	1168	1,500	51,256	100,8010	107,0730	51,252	-0,710	-5,683	50,936
PUN QUOT	1169	1,500	46,595	100,9060	106,9080	46,590	-0,728	-5,046	46,316
PUN QUOT	1170	1,500	35,916	100,6790	106,5850	35,914	-0,448	-3,708	35,722
PUN QUOT	1171	1,500	28,879	100,6620	106,6510	28,877	-0,365	-3,011	28,720
PUN QUOT	1172	1,500	21,375	100,5640	107,4630	21,374	-0,254	-2,500	21,227
PUN QUOT	1173	1,500	15,501	100,6970	106,0470	15,500	-0,235	-1,470	15,430
PUN QUOT	1174	1,500	11,331	101,2720	102,5760	11,329	-0,291	-0,458	11,320
PUN QUOT	1175	1,500	7,046	102,5040	90,6900	7,041	-0,342	1,026	6,966
PUN QUOT	1176	1,500	4,415	100,8110	27,7140	4,415	-0,121	4,003	1,862
MURO	1177	1,500	4,776	97,2120	27,2120	4,771	0,144	4,342	1,978
MURO	1178	1,500	4,870	95,2170	383,9830	4,856	0,301	4,703	-1,209
MURO	1179	1,500	12,047	97,8220	337,0400	12,040	0,347	6,617	-10,059
MURO	1180	1,500	12,032	97,7510	335,7170	12,024	0,360	6,398	-10,181
MURO	1181	1,500	14,659	97,7890	332,5400	14,650	0,444	7,166	-12,778
MURO	1182	1,500	15,769	98,3280	330,4110	15,764	0,349	7,247	-13,999
MURO	1183	1,500	16,716	98,4570	327,6770	16,711	0,340	7,038	-15,156
MURO	1184	1,500	17,262	98,4280	325,3950	17,257	0,361	6,703	-15,902
MURO	1185	1,500	17,930	98,5600	321,4400	17,925	0,341	5,923	-16,918
MURO	1186	1,500	18,250	98,5910	318,9070	18,246	0,339	5,340	-17,447
MURO	1187	1,500	18,463	98,6000	315,6570	18,459	0,341	4,494	-17,904
MURO	1188	1,500	19,173	97,8280	304,0250	19,162	0,589	1,211	-19,124
MURO	1189	1,500	34,135	98,7430	311,7990	34,128	0,609	6,289	-33,544
MURO	1190	1,500	33,762	98,9510	317,4370	33,757	0,491	9,131	-32,499
MURO	1191	1,500	33,948	98,9050	319,5170	33,943	0,519	10,244	-32,360
MURO	1192	1,500	34,313	99,0200	321,2630	34,309	0,463	11,247	-32,413
MURO	1193	1,500	35,142	99,1470	323,1030	35,139	0,406	12,474	-32,850
MURO	1194	1,500	36,416	99,2490	324,6430	36,413	0,365	13,746	-33,719
MURO	1195	1,500	37,775	99,3360	325,1930	37,773	0,329	14,561	-34,854
MURO	1196	1,500	39,422	99,3220	325,1430	39,420	0,355	15,167	-36,385
MURO	1197	1,500	40,763	99,0020	325,1430	40,758	0,574	15,682	-37,620
MURO	1198	1,500	40,789	98,8580	325,7480	40,782	0,667	16,048	-37,492
MURO	1199	1,500	43,567	98,2100	326,2370	43,550	1,160	17,444	-39,904
PUN QUOT	1200	1,500	13,089	100,3190	107,9000	13,089	-0,131	-1,620	12,988

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
PUN QUOT	1201	1,500	22,687	100,2840	109,8430	22,687	-0,166	-3,494	22,416
PUN QUOT	1202	1,500	30,743	100,1520	110,8930	30,743	-0,138	-5,235	30,294
PUN QUOT	1203	1,500	39,779	100,4440	111,6460	39,778	-0,342	-7,236	39,114
PUN QUOT	1204	1,500	48,548	100,4440	111,7480	48,547	-0,404	-8,908	47,723
PUN QUOT	1205	1,500	59,719	100,5040	111,9710	59,717	-0,538	-11,163	58,664
PUN QUOT	1206	1,500	73,437	100,4810	111,7250	73,435	-0,620	-13,449	72,193
PUN QUOT	1207	1,500	84,974	100,4230	111,0200	84,972	-0,630	-14,635	83,702
PUN QUOT	1208	1,500	84,549	100,3980	113,5450	84,547	-0,594	-17,853	82,641
PUN QUOT	1209	1,500	70,347	100,4660	114,1640	70,345	-0,580	-15,522	68,611
PUN QUOT	1210	1,500	57,955	100,4650	114,8850	57,953	-0,488	-13,427	56,376
PUN QUOT	1211	1,500	46,032	100,3740	115,7060	46,031	-0,335	-11,241	44,637
PUN QUOT	1212	1,500	27,084	100,0120	118,0970	27,084	-0,070	-7,596	25,997
PUN QUOT	1213	1,500	14,092	100,0360	120,8780	14,092	-0,073	-4,539	13,341
PUN QUOT	1214	1,500	6,945	99,6530	133,0810	6,945	-0,027	-3,449	6,028
PUN QUOT	1215	1,500	3,197	100,1300	119,2110	3,197	-0,072	-0,950	3,053
PUN QUOT	1216	1,500	4,859	97,6020	234,3490	4,856	0,118	-4,166	-2,495
PUN QUOT	1217	1,500	8,954	98,1900	308,2210	8,950	0,190	1,153	-8,875
PUN QUOT	1218	1,500	14,304	98,4550	306,4120	14,300	0,282	1,438	-14,228

File: Baldaccio 02.01.2018.fw1
 N.Lavoro: 1
 Nome Lavoro:
 Operatore:
 Strumento:
 Data:

Nome Stazione: 2000
 Identificativo: Chiodo
 Temperatura:
 Pressione:
 Altezza strum: 1,463

Codice	Nome	Altezza	Distanza	Angolo	Angolo	Distanza	Quota	Co.Rel.	Co.Rel.
punto	punto	Prisma	incl.	vert.	orizz.	orizz.	rel.	Nord (X)	Est (Y)
Chiodo	1000	1,700	76,080	100,0070	204,8780	76,080	-0,245	-75,857	-5,824
Spig.Fabb.	2001	1,700	35,312	99,2440	195,3570	35,310	0,182	-35,216	2,573
Spig.Fabb.	2002	1,700	35,948	99,3810	201,9230	35,946	0,113	-35,930	-1,086
PUN QUOT	2003	1,700	22,997	99,2180	192,2130	22,995	0,045	-22,823	2,806
PUN QUOT	2004	1,700	21,987	99,5430	191,5390	21,986	-0,079	-21,792	2,913
PUN QUOT	2005	1,700	15,394	99,4860	185,9990	15,393	-0,113	-15,022	3,358
PUN QUOT	2006	1,700	12,785	98,3120	185,6440	12,781	0,102	-12,457	2,858
PUN QUOT	2007	1,700	7,191	98,7000	22,6080	7,190	-0,090	6,741	2,500
PUN QUOT	2008	1,700	13,487	100,4700	7,1490	13,487	-0,337	13,402	1,511
PUN QUOT	2009	1,700	12,814	100,5750	382,4250	12,813	-0,353	12,328	-3,492
PUN QUOT	2010	1,700	13,552	101,0460	368,7000	13,550	-0,460	11,945	-6,397
PUN QUOT	2011	1,700	14,796	100,7920	357,2230	14,795	-0,421	11,579	-9,210
PUN QUOT	2012	1,700	18,000	101,2290	343,6930	17,997	-0,584	11,405	-13,922
PUN QUOT	2013	1,700	20,213	101,7650	337,5580	20,205	-0,797	11,241	-16,790
PUN QUOT	2014	1,700	21,752	101,6730	329,0550	21,744	-0,809	9,583	-19,518
PUN QUOT	2015	1,700	23,838	100,8580	321,0810	23,836	-0,558	7,750	-22,541
PUN QUOT	2016	1,700	25,979	101,2030	318,9730	25,974	-0,728	7,627	-24,829
PUN QUOT	2017	1,700	28,892	100,0830	310,7070	28,892	-0,275	4,836	-28,484
PUN QUOT	2018	1,700	30,127	100,2260	310,2430	30,127	-0,344	4,826	-29,738
PUN QUOT	2019	1,700	32,694	99,9420	306,4100	32,694	-0,207	3,286	-32,528
PUN QUOT	2020	1,700	34,380	99,9810	303,6980	34,380	-0,227	1,996	-34,322
PUN QUOT	2021	1,700	36,964	100,2860	302,1140	36,964	-0,403	1,227	-36,944
PUN QUOT	2022	1,700	39,485	100,4600	299,6290	39,484	-0,522	-0,230	-39,483
PUN QUOT	2023	1,700	41,310	100,4700	295,7900	41,309	-0,542	-2,730	-41,219
PUN QUOT	2024	1,700	43,254	100,4460	292,0600	43,253	-0,540	-5,381	-42,917
PUN QUOT	2025	1,700	46,998	100,5370	288,3600	46,996	-0,633	-8,545	-46,213
PUN QUOT	2026	1,700	45,626	100,0550	286,6550	45,626	-0,276	-9,494	-44,627
PUN QUOT	2027	1,700	41,740	99,9330	288,2330	41,740	-0,193	-7,671	-41,029
PUN QUOT	2028	1,700	36,608	99,6890	290,5090	36,608	-0,058	-5,437	-36,202
PUN QUOT	2029	1,700	30,105	99,1850	291,1820	30,103	0,148	-4,156	-29,815
PUN QUOT	2030	1,700	18,636	99,1300	291,5510	18,634	0,018	-2,466	-18,470
PUN QUOT	2031	1,700	7,553	98,0280	283,9220	7,549	-0,003	-1,886	-7,310
PUN QUOT	2032	1,700	15,043	98,7440	101,3170	15,040	0,060	-0,311	15,037
PUN QUOT	2033	1,700	31,321	99,0250	102,5990	31,317	0,243	-1,278	31,291
PUN QUOT	2034	1,700	52,989	99,5680	100,7640	52,988	0,123	-0,636	52,984
PUN QUOT	2035	1,700	43,996	99,4840	95,2630	43,995	0,120	3,271	43,873
PUN QUOT	2036	2,300	43,117	98,7830	83,2430	43,109	-0,013	11,217	41,624
PUN QUOT	2037	2,300	32,541	98,3650	73,4360	32,530	-0,001	13,183	29,739
PUN QUOT	2038	1,700	29,503	99,2880	82,8950	29,501	0,093	7,831	28,443

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
PUN QUOT	2039	1,700	29,499	100,7600	66,7860	29,497	-0,589	14,701	25,573
PUN QUOT	2040	1,700	27,910	101,0650	64,4720	27,906	-0,704	14,778	23,672
PUN QUOT	2041	1,600	22,197	101,6330	47,3130	22,190	-0,706	16,339	15,015
PUN QUOT	2042	1,700	20,260	101,0830	42,4160	20,257	-0,582	15,925	12,520
PUN QUOT	2043	1,700	18,671	101,0970	37,7340	18,668	-0,559	15,484	10,428
PUN QUOT	2044	1,700	17,923	101,5230	32,6430	17,918	-0,666	15,614	8,790
PUN QUOT	2045	1,700	16,379	102,8020	25,1240	16,363	-0,958	15,105	6,291
PUN QUOT	2046	1,700	15,062	101,1870	20,6330	15,059	-0,518	14,275	4,796
PUN QUOT	2047	1,700	14,360	101,7890	31,8450	14,354	-0,640	12,595	6,884
PUN QUOT	2048	1,700	13,393	100,7900	40,9050	13,392	-0,403	10,721	8,025
PUN QUOT	2049	1,700	16,655	100,6730	47,8200	16,654	-0,413	12,172	11,366
PUN QUOT	2050	1,700	22,173	100,9120	60,7140	22,171	-0,555	12,830	18,082
PUN QUOT	2051	1,700	26,119	100,6900	67,2440	26,117	-0,520	12,853	22,735
PUN QUOT	2052	1,700	25,871	99,7150	68,9200	25,871	-0,121	12,135	22,849
PUN QUOT	2053	1,700	20,510	100,1300	61,4720	20,510	-0,279	11,669	16,867
PUN QUOT	2054	1,700	18,500	99,3790	70,2060	18,499	-0,057	8,345	16,510
PUN QUOT	2055	1,700	16,068	98,8270	51,4400	16,065	0,059	11,100	11,614
PUN QUOT	2056	1,700	14,954	99,1830	59,1510	14,953	-0,045	8,950	11,979
PUN QUOT	2057	1,700	16,127	99,2460	76,0240	16,126	-0,046	5,931	14,996
PUN QUOT	2058	1,700	11,072	98,9060	58,1060	11,070	-0,047	6,770	8,758
PUN QUOT	2059	1,700	7,103	98,8910	19,3090	7,102	-0,113	6,778	2,121
PUN QUOT	2060	1,700	8,630	100,0210	377,4400	8,630	-0,240	8,094	-2,995
PUN QUOT	2061	1,700	12,141	99,4330	347,5870	12,141	-0,129	8,253	-8,904
PUN QUOT	2062	1,700	16,527	99,7580	329,8410	16,527	-0,174	7,466	-14,744
PUN QUOT	2063	1,700	21,365	100,1330	319,3680	21,365	-0,282	6,400	-20,384
PUN QUOT	2064	1,700	19,278	99,8250	309,9610	19,278	-0,184	3,004	-19,042
PUN QUOT	2065	1,700	11,516	99,4810	317,8660	11,516	-0,143	3,190	-11,065
PUN QUOT	2066	1,700	5,488	98,2760	348,4750	5,486	-0,088	3,785	-3,971
PUN QUOT	2067	1,700	22,508	99,3850	305,7790	22,507	-0,020	2,040	-22,414
PUN QUOT	2068	1,700	28,745	99,7580	307,2490	28,745	-0,128	3,266	-28,559
PUN QUOT	2069	1,700	25,512	99,8400	312,4420	25,512	-0,173	4,954	-25,026
PUN QUOT	2070	1,700	26,883	99,2710	296,7930	26,881	0,071	-1,354	-26,847
PUN QUOT	2071	1,700	33,575	99,4370	294,6870	33,574	0,060	-2,799	-33,457
PUN QUOT	2072	1,700	36,973	99,5980	295,3350	36,972	-0,004	-2,707	-36,873
PUN QUOT	2073	1,700	39,579	99,6610	282,3680	39,578	-0,026	-10,822	-38,070
PUN QUOT	2074	1,700	31,274	99,2510	276,8410	31,272	0,131	-11,127	-29,226
PUN QUOT	2075	1,700	23,056	98,9150	268,8790	23,053	0,156	-10,826	-20,353
PUN QUOT	2076	1,700	15,919	98,5700	257,2410	15,915	0,121	-9,904	-12,458
PUN QUOT	2077	1,700	18,890	98,9810	124,2720	18,888	0,065	-7,028	17,532
PUN QUOT	2078	1,700	32,034	99,1860	113,1680	32,031	0,173	-6,578	31,348
PUN QUOT	2079	1,700	54,289	99,5070	104,7150	54,287	0,183	-4,017	54,138
PUN QUOT	2080	1,700	55,129	99,6630	95,7490	55,128	0,055	3,678	55,005
PUN QUOT	2081	1,700	57,939	99,5190	118,8480	57,937	0,201	-16,904	55,416
PUN QUOT	2082	1,700	40,274	99,5510	126,0870	40,273	0,047	-16,045	36,939
PUN QUOT	2083	1,700	28,732	99,3130	136,3280	28,730	0,073	-15,519	24,178
PUN QUOT	2084	1,700	23,611	99,2510	148,1320	23,609	0,041	-16,197	17,177
PUN QUOT	2085	1,700	20,927	99,2920	144,6820	20,926	-0,004	-13,511	15,980
PUN QUOT	2086	1,700	15,297	99,5140	183,9920	15,297	-0,120	-14,816	3,806
PUN QUOT	2087	1,700	23,243	99,7360	246,3840	23,243	-0,141	-17,342	-15,476
PUN QUOT	2088	1,700	37,827	99,9900	265,1270	37,827	-0,231	-19,700	-32,292
PUN QUOT	2089	1,700	47,812	100,1890	271,7340	47,812	-0,379	-20,538	-43,176
PUN QUOT	2090	1,700	50,808	100,2170	265,7590	50,808	-0,410	-26,029	-43,634
PUN QUOT	2091	1,700	37,208	100,0580	253,7170	37,208	-0,271	-24,730	-27,800
PUN QUOT	2092	1,700	30,700	99,8760	242,7990	30,700	-0,177	-24,020	-19,119
PUN QUOT	2093	1,700	23,004	99,4760	221,8220	23,003	-0,048	-21,665	-7,731
PUN QUOT	2094	1,700	30,793	99,2400	209,1550	30,791	0,131	-30,473	-4,413
MARCIAPIE	2095	1,700	43,243	99,4110	207,8860	43,241	0,163	-42,910	-5,343
Spig.Fabb.	2096	1,700	38,305	99,4550	202,2240	38,304	0,091	-38,281	-1,338
MURO	2097	1,700	35,515	99,2930	152,2980	35,513	0,157	-26,001	24,189

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
MURO	2098	1,700	43,697	99,3420	143,6770	43,695	0,215	-27,681	33,808
Chiodo	4000	1,700	82,787	102,8060	59,9140	82,707	-3,885	48,704	66,846

File: Baldaccio 02.01.2018.fw1
 N.Lavoro: 1
 Nome Lavoro:
 Operatore:
 Strumento:
 Data:

Nome Stazione: 4000
 Identificativo: Chiodo
 Temperatura:
 Pressione:
 Altezza strum: 1,503

Codice	Nome	Altezza	Distanza	Angolo	Angolo	Distanza	Quota	Co.Rel.	Co.Rel.
punto	punto	Prisma	incl.	vert.	orizz.	orizz.	rel.	Nord (X)	Est (Y)
MURO	4001	1,700	12,627	99,2960	374,0580	12,626	-0,057	11,592	-5,004
MURO	4002	1,380	20,731	101,3510	15,7500	20,726	-0,317	20,095	5,075
MURO	4005	1,700	27,978	100,8430	34,6810	27,976	-0,567	23,926	14,498
MURO	4006	1,700	29,721	101,1540	38,2780	29,716	-0,736	24,504	16,810
MURO	4007	1,700	38,327	101,2480	35,4490	38,320	-0,948	32,531	20,252
MURO	4008	2,300	41,355	100,3120	34,4240	41,355	-1,000	35,455	21,288
Spig.	4009	2,300	49,623	100,5050	45,7280	49,621	-1,191	37,361	32,656
MURO	4010	2,300	50,657	100,3840	47,9300	50,656	-1,103	36,965	34,636
MURO	4011	2,300	50,951	100,2480	48,5220	50,951	-0,995	36,854	35,182
MURO	4012	2,300	47,733	100,1830	54,1980	47,733	-0,934	31,455	35,903
MURO	4013	2,300	47,933	100,0770	54,3250	47,933	-0,855	31,515	36,116
MURO	4014	2,300	47,234	100,1290	55,7130	47,234	-0,893	30,272	36,258
MURO	4015	2,300	47,244	100,0980	56,2280	47,244	-0,870	29,984	36,510
MURO	4016	2,300	47,581	100,0660	57,6220	47,581	-0,846	29,385	37,423
MURO	4017	2,300	48,081	99,9990	58,9810	48,081	-0,796	28,880	38,441
MURO	4018	2,300	48,779	99,9720	60,2460	48,779	-0,776	28,519	39,574
MURO	4019	2,300	49,568	99,9640	61,1980	49,568	-0,769	28,376	40,642
MURO	4020	2,300	50,545	99,9490	61,9420	50,545	-0,757	28,449	41,779
MURO	4021	2,300	59,431	100,1370	65,3610	59,431	-0,925	30,765	50,849
MURO	4022	2,300	60,902	100,1800	65,8040	60,902	-0,969	31,163	52,325
PUN QUOT	4023	1,700	34,726	100,0170	36,2110	34,726	-0,206	29,258	18,704
PUN QUOT	4024	1,700	27,863	99,6970	34,3220	27,863	-0,064	23,911	14,305
PUN QUOT	4025	1,700	20,912	97,5520	15,7680	20,897	0,607	20,259	5,123
PUN QUOT	4026	1,700	20,646	96,2820	13,0350	20,611	1,008	20,180	4,191
PUN QUOT	4027	1,700	18,625	97,5010	9,8870	18,611	0,534	18,387	2,879
PUN QUOT	4028	1,700	15,910	96,9250	399,8830	15,891	0,571	15,891	-0,029
PUN QUOT	4029	1,700	16,637	94,2680	396,8100	16,570	1,299	16,549	-0,830
PUN QUOT	4030	1,700	18,380	93,4350	395,1260	18,282	1,695	18,228	-1,398
PUN QUOT	4031	1,700	20,086	90,8830	392,4900	19,880	2,670	19,742	-2,340
PUN QUOT	4032	1,700	22,153	89,2570	391,1350	21,838	3,524	21,627	-3,031
PUN QUOT	4033	1,700	23,309	90,8140	1,4510	23,067	3,155	23,061	0,526
PUN QUOT	4034	1,700	21,921	93,7970	6,3950	21,817	1,936	21,707	2,188
PUN QUOT	4035	1,700	21,129	94,9220	10,0370	21,062	1,487	20,801	3,307
PUN QUOT	4036	1,700	20,771	96,0270	11,6850	20,731	1,098	20,383	3,784
PUN QUOT	4037	1,700	23,154	96,4600	15,3960	23,118	1,090	22,445	5,537
PUN QUOT	4038	1,700	23,228	94,9070	12,1450	23,154	1,659	22,734	4,390
PUN QUOT	4039	1,700	25,956	95,0890	16,1570	25,879	1,803	25,050	6,498
PUN QUOT	4040	1,700	28,640	94,6430	18,8870	28,539	2,210	27,292	8,343
PUN QUOT	4041	1,700	31,683	95,1820	21,6750	31,592	2,198	29,779	10,550

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
PUN QUOT	4042	1,700	34,815	94,9070	23,6300	34,704	2,585	32,341	12,588
PUN QUOT	4043	1,700	34,097	97,1040	27,8360	34,062	1,354	30,857	14,423
PUN QUOT	4044	1,700	31,530	97,3490	27,7010	31,503	1,116	28,567	13,279
PUN QUOT	4045	1,700	29,959	98,0220	27,9010	29,945	0,734	27,115	12,708
PUN QUOT	4046	1,700	28,769	99,3520	29,8110	28,768	0,096	25,671	12,984
PUN QUOT	4047	1,700	31,791	98,9480	31,2120	31,787	0,328	28,043	14,968
PUN QUOT	4048	1,700	34,048	98,6130	31,8210	34,040	0,545	29,875	16,315
PUN QUOT	4049	1,700	36,999	98,7100	31,2240	36,991	0,553	32,630	17,424
PUN QUOT	4050	1,700	38,960	97,9030	30,7670	38,939	1,086	34,479	18,095
PUN QUOT	4051	1,700	35,811	96,5290	27,2260	35,758	1,755	32,538	14,831
PUN QUOT	4052	1,700	38,328	95,1850	26,0240	38,218	2,699	35,069	15,191
PUN QUOT	4053	1,700	37,007	93,0800	19,1690	36,789	3,818	35,134	10,911
PUN QUOT	4054	1,700	38,871	93,7200	21,6690	38,682	3,631	36,463	12,914
PUN QUOT	4055	1,700	41,687	94,3000	25,0440	41,520	3,530	38,348	15,916
PUN QUOT	4056	1,700	42,717	94,0600	18,2200	42,531	3,783	40,801	12,007
PUN QUOT	4057	1,700	30,450	91,9430	5,8920	30,206	3,646	30,077	2,792
PUN QUOT	4058	1,700	35,394	93,0100	11,2820	35,181	3,681	34,630	6,202
PUN QUOT	4059	1,700	37,182	93,0590	0,4640	36,961	3,849	36,960	0,269
PUN QUOT	4060	1,700	43,833	94,1490	15,6010	43,648	3,826	42,344	10,590
Chiodo	2000	1,700	82,809	96,8580	55,9030	82,708	3,888	52,817	63,647
PUN QUOT	4061	1,700	93,630	99,5420	71,7500	93,628	0,477	40,197	84,560
PUN QUOT	4062	1,700	86,972	99,2980	70,3780	86,967	0,762	39,021	77,721
PUN QUOT	4063	1,700	79,713	99,1360	68,5640	79,706	0,885	37,778	70,184
PUN QUOT	4064	1,700	70,028	99,2780	66,5450	70,023	0,597	35,127	60,575
PUN QUOT	4065	1,700	70,001	99,2790	66,5140	69,997	0,596	35,144	60,535
PUN QUOT	4066	1,700	62,388	99,4930	64,7010	62,386	0,300	32,846	53,039
PUN QUOT	4067	1,700	55,946	99,3640	62,4490	55,943	0,362	31,118	46,490
PUN QUOT	4068	1,700	51,934	99,2500	59,8300	51,930	0,415	30,636	41,931
PUN QUOT	4069	1,700	49,766	99,2130	56,9330	49,762	0,418	31,154	38,803
PUN QUOT	4070	1,700	48,760	98,8430	54,2890	48,752	0,689	32,074	36,715
PUN QUOT	4071	1,700	47,906	99,5380	56,1150	47,905	0,151	30,469	36,967
PUN QUOT	4072	1,700	48,641	99,4210	58,7890	48,639	0,245	29,333	38,799
PUN QUOT	4073	1,700	49,737	99,3550	60,4580	49,734	0,307	28,943	40,445
PUN QUOT	4074	1,700	50,534	99,3330	61,0820	50,531	0,332	29,002	41,379
PUN QUOT	4075	1,700	51,236	99,3610	61,5840	51,233	0,317	29,073	42,185
PUN QUOT	4076	1,700	64,978	99,4020	66,3750	64,975	0,413	32,745	56,121
PUN QUOT	4077	1,700	73,690	99,2170	68,4750	73,684	0,709	35,015	64,833
PUN QUOT	4078	1,700	80,154	99,1510	69,7280	80,147	0,872	36,691	71,255
PUN QUOT	4079	1,700	88,636	99,3590	71,7750	88,632	0,695	38,021	80,063
PUN QUOT	4080	1,700	93,697	99,7100	72,8250	93,696	0,230	38,792	85,289
MURO	4081	1,700	98,085	99,6360	72,8220	98,083	0,364	40,612	89,280
MURO	4082	1,700	93,563	99,3930	73,1230	93,559	0,695	38,336	85,344
MURO	4083	1,700	88,948	99,0390	72,1970	88,938	1,146	37,619	80,590
MURO	4084	1,700	84,975	98,6890	71,3290	84,957	1,553	36,981	76,486
MURO	4085	1,700	80,055	98,6110	70,0950	80,036	1,550	36,229	71,367
MURO	4086	1,700	71,430	98,7520	68,4210	71,416	1,203	33,990	62,808
MURO	4087	1,500	65,912	99,1490	67,1120	65,906	0,884	32,553	57,305
MURO	4088	1,500	57,623	99,0540	64,7040	57,617	0,859	30,333	48,986
MURO	4089	1,500	51,716	98,9140	62,4380	51,708	0,885	28,769	42,966
MURO	4090	1,500	49,636	98,8660	61,1780	49,628	0,887	28,423	40,683
MURO	4091	1,500	48,164	98,8700	59,0400	48,156	0,858	28,890	38,528
MURO	4092	1,500	47,321	98,8700	55,7120	47,314	0,843	30,324	36,319
MURO	4093	1,500	48,532	98,8840	53,4280	48,525	0,854	32,416	36,109
Spig.Fabb.	4094	1,500	26,648	97,7850	145,6320	26,632	0,930	-17,496	20,078
Spig.Fabb.	4095	1,500	50,080	98,6760	225,1890	50,069	1,044	-46,201	-19,298

File: Baldaccio 02.01.2018.fw1
 N.Lavoro: 1
 Nome Lavoro:
 Operatore:
 Strumento:
 Data:

Nome Stazione: 3000
 Identificativo: Chiodo
 Temperatura:
 Pressione:
 Altezza strum: 1,435

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
Chiodo	1000	1,700	39,655	91,7470	331,7770	39,322	4,861	18,823	-34,524
MURO	3001	1,700	36,679	90,5220	337,8040	36,273	5,176	20,296	-30,063
MURO	3002	1,500	36,386	91,1050	338,5590	36,031	5,002	20,513	-29,622
MURO	3003	1,500	33,006	91,5890	336,3910	32,718	4,283	17,701	-27,517
PUN QUOT	3004	1,500	30,738	92,4320	331,7950	30,521	3,580	14,617	-26,793
PUN QUOT	3005	1,500	28,837	92,7630	329,2090	28,651	3,206	12,689	-25,688
PUN QUOT	3006	1,500	26,438	93,2300	326,1070	26,289	2,741	10,481	-24,109
PUN QUOT	3007	1,500	25,445	93,4300	323,5440	25,310	2,556	9,148	-23,599
PUN QUOT	3008	1,500	24,166	93,7500	322,5470	24,050	2,304	8,341	-22,557
PUN QUOT	3009	1,900	23,704	94,0160	322,1030	23,599	1,760	8,030	-22,191
PUN QUOT	3010	1,900	19,839	92,9570	314,6580	19,718	1,725	4,500	-19,198
PUN QUOT	3011	1,900	14,678	90,7620	290,6430	14,524	1,657	-2,127	-14,367
PUN QUOT	3012	1,900	13,295	90,4550	252,3920	13,146	1,521	-8,940	-9,638
PUN QUOT	3013	1,900	13,772	90,2550	240,0850	13,611	1,635	-11,001	-8,015
PUN QUOT	3014	1,500	21,692	94,9550	201,6820	21,624	1,652	-21,616	-0,571
PUN QUOT	3015	1,700	25,631	95,4730	193,7130	25,566	1,556	-25,441	2,521
MURO	3016	1,700	24,225	95,6250	188,7670	24,168	1,399	-23,793	4,242
MURO	3017	1,700	20,863	95,0850	195,3910	20,801	1,344	-20,747	1,505
MURO	3018	1,700	20,861	94,4270	195,4780	20,781	1,559	-20,729	1,475
MURO	3019	1,700	12,847	90,4180	237,7830	12,702	1,661	-10,530	-7,104
MURO	3020	1,700	14,255	91,2910	296,6670	14,122	1,679	-0,739	-14,103
MURO	3021	1,700	23,064	94,5700	325,8890	22,980	1,700	9,090	-21,106
MURO	3022	1,700	23,147	93,2500	325,8320	23,017	2,185	9,085	-21,148
MURO	3023	1,700	25,090	92,6650	328,6350	24,924	2,619	10,837	-22,445
PUN QUOT	3024	1,700	23,209	91,1860	315,7440	22,987	2,938	5,627	-22,288
PUN QUOT	3025	1,700	19,843	90,4550	305,4850	19,620	2,699	1,688	-19,547
PUN QUOT	3026	1,700	16,598	87,1310	286,2850	16,260	3,067	-3,476	-15,884
PUN QUOT	3027	1,700	15,484	85,9230	257,8100	15,107	3,131	-9,295	-11,909
PUN QUOT	3028	1,700	16,777	87,5730	236,0030	16,458	2,989	-13,896	-8,819
MURO	3029	1,700	57,750	99,7430	170,8940	57,750	-0,032	-51,819	25,493
MURO	3030	1,700	45,975	99,6820	173,6570	45,974	-0,035	-42,094	18,486
MURO	3031	1,700	28,651	99,4660	182,2510	28,650	-0,025	-27,544	7,885
MURO	3032	1,700	20,715	99,1430	195,1290	20,713	0,014	-20,652	1,583
MURO	3033	1,700	16,980	98,7210	206,7060	16,977	0,076	-16,883	-1,785
MURO	3034	1,700	13,771	98,3590	224,5440	13,766	0,090	-12,756	-5,177
MURO	3035	1,700	11,991	97,9910	248,1270	11,985	0,113	-8,720	-8,222
MURO	3036	1,700	14,526	98,2360	301,6180	14,520	0,137	0,369	-14,515
MURO	3037	1,700	35,814	99,3740	339,5540	35,812	0,087	20,846	-29,119
MURO	3038	1,700	39,058	99,4160	341,3460	39,056	0,093	23,619	-31,105

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
MURO	3039	1,700	43,706	99,4820	344,0400	43,705	0,091	27,880	-33,658
MURO	3041	1,700	47,295	99,6200	345,7200	47,294	0,017	31,120	-35,613
MURO	3042	1,700	47,191	99,6030	346,0150	47,190	0,029	31,216	-35,390
MURO	3043	1,700	49,036	99,6130	346,8760	49,035	0,033	32,930	-36,332
MURO	3044	1,700	49,121	99,6030	346,8790	49,120	0,041	32,989	-36,393
MURO	3045	1,700	49,779	99,5830	347,1660	49,778	0,061	33,597	-36,730
MURO	3046	1,700	50,736	99,6990	347,4490	50,735	-0,025	34,409	-37,283
MURO	3047	1,700	51,626	99,7310	347,5330	51,626	-0,047	35,063	-37,892
MURO	3048	1,700	52,479	99,7550	347,4220	52,479	-0,063	35,576	-38,580
MARCIAPIE	3049	1,700	60,212	99,8340	347,8690	60,212	-0,108	41,128	-43,977
MARCIAPIE	3050	1,700	60,211	99,9050	347,9050	60,211	-0,175	41,152	-43,953
MARCIAPIE	3051	1,700	58,493	99,8050	349,0110	58,493	-0,086	40,713	-41,998
MARCIAPIE	3052	1,700	58,486	99,8760	349,0370	58,486	-0,151	40,726	-41,977
MARCIAPIE	3053	1,700	56,697	99,7740	349,9990	56,697	-0,064	40,090	-40,091
MARCIAPIE	3054	1,700	56,679	99,8540	350,0190	56,679	-0,135	40,090	-40,066
MARCIAPIE	3055	1,700	54,790	99,7450	350,8480	54,790	-0,046	39,255	-38,223
MARCIAPIE	3056	1,700	54,824	99,8280	350,8430	54,824	-0,117	39,276	-38,250
MARCIAPIE	3057	1,700	52,841	99,7410	351,4810	52,841	-0,050	38,223	-36,485
MARCIAPIE	3058	1,700	52,840	99,8080	351,4990	52,840	-0,106	38,233	-36,473
MARCIAPIE	3059	1,700	50,831	99,7070	351,6710	50,830	-0,031	36,873	-34,987
MARCIAPIE	3060	1,700	50,856	99,7880	351,7200	50,856	-0,096	36,919	-34,976
MARCIAPIE	3061	1,700	48,791	99,6570	351,4040	48,790	-0,002	35,252	-33,731
MARCIAPIE	3062	1,700	48,788	99,7460	351,4440	48,788	-0,070	35,272	-33,707
MARCIAPIE	3063	1,700	46,542	99,7080	350,8560	46,542	-0,052	33,350	-32,465
MARCIAPIE	3064	1,700	49,834	99,6710	348,6300	49,833	-0,007	34,471	-35,987
MARCIAPIE	3065	1,700	46,913	99,6290	347,7620	46,912	0,008	31,985	-34,317
MARCIAPIE	3066	1,700	46,906	99,7530	347,7970	46,906	-0,083	32,000	-34,295
MARCIAPIE	3067	1,700	30,675	99,2830	339,6520	30,673	0,080	17,893	-24,913
MARCIAPIE	3068	1,700	30,659	99,4660	339,7180	30,658	-0,008	17,910	-24,882
MARCIAPIE	3069	1,700	12,816	98,2730	298,8510	12,811	0,083	-0,231	-12,809
MARCIAPIE	3070	1,700	12,787	98,6990	298,8280	12,784	-0,004	-0,235	-12,782
MARCIAPIE	3071	1,700	10,805	97,9230	267,5500	10,799	0,087	-5,269	-9,426
MARCIAPIE	3072	1,700	10,774	98,4910	267,5500	10,771	-0,010	-5,256	-9,402
MARCIAPIE	3073	1,700	11,071	98,1750	244,2710	11,066	0,052	-8,496	-7,090
MARCIAPIE	3074	1,700	11,042	98,6140	244,2990	11,039	-0,025	-8,473	-7,076
MARCIAPIE	3075	1,700	11,715	98,3070	233,6110	11,711	0,047	-10,116	-5,900
MARCIAPIE	3076	1,700	11,682	98,7390	233,6430	11,680	-0,034	-10,087	-5,889
MARCIAPIE	3077	1,700	13,690	98,6360	216,2360	13,687	0,028	-13,244	-3,453
MARCIAPIE	3078	1,700	13,668	99,1210	216,1670	13,667	-0,076	-13,229	-3,434
MARCIAPIE	3079	1,700	14,974	98,8880	209,4990	14,972	-0,003	-14,806	-2,226
MARCIAPIE	3080	1,700	14,927	99,2660	209,3450	14,926	-0,093	-14,765	-2,183
MARCIAPIE	3081	1,700	17,793	99,1360	198,6770	17,791	-0,024	-17,787	0,370
MARCIAPIE	3082	1,700	20,156	99,2550	192,4910	20,155	-0,029	-20,015	2,372
MARCIAPIE	3083	1,700	20,138	99,5740	192,4560	20,138	-0,130	-19,997	2,381
MARCIAPIE	3084	1,700	23,516	99,4090	186,3210	23,515	-0,047	-22,974	5,014
MARCIAPIE	3085	1,700	23,512	99,7380	186,2530	23,512	-0,168	-22,966	5,038
MARCIAPIE	3086	1,700	27,016	99,5340	181,4700	27,015	-0,067	-25,879	7,753
MARCIAPIE	3087	1,700	27,008	99,8360	181,5360	27,008	-0,195	-25,880	7,724
MARCIAPIE	3088	1,700	31,448	99,6550	176,7910	31,448	-0,095	-29,381	11,213
MARCIAPIE	3089	1,700	31,432	99,9090	176,7310	31,432	-0,220	-29,356	11,235
MARCIAPIE	3090	1,700	40,915	99,8570	169,9210	40,915	-0,173	-36,432	18,620
MARCIAPIE	3091	1,700	40,897	100,0150	169,8790	40,897	-0,275	-36,404	18,636
MARCIAPIE	3092	1,700	54,044	100,0240	163,6950	54,044	-0,285	-45,492	29,177
MARCIAPIE	3093	1,700	53,101	100,0130	164,0330	53,101	-0,276	-44,849	28,430
MARCIAPIE	3094	1,700	53,095	100,1620	164,0020	53,095	-0,400	-44,830	28,448
STRISCIA	3095	1,700	37,549	99,9820	163,9740	37,549	-0,254	-31,695	20,133
STRISCIA	3096	1,700	18,348	99,5070	178,4740	18,347	-0,123	-17,308	6,086
STRISCIA	3097	1,700	8,312	98,6730	212,0020	8,310	-0,092	-8,163	-1,557
STRISCIA	3098	1,700	21,133	99,0400	347,2980	21,131	0,054	14,294	-15,562

Codice punto	Nome punto	Altezza Prisma	Distanza incl.	Angolo vert.	Angolo orizz.	Distanza orizz.	Quota rel.	Co.Rel. Nord (X)	Co.Rel. Est (Y)
MARCIAPIE	3099	1,700	45,030	99,5530	360,0060	45,029	0,051	36,432	-26,464
MARCIAPIE	3100	1,700	44,413	99,3200	368,5930	44,410	0,209	39,114	-21,031
MARCIAPIE	3101	1,700	37,500	99,3180	367,9950	37,498	0,137	32,858	-18,067
ASFALTO	3102	1,700	28,013	99,2590	366,9100	28,011	0,061	24,312	-13,913
ASFALTO	3103	1,700	16,870	99,0150	364,5810	16,868	-0,004	14,324	-8,908
ASFALTO	3104	1,700	7,462	98,9040	356,9850	7,461	-0,137	5,822	-4,666
MARCIAPIE	3105	1,700	7,472	97,9600	357,2560	7,468	-0,026	5,847	-4,646
MARCIAPIE	3106	1,700	2,552	94,4850	328,3670	2,542	-0,044	1,096	-2,294
MARCIAPIE	3107	1,700	2,519	98,2060	328,1350	2,518	-0,194	1,077	-2,276
MARCIAPIE	3108	1,700	1,634	98,2560	222,9670	1,633	-0,220	-1,528	-0,576
ASFALTO	3109	1,700	5,881	99,1870	175,4740	5,881	-0,190	-5,450	2,210
ASFALTO	3110	1,700	9,935	99,9670	168,4870	9,935	-0,260	-8,742	4,719
MARCIAPIE	3111	1,700	10,938	99,0520	167,7890	10,937	-0,102	-9,567	5,301
MARCIAPIE	3112	1,700	10,940	99,9390	168,0490	10,940	-0,255	-9,591	5,263
MARCIAPIE	3113	1,700	16,833	99,5550	163,2230	16,833	-0,147	-14,101	9,192
MARCIAPIE	3114	1,700	16,823	99,8950	163,4160	16,823	-0,237	-14,121	9,144
Spig.Fabb.	3115	1,700	6,151	96,3980	97,9000	6,141	0,083	0,203	6,138
Spig.Fabb.	3116	1,700	19,927	98,8950	389,4300	19,924	0,081	19,650	-3,293