

COMMITTENTE:



PROGETTAZIONE:



CUP J34G18000150001

U.O. INFRASTRUTTURE CENTRO

PROGETTO DEFINITIVO

**LINEA VERONA – BRENNERO E LINEA FORTEZZA – SAN CANDIDO
NUOVO COLLEGAMENTO FERROVIARIO “VARIANTE VAL DI RIGA”
VARIANTE VAL DI RIGA**

Elaborati di Linea

Sezioni trasversali - Adeguamento Linea Storica Verona Brennero - Fascicolo

SCALA :

1:2000

COMMESSA LOTTO FASE ENTE TIPO DOC. OPERA/DISCIPLINA PROGR. REV.

IB0H 00 D 29 W9 IF 00 0 1 002 B

Revis.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato	Data
A	Emissione Esecutiva	M. Pianesi	06/2020	S. Casula	06/2020	C. Mazzocchi	06/2020	F. Arduini	12/2020
B	Emissione Esecutiva	M. Pianesi <i>MP</i>	12/2020	S. Casula <i>SK</i>	12/2020	C. Mazzocchi <i>cm</i>	12/2020	F. Arduini <i>FA</i>	12/2020

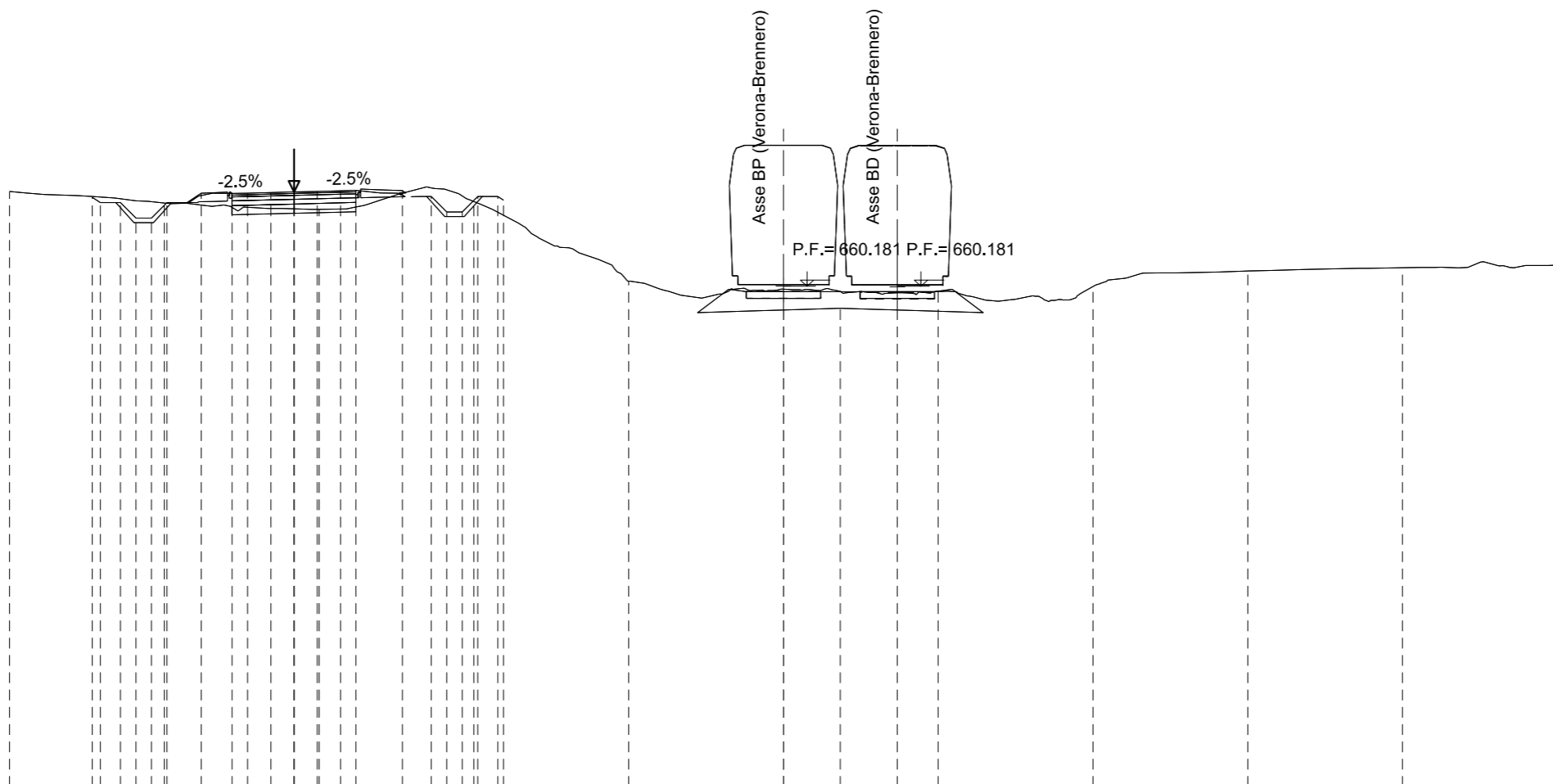
ITALFERR S.p.A.
Direzione Tecnica
Infrastrutture Centro
Dott. Ing. Ezio Arduini
Ufficio di Ingegneria e Progettazione di Roma
n. 1854/2020

File: IB0H00D29W9IF0001002B.dgn

n. Elab.: -

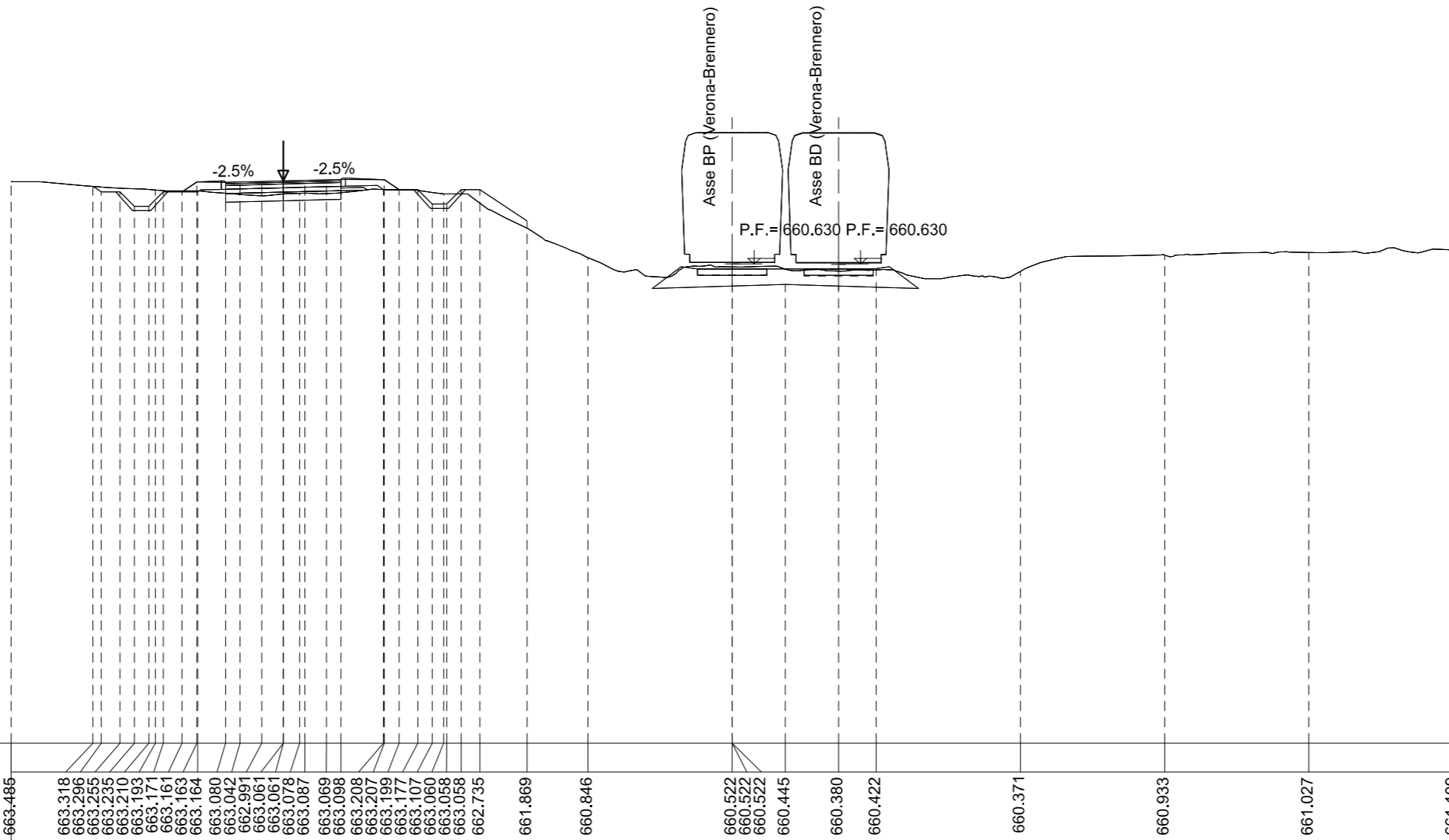
X_Asse

Prog. = 192+772.792
Q. Rif. = 644.000



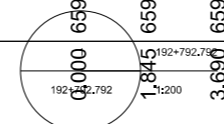
Quote Terreno	663.241	663.082	663.064	663.008	662.942	662.909	662.864	662.857	662.802	662.727	662.727	663.175	663.188	662.727	662.694	663.207	662.682	662.682	662.666	662.666	662.676	662.742	663.183	663.358	663.298	663.099	662.919	662.867	662.571	662.475	660.341	660.083	660.083	660.008	659.967	660.013	660.169	660.670	660.776	660.854		
Quote Progetto		663.054	662.881	662.881	662.942	662.382	662.864	662.882	663.187	663.175	663.188	663.207	663.225	662.535	662.666	663.244	663.263	663.276	663.268	663.079	662.579	662.579	662.919	663.079	663.080	662.960	659.411	659.466	659.411													
Dist. Progr. Progetto		-22.327	-22.068	-21.418	-20.917	-20.417	-19.917	-18.810	-17.810	-17.310	-16.560	-15.810	-15.810	-15.060	-14.310	-13.810	-12.310	-11.376	-10.876	-10.376	-9.876	-9.226	-9.046	0.000	1.841	3.681																
Dist. Parziali		0.258	0.258	0.150	0.500	0.500	0.500	1.087	0.870	0.500	1.500	0.000	1.500	0.800	1.260	1.024	0.150	0.500	0.500	0.500	0.500	0.180	10.887																			

X_Asse



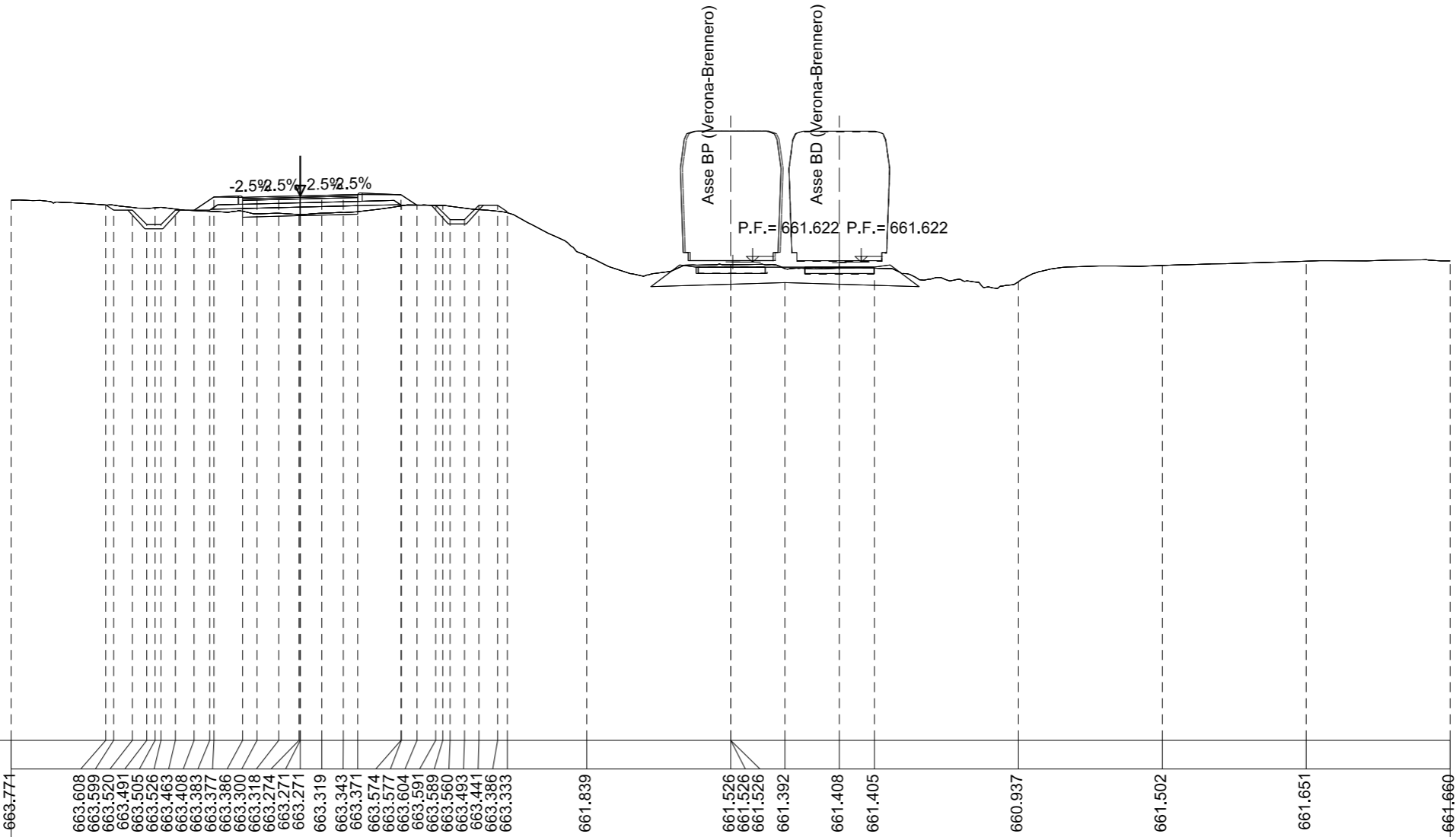
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Q. Rif. = 644.000

Quote Terreno	663.485	663.318	663.296	663.255	663.235	663.210	663.193	663.171	663.161	663.163	663.164	663.080	663.042	662.991	663.061	663.061	663.078	663.087	663.069	663.548	663.560	663.098	663.208	663.207	663.552	663.199	663.177	663.107	663.060	663.058	663.058	663.058	662.735	661.869	660.846	660.522	660.522	660.445	660.380	660.422	660.371	660.933	661.027	664.109	
Quote Progetto		663.325	663.129	663.129	663.129	662.630	662.630	663.130	663.130	663.471	663.130	663.459	663.472	662.991	663.491	663.510	662.820	663.529	663.548	663.560	663.560	663.208	663.208	663.552	663.208	663.177	663.107	662.708	662.708	663.058	663.208	662.735	661.869	660.846	660.522	660.522	660.445	660.380	660.422	660.371	660.933	661.027	664.109		
Dist. Progr. Progetto		-22.169	-21.876	-21.226	-21.226	-20.726	-20.226	-19.726	-19.076	-18.564	-18.535	-17.564	-17.064	-16.314	-15.564	-15.564	-14.814	-14.063	-13.563	-13.563	-12.088	-12.063	-11.547	-11.547	-10.897	-10.397	-9.897	-9.396	-8.746	-7.108	-7.108	0.000	0.000	1.845	3.690	3.690	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dist. Parziali		0.293	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.870	0.900	0.900	1.500	0.000	1.501	0.500	0.500	0.500	0.500	1.260	0.215	0.500	0.500	0.500	0.500	0.500	0.500	0.500	1.638	8.953	0.000	0.000	1.845	3.690	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

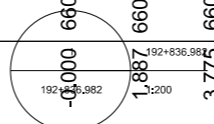


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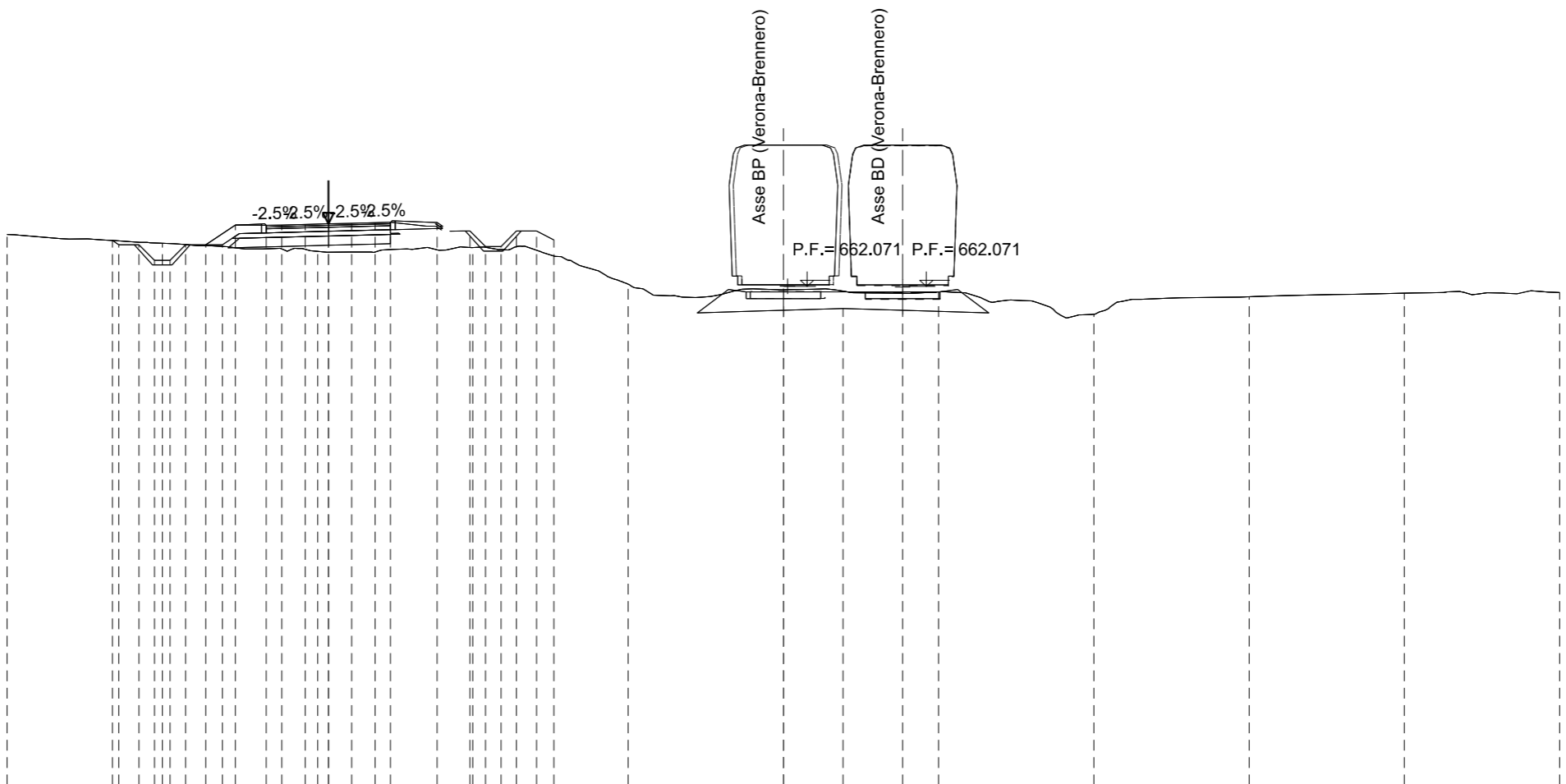
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Q. Rif. = 645.000



	663.771	663.608	663.599	663.520	663.491	663.505	663.526	663.463	663.408	663.383	663.377	663.366	663.300	663.318	663.274	663.271	663.271	663.319	663.343	663.371	663.574	663.577	663.604	663.591	663.589	663.589	663.560	663.493	663.441	663.386	663.333	661.839	661.526	661.526	661.392	661.408	661.405	660.937	661.502	661.651	661.660	
Quote Terreno	663.771	663.608	663.599	663.520	663.491	663.505	663.526	663.463	663.408	663.383	663.377	663.366	663.300	663.318	663.274	663.271	663.271	663.319	663.343	663.371	663.574	663.577	663.604	663.591	663.589	663.589	663.560	663.493	663.441	663.386	663.333	661.839	661.526	661.526	661.392	661.408	661.405	660.937	661.502	661.651	661.660	
Quote Progetto		663.606	663.426	663.426	663.491	662.926	663.526	663.427	663.408	663.427	663.383	663.366	663.872	663.884	663.903	663.274	663.271	663.232	663.941	663.960	663.972	663.574	663.965	663.593	663.604	663.591	663.589	663.560	663.493	663.441	663.386	663.333	661.526	660.851	660.908	660.851	661.408	661.405	660.937	661.502	661.651	661.660
Dist. Progr. Progetto		-21.712	-21.442	-20.792	-20.292	0.500	-19.792	-19.292	-18.642	-18.101	-17.956	-16.956	-16.456	-15.706	-14.956	-14.956	-14.206	-14.206	-13.456	-12.956	-11.456	-11.439	-10.898	-10.898	-10.248	-9.748	-9.248	-8.748	-8.098	-7.757	9.644	-0.000	1.887	3.775	3.775	0.000	0.000	0.000	0.000	0.000	0.000	
Dist. Parziali		0.270	0.308	0.500	0.500	0.500	0.500	0.500	0.275	0.275	0.870	0.800	1.500	0.000	1.500	1.500	0.000	0.000	0.000	0.000	1.260	0.257	0.341	0.500	0.500	0.500	0.500	0.341	0.341	9.644	0.000	1.887	3.775	3.775	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

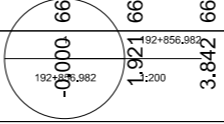


X_Asse



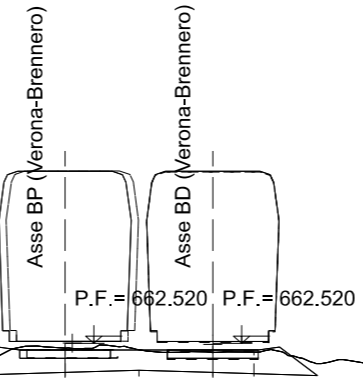
Prog. = 192+856.982
Q. Rif. = 646.000

Quote Terreno	663.739	663.550	663.537	663.491	663.468	663.458	663.449	663.414	663.375	663.356	663.310	663.281	663.274	663.264	663.197	663.167	663.175	663.177	663.253	663.246	663.324	663.322	663.330	663.259	663.349	663.232	663.046	662.139	661.961	661.961	661.920	661.845	661.890	661.176	661.734	661.848	664.875
Quote Progetto		663.550	663.411	663.411	663.468	662.911	663.449	663.414	663.411	663.375	663.310	663.281	664.034	664.046	664.065	664.084	663.167	664.103	664.122	664.134	664.126	663.324	663.855	663.330	663.356	663.856	663.857	663.566	661.300	661.358	661.300	661.300					
Dist. Progr. Progetto		-21.611	-21.404	-20.754	-20.254	-19.754	-19.254	-18.604	-18.064	-17.653	-16.653	-16.153	-15.402	-14.652	-14.652	-14.652	-13.902	-13.152	-12.652	-11.152	-10.094	-9.595	-9.095	-8.596	-7.946	-7.391	-0.000	1.921	3.842								
Dist. Parziali		0.207	0.206	0.500	0.500	0.500	0.500	0.540	0.541	0.870	0.500	1.501	0.000	1.500	0.668	1.260	1.148	0.459	0.500	0.499	0.500	0.555					9.312										



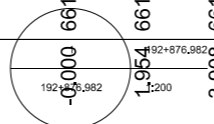
X_Asse

-2.5% 2.5% 2.5% 2.5%

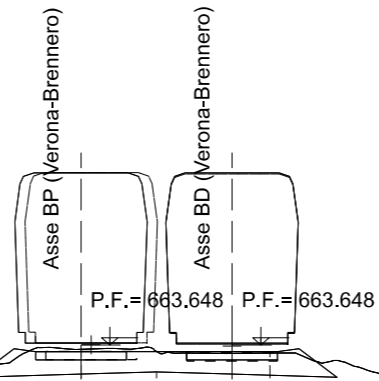


Prog. = 192+876.982
Q. Rif. = 646.000

Quote Terreno	664.194	664.012	663.812	663.754	663.707	663.734	663.730	663.679	663.590	663.596	663.826	664.260	664.389	664.397	664.408	664.338	664.269	664.064	664.043	662.753	662.394	662.394	662.347	662.284	662.283	661.493	661.926	662.021	662.080	
Quote Progetto			663.184	664.196	664.208	664.227	664.246	663.566	664.265	664.284	664.296	664.288	664.093	664.397	664.408	663.593	664.338	664.093	664.093	664.171	662.749	661.749	661.808	661.749	661.749					
Dist. Progr. Progetto			-16.849	-16.349	-15.849	-15.098	-14.348	-14.348	-13.598	-12.848	-12.348	-10.848	-9.905	-9.405	-8.905	-8.405	-7.755	-7.539	-0.000	1.951	3.908									
Dist. Parziali			0.900	1.501	0.000	1.500	0.500	1.260	1.033	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	9.593										

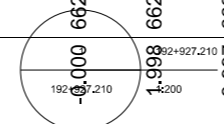


X_Asse

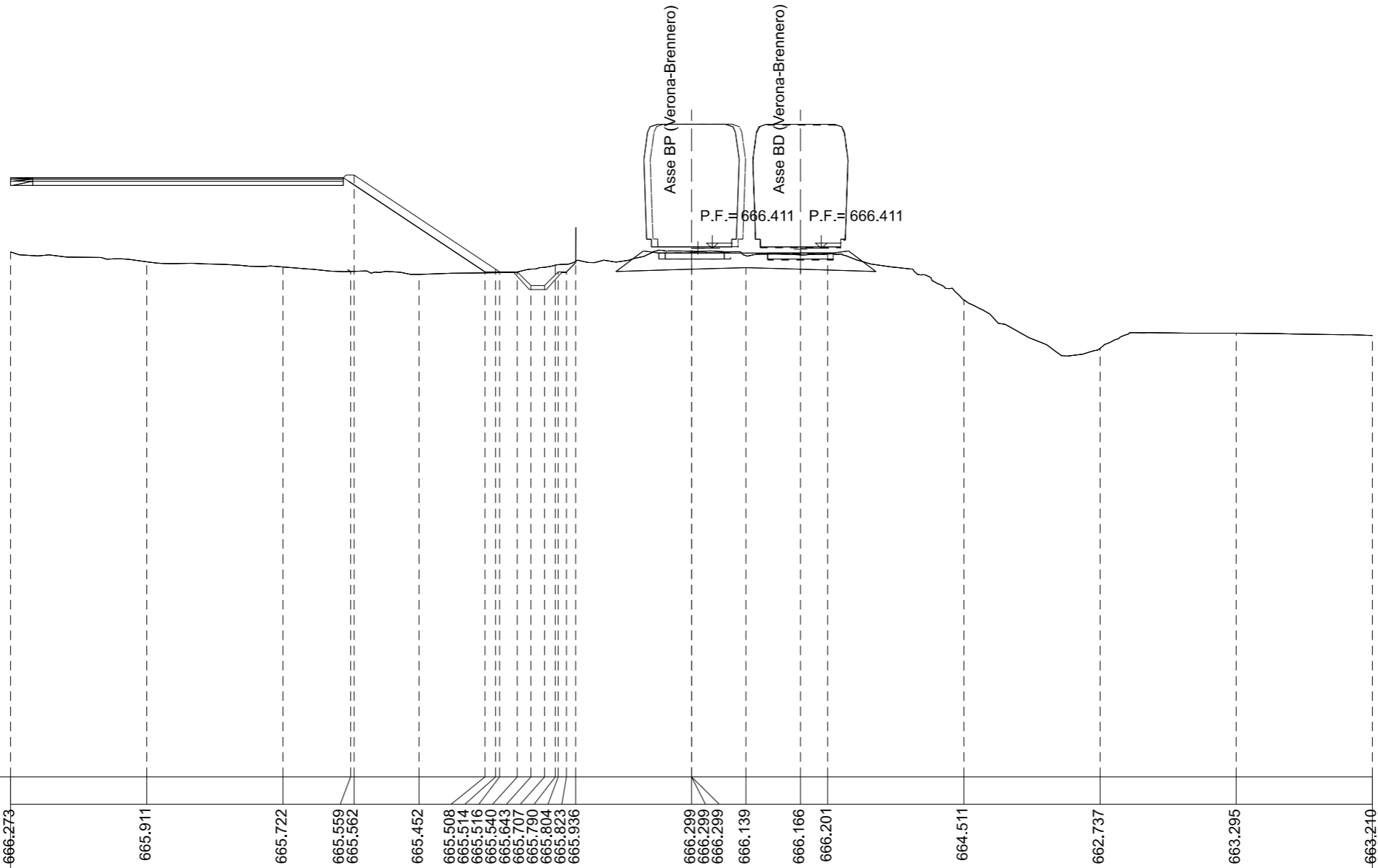


Prog. = 192+927.210
Q. Rif. = 646.000

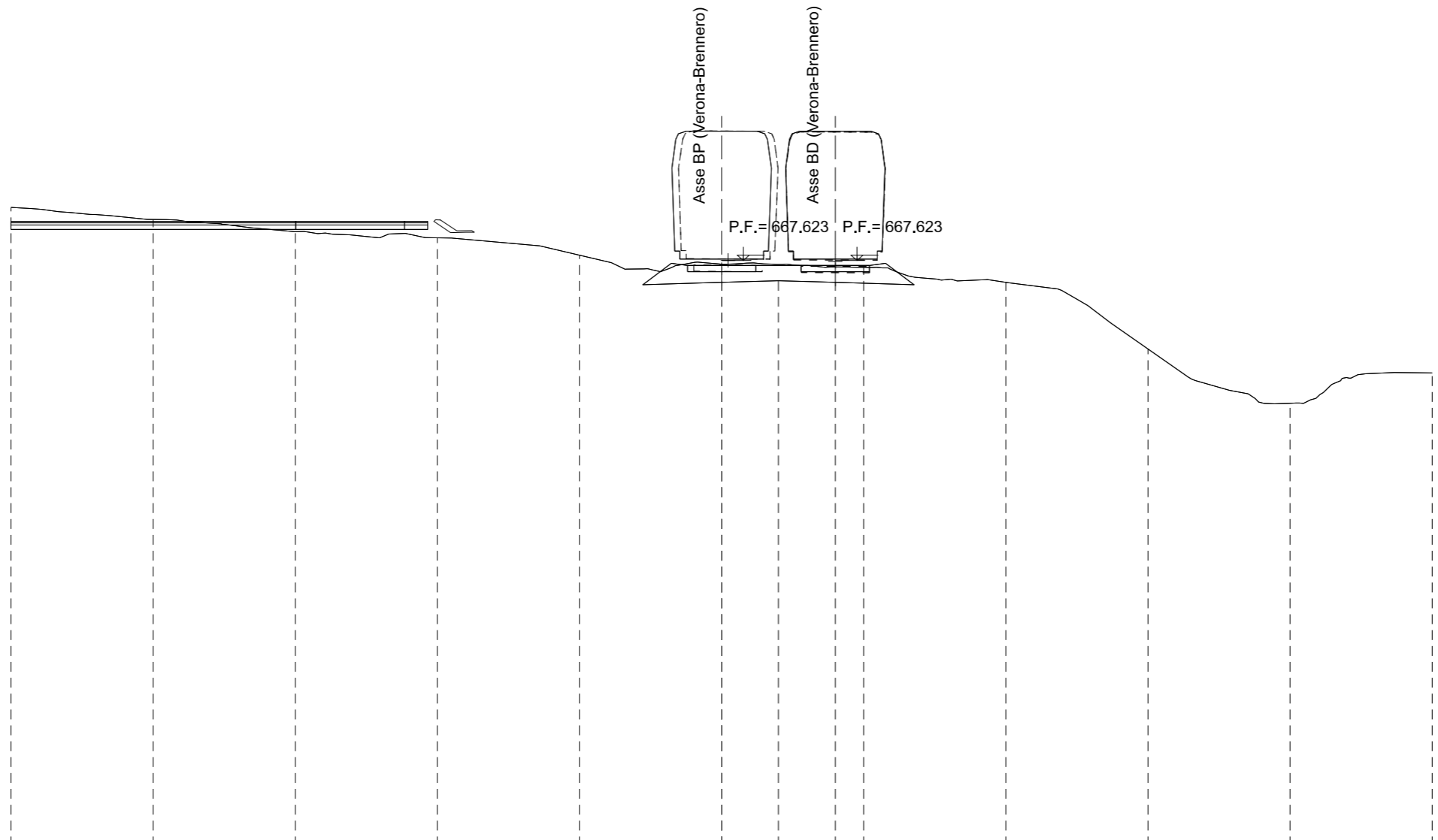
Quote Terreno	663.715	663.383	663.404	663.416	663.358	663.311	662.861	663.278	663.316	663.349	663.370	663.227	663.255	663.237	663.237	663.117	663.122	663.178	663.178	663.120	663.019	663.252	663.370	663.631	663.950	664.235	664.527	664.494	664.498	664.413	664.143	663.844	663.533	663.533	663.478	663.424	663.435	661.817	662.388	662.362	662.462		
Quote Progetto		663.415	663.361	663.361	663.361	662.861	663.316	663.361	663.361	663.361	664.615	664.615	664.603	664.615	664.634	664.653	663.963	664.672	664.691	664.703	664.695	663.900	663.900	663.900	663.900	664.235	663.900	664.400	663.900	664.413	664.249	662.877	662.937	662.877									
Dist. Progr. Progetto		-21.425	-21.344	-20.694	-20.194	-19.694	-19.195	-18.545	-18.004	-16.665	-15.665	-14.415	-13.665	-13.665	-12.914	-12.164	-11.664	-10.164	-9.513	-8.972	-8.322	-7.822	-7.322	-6.821	-6.171	-5.649	-6.000	1.998	3.997														
Dist. Parziali		0.081	0.301	0.500	0.499	0.499	0.500	0.541	0.768	0.701	0.870	0.500	1.500	0.000	1.501	0.600	1.260	0.650	0.241	0.541	0.500	0.160	0.500	0.301	0.500	0.522	7.647																



Prog. = 193+050.000
 Q. Rif. = 647.000

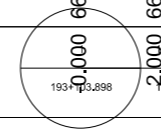


Quote Terreno	666.273	665.911	665.722	665.559 665.562	665.452	665.508 665.514 665.516 665.540 665.643 665.707 665.790 665.804 665.823 665.936	666.299 666.299 666.299	666.139	666.166	666.201	664.511	662.737	663.295	663.210
Quote Progetto				665.559 669.100		665.539 665.539 665.540 665.640 665.707 665.804 665.823 665.882	665.640 665.640 665.640							
Dist. Progr. Progetto				-12.514 -12.390		-7.584 -7.193 -7.043 -6.393 -5.894 -5.394 -4.894 -4.594 -4.253	0.000 0.000 0.000	2.000	4.000					
Dist. Parziali			0.267		4.930	0.541 0.500 0.499 0.500 0.500 0.391	6.253							



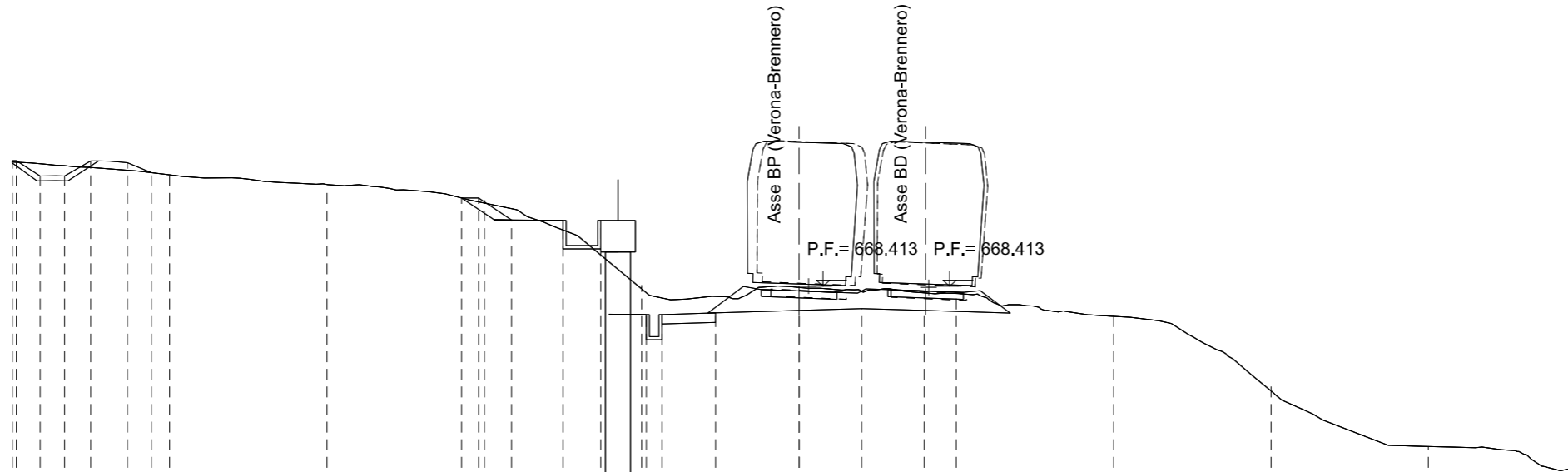
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 Q. Rif. = 647.000

Quote Terreno	669.490	669.067	668.641	668.418	667.811	667.496	667.496	667.481	667.394	667.383	666.854	664.511	662.593	663.666
Quote Progetto						666.853	666.913	666.853	666.853					
Dist. Progr. Progetto						0,000	2,000	4,000						
Dist. Parziali					12.343									



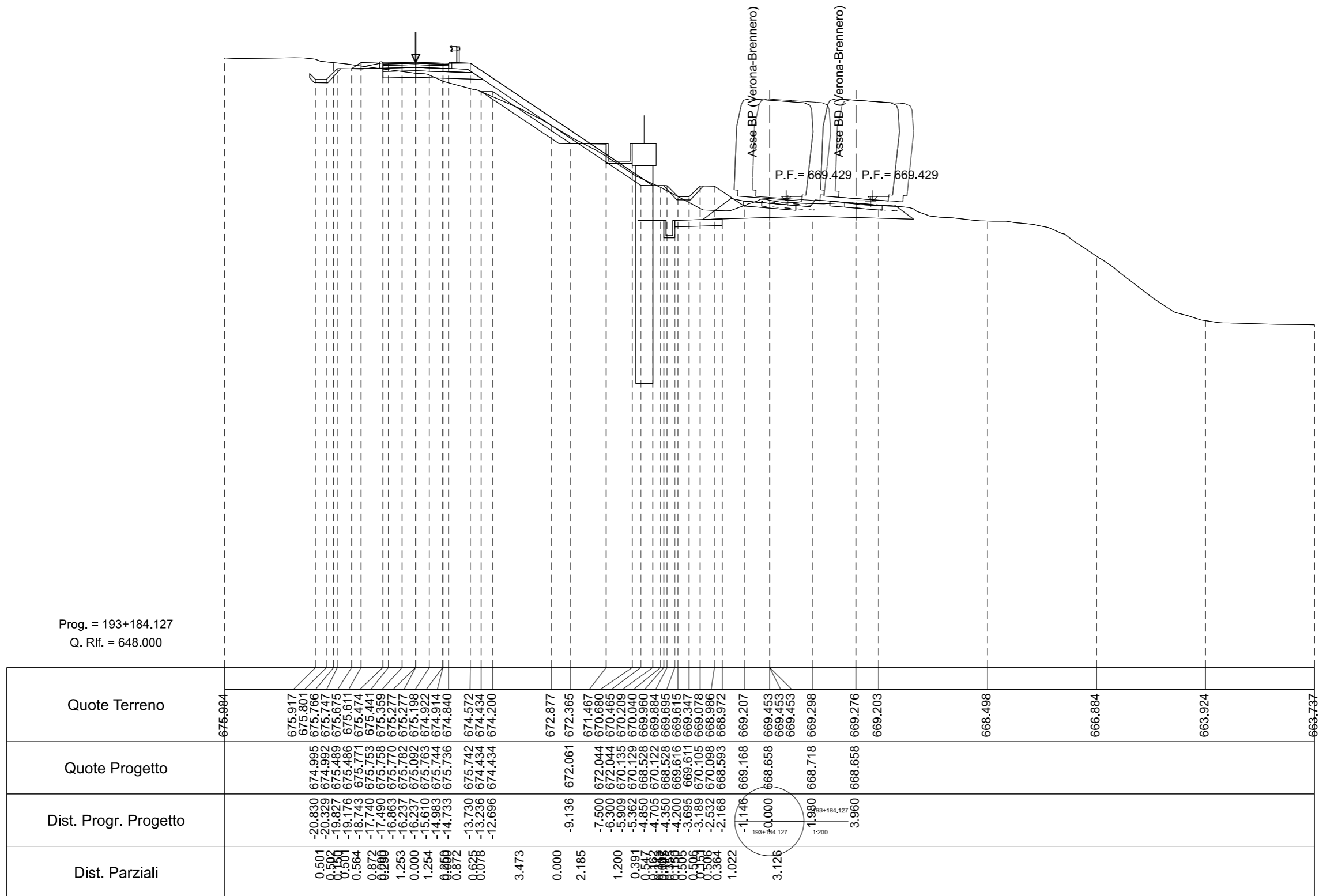
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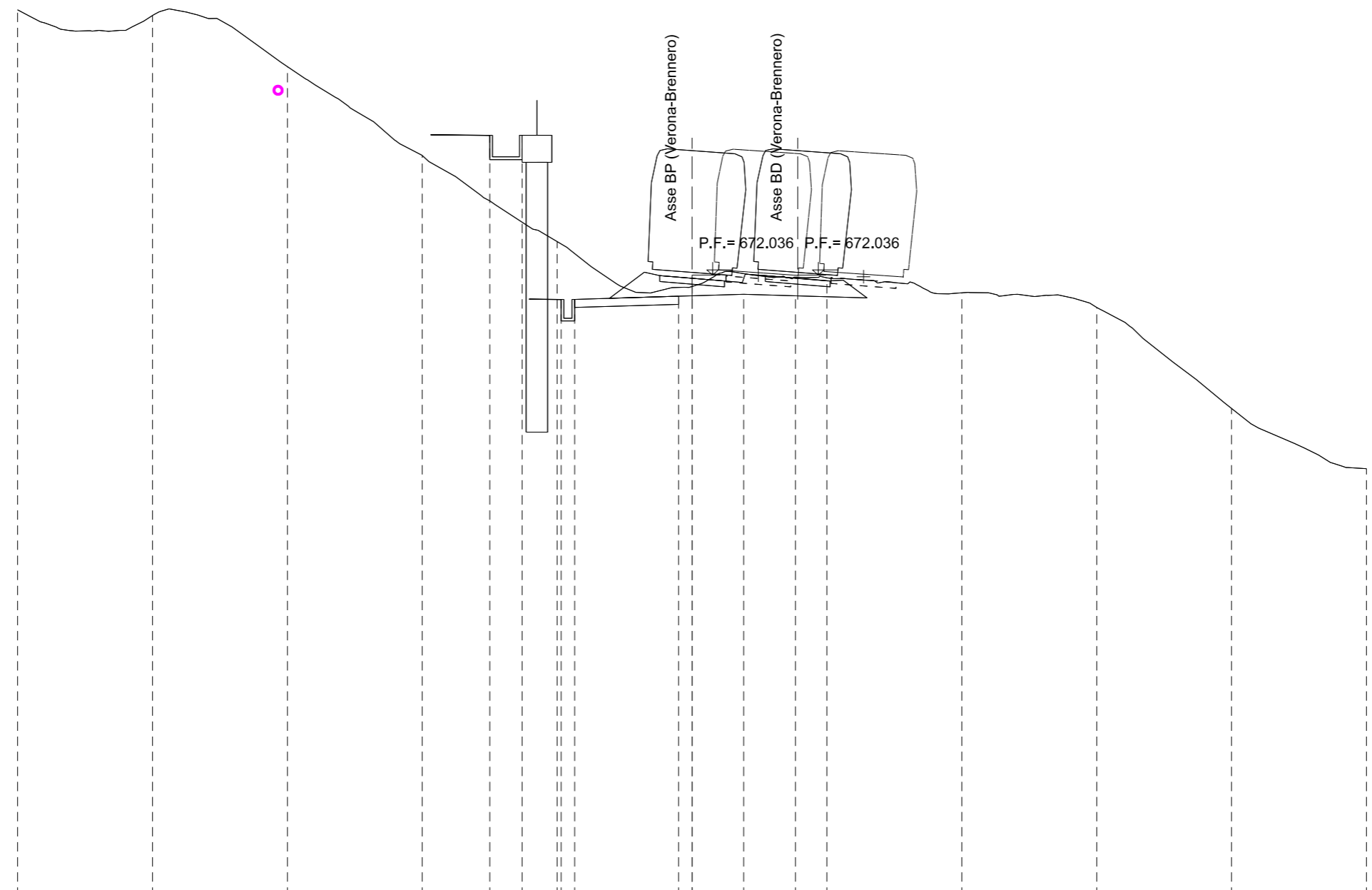
Quote Terreno	672.354 672.348	672.400 672.300	671.910 672.244	672.181 672.094	672.017 671.947	671.645	671.215 671.090 671.053	670.875	670.200	669.408	668.329 668.206 668.036	668.087	668.376 668.376 668.376 668.248	667.703	668.202 668.202 668.182	667.455	665.085	663.321
Quote Progetto	672.400 671.910	671.910 671.911	672.396 672.181	672.338 672.016	671.947	671.645	671.215 671.215 670.518	670.502	670.502	669.408	668.512 667.512	667.563	667.643 667.643 667.643 667.703	667.643 667.643	668.202 668.202 668.182	667.455	665.085	663.321
Dist. Progr. Progetto	-24.871 -24.115	-23.337 -22.506	-21.339 -20.577	-10.722 -10.181	-9.136	-7.500	-6.300	-4.850 -4.350	-2.651	0.000 0.000	1.996	3.992 3.992	193+139.000 193+139.000	1.200				
Dist. Parziali	0.756 0.778	0.831 0.249	0.918 0.762	1.037 0.000	2.185	1.200	1.100 0.350	0.500	1.699	4.647								



X_Asse

Prog. = 193+184.127
Q. Rif. = 648.000

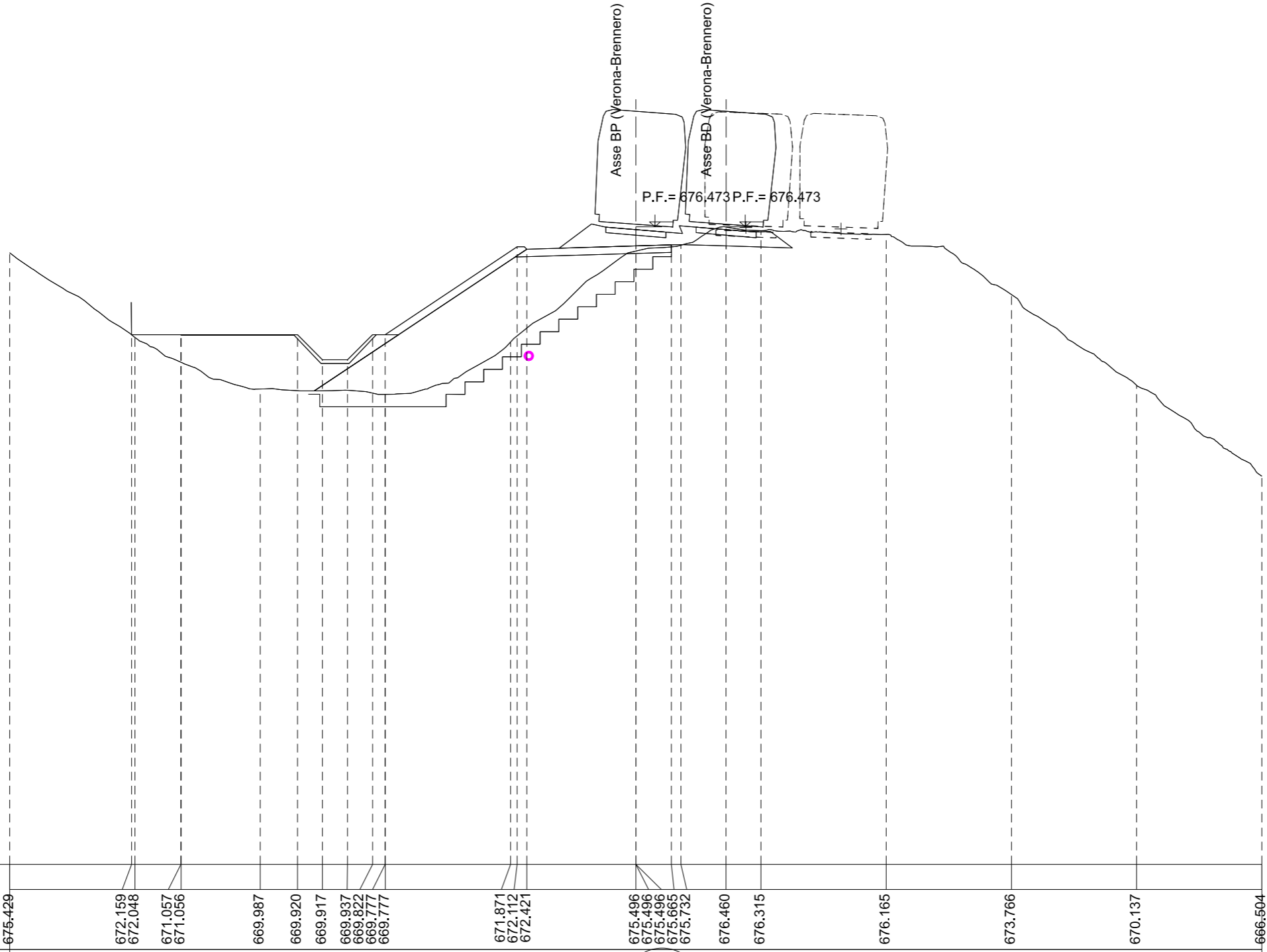




Prog. = 193+300.000
Q. Rif. = 649.000

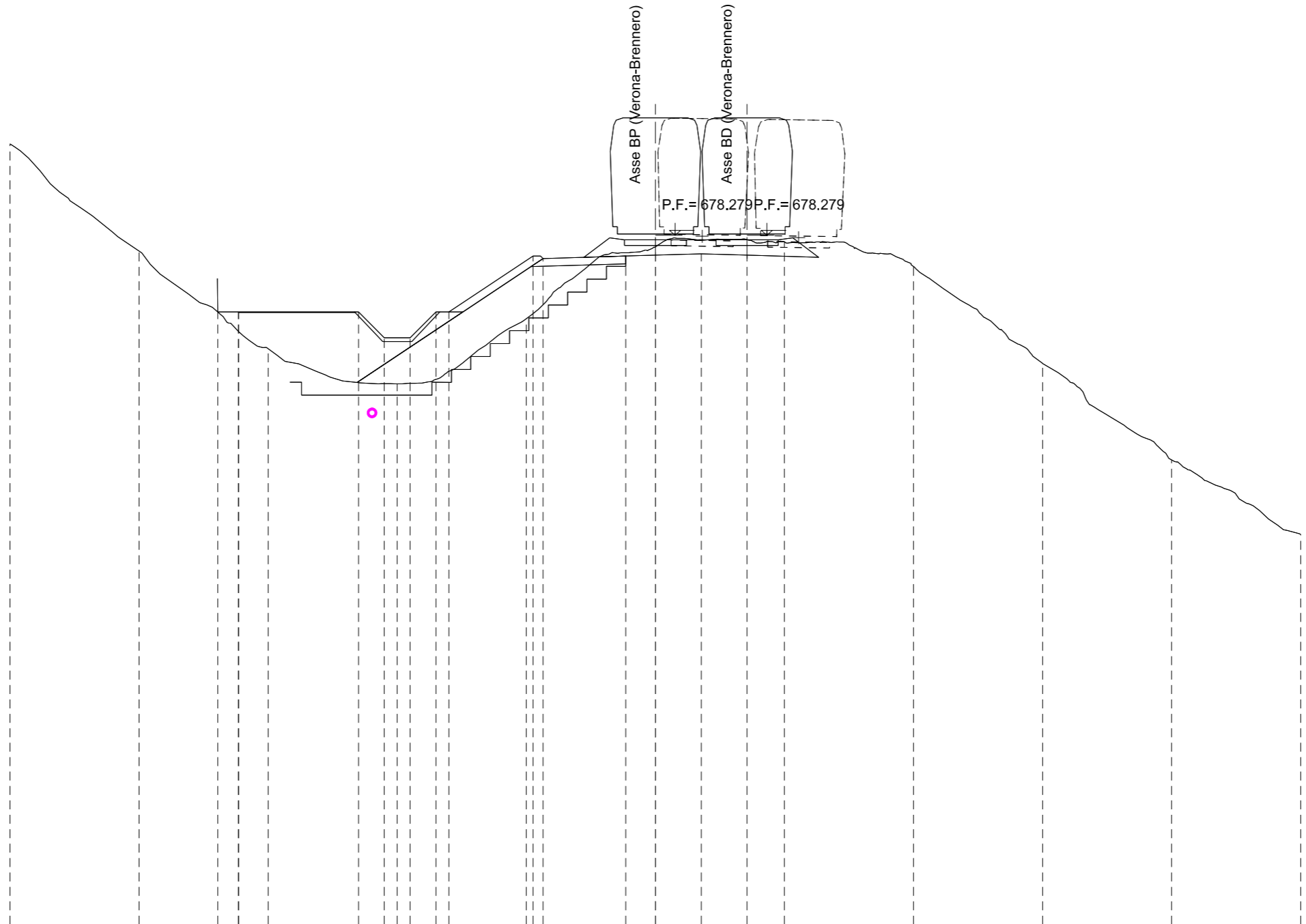
Quote Terreno	681.861	681.653	679.758	676.465	674.786	673.994	673.274	673.185	672.833	671.579	671.613	671.613	671.613	672.087	671.957	671.931	671.378	670.836	667.096	664.861
Quote Progetto					677.214	677.214	671.135	671.135	671.135	671.250	671.265	671.265	671.265	671.323	671.265					
Dist. Progr. Progetto					-7.500	-6.300	-4.850	-4.350		-0.497	-0.000	-0.000		1.918	3.836					
Dist. Parziali				0.000	2.185	1.200	1.100	0.350	0.500	3.853		2.415								

Prog. = 193+497.211
 Q. Rif. = 651.000



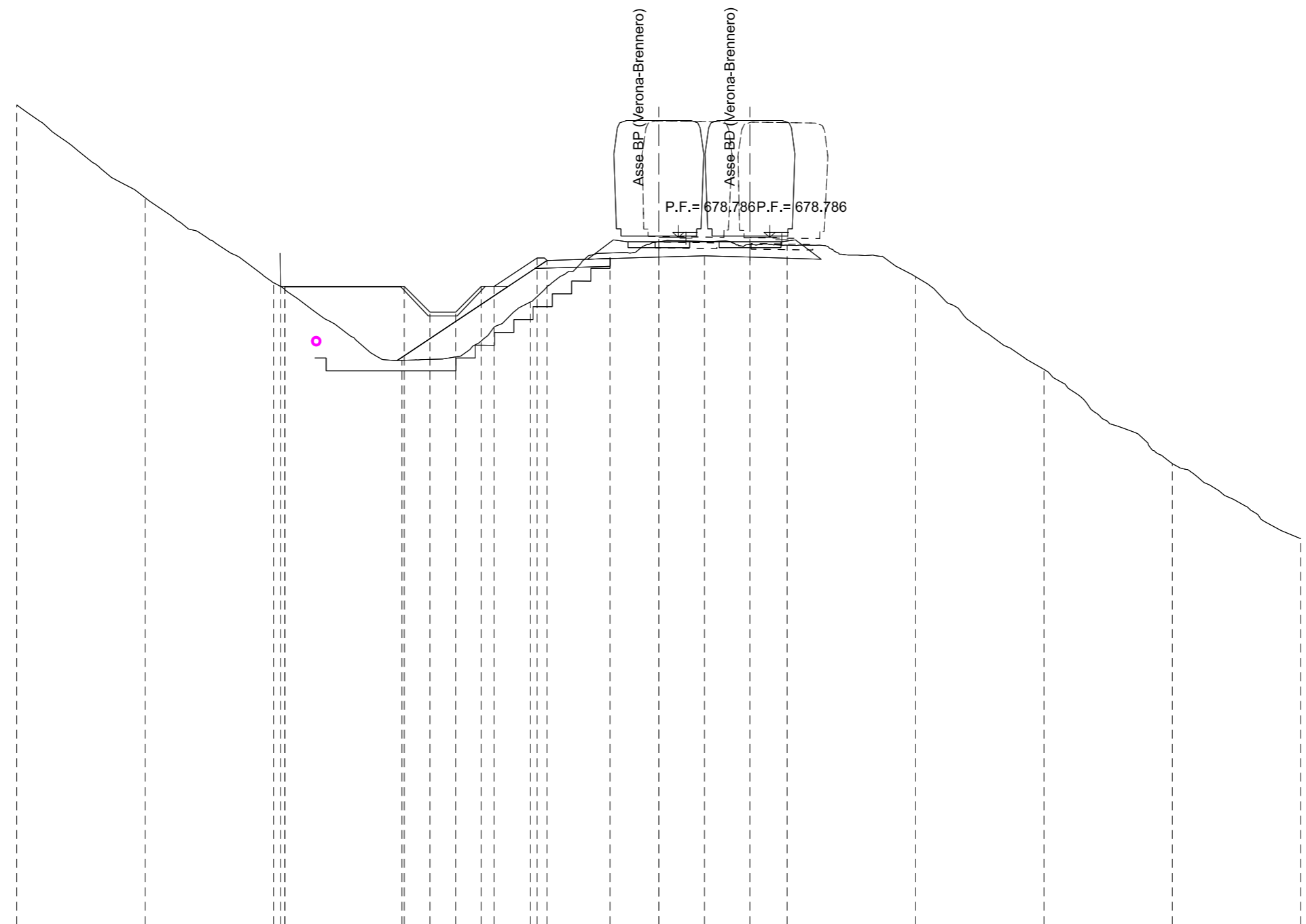
	675.429	672.159 672.048	671.057 671.056	669.987	669.920	669.917	669.937	669.822	669.777	671.871 672.112 672.421	675.496 675.496 675.496 675.665 675.732	676.460	676.315	676.165	673.766	670.137	666.504
Quote Terreno																	
Quote Progetto		672.159	672.159		672.159	671.159	671.159	671.159	672.159	675.672 675.572	675.708 675.745 675.757	675.703					
Dist. Progr. Progetto		-20.137	-18.162 -18.161		-13.511	-12.511	-11.511	-10.511	-10.011	-4.741 -4.350	-0.000	1.418 1.802	3.604				
Dist. Parziali			0.001	4.500	0.150 0.659	1.000	1.000	0.500		5.270	0.391	5.768	0.384				

Prog. = 193+577.440
 Q. Rif. = 651.000

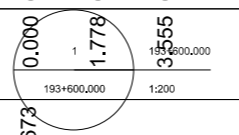


	681.822	677.667	675.305 674.555 674.554	673.880	672.565	672.528 672.522 672.543	672.694 673.008	675.047 675.239 675.583	677.599	677.818 677.818 677.818	678.080	678.110	678.026	677.070	673.314	669.576	666.686
Quote Terreno																	
Quote Progetto			675.305 675.305 675.305		675.305	674.305 674.305 674.305	675.305	677.478 677.378	677.474	677.508 677.508	677.561	677.508					
Dist. Progr. Progetto			-16.953 -16.151 -16.150		-11.500	-10.500 -9.500	-8.500 -8.000	-4.741 -4.350	-1.148	0.000 1	1.778	3.555 193+577.440					
Dist. Parziali			0.001	3.259	1.241 0.000 1.000	1.000	1.000 0.500	3.259	0.391	3.202	2.926	193+577.440 1:200					

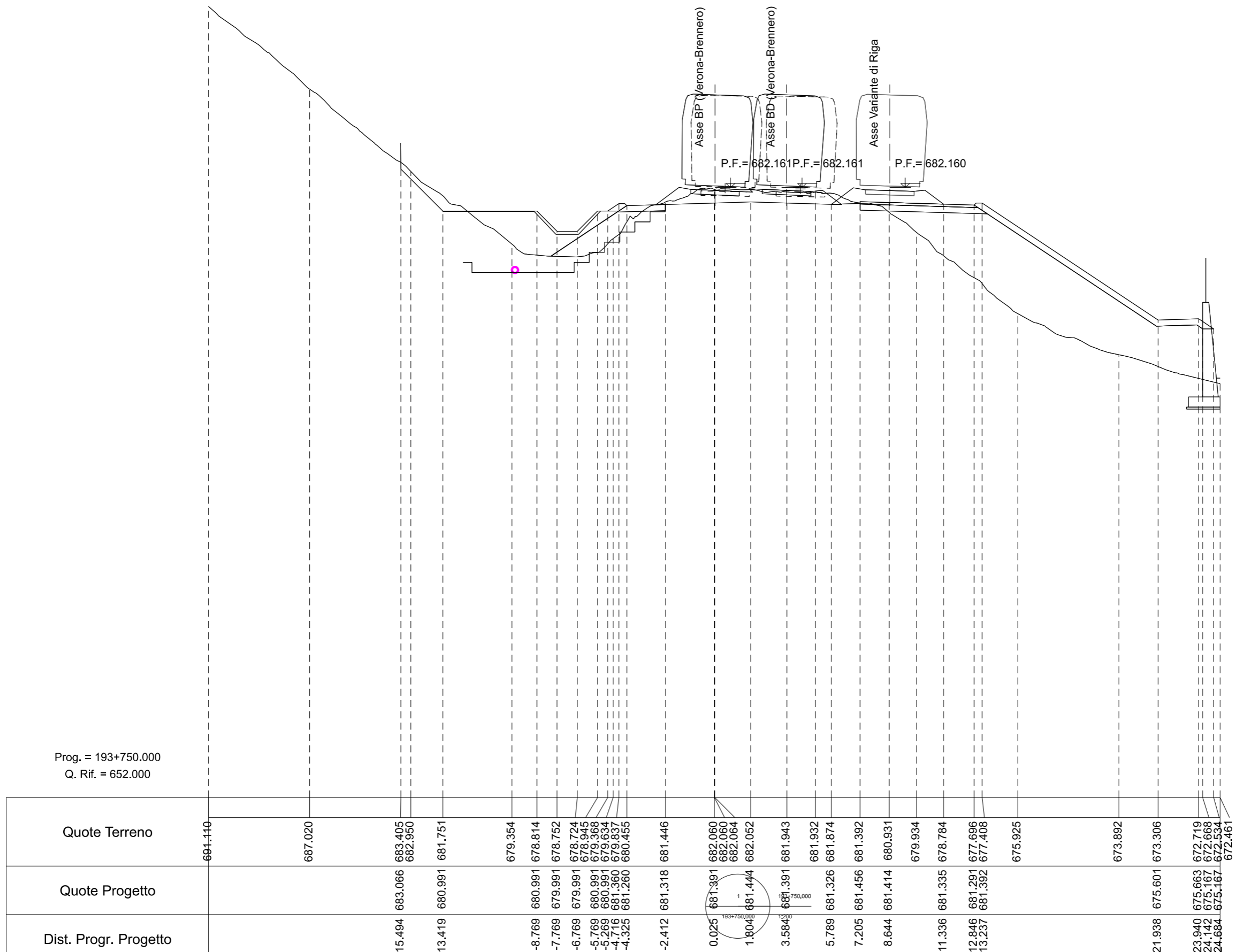
Prog. = 193+600.000
 Q. Rif. = 652.000



Quote Terreno	683.947	680.324	677.012 676.873 676.750 676.750	673.997 674.000	674.032	674.131	674.755 675.289	676.264 676.479 676.858	678.177	678.611 678.611 678.611	678.633	678.509	678.479	677.252	673.646	669.972	667.056
Quote Progetto			676.873 676.873 676.873	676.873	675.873	675.873	676.873 676.873	677.985 677.885	677.959	678.016	678.069	678.016					
Dist. Progr. Progetto			-14.732 -14.560 -14.559	-9.909	-8.909	-7.909	-6.909 -6.409	-4.741 -4.350	-1.895	0.000	1.778	3.555					
Dist. Parziali			0.001 1.668	2.703	0.168	1.000	1.000	0.500	1.668	0.391	2.455	3.673					

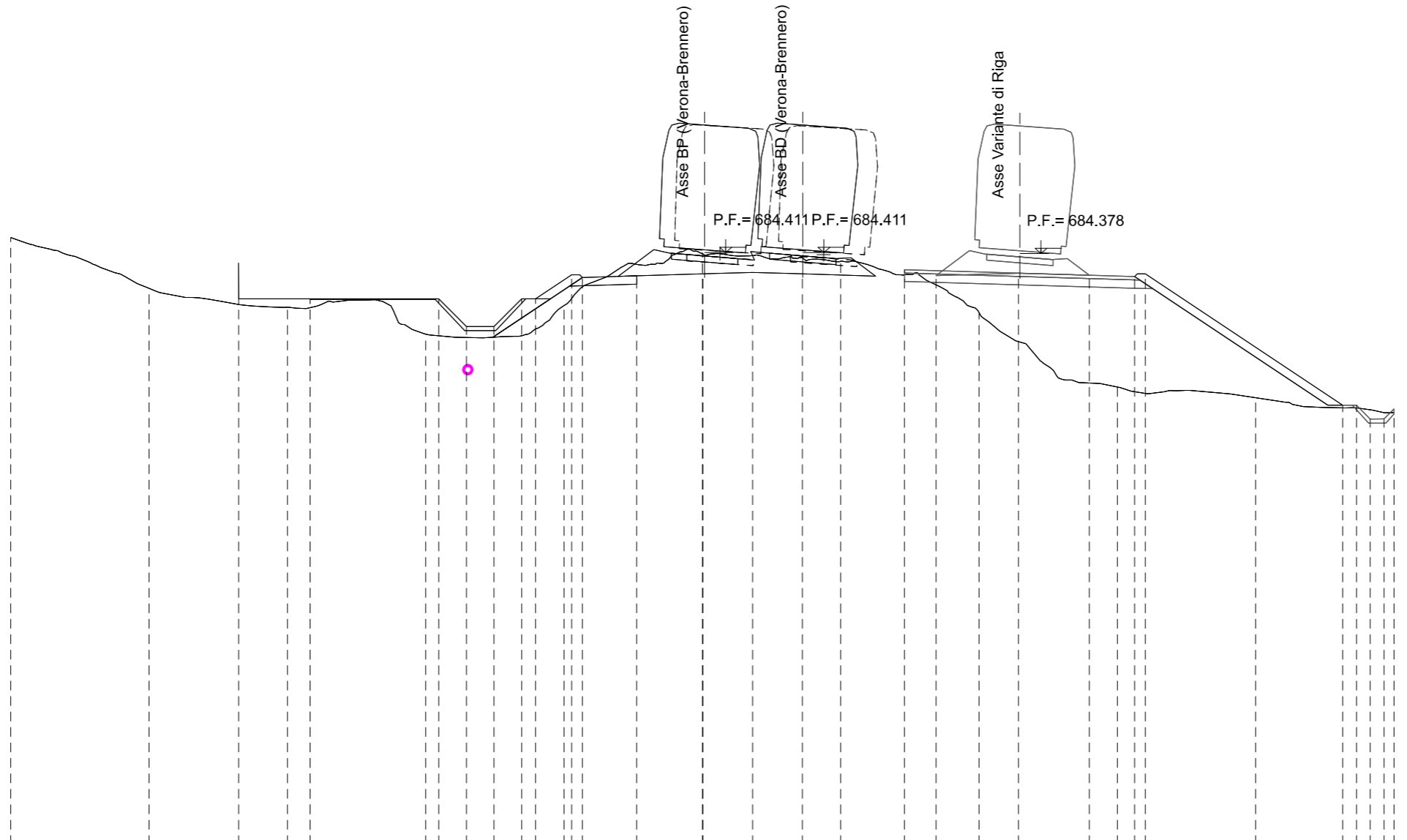


Prog. = 193+750.000
 Q. Rif. = 652.000

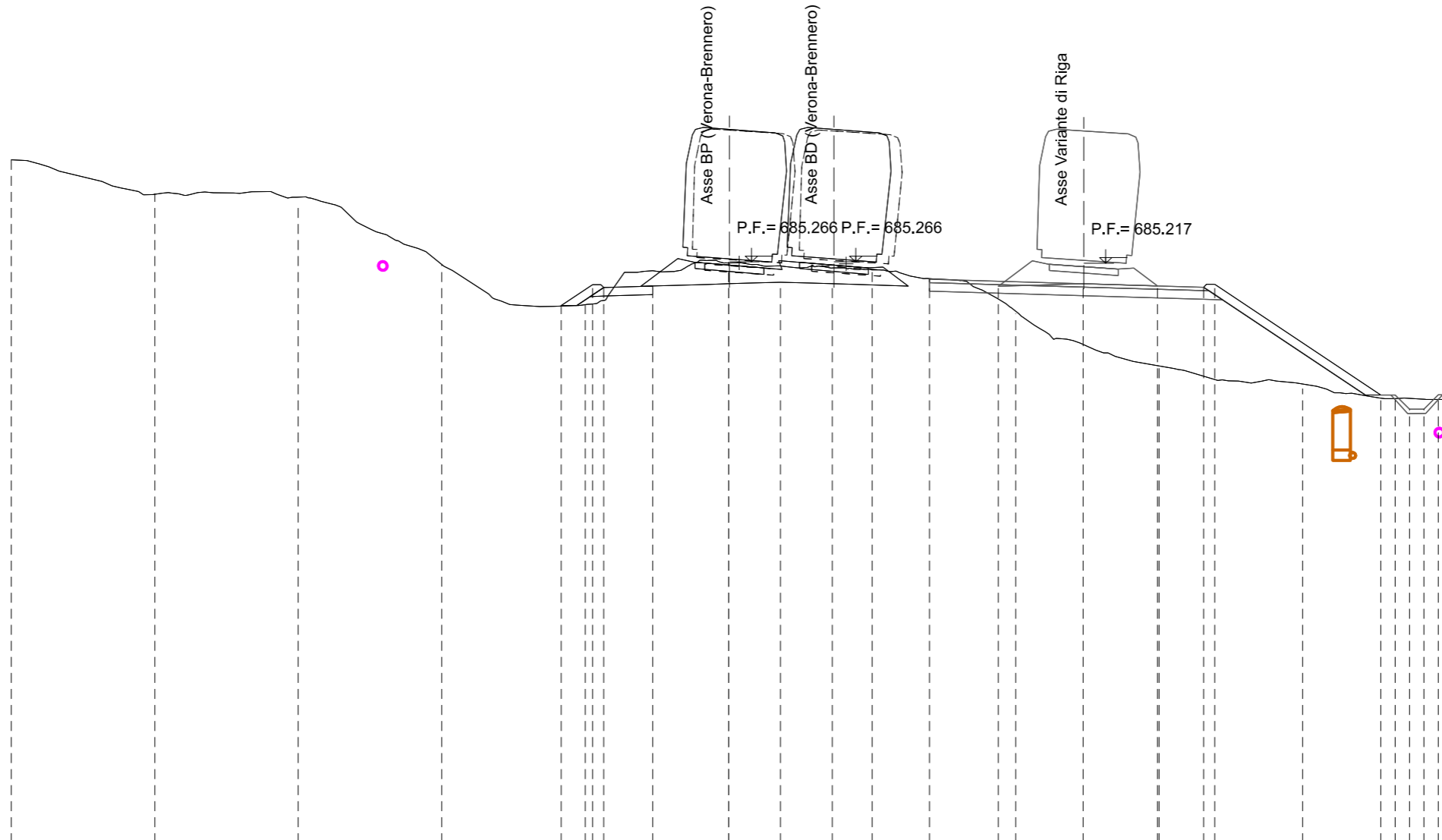


Prog. = 193+850.000
 Q. Rif. = 663.000

	684.954	683.118	682.534	682.435 682.421 682.421	681.465 681.403	681.341	681.354	681.406 681.646	682.499 682.750 683.174	683.981	683.641 684.369 684.361	684.300	684.223	684.098	683.607	683.245	682.243	681.195	679.696	679.551 679.382 679.320	679.167	678.797 678.796 678.726 678.626 678.623	
Quote Terreno																							
Quote Progetto			682.740	682.740 682.740	682.740	681.740	681.740	682.740 682.740	683.610 683.510	683.569	683.641 193+850.000	683.695 1:200	683.641		683.789	683.577		683.668	683.592	683.544 683.644			
Dist. Progr. Progetto			-16.762	-14.181 -14.180	-9.530	-8.530	-7.530	-6.530 -6.030	-4.724 -4.333	-2.372	0.017	1.816	3.615		7.302	8.445		11.423	13.989	15.624 16.014			
Dist. Parziali				0.001 1.306	3.194	0.150 1.000	0.979 0.021 1.000	0.500	1.306 0.391	1.961	4.188		5.486					8.322		0.390		6.595	0.539 0.498 0.498 0.498

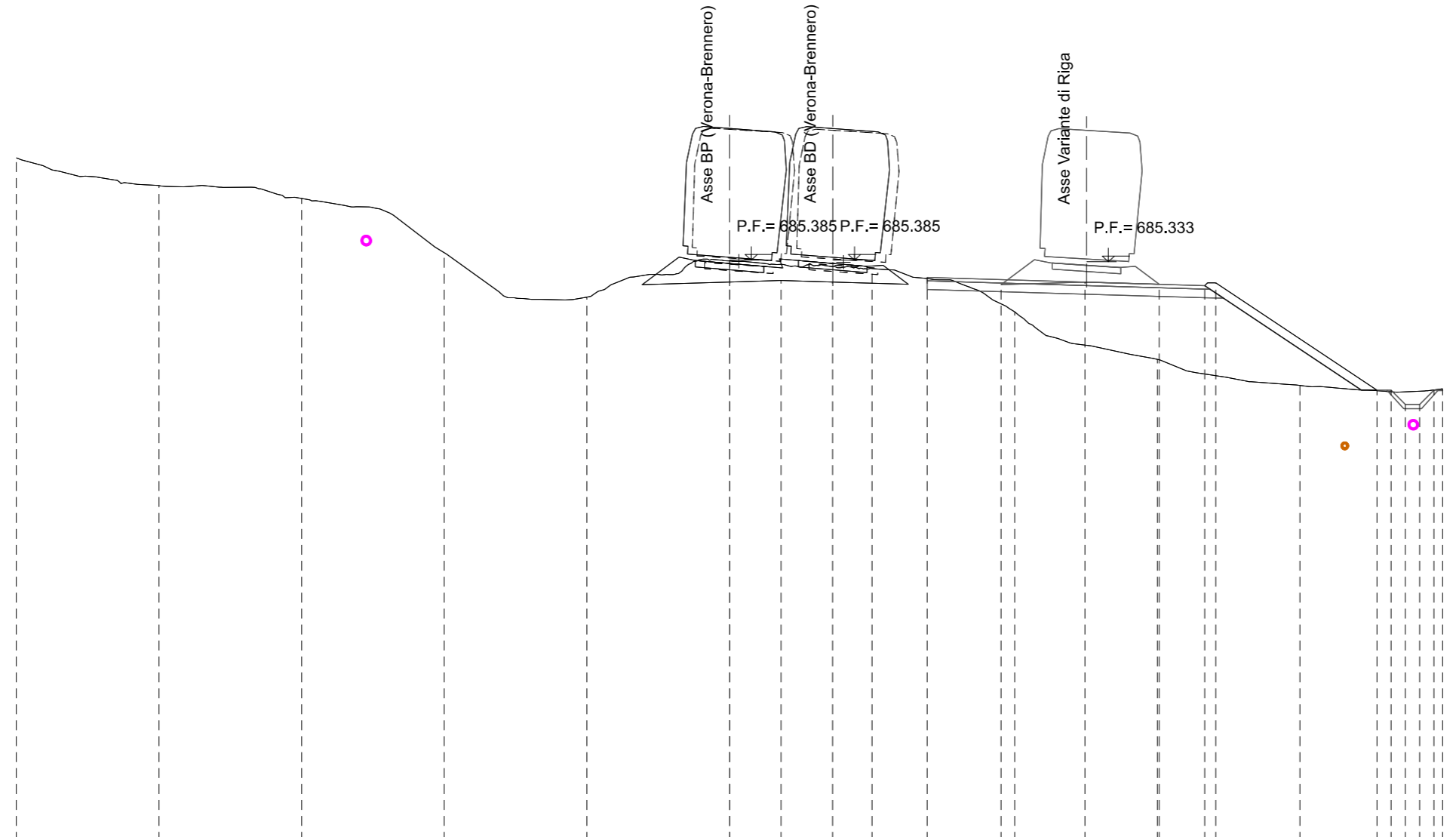


Prog. = 193+888.000
 Q. Rif. = 665.000



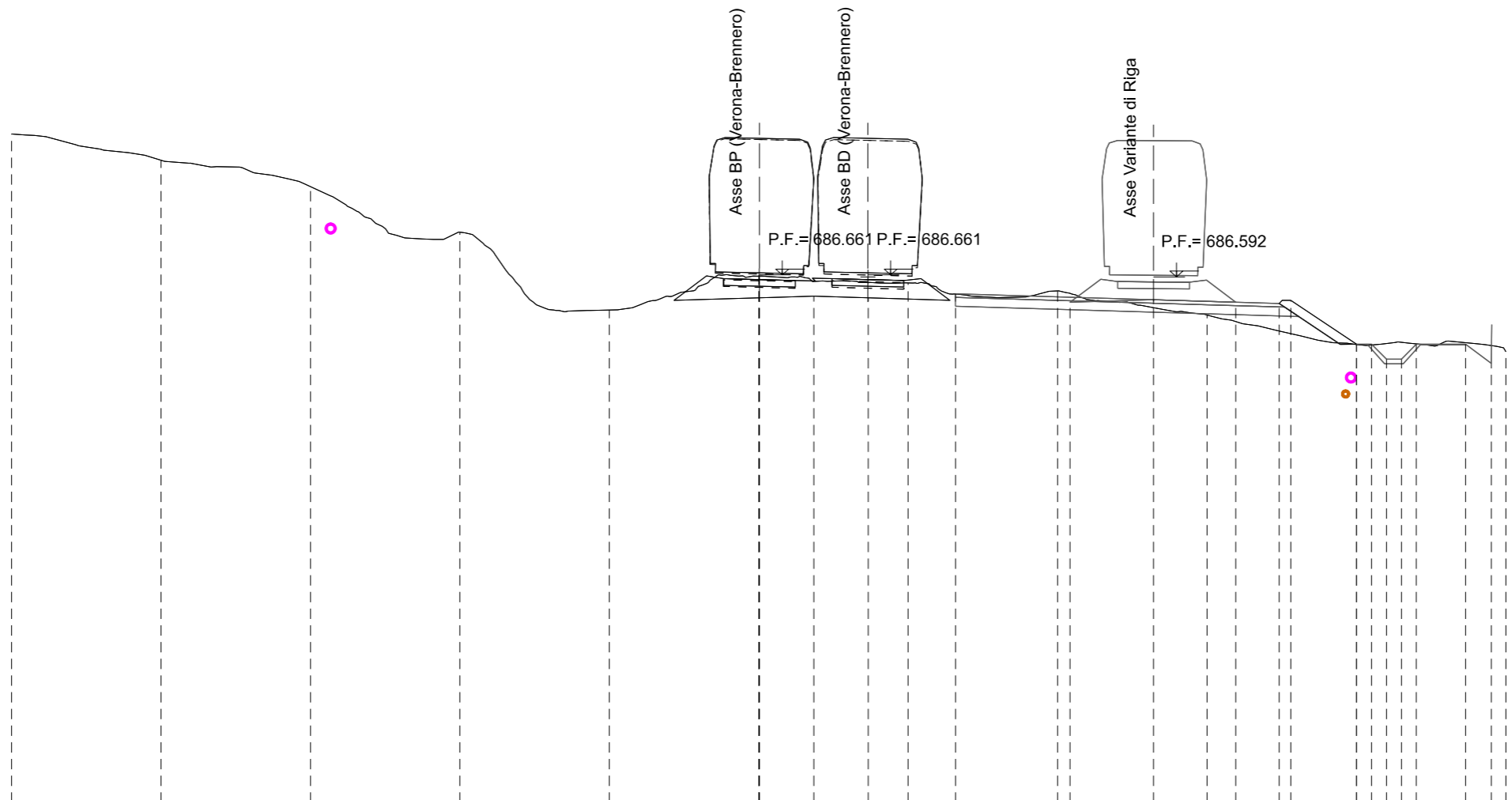
	688.815	687.615	687.515	685.173	683.718	683.769	683.790	683.913	684.948	685.220	685.220	685.220	685.117	685.048	684.978	684.674	683.965	683.539	682.382	681.643	681.633	681.274	681.157	681.002	680.511	680.490	680.501	680.473	680.466	
Quote Terreno	688.815	687.615	687.515	685.173	683.718	683.769	683.790	683.913	684.948	685.220	685.220	685.220	685.117	685.048	684.978	684.674	683.965	683.539	682.382	681.643	681.633	681.274	681.157	681.002	680.511	680.490	680.501	680.473	680.466	
Quote Progetto					683.738	684.496	684.496	684.496	684.416	684.496	684.496	684.496	684.496	684.496	684.496	684.657	684.409	684.409	684.499	684.423	684.423	684.375	684.475	681.002	680.622	680.622	680.622	680.123	680.123	680.624
Dist. Progr. Progetto					-5.831	-0.000	-0.000	-0.000	-2.647	1.807	3.615	7.002	9.402	12.354	14.947	16.555	16.946	22.733	23.233	23.732	24.232	24.732			22.733	23.233	23.732	24.232	24.732	
Dist. Parziali					0.540	0.550	0.391	1.703	4.454	5.195	9.553	0.391	5.246	0.541	0.500	0.499	0.500	8.199							0.541	0.500	0.499	0.500	8.199	

Prog. = 193+893.279
 Q. Rif. = 665.000



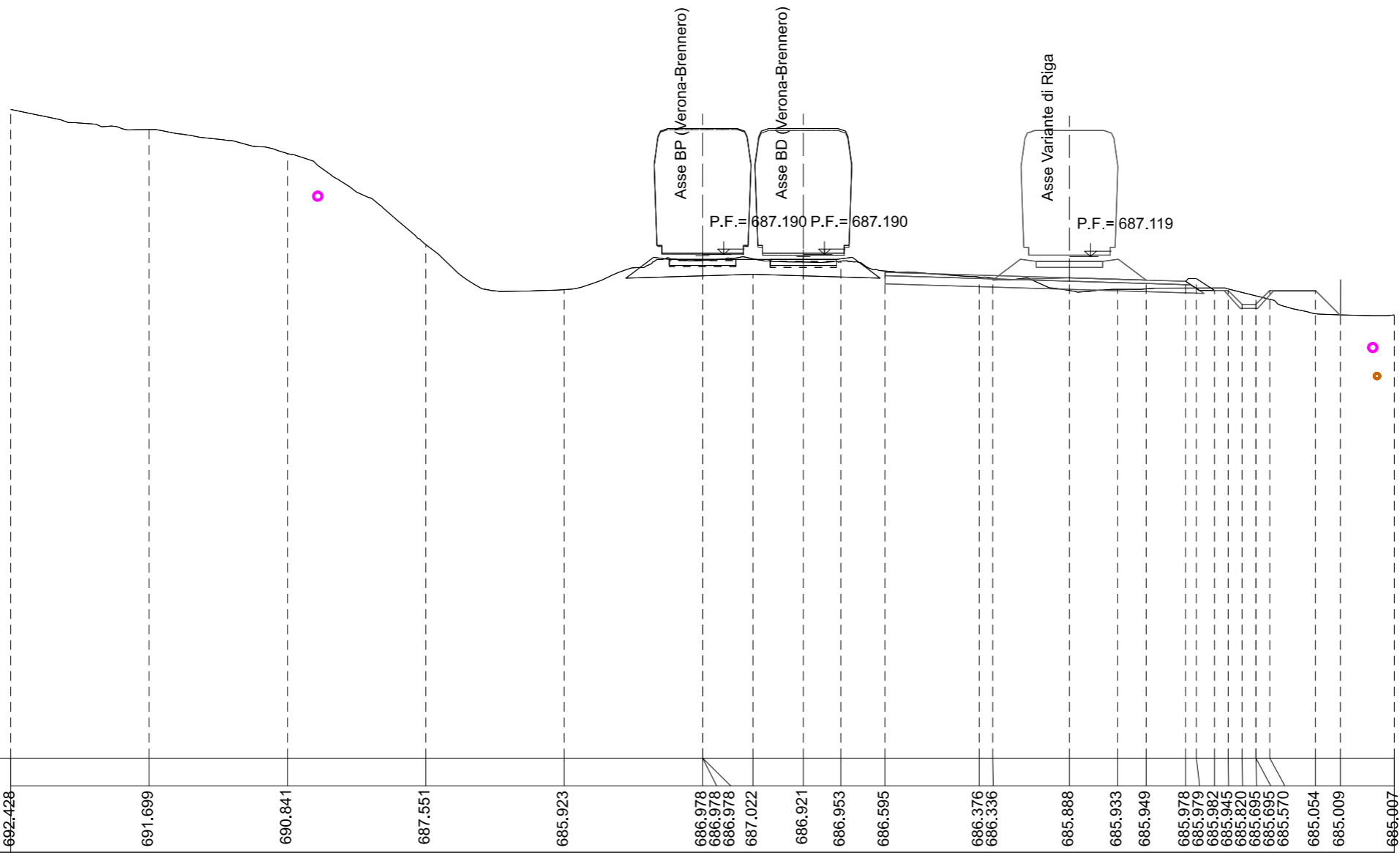
	686.967	687.994	687.544	685.644	684.087	685.357	685.357	685.357	685.238	685.166	685.089	684.737	683.852	683.570	682.408	681.904	681.888	681.395	681.335	680.995	680.812	680.769	680.768	680.790	680.837	680.878
Quote Terreno	686.967	687.994	687.544	685.644	684.087	685.357	685.357	685.357	685.238	685.166	685.089	684.737	683.852	683.570	682.408	681.904	681.888	681.395	681.335	680.995	680.812	680.769	680.768	680.790	680.837	680.878
Quote Progetto						684.615	684.615	684.669	684.615	684.615	684.775	684.775	684.522	683.570	684.612	684.535	684.535	684.488	684.588	680.995	680.827	680.827	680.769	680.328	680.790	680.829
Dist. Progr. Progetto						0.000	0.000	1.808	3.617	6.934	9.523	12.461	15.067	16.662	17.052	22.699	23.199	23.698	24.198	24.698	22.699	23.199	23.698	24.198	24.698	
Dist. Parziali								5.126			9.728				0.390	5.106				0.541	0.500	0.499	0.500	0.500	0.500	

Prog. = 193+950.000
 Q. Rif. = 669.000



Quote Terreno	691.371	690.493	689.615	688.086	685.483	686.615	686.615	686.616	686.436	686.404	686.390	686.021	686.120	686.043	685.561	685.316	685.097	684.781	684.692	684.327	684.326	684.316	684.361	684.402	684.349	684.393	684.295	684.987
Quote Progetto						685.891	685.891	685.945	685.891	685.891	686.027	686.027	685.745	685.745	685.829	685.747	685.747	685.703	685.803	684.336	684.336	683.836	683.836	684.336	684.336	684.337	684.337	683.695
Dist. Progr. Progetto						0.028	1.842	3.661	6.588	10.418	13.213	15.962	17.413	17.804	20.006	20.505	21.005	21.505	22.005	23.655	24.517							
Dist. Parziali							4.746			10.825			0.391	1.661	0.541	0.499	0.500	0.500	0.500	1.500	0.862							

Prog. = 193+973.508
 Q. Rif. = 669.000



Quote Terreno	692.428	691.699	690.841	687.551	685.923	686.978 686.978 686.978	687.022	686.921	686.953	686.595	686.376 686.336	685.888	685.933	685.949	685.978 686.223 685.979 685.982 685.982 685.945 685.890 685.820 685.390 685.695 685.570	685.054	685.009	685.907
Quote Progetto						686.420	686.475	686.420		686.549	686.266	686.349	686.266		686.223 686.323 685.890 685.890 685.890 685.390 685.390 685.890	685.890	684.986	
Dist. Progr. Progetto						-0.000	1.823	3.646		6.596	10.487	13.259	16.031		17.459 17.850 18.500 19.000 19.500 20.000 20.500	22.150	23.054	
Dist. Parziali								4.773			10.863				0.396 0.191 0.541 0.500 0.500 0.500 0.500	1.500	0.904	