

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m²	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-1	200 mm PV	56,772	0.100 m	0,714 m	Vertical	73,753	8,107	65,079	6,633	0.000 m	1.603 m	163.463 m	161.861 m	0.99894 m	0.14280 m	0.11683 m	0.03597 m	0.84615 m	3.191 m	0.000 m	0.357 m	163.462 m	0.357 m	161.861 m	0.357 m	163.451 m	0.357 m	161.861 m
										10.000 m	0.180 m	162.000 m	161.820 m	-0.01418 m	0.14280 m	0.11683 m	0.03597 m	-0.16698 m	0.360 m	10.000 m	0.357 m	162.000 m	0.357 m	162.000 m	0.357 m	162.000 m	0.357 m	161.820 m
										20.000 m	2.851 m	164.630 m	161.779 m	1.89926 m	0.14280 m	0.11683 m	0.03597 m	1.74646 m	5.771 m	10.000 m	0.357 m	164.792 m	0.357 m	161.779 m	0.357 m	164.537 m	0.357 m	161.779 m
										30.000 m	2.382 m	164.121 m	161.738 m	1.55921 m	0.14280 m	0.11683 m	0.03597 m	1.40642 m	4.794 m	10.000 m	0.357 m	163.999 m	0.357 m	161.738 m	0.357 m	164.272 m	0.357 m	161.738 m
										40.000 m	2.317 m	164.014 m	161.697 m	1.54069 m	0.14280 m	0.11683 m	0.03597 m	1.38790 m	4.811 m	10.000 m	0.357 m	164.208 m	0.357 m	161.697 m	0.357 m	163.998 m	0.357 m	161.697 m
										50.000 m	2.487 m	164.144 m	161.657 m	1.62544 m	0.14280 m	0.11683 m	0.03597 m	1.47264 m	4.933 m	10.000 m	0.357 m	164.082 m	0.357 m	161.657 m	0.357 m	164.164 m	0.357 m	161.657 m
										56.772 m	2.381 m	164.010 m	161.629 m	1.55884 m	0.14280 m	0.11683 m	0.03597 m	1.40604 m	4.775 m	6.772 m	0.357 m	164.026 m	0.357 m	161.629 m	0.357 m	164.007 m	0.357 m	161.629 m
PV-2	200 mm PV	59,785	0.100 m	0,714 m	Vertical	95,455	8,537	86,32	6,985	0.000 m	2.381 m	164.010 m	161.629 m	1.55829 m	0.14280 m	0.11683 m	0.03597 m	1.40549 m	4.772 m	0.000 m	0.357 m	164.023 m	0.357 m	161.629 m	0.357 m	164.008 m	0.357 m	161.629 m
										10.000 m	2.397 m	163.915 m	161.519 m	1.56834 m	0.14280 m	0.11683 m	0.03597 m	1.41555 m	4.793 m	10.000 m	0.357 m	163.955 m	0.357 m	161.519 m	0.357 m	163.875 m	0.357 m	161.519 m
										20.000 m	2.576 m	163.984 m	161.408 m	1.69700 m	0.14280 m	0.11683 m	0.03597 m	1.54421 m	5.157 m	10.000 m	0.357 m	163.985 m	0.357 m	161.408 m	0.357 m	163.987 m	0.357 m	161.408 m
										30.000 m	2.697 m	163.994 m	161.297 m	1.78214 m	0.14280 m	0.11683 m	0.03597 m	1.62934 m	5.380 m	10.000 m	0.357 m	163.997 m	0.357 m	161.297 m	0.357 m	163.976 m	0.357 m	161.297 m
										40.000 m	2.340 m	163.526 m	161.186 m	1.52788 m	0.14280 m	0.11683 m	0.03597 m	1.37509 m	4.680 m	10.000 m	0.357 m	163.530 m	0.357 m	161.186 m	0.357 m	163.522 m	0.357 m	161.186 m
										50.000 m	2.360 m	163.435 m	161.075 m	1.54315 m	0.14280 m	0.11683 m	0.03597 m	1.39036 m	4.728 m	10.000 m	0.357 m	163.468 m	0.357 m	161.075 m	0.357 m	163.411 m	0.357 m	161.075 m
										59.785 m	2.102 m	163.069 m	160.967 m	1.35815 m	0.14280 m	0.11683 m	0.03597 m	1.20535 m	4.204 m	9.785 m	0.357 m	163.078 m	0.357 m	160.967 m	0.357 m	163.060 m	0.357 m	160.967 m
PV-3	200 mm PV	60	0.100 m	0,714 m	Vertical	83,022	8,568	73,854	7,01	0.000 m	2.102 m	163.069 m	160.967 m	1.35804 m	0.14280 m	0.11683 m	0.03597 m	1.20525 m	4.204 m	0.000 m	0.357 m	163.079 m	0.357 m	160.967 m	0.357 m	163.059 m	0.357 m	160.967 m
										10.000 m	2.336 m	163.178 m	160.842 m	1.51954 m	0.14280 m	0.11683 m	0.03597 m	1.36674 m	4.618 m	10.000 m	0.357 m	163.187 m	0.357 m	160.842 m	0.357 m	163.116 m	0.357 m	160.842 m
										20.000 m	2.162 m	162.880 m	160.717 m	1.40120 m	0.14280 m	0.11683 m	0.03597 m	1.24840 m	4.325 m	10.000 m	0.357 m	162.909 m	0.357 m	160.717 m	0.357 m	162.851 m	0.357 m	160.717 m
										30.000 m	2.399 m	162.992 m	160.592 m	1.57086 m	0.14280 m	0.11683 m	0.03597 m	1.41807 m	4.803 m	10.000 m	0.357 m	162.993 m	0.357 m	160.592 m	0.357 m	162.994 m	0.357 m	160.592 m
										40.000 m	2.029 m	162.497 m	160.467 m	1.30605 m	0.14280 m	0.11683 m	0.03597 m	1.15325 m	4.059 m	10.000 m	0.357 m	162.500 m	0.357 m	160.467 m	0.357 m	162.493 m	0.357 m	160.467 m
										50.000 m	1.976 m	162.318 m	160.343 m	1.26780 m	0.14280 m	0.11683 m	0.03597 m	1.11501 m	3.951 m	10.000 m	0.357 m	162.352 m	0.357 m	160.343 m	0.357 m	162.284 m	0.357 m	160.343 m
										60.000 m	1.762 m	161.980 m	160.218 m	1.11544 m	0.14280 m	0.11683 m	0.03597 m	0.96264 m	3.524 m	10.000 m	0.357 m	161.972 m	0.357 m	160.218 m	0.357 m	161.987 m	0.357 m	160.218 m
PV-4	200 mm PV	80	0.100 m	0,714 m	Vertical	86,546	11,424	74,322	9,346	0.000 m	1.825 m	161.980 m	160.154 m	1.16054 m	0.14280 m	0.11683 m	0.03597 m	1.00774 m	3.651 m	0.000 m	0.357 m	161.972 m	0.357 m	160.154 m	0.357 m	161.987 m	0.357 m	160.154 m
										10.000 m	1.726 m	161.243 m	159.517 m	1.08856 m	0.14280 m	0.11683 m	0.03597 m	0.93577 m	3.443 m	10.000 m	0.357 m	161.243 m	0.357 m	159.517 m	0.357 m	161.235 m	0.357 m	159.517 m
										20.000 m	1.401 m	160.281 m	158.880 m	0.86108 m	0.14280 m	0.11683 m	0.03597 m	0.70829 m	2.838 m	10.000 m	0.357 m	160.311 m	0.357 m	158.880 m	0.357 m	160.288 m	0.357 m	158.880 m
										30.000 m	1.382 m	159.624 m	158.243 m	0.84486 m	0.14280 m	0.11683 m	0.03597 m	0.69207 m	2.779 m	10.000 m	0.357 m	159.738 m	0.357 m	158.243 m	0.357 m	159.527 m	0.357 m	158.243 m
										40.000 m	1.842 m	159.448 m	157.606 m	1.17274 m	0.14280 m	0.11683 m	0.03597 m	1.01995 m	3.685 m	10.000 m	0.357 m	159.476 m	0.357 m	157.606 m	0.357 m	159.421 m	0.357 m	157.606 m
										50.000 m	1.970 m	158.939 m	156.968 m	1.26342 m	0.14280 m	0.11683 m	0.03597 m	1.11063 m	3.929 m	10.000 m	0.357 m	158.975 m	0.357 m	156.968 m	0.357 m	158.891 m	0.357 m	156.968 m
										60.000 m	1.588 m	157.919 m	156.331 m	0.98322 m	0.14280 m	0.11683 m	0.03597 m	0.83042 m	3.121 m	10.000 m	0.357 m	157.921 m	0.357 m	156.331 m	0.357 m	157.862 m	0.357 m	156.331 m
PV-5	200 mm PV	60	0.100 m	0,714 m	Vertical	42,508	8,568	33,34	7,01	0.000 m	1.960 m	157.016 m	155.057 m	1.25436 m	0.14280 m	0.11683 m	0.03597 m	1.10156 m	3.905 m	0.000 m	0.357 m	157.015 m	0.357 m	155.057 m	0.357 m	157.003 m	0.357 m	155.057 m
										10.000 m	1.475 m	156.164 m	154.689 m	0.91023 m	0.14280 m	0.11683 m	0.03597 m	0.75743 m	2.946 m	10.000 m	0.357 m	156.219 m	0.357 m	154.689 m	0.357 m	156.105 m	0.357 m	154.689 m
										20.000 m	0.971 m	155.292 m	154.321 m	0.55967 m	0.14280 m	0.11683 m	0.03597 m	0.40688 m	2.037 m	10.000 m	0.357 m	155.559 m	0.357 m	154.321 m	0.357 m	155.120 m	0.357 m	154.321 m
										30.000 m	0.624 m	154.577 m	153.953 m	0.30824 m	0.14280 m	0.11683 m	0.03597 m	0.15545 m	1.315 m	10.000 m	0.357 m	154.725 m	0.357 m	153.953 m	0.357 m	154.497 m	0.357 m	153.953 m
										40.000 m	0.914 m	154.500 m	153.586 m	0.51370 m	0.14280 m	0.11683 m	0.03597 m	0.36090 m	1.852 m	10.000 m	0.357 m	154.529 m	0.357 m	153.586 m	0.357 m	154.493 m	0.357 m	153.586 m
										50.000 m	1.329 m	154.547 m	153.218 m	0.80860 m	0.14280 m	0.11683 m	0.03597 m	0.65580 m	2.689 m	10.000 m	0.357 m	154.628 m	0.357 m	153.218 m	0.357 m	154.496 m	0.357 m	153.218 m
										60.000 m	1.666 m	154.516 m	152.850 m	1.04631 m	0.14280 m	0.11683 m	0.03597 m	0.89351 m	3.316 m	10.000 m	0.357 m	154.483 m	0.357 m	152.850 m	0.357 m	154.533 m	0.357 m	152.850 m
PV-6	200 mm PV	18,823	0.100 m	0,714 m	Vertical	17,358	2,688	14,482	2,199	0.000 m	1.666 m	154.516 m	152.850 m	1.04638 m	0.14280 m	0.11683 m	0.03597 m	0.89358 m	3.313 m	0.000 m</								

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m²	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
										20.000 m	1.568 m	152.926 m	151.357 m	0.97839 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.82560 m²	3.150 m	10.000 m	0.357 m	152.942 m	0.357 m	151.357 m	0.357 m	152.922 m	0.357 m	151.357 m
										30.000 m	1.388 m	152.507 m	151.119 m	0.84843 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.69563 m²	2.777 m	10.000 m	0.357 m	152.509 m	0.357 m	151.119 m	0.357 m	152.506 m	0.357 m	151.119 m
										40.000 m	1.645 m	152.526 m	150.881 m	1.03179 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.87899 m²	3.290 m	10.000 m	0.357 m	152.536 m	0.357 m	150.881 m	0.357 m	152.515 m	0.357 m	150.881 m
										50.000 m	1.479 m	152.121 m	150.643 m	0.91293 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.76014 m²	2.957 m	10.000 m	0.357 m	152.125 m	0.357 m	150.643 m	0.357 m	152.117 m	0.357 m	150.643 m
										60.000 m	1.466 m	151.870 m	150.404 m	0.90297 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.75018 m²	2.924 m	10.000 m	0.357 m	151.888 m	0.357 m	150.404 m	0.357 m	151.844 m	0.357 m	150.404 m
PV-9	200 mm PV	39,943	0.100 m	0,714 m	Vertical	29,89	5,704	23,787	4,666	0.000 m	1.466 m	151.870 m	150.404 m	0.90311 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.75031 m²	2.925 m	0.000 m	0.357 m	151.885 m	0.357 m	150.404 m	0.357 m	151.848 m	0.357 m	150.404 m
										10.000 m	1.149 m	151.310 m	150.161 m	0.67732 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.52452 m²	2.297 m	10.000 m	0.357 m	151.303 m	0.357 m	150.161 m	0.357 m	151.317 m	0.357 m	150.161 m
										20.000 m	1.266 m	151.185 m	149.919 m	0.76113 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.60833 m²	2.532 m	10.000 m	0.357 m	151.184 m	0.357 m	149.919 m	0.357 m	151.186 m	0.357 m	149.919 m
										30.000 m	1.165 m	150.841 m	149.676 m	0.68922 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.53643 m²	2.331 m	10.000 m	0.357 m	150.819 m	0.357 m	149.676 m	0.357 m	150.864 m	0.357 m	149.676 m
										39.943 m	1.360 m	150.795 m	149.435 m	0.82826 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.67547 m²	2.720 m	9.943 m	0.357 m	150.804 m	0.357 m	149.435 m	0.357 m	150.786 m	0.357 m	149.435 m
PV-10	200 mm PV	59,979	0.100 m	0,714 m	Vertical	58,031	8,565	48,866	7,007	0.000 m	1.389 m	150.795 m	149.405 m	0.84927 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.69648 m²	2.779 m	0.000 m	0.357 m	150.805 m	0.357 m	149.405 m	0.357 m	150.785 m	0.357 m	149.405 m
										10.000 m	1.601 m	150.845 m	149.244 m	1.00046 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.84766 m²	3.202 m	10.000 m	0.357 m	150.872 m	0.357 m	149.244 m	0.357 m	150.818 m	0.357 m	149.244 m
										20.000 m	1.383 m	150.466 m	149.083 m	0.84485 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.69206 m²	2.767 m	10.000 m	0.357 m	150.472 m	0.357 m	149.083 m	0.357 m	150.460 m	0.357 m	149.083 m
										30.000 m	2.007 m	150.929 m	148.922 m	1.28936 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.13656 m²	4.007 m	10.000 m	0.357 m	150.946 m	0.357 m	148.922 m	0.357 m	150.905 m	0.357 m	148.922 m
										40.000 m	1.232 m	149.993 m	148.761 m	0.73674 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.58395 m²	2.464 m	10.000 m	0.357 m	149.973 m	0.357 m	148.761 m	0.357 m	150.013 m	0.357 m	148.761 m
PV-11	200 mm PV	39,784	0.100 m	0,714 m	Vertical	47,594	5,681	41,515	4,648	0.000 m	1.748 m	150.179 m	148.432 m	1.10303 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.95023 m²	3.471 m	0.000 m	0.357 m	150.220 m	0.357 m	148.432 m	0.357 m	150.115 m	0.357 m	148.432 m
										10.000 m	1.608 m	149.872 m	148.264 m	1.00600 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.85320 m²	3.222 m	10.000 m	0.357 m	149.885 m	0.357 m	148.264 m	0.357 m	149.865 m	0.357 m	148.264 m
										20.000 m	1.801 m	149.898 m	148.097 m	1.14342 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.99062 m²	3.603 m	10.000 m	0.357 m	149.869 m	0.357 m	148.097 m	0.357 m	149.927 m	0.357 m	148.097 m
										30.000 m	2.077 m	150.006 m	147.929 m	1.33989 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.18710 m²	4.153 m	10.000 m	0.357 m	150.005 m	0.357 m	147.929 m	0.357 m	150.006 m	0.357 m	147.929 m
										39.784 m	2.299 m	150.064 m	147.765 m	1.49853 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.34574 m²	4.598 m	9.784 m	0.357 m	150.049 m	0.357 m	147.765 m	0.357 m	150.079 m	0.357 m	147.765 m
PV-12	200 mm PV	60	0.100 m	0,714 m	Vertical	132,196	8,568	123,028	7,01	0.000 m	2.299 m	150.064 m	147.765 m	1.49840 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.34560 m²	4.597 m	0.000 m	0.357 m	150.052 m	0.357 m	147.765 m	0.357 m	150.076 m	0.357 m	147.765 m
										10.000 m	2.844 m	150.499 m	147.655 m	1.88748 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.73468 m²	5.687 m	10.000 m	0.357 m	150.499 m	0.357 m	147.655 m	0.357 m	150.499 m	0.357 m	147.655 m
										20.000 m	2.954 m	150.499 m	147.546 m	1.96619 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.81340 m²	5.908 m	10.000 m	0.357 m	150.498 m	0.357 m	147.546 m	0.357 m	150.501 m	0.357 m	147.546 m
										30.000 m	3.236 m	150.672 m	147.436 m	2.16794 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.01515 m²	6.473 m	10.000 m	0.357 m	150.664 m	0.357 m	147.436 m	0.357 m	150.680 m	0.357 m	147.436 m
										40.000 m	3.641 m	150.966 m	147.326 m	2.45664 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.30384 m²	7.281 m	10.000 m	0.357 m	150.967 m	0.357 m	147.326 m	0.357 m	150.966 m	0.357 m	147.326 m
PV-13	200 mm PV	60	0.100 m	0,714 m	Vertical	195,287	8,568	186,12	7,01	0.000 m	4.137 m	151.243 m	147.106 m	2.81092 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.65812 m²	8.274 m	0.000 m	0.357 m	151.235 m	0.357 m	147.106 m	0.357 m	151.250 m	0.357 m	147.106 m
										10.000 m	4.500 m	151.499 m	146.998 m	3.07051 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.91772 m²	9.001 m	10.000 m	0.357 m	151.498 m	0.357 m	146.998 m	0.357 m	151.500 m	0.357 m	146.998 m
										20.000 m	4.617 m	151.508 m	146.891 m	3.15373 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.00094 m²	9.234 m	10.000 m	0.357 m	151.507 m	0.357 m	146.891 m	0.357 m	151.509 m	0.357 m	146.891 m
										30.000 m	4.847 m	151.631 m	146.784 m	3.31809 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.16529 m²	9.694 m	10.000 m	0.357 m	151.622 m	0.357 m	146.784 m	0.357 m	151.639 m	0.357 m	146.784 m
										40.000 m	4.962 m	151.638 m	146.676 m	3.39994 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.24714 m²	9.924 m	10.000 m	0.357 m	151.629 m	0.357 m	146.676 m	0.357 m	151.647 m	0.357 m	146.676 m
PV-14	200 mm PV	60	0.100 m	0,714 m	Vertical	194,822	8,568	185,654	7,01	0.000 m	5.044 m	151.603 m	146.569 m	3.45171 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.29892 m²	10.069 m	10.000 m	0.357 m	151.595 m	0.357 m	146.569 m	0.357 m	151.612 m	0.357 m	146.569 m
										10.000 m	5.044 m	151.505 m	146.461 m	3.45858 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.30578 m²	10.088 m	10.000 m	0.357 m	151.505 m	0.357 m	146.461 m	0.357 m	151.506 m	0.357 m	146.461 m
										20.000 m	5.044 m	151.505 m	146.461 m	3.45858 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.30578 m²	10.088 m	0.000 m	0.357 m	151.505 m	0.357 m	146.461 m	0.357 m	151.506 m	0.357 m	146.461 m
										30.000 m	5.045 m	151.505 m	146.461 m	3.45920 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.30641 m²	10.090 m	0.000 m	0.357 m	151.505 m	0.357 m	146.461 m	0.357 m	151.506 m	0.357 m	146.461 m
										10.000 m	5.074 m	151.426 m	146.352 m	3.48003 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.32723 m²	10.148 m	10.000 m	0.357 m	151.419 m	0.357 m	146.352 m	0.357 m	151.43		

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m²	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-16	200 mm PV	45,037	0.100 m	0,714 m	Vertical	100,964	6,431	94,083	5,262	0.000 m	1.782 m	146.810 m	145.028 m	1.12948 m	0.14280 m	0.11683 m	0.03597 m	0.97668 m	3.564 m	0.000 m	0.357 m	146.802 m	0.357 m	145.028 m	0.357 m	146.819 m	0.357 m	145.028 m
										10.000 m	2.550 m	147.453 m	144.903 m	1.67897 m	0.14280 m	0.11683 m	0.03597 m	1.52617 m	5.107 m	10.000 m	0.357 m	147.457 m	0.357 m	144.903 m	0.357 m	147.456 m	0.357 m	144.903 m
										20.000 m	3.347 m	148.125 m	144.778 m	2.24690 m	0.14280 m	0.11683 m	0.03597 m	2.09410 m	6.694 m	10.000 m	0.357 m	148.138 m	0.357 m	144.778 m	0.357 m	148.112 m	0.357 m	144.778 m
										30.000 m	3.809 m	148.461 m	144.653 m	2.57640 m	0.14280 m	0.11683 m	0.03597 m	2.42360 m	7.615 m	10.000 m	0.357 m	148.484 m	0.357 m	144.653 m	0.357 m	148.436 m	0.357 m	144.653 m
										40.000 m	4.362 m	148.889 m	144.527 m	2.97153 m	0.14280 m	0.11683 m	0.03597 m	2.81873 m	8.724 m	10.000 m	0.357 m	148.913 m	0.357 m	144.527 m	0.357 m	148.865 m	0.357 m	144.527 m
										45.037 m	4.623 m	149.088 m	144.464 m	3.15835 m	0.14280 m	0.11683 m	0.03597 m	3.00556 m	9.247 m	5.037 m	0.357 m	149.111 m	0.357 m	144.464 m	0.357 m	149.064 m	0.357 m	144.464 m
PV-17	200 mm PV	58,584	0.100 m	0,714 m	Vertical	165,938	8,366	156,987	6,844	0.000 m	4.623 m	149.088 m	144.465 m	3.15819 m	0.14280 m	0.11683 m	0.03597 m	3.00540 m	9.246 m	0.000 m	0.357 m	149.096 m	0.357 m	144.465 m	0.357 m	149.080 m	0.357 m	144.465 m
										10.000 m	4.595 m	148.934 m	144.339 m	3.13807 m	0.14280 m	0.11683 m	0.03597 m	2.98527 m	9.190 m	10.000 m	0.357 m	148.969 m	0.357 m	144.339 m	0.357 m	148.900 m	0.357 m	144.339 m
										20.000 m	4.101 m	148.315 m	144.214 m	2.78519 m	0.14280 m	0.11683 m	0.03597 m	2.63239 m	8.202 m	10.000 m	0.357 m	148.338 m	0.357 m	144.214 m	0.357 m	148.292 m	0.357 m	144.214 m
										30.000 m	4.057 m	148.146 m	144.089 m	2.75371 m	0.14280 m	0.11683 m	0.03597 m	2.60091 m	8.113 m	10.000 m	0.357 m	148.184 m	0.357 m	144.089 m	0.357 m	148.108 m	0.357 m	144.089 m
										40.000 m	4.107 m	148.071 m	143.964 m	2.78973 m	0.14280 m	0.11683 m	0.03597 m	2.63693 m	8.214 m	10.000 m	0.357 m	148.100 m	0.357 m	143.964 m	0.357 m	148.043 m	0.357 m	143.964 m
										50.000 m	3.922 m	147.761 m	143.839 m	2.65747 m	0.14280 m	0.11683 m	0.03597 m	2.50468 m	7.844 m	10.000 m	0.357 m	147.804 m	0.357 m	143.839 m	0.357 m	147.718 m	0.357 m	143.839 m
PV-18	200 mm PV	66,546	0.100 m	0,714 m	Vertical	218,526	9,503	208,358	7,774	0.000 m	3.721 m	147.452 m	143.731 m	2.51365 m	0.14280 m	0.11683 m	0.03597 m	2.36086 m	7.441 m	0.000 m	0.357 m	147.454 m	0.357 m	143.731 m	0.357 m	147.450 m	0.357 m	143.731 m
										10.000 m	4.431 m	148.037 m	143.606 m	3.02086 m	0.14280 m	0.11683 m	0.03597 m	2.86807 m	8.862 m	10.000 m	0.357 m	148.069 m	0.357 m	143.606 m	0.357 m	148.005 m	0.357 m	143.606 m
										20.000 m	4.852 m	148.333 m	143.481 m	3.32139 m	0.14280 m	0.11683 m	0.03597 m	3.16860 m	9.704 m	10.000 m	0.357 m	148.347 m	0.357 m	143.481 m	0.357 m	148.319 m	0.357 m	143.481 m
										30.000 m	5.140 m	148.496 m	143.356 m	3.52712 m	0.14280 m	0.11683 m	0.03597 m	3.37432 m	10.280 m	10.000 m	0.357 m	148.545 m	0.357 m	143.356 m	0.357 m	148.447 m	0.357 m	143.356 m
										40.000 m	4.905 m	148.136 m	143.231 m	3.35915 m	0.14280 m	0.11683 m	0.03597 m	3.20635 m	9.809 m	10.000 m	0.357 m	148.161 m	0.357 m	143.231 m	0.357 m	148.110 m	0.357 m	143.231 m
										50.000 m	5.169 m	148.275 m	143.106 m	3.54775 m	0.14280 m	0.11683 m	0.03597 m	3.39496 m	10.338 m	10.000 m	0.357 m	148.284 m	0.357 m	143.106 m	0.357 m	148.265 m	0.357 m	143.106 m
PV-19	200 mm PV	49,917	0.100 m	0,714 m	Vertical	149,095	7,128	141,468	5,832	0.000 m	4.742 m	147.641 m	142.899 m	3.24308 m	0.14280 m	0.11683 m	0.03597 m	3.09029 m	9.484 m	0.000 m	0.357 m	147.660 m	0.357 m	142.899 m	0.357 m	147.622 m	0.357 m	142.899 m
										10.000 m	4.614 m	147.388 m	142.774 m	3.15179 m	0.14280 m	0.11683 m	0.03597 m	2.99899 m	9.229 m	10.000 m	0.357 m	147.399 m	0.357 m	142.774 m	0.357 m	147.377 m	0.357 m	142.774 m
										20.000 m	4.513 m	147.161 m	142.649 m	3.07936 m	0.14280 m	0.11683 m	0.03597 m	2.92657 m	9.026 m	10.000 m	0.357 m	147.169 m	0.357 m	142.649 m	0.357 m	147.154 m	0.357 m	142.649 m
										30.000 m	4.474 m	146.998 m	142.523 m	3.05186 m	0.14280 m	0.11683 m	0.03597 m	2.89907 m	8.949 m	10.000 m	0.357 m	146.998 m	0.357 m	142.523 m	0.357 m	146.997 m	0.357 m	142.523 m
										40.000 m	3.926 m	146.325 m	142.398 m	2.66061 m	0.14280 m	0.11683 m	0.03597 m	2.50781 m	7.853 m	10.000 m	0.357 m	146.371 m	0.357 m	142.398 m	0.357 m	146.278 m	0.357 m	142.398 m
										49.917 m	4.028 m	146.302 m	142.274 m	2.73330 m	0.14280 m	0.11683 m	0.03597 m	2.58050 m	8.063 m	9.917 m	0.357 m	146.301 m	0.357 m	142.274 m	0.357 m	146.311 m	0.357 m	142.274 m
PV-20	200 mm PV	52,487	0.100 m	0,714 m	Vertical	113,669	7,495	105,65	6,132	0.000 m	4.028 m	146.302 m	142.274 m	2.73299 m	0.14280 m	0.11683 m	0.03597 m	2.58019 m	8.055 m	0.000 m	0.357 m	146.289 m	0.357 m	142.274 m	0.357 m	146.314 m	0.357 m	142.274 m
										10.000 m	3.816 m	145.965 m	142.149 m	2.58178 m	0.14280 m	0.11683 m	0.03597 m	2.42899 m	7.632 m	10.000 m	0.357 m	145.928 m	0.357 m	142.149 m	0.357 m	146.002 m	0.357 m	142.149 m
										20.000 m	3.317 m	145.341 m	142.024 m	2.22533 m	0.14280 m	0.11683 m	0.03597 m	2.07253 m	6.633 m	10.000 m	0.357 m	145.325 m	0.357 m	142.024 m	0.357 m	145.356 m	0.357 m	142.024 m
										30.000 m	2.819 m	144.718 m	141.899 m	1.86985 m	0.14280 m	0.11683 m	0.03597 m	1.71705 m	5.638 m	10.000 m	0.357 m	144.740 m	0.357 m	141.899 m	0.357 m	144.695 m	0.357 m	141.899 m
										40.000 m	3.325 m	145.099 m	141.774 m	2.23123 m	0.14280 m	0.11683 m	0.03597 m	2.07844 m	6.650 m	10.000 m	0.357 m	145.108 m	0.357 m	141.774 m	0.357 m	145.089 m	0.357 m	141.774 m
										50.000 m	2.276 m	143.924 m	141.649 m	1.48203 m	0.14280 m	0.11683 m	0.03597 m	1.32923 m	4.551 m	10.000 m	0.357 m	143.929 m	0.357 m	141.649 m	0.357 m	143.919 m	0.357 m	141.649 m
PV-21	150 mm PV	62,598	0.100 m	0,660 m	Vertical	61,177	8,263	54,566	5,352	0.000 m	1.360 m	146.029 m	144.669 m	0.76584 m	0.13200 m	0.08549 m	0.02011 m	0.66024 m	2.726 m	0.000 m	0.330 m	146.052 m	0.330 m	144.669 m	0.330 m	146.012 m	0.330 m	144.669 m
										10.000 m	1.645 m	145.941 m	144.296 m	0.95487 m	0.13200 m	0.08549 m	0.02011 m	0.84927 m	3.300 m	10.000 m	0.330 m	145.971 m	0.330 m	144.296 m	0.330 m	145.922 m	0.330 m	144.296 m
										20.000 m	2.002 m	145.925 m	143.923 m	1.18964 m	0.13200 m	0.08549 m	0.02011 m	1.08404 m	4.006 m	10.000 m	0.330 m	145.949 m	0.330 m	143.923 m	0.330 m	145.903 m	0.330 m	143.923 m
										30.000 m	1.527 m	145.077 m	143.550 m	0.87829 m	0.13200 m	0.08549 m	0.02011 m	0.77269 m	3.074 m	10.000 m	0.330 m	145.117 m	0.330 m	143.550 m	0.330 m	145.056 m	0.330 m	143.550 m
										40.000 m	1.590 m	144.766 m	143.177 m	0.91726 m	0.13200 m	0.08549 m	0.02011 m	0.81166 m	3.180 m	10.000 m	0.330 m	144.787 m	0.330 m	143.177 m	0.330 m	144.746 m	0.330 m	143.177 m
										50.000 m	1.966 m	144.769 m	142.803 m	1.16547 m	0.13200 m	0.08549 m	0.02011 m	1										

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESCC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-24	200 mm P.V	52,025	0.100 m	0,714 m	Vertical	58,943	7,429	50,993	6,078	0.000 m	2.022 m	143.580 m	141.558 m	1.30088 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.14808 m²	4.044 m	0.000 m	0.357 m	143.557 m	0.357 m	141.558 m	0.357 m	143.603 m	0.357 m	141.558 m
										10.000 m	2.315 m	143.643 m	141.328 m	1.50982 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.35702 m²	4.629 m	10.000 m	0.357 m	143.636 m	0.357 m	141.328 m	0.357 m	143.649 m	0.357 m	141.328 m
										20.000 m	1.626 m	142.724 m	141.098 m	1.02246 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.86967 m²	3.284 m	10.000 m	0.357 m	142.749 m	0.357 m	141.098 m	0.357 m	142.730 m	0.357 m	141.098 m
										30.000 m	1.633 m	142.501 m	140.868 m	1.02308 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.87029 m²	3.266 m	10.000 m	0.357 m	142.501 m	0.357 m	140.868 m	0.357 m	142.500 m	0.357 m	140.868 m
										40.000 m	1.629 m	142.267 m	140.638 m	1.02035 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.86756 m²	3.258 m	10.000 m	0.357 m	142.261 m	0.357 m	140.638 m	0.357 m	142.272 m	0.357 m	140.638 m
										50.000 m	1.543 m	141.951 m	140.408 m	0.95900 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.80620 m²	3.086 m	10.000 m	0.357 m	141.940 m	0.357 m	140.408 m	0.357 m	141.962 m	0.357 m	140.408 m
										52.025 m	1.466 m	141.827 m	140.361 m	0.90377 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.75097 m²	2.932 m	2.025 m	0.357 m	141.816 m	0.357 m	140.361 m	0.357 m	141.838 m	0.357 m	140.361 m
PV-25	200 mm P.V	10,09	0.100 m	0,714 m	Vertical	11,404	1,441	9,862	1,179	0.000 m	1.466 m	141.827 m	140.361 m	0.90392 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.75113 m²	2.932 m	0.000 m	0.357 m	141.806 m	0.357 m	140.361 m	0.357 m	141.847 m	0.357 m	140.361 m
										10.000 m	2.094 m	142.256 m	140.162 m	1.35256 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.19976 m²	4.189 m	10.000 m	0.357 m	142.240 m	0.357 m	140.162 m	0.357 m	142.273 m	0.357 m	140.162 m
										10.090 m	2.097 m	142.257 m	140.160 m	1.35433 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.20153 m²	4.193 m	0.090 m	0.357 m	142.240 m	0.357 m	140.160 m	0.357 m	142.274 m	0.357 m	140.160 m
PV-26	150 mm P.V	60	0.100 m	0,660 m	Vertical	65,612	7,92	59,276	5,13	0.000 m	1.360 m	143.244 m	141.884 m	0.76560 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.66000 m²	2.720 m	0.000 m	0.330 m	143.271 m	0.330 m	141.884 m	0.330 m	143.218 m	0.330 m	141.884 m
										10.000 m	1.555 m	143.350 m	141.795 m	0.89451 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.78891 m²	3.111 m	10.000 m	0.330 m	143.381 m	0.330 m	141.795 m	0.330 m	143.319 m	0.330 m	141.795 m
										20.000 m	1.721 m	143.426 m	141.705 m	1.00402 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.89842 m²	3.442 m	10.000 m	0.330 m	143.471 m	0.330 m	141.705 m	0.330 m	143.381 m	0.330 m	141.705 m
										30.000 m	2.273 m	143.888 m	141.615 m	1.36791 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.26231 m²	4.545 m	10.000 m	0.330 m	143.937 m	0.330 m	141.615 m	0.330 m	143.839 m	0.330 m	141.615 m
										40.000 m	2.036 m	143.562 m	141.526 m	1.21207 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.10647 m²	4.073 m	10.000 m	0.330 m	143.615 m	0.330 m	141.526 m	0.330 m	143.509 m	0.330 m	141.526 m
										50.000 m	1.967 m	143.403 m	141.436 m	1.16644 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.06084 m²	3.935 m	10.000 m	0.330 m	143.402 m	0.330 m	141.436 m	0.330 m	143.405 m	0.330 m	141.436 m
60.000 m	1.816 m	143.163 m	141.346 m	1.06689 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.96129 m²	3.633 m	10.000 m	0.330 m	143.186 m	0.330 m	141.346 m	0.330 m	143.140 m	0.330 m	141.346 m										
PV-27	150 mm P.V	28,428	0.100 m	0,660 m	Vertical	27,1	3,752	24,098	2,43	0.000 m	1.816 m	143.163 m	141.346 m	1.06682 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.96122 m²	3.633 m	0.000 m	0.330 m	143.185 m	0.330 m	141.346 m	0.330 m	143.141 m	0.330 m	141.346 m
										10.000 m	1.674 m	142.792 m	141.118 m	0.97295 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.86735 m²	3.348 m	10.000 m	0.330 m	142.799 m	0.330 m	141.118 m	0.330 m	142.785 m	0.330 m	141.118 m
										20.000 m	1.557 m	142.447 m	140.889 m	0.89589 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.79029 m²	3.115 m	10.000 m	0.330 m	142.452 m	0.330 m	140.889 m	0.330 m	142.442 m	0.330 m	140.889 m
										28.428 m	1.560 m	142.257 m	140.697 m	0.89758 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.79198 m²	3.120 m	8.428 m	0.330 m	142.272 m	0.330 m	140.697 m	0.330 m	142.241 m	0.330 m	140.697 m
PV-28	200 mm P.V	5,276	0.100 m	0,714 m	Vertical	6,914	0,753	6,108	0,616	0.000 m	2.104 m	142.257 m	140.153 m	1.35867 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.20587 m²	4.206 m	0.000 m	0.357 m	142.250 m	0.357 m	140.153 m	0.357 m	142.263 m	0.357 m	140.153 m
										5.276 m	1.968 m	142.057 m	140.089 m	1.26234 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.10955 m²	3.936 m	5.276 m	0.357 m	142.044 m	0.357 m	140.089 m	0.357 m	142.069 m	0.357 m	140.089 m
PV-29	150 mm P.V	34,14	0.100 m	0,660 m	Vertical	24,164	4,506	20,559	2,919	0.000 m	1.007 m	143.068 m	142.061 m	0.53251 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.42691 m²	2.014 m	0.000 m	0.330 m	143.095 m	0.330 m	142.061 m	0.330 m	143.042 m	0.330 m	142.061 m
										10.000 m	1.173 m	143.057 m	141.885 m	0.64198 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.53638 m²	2.345 m	10.000 m	0.330 m	143.077 m	0.330 m	141.885 m	0.330 m	143.037 m	0.330 m	141.885 m
										20.000 m	1.290 m	142.998 m	141.708 m	0.71929 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.61369 m²	2.580 m	10.000 m	0.330 m	142.998 m	0.330 m	141.708 m	0.330 m	142.998 m	0.330 m	141.708 m
										30.000 m	1.492 m	143.024 m	141.531 m	0.85301 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.74741 m²	2.986 m	10.000 m	0.330 m	143.049 m	0.330 m	141.531 m	0.330 m	143.000 m	0.330 m	141.531 m
34.140 m	1.560 m	143.018 m	141.458 m	0.89761 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.79201 m²	3.122 m	4.140 m	0.330 m	143.041 m	0.330 m	141.458 m	0.330 m	142.997 m	0.330 m	141.458 m										
PV-30	150 mm P.V	66,61	0.100 m	0,660 m	Vertical	74,677	8,793	67,643	5,695	0.000 m	1.581 m	143.018 m	141.437 m	0.91176 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.80616 m²	3.165 m	0.000 m	0.330 m	143.041 m	0.330 m	141.437 m	0.330 m	142.997 m	0.330 m	141.437 m
										10.000 m	1.879 m	143.159 m	141.280 m	1.10828 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.00268 m²	3.758 m	10.000 m	0.330 m	143.230 m	0.330 m	141.280 m	0.330 m	143.088 m	0.330 m	141.280 m
										20.000 m	1.874 m	142.996 m	141.122 m	1.10486 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.99926 m²	3.748 m	10.000 m	0.330 m	142.997 m	0.330 m	141.122 m	0.330 m	142.996 m	0.330 m	141.122 m
										30.000 m	2.034 m	142.999 m	140.965 m	1.21030 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.10470 m²	4.068 m	10.000 m	0.330 m	142.999 m	0.330 m	140.965 m	0.330 m	142.999 m	0.330 m	140.965 m
										40.000 m	2.064 m	142.872 m	140.808 m	1.23045 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.12485 m²	4.129 m	10.000 m	0.330 m	142.884 m	0.330 m	140.808 m	0.330 m	142.861 m	0.330 m	140.808 m
										50.000 m	1.964 m	142.614 m	140.651 m	1.16400 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.05840 m²	3.927 m	10.000 m	0.330 m	142.632 m	0.330 m	140.651 m	0.330 m	142.597 m	0.330 m	140.651 m
										60.000 m	1.794 m	142.288 m	140.494 m	1.05236 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.94676 m²	3.589 m	10.000 m	0.330 m	142.298 m	0.330 m	140.494 m	0.330 m	142.278 m	0.330 m	140.494 m
										66.610 m	1.667 m	142.057 m	140.390 m	0.96820 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.86260 m²	3.334 m	6.610 m	0.330 m	142.070 m	0.330 m	140.390 m	0.330 m	142.043 m	0.330 m	140.390 m
PV-31	200 mm P.V	81,75	0.100 m	0,714 m	Vertical	109,554	11,674	97,063	9,551	0.000 m	1.981 m	142.057 m	140.076 m	1.27154 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.11874 m²	3.962 m	0.000 m	0.357 m	142.044 m	0.357 m	140.076 m	0.357 m	142.069 m	0.357 m	140.076 m
										10.000 m	2.092 m	141.812 m	139.720 m	1.35085 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.19805 m²	4.184 m	10.000 m	0.357 m	141.798 m	0.357 m	139.720 m	0.357 m	141.825 m	0.357 m	139.720 m
										20.000 m	2.343 m	141.707 m	139.364 m	1.53036 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.37756 m²	4.687 m	10.000 m	0.357 m	141.710 m	0.357 m	139.364 m	0.357 m	141.703 m	0.357 m	139.364 m
										30.000 m	2.527 m	141.534 m	139.007 m	1.66122 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.50843 m²	5.053 m	10.000 m	0.357 m	141.509 m	0.357 m	139.007 m	0.357 m	141.559 m	0.357 m	139.007 m
										40.000 m	2.316 m	140.967 m	138.651 m	1.51068 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.35788 m²	4.633 m	10.000 m	0.357 m	140.970 m	0.357 m	138.651 m	0.357 m	140.966 m	0.357 m	138.651 m
										50.000 m	2.333 m	140.628 m	138.295 m	1.52292 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.37012 m²	4.666 m	10.000 m	0.357 m	140.644 m	0.357 m	138.295 m	0.357 m	140.613 m	0.357 m	138.295 m
										60.000 m	1.606 m	139.545 m	137.939 m	1.00822 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.85543 m²	3.245 m	10.000 m	0.357 m	139.547 m	0.357 m	137.939 m	0.357 m	139.576 m	0.357 m	137.939 m
										70.000 m	1.750 m	139.333 m	137.583 m	1.10741 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.95462 m²	3.505 m	10.000 m	0.357 m	139.325 m	0.357 m	137.583 m	0.357 m	139.345 m	0.357 m	137.583 m
										80.000 m	1.509 m	138.735 m	137.227 m	0.93430 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.78150 m²	3.017 m	10.000 m	0.357 m	138.728 m	0.357 m	137.227 m	0.357 m	138.743 m	0.357 m	137.227 m
										81.750 m	1.466 m	138.630 m	137.165 m	0.90365 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.										

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m²	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
										50,774 m	-1.676 m	134,500 m	136,176 m	1.05359 m	0.14280 m	0.11683 m	0.03597 m	0.90079 m	3.351 m	0,774 m	0,357 m	134,500 m	0,357 m	136,176 m	0,357 m	134,500 m	0,357 m	136,176 m
PV-33	200 mm P.V.	100,371	0.100 m	0,714 m	Vertical	63,599	14,333	48,262	11,726	0.000 m	-1.675 m	134,500 m	136,175 m	1.05346 m	0.14280 m	0.11683 m	0.03597 m	0.90066 m	3.351 m	0,000 m	0,357 m	134,500 m	0,357 m	136,175 m	0,357 m	134,500 m	0,357 m	136,175 m
										10.000 m	-1.492 m	134,500 m	135,992 m	0.92272 m	0.14280 m	0.11683 m	0.03597 m	0.76993 m	2.985 m	10.000 m	0,357 m	134,500 m	0,357 m	135,992 m	0,357 m	134,500 m	0,357 m	135,992 m
										20.000 m	-0.904 m	134,905 m	135,809 m	0.49867 m	0.14280 m	0.11683 m	0.03597 m	0.34588 m	1.778 m	10.000 m	0,357 m	134,950 m	0,357 m	135,809 m	0,357 m	134,890 m	0,357 m	135,809 m
										30.000 m	-1.108 m	134,519 m	135,626 m	0.64686 m	0.14280 m	0.11683 m	0.03597 m	0.49406 m	2.200 m	10.000 m	0,357 m	134,552 m	0,357 m	135,626 m	0,357 m	134,500 m	0,357 m	135,626 m
										40.000 m	-0.668 m	134,776 m	135,443 m	0.33381 m	0.14280 m	0.11683 m	0.03597 m	0.18101 m	1.335 m	10.000 m	0,357 m	134,790 m	0,357 m	135,443 m	0,357 m	134,761 m	0,357 m	135,443 m
										50.000 m	-0.795 m	134,465 m	135,260 m	0.43346 m	0.14280 m	0.11683 m	0.03597 m	0.28067 m	1.627 m	10.000 m	0,357 m	134,527 m	0,357 m	135,260 m	0,357 m	134,366 m	0,357 m	135,260 m
										60.000 m	-1.228 m	133,849 m	135,077 m	0.73180 m	0.14280 m	0.11683 m	0.03597 m	0.57901 m	2.417 m	10.000 m	0,357 m	133,846 m	0,357 m	135,077 m	0,357 m	133,890 m	0,357 m	135,077 m
										70.000 m	-1.256 m	133,637 m	134,894 m	0.75421 m	0.14280 m	0.11683 m	0.03597 m	0.60142 m	2.513 m	10.000 m	0,357 m	133,665 m	0,357 m	134,894 m	0,357 m	133,610 m	0,357 m	134,894 m
										80.000 m	-0.020 m	134,691 m	134,711 m	-0.12885 m	0.14280 m	0.11683 m	0.03597 m	-0.28165 m	0.281 m	10.000 m	0,357 m	134,551 m	0,357 m	134,711 m	0,357 m	134,831 m	0,357 m	134,711 m
										90.000 m	-1.420 m	133,108 m	134,528 m	0.87078 m	0.14280 m	0.11683 m	0.03597 m	0.71798 m	2.839 m	10.000 m	0,357 m	133,001 m	0,357 m	134,528 m	0,357 m	133,214 m	0,357 m	134,528 m
										100.000 m	-2.203 m	132,141 m	134,344 m	1.42957 m	0.14280 m	0.11683 m	0.03597 m	1.27677 m	4.397 m	10.000 m	0,357 m	132,149 m	0,357 m	134,344 m	0,357 m	132,143 m	0,357 m	134,344 m
										100.371 m	-2.337 m	132,001 m	134,338 m	1.52936 m	0.14280 m	0.11683 m	0.03597 m	1.37656 m	4.702 m	0,371 m	0,357 m	131,981 m	0,357 m	134,338 m	0,357 m	131,992 m	0,357 m	134,338 m
PV-34	200 mm P.V.	59,148	0.100 m	0,714 m	Vertical	138,385	8,446	129,348	6,91	0.000 m	-2.336 m	132,001 m	134,337 m	1.52666 m	0.14280 m	0.11683 m	0.03597 m	1.37387 m	4.686 m	0,000 m	0,357 m	131,853 m	0,357 m	134,337 m	0,357 m	132,137 m	0,357 m	134,337 m
										10.000 m	-1.637 m	135,794 m	134,157 m	1.02592 m	0.14280 m	0.11683 m	0.03597 m	0.87313 m	3.274 m	10.000 m	0,357 m	135,832 m	0,357 m	134,157 m	0,357 m	135,755 m	0,357 m	134,157 m
										20.000 m	-5.041 m	139,017 m	133,976 m	3.45775 m	0.14280 m	0.11683 m	0.03597 m	3.30495 m	10.104 m	10.000 m	0,357 m	139,039 m	0,357 m	133,976 m	0,357 m	139,017 m	0,357 m	133,976 m
										30.000 m	3.843 m	137,639 m	133,795 m	2.63016 m	0.14280 m	0.11683 m	0.03597 m	2.47737 m	7.879 m	10.000 m	0,357 m	138,017 m	0,357 m	133,795 m	0,357 m	137,453 m	0,357 m	133,795 m
										40.000 m	-3.744 m	129,871 m	133,615 m	2.52461 m	0.14280 m	0.11683 m	0.03597 m	2.37182 m	7.373 m	10.000 m	0,357 m	129,812 m	0,357 m	133,615 m	0,357 m	130,043 m	0,357 m	133,615 m
										50.000 m	-3.053 m	130,381 m	133,434 m	2.03721 m	0.14280 m	0.11683 m	0.03597 m	1.88441 m	6.106 m	10.000 m	0,357 m	130,169 m	0,357 m	133,434 m	0,357 m	130,593 m	0,357 m	133,434 m
										59.148 m	-4.754 m	128,515 m	133,269 m	3.24966 m	0.14280 m	0.11683 m	0.03597 m	3.09686 m	9.494 m	9,148 m	0,357 m	128,497 m	0,357 m	133,269 m	0,357 m	128,546 m	0,357 m	133,269 m
PV-35	200 mm P.V.	64,491	0.100 m	0,714 m	Vertical	256,418	9,209	246,564	7,534	0.000 m	-4.754 m	128,515 m	133,268 m	3.25077 m	0.14280 m	0.11683 m	0.03597 m	3.09798 m	9.504 m	0,000 m	0,357 m	128,521 m	0,357 m	133,268 m	0,357 m	128,512 m	0,357 m	133,268 m
										10.000 m	-5.082 m	127,993 m	133,075 m	3.48945 m	0.14280 m	0.11683 m	0.03597 m	3.33665 m	10.188 m	10.000 m	0,357 m	127,962 m	0,357 m	133,075 m	0,357 m	128,000 m	0,357 m	133,075 m
										20.000 m	-5.651 m	127,232 m	132,882 m	3.89168 m	0.14280 m	0.11683 m	0.03597 m	3.73889 m	11.297 m	10.000 m	0,357 m	127,236 m	0,357 m	132,882 m	0,357 m	127,233 m	0,357 m	132,882 m
										30.000 m	-5.637 m	127,052 m	132,689 m	3.88415 m	0.14280 m	0.11683 m	0.03597 m	3.73136 m	11.314 m	10.000 m	0,357 m	127,103 m	0,357 m	132,689 m	0,357 m	126,961 m	0,357 m	132,689 m
										40.000 m	-6.496 m	126,000 m	132,496 m	4.49563 m	0.14280 m	0.11683 m	0.03597 m	4.34284 m	12.993 m	10.000 m	0,357 m	126,000 m	0,357 m	132,496 m	0,357 m	126,000 m	0,357 m	132,496 m
										50.000 m	-6.289 m	126,014 m	132,303 m	4.34449 m	0.14280 m	0.11683 m	0.03597 m	4.19169 m	12.565 m	10.000 m	0,357 m	126,034 m	0,357 m	132,303 m	0,357 m	126,007 m	0,357 m	132,303 m
										60.000 m	-5.960 m	126,151 m	132,110 m	4.11293 m	0.14280 m	0.11683 m	0.03597 m	3.96014 m	11.925 m	10.000 m	0,357 m	126,144 m	0,357 m	132,110 m	0,357 m	126,151 m	0,357 m	132,110 m
										64.491 m	-6.018 m	126,006 m	132,024 m	4.14567 m	0.14280 m	0.11683 m	0.03597 m	3.99288 m	11.988 m	4,491 m	0,357 m	126,061 m	0,357 m	132,024 m	0,357 m	125,999 m	0,357 m	132,024 m
PV-36	200 mm P.V.	69,264	0.100 m	0,714 m	Vertical	188,249	9,891	177,665	8,092	0.000 m	-6.018 m	126,006 m	132,024 m	4.15256 m	0.14280 m	0.11683 m	0.03597 m	3.99977 m	12.024 m	0,000 m	0,357 m	126,024 m	0,357 m	132,024 m	0,357 m	126,000 m	0,357 m	132,024 m
										10.000 m	-5.889 m	125,956 m	131,845 m	4.06374 m	0.14280 m	0.11683 m	0.03597 m	3.91904 m	11.804 m	10.000 m	0,357 m	126,000 m	0,357 m	131,845 m	0,357 m	125,886 m	0,357 m	131,845 m
										20.000 m	-6.153 m	125,513 m	131,665 m	4.25019 m	0.14280 m	0.11683 m	0.03597 m	4.09739 m	12.301 m	10.000 m	0,357 m	125,531 m	0,357 m	131,665 m	0,357 m	125,499 m	0,357 m	131,665 m
										30.000 m	-2.472 m	129,014 m	131,486 m	1.62673 m	0.14280 m	0.11683 m	0.03597 m	1.47393 m	4.934 m	10.000 m	0,357 m	128,857 m	0,357 m	131,486 m	0,357 m	129,182 m	0,357 m	131,486 m
										40.000 m	-2.933 m	128,375 m	131,307 m	1.94485 m	0.14280 m	0.11683 m	0.03597 m	1.79206 m	5.815 m	10.000 m	0,357 m	128,198 m	0,357 m	131,307 m	0,357 m	128,601 m	0,357 m	131,307 m
										50.000 m	-3.770 m	127,358 m	131,128 m	2.55995 m	0.14280 m	0.11683 m	0.03597 m	2.40716 m	7.641 m	10.000 m	0,357 m	126,987 m	0,357 m	131,128 m	0,357 m	127,628 m	0,357 m	131,128 m
										60.000 m	-1.766 m	129,183 m	130,949 m	1.12438 m	0.14280 m	0.11683 m	0.03597 m	0.97158 m	3.560 m	10.000 m	0,357 m	128,738 m	0,357 m	130,949 m	0,357 m	129,599 m	0,357 m	130,949 m
										69.264 m	-3.889 m	126,894 m	130,783 m	2.63405 m	0.14280 m	0.11683 m	0.03597 m	2.48125 m	7.778 m	9,264 m	0,357 m	126,939 m	0,357 m	130,783 m	0,357 m			

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m										
PV-39	200 mm P.V.	62,301	0.100 m	0,714 m	Vertical	19,643	8,897	10,124	7,278	0.000 m	-0.601 m	127.491 m	128.092 m	0.28641 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.13361 m²	1.203 m	0.000 m	0.357 m	127.487 m	0.357 m	128.092 m	0.357 m	127.494 m	0.357 m	128.092 m										
										10.000 m	-0.305 m	127.763 m	128.069 m	0.07533 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.07747 m	0.611 m	10.000 m	0.357 m	127.730 m	0.357 m	128.069 m	0.357 m	127.796 m	0.357 m	128.069 m										
										20.000 m	-0.076 m	127.969 m	128.045 m	-0.08783 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.24063 m	0.159 m	10.000 m	0.357 m	127.963 m	0.357 m	128.045 m	0.357 m	127.969 m	0.357 m	128.045 m										
										30.000 m	-0.025 m	127.997 m	128.022 m	-0.12499 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.27778 m	0.051 m	10.000 m	0.357 m	127.994 m	0.357 m	128.022 m	0.357 m	127.998 m	0.357 m	128.022 m										
										40.000 m	0.489 m	128.487 m	127.998 m	0.20627 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.05348 m	0.978 m	10.000 m	0.357 m	128.489 m	0.357 m	127.998 m	0.357 m	128.485 m	0.357 m	127.998 m										
										50.000 m	1.629 m	129.604 m	127.975 m	1.02081 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.86801 m	3.264 m	10.000 m	0.357 m	129.553 m	0.357 m	127.975 m	0.357 m	129.661 m	0.357 m	127.975 m										
										60.000 m	1.612 m	129.564 m	127.951 m	1.00847 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.85568 m	3.225 m	10.000 m	0.357 m	129.597 m	0.357 m	127.951 m	0.357 m	129.531 m	0.357 m	127.951 m										
										62.301 m	1.554 m	129.500 m	127.946 m	0.96688 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.81409 m	3.108 m	2.301 m	0.357 m	129.500 m	0.357 m	127.946 m	0.357 m	129.500 m	0.357 m	127.946 m										
PV-40	200 mm P.V.	48,618	0.100 m	0,714 m	Vertical	83,645	6,943	76,216	5,68	0.000 m	1.585 m	129.500 m	127.915 m	0.98888 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.83608 m²	3.170 m	0.000 m	0.357 m	129.500 m	0.357 m	127.915 m	0.357 m	129.500 m	0.357 m	127.915 m										
										10.000 m	1.957 m	129.819 m	127.862 m	1.25462 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.10183 m	3.914 m	10.000 m	0.357 m	129.835 m	0.357 m	127.862 m	0.357 m	129.802 m	0.357 m	127.862 m										
										20.000 m	2.576 m	130.384 m	127.808 m	1.68193 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.52914 m	5.070 m	10.000 m	0.357 m	130.309 m	0.357 m	127.808 m	0.357 m	130.378 m	0.357 m	127.808 m										
										30.000 m	2.742 m	130.497 m	127.755 m	1.81620 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.66340 m	5.493 m	10.000 m	0.357 m	130.514 m	0.357 m	127.755 m	0.357 m	130.488 m	0.357 m	127.755 m										
										40.000 m	3.229 m	130.930 m	127.701 m	2.16245 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.00966 m	6.457 m	10.000 m	0.357 m	130.924 m	0.357 m	127.701 m	0.357 m	130.935 m	0.357 m	127.701 m										
										48.618 m	3.789 m	131.444 m	127.655 m	2.56276 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.40996 m	7.579 m	8.618 m	0.357 m	131.475 m	0.357 m	127.655 m	0.357 m	131.414 m	0.357 m	127.655 m										
										PV-45	200 mm P.V.	42,147	0.100 m	0,714 m	Vertical	105,202	6,019	98,762	4,924	0.000 m	3.789 m	131.444 m	127.655 m	2.56259 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.40979 m	7.578 m	0.000 m	0.357 m	131.428 m	0.357 m	127.655 m	0.357 m	131.461 m	0.357 m	127.655 m
																				10.000 m	3.902 m	131.499 m	127.598 m	2.64309 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.49029 m	7.804 m	10.000 m	0.357 m	131.500 m	0.357 m	127.598 m	0.357 m	131.499 m	0.357 m	127.598 m
20.000 m	3.892 m	131.433 m	127.540 m	2.63548 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.48269 m	7.778 m											10.000 m	0.357 m	131.430 m	0.357 m	127.540 m	0.357 m	131.428 m	0.357 m	127.540 m										
30.000 m	3.514 m	130.997 m	127.483 m	2.36632 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.21352 m	7.028 m											10.000 m	0.357 m	130.996 m	0.357 m	127.483 m	0.357 m	130.997 m	0.357 m	127.483 m										
40.000 m	3.347 m	130.772 m	127.425 m	2.24682 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.09403 m	6.694 m											10.000 m	0.357 m	130.779 m	0.357 m	127.425 m	0.357 m	130.765 m	0.357 m	127.425 m										
42.147 m	3.194 m	130.606 m	127.413 m	2.13743 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.98463 m	6.387 m											2.147 m	0.357 m	130.614 m	0.357 m	127.413 m	0.357 m	130.599 m	0.357 m	127.413 m										
PV-46	200 mm P.V.	33,48	0.100 m	0,714 m	Vertical	60,774	4,781	55,658	3,911											0.000 m	3.193 m	130.606 m	127.413 m	2.13731 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.98451 m	6.387 m	0.000 m	0.357 m	130.610 m	0.357 m	127.413 m	0.357 m	130.603 m	0.357 m	127.413 m
																				10.000 m	3.008 m	130.363 m	127.355 m	2.00474 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.85194 m	6.016 m	10.000 m	0.357 m	130.354 m	0.357 m	127.355 m	0.357 m	130.373 m	0.357 m	127.355 m
										20.000 m	2.675 m	129.973 m	127.298 m	1.76694 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.61415 m	5.347 m	10.000 m	0.357 m	129.985 m	0.357 m	127.298 m	0.357 m	129.958 m	0.357 m	127.298 m										
										30.000 m	2.248 m	129.489 m	127.240 m	1.46247 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.30967 m	4.497 m	10.000 m	0.357 m	129.486 m	0.357 m	127.240 m	0.357 m	129.492 m	0.357 m	127.240 m										
										33.480 m	2.224 m	129.444 m	127.220 m	1.44431 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.29151 m	4.446 m	3.480 m	0.357 m	129.444 m	0.357 m	127.220 m	0.357 m	129.443 m	0.357 m	127.220 m										
										PV-54	200 mm P.V.	29,721	0.100 m	0,714 m	Vertical	32,809	4,244	28,267	3,472	0.000 m	2.223 m	129.444 m	127.221 m	1.44473 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.29193 m	4.449 m	0.000 m	0.357 m	129.446 m	0.357 m	127.221 m	0.357 m	129.444 m	0.357 m	127.221 m
																				10.000 m	2.340 m	129.498 m	127.158 m	1.51020 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.35740 m	4.578 m	10.000 m	0.357 m	129.394 m	0.357 m	127.158 m	0.357 m	129.500 m	0.357 m	127.158 m
																				20.000 m	1.322 m	128.418 m	127.095 m	0.80146 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.64867 m	2.645 m	10.000 m	0.357 m	128.377 m	0.357 m	127.095 m	0.357 m	128.458 m	0.357 m	127.095 m
29.721 m	0.936 m	127.970 m	127.034 m	0.53089 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.37809 m	1.936 m											9.721 m	0.357 m	127.920 m	0.357 m	127.034 m	0.357 m	128.084 m	0.357 m	127.034 m										
PV-55	200 mm P.V.	33,743	0.100 m	0,714 m	Vertical	3,603	4,818	-1,553	3,942											0.000 m	0.936 m	127.970 m	127.034 m	0.53083 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.37804 m	1.936 m	0.000 m	0.357 m	127.920 m	0.357 m	127.034 m	0.357 m	128.084 m	0.357 m	127.034 m
																				10.000 m	0.279 m	127.260 m	126.981 m	0.05629 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.09651 m	0.558 m	10.000 m	0.357 m	127.178 m	0.357 m	126.981 m	0.357 m	127.342 m	0.357 m	126.981 m
																				20.000 m	-0.112 m	126.817 m	126.928 m	-0.06305 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.21584 m	0.223 m	10.000 m	0.357 m	126.788 m	0.357 m	126.928 m	0.357 m	126.846 m	0.357 m	126.928 m
																				30.000 m	-0.366 m	126.510 m	126.876 m	0.11154 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.04125 m	0.712 m	10.000 m	0.357 m	126.495 m	0.357 m	126.876 m	0.357 m	126.544 m	0.357 m	126.876 m
										33.743 m	-0.354 m	126.502 m	126.856 m	0.13333 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.01946 m	0.850 m	3.743 m	0.357 m	126.352 m	0.357 m	126.856 m	0.357 m	126.510 m	0.357 m	126.856 m										
										PV-56	200 mm P.V.	58,492	0.100 m	0,714 m	Vertical	1,965	8,353	-6,972	6,833	0.000 m	-0.354 m	126.502 m	126.856 m	0.14046 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.01234 m	0.898 m	0.000 m	0.357 m	126.303 m	0.357 m	126.856 m	0.357 m	126.511 m	0.357 m	126.856 m
																				10.000 m	-0.272 m	126.526 m	126.799 m	0.05153 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.10126 m	0.546 m	10.000 m	0.357 m	126.506 m	0.357 m	126.799 m	0.357 m	126.544 m	0.357 m	126.799 m
																				20.000 m	-0.156 m	126.585 m	126.741 m	-0.06941 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.22221 m	0.463 m	10.000 m	0.357 m	126.492 m	0.357 m	126.741 m	0.357 m	126.955 m	0.357 m	126.741 m
30.000 m	-0.184 m	126.499 m	126.684 m	-0.06777 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.22056 m	0.311 m											10.000 m	0.357 m	126.490 m	0.357 m	126.684 m	0.357 m	126.801 m	0.357 m	126.684 m										
40.000 m	0.134 m	126.760 m	126.626 m	-0.03322 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.18602 m	0.351 m											10.000 m	0.357 m	126.702 m	0.357 m	126.626 m	0.357 m	126.901 m	0.357 m	126.626 m										
50.000 m	0.423 m	126.992 m	126.569 m	0.15931 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.00651 m	0.846 m											10.000 m	0.357 m	126.987 m	0.357 m	126.569 m	0.357 m	126.996 m	0.357 m	126.569 m										
58.492 m	0.481 m	127.001 m	126.520 m	0.23046 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.07767 m	1.130 m											8.492 m	0.357 m	126.993 m	0.357 m	126.520 m	0.357 m	127.176 m	0.357 m	126.520 m										
PV-64	200 mm P.V.	59,928	0.100 m	0,714 m	Vertical	10,261	8,558	1,104	7,001											0.000 m	0.481 m	127.001 m	126.520 m	0.20278 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.04998 m	0.975 m	0.000 m	0.357 m	126.999 m	0.357 m	126.520 m	0.357 m	127.015 m	0.357 m	126.520 m
										10.000 m	0.041 m	126.503 m	126.462 m	-0.11323 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.26602 m	0.084 m	10.000 m	0.357 m	126.493 m	0.357 m	126.462 m	0.357 m	126.516 m	0.357 m	126.462 m										
										20.000 m	-0.411 m	125.993 m	126.405 m	0.15093 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.00187 m	0.823 m	10.000 m	0.357 m	125.992 m	0.357 m	126.405 m	0.357 m	125.995 m	0.357 m	126.405 m										
										30.000 m	-0.361 m	125.986 m	126.347 m	0.11528 m²	0.14280 m²	0.11683 m²	0.03597 m²	-0.03751 m	0.723 m	10.000 m	0.357 m	125.982 m	0.357 m	126.347 m	0.357 m	125.990 m	0.357 m	126.347 m										
										40.000 m	-0.748 m	125.542 m	126.290 m	0.39123 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.23843 m	1.496 m	10.000 m	0.357 m																	

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-66	200 mm PV	36,763 0.100 m	0,714 m	Vertical	29,856	5,25	24,239	4,295		30.000 m	0.493 m	126.496 m	126.003 m	0.20928 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.05648 m³	0.986 m	10.000 m	0.357 m	126.497 m	0.357 m	126.003 m	0.357 m	126.495 m	0.357 m	126.003 m
										40.000 m	1.093 m	127.038 m	125.945 m	0.63845 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.48566 m³	2.195 m	10.000 m	0.357 m	127.059 m	0.357 m	125.945 m	0.357 m	127.026 m	0.357 m	125.945 m
										50.000 m	1.603 m	127.491 m	125.888 m	1.00163 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.84883 m³	3.206 m	10.000 m	0.357 m	127.491 m	0.357 m	125.888 m	0.357 m	127.491 m	0.357 m	125.888 m
										56.593 m	1.646 m	127.496 m	125.850 m	1.03251 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.87972 m³	3.292 m	6.593 m	0.357 m	127.495 m	0.357 m	125.850 m	0.357 m	127.497 m	0.357 m	125.850 m
PV-66	200 mm PV	36,763 0.100 m	0,714 m	Vertical	29,856	5,25	24,239	4,295		0.000 m	1.646 m	127.496 m	125.850 m	1.03238 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.87958 m³	3.292 m	0.000 m	0.357 m	127.494 m	0.357 m	125.850 m	0.357 m	127.498 m	0.357 m	125.850 m
										10.000 m	1.374 m	127.166 m	125.793 m	0.83797 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.68517 m³	2.747 m	10.000 m	0.357 m	127.166 m	0.357 m	125.793 m	0.357 m	127.167 m	0.357 m	125.793 m
										20.000 m	1.277 m	127.012 m	125.735 m	0.76879 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.61600 m³	2.553 m	10.000 m	0.357 m	127.017 m	0.357 m	125.735 m	0.357 m	127.007 m	0.357 m	125.735 m
										30.000 m	1.259 m	126.937 m	125.678 m	0.75604 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.60324 m³	2.518 m	10.000 m	0.357 m	126.957 m	0.357 m	125.678 m	0.357 m	126.917 m	0.357 m	125.678 m
										36.763 m	1.149 m	126.787 m	125.639 m	0.67716 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.52437 m³	2.295 m	6.763 m	0.357 m	126.771 m	0.357 m	125.639 m	0.357 m	126.801 m	0.357 m	125.639 m
PV-67	200 mm PV	13,59 0.100 m	0,714 m	Vertical	7,86	1,941	5,783	1,588		0.000 m	1.148 m	126.787 m	125.639 m	0.67711 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.52432 m³	2.295 m	0.000 m	0.357 m	126.757 m	0.357 m	125.639 m	0.357 m	126.816 m	0.357 m	125.639 m
										10.000 m	0.927 m	126.508 m	125.582 m	0.51908 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.36629 m³	1.855 m	10.000 m	0.357 m	126.500 m	0.357 m	125.582 m	0.357 m	126.518 m	0.357 m	125.582 m
										13.590 m	0.939 m	126.500 m	125.561 m	0.52753 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.37474 m³	1.878 m	3.590 m	0.357 m	126.499 m	0.357 m	125.561 m	0.357 m	126.501 m	0.357 m	125.561 m
PV-68	200 mm PV	64,092 0.100 m	0,714 m	Vertical	65,248	9,152	55,455	7,488		0.000 m	0.939 m	126.500 m	125.561 m	0.52768 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.37488 m³	1.879 m	0.000 m	0.357 m	126.500 m	0.357 m	125.561 m	0.357 m	126.501 m	0.357 m	125.561 m
										10.000 m	1.091 m	126.595 m	125.504 m	0.63641 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.48362 m³	2.183 m	10.000 m	0.357 m	126.604 m	0.357 m	125.504 m	0.357 m	126.586 m	0.357 m	125.504 m
										20.000 m	1.194 m	126.641 m	125.447 m	0.71027 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.55747 m³	2.391 m	10.000 m	0.357 m	126.636 m	0.357 m	125.447 m	0.357 m	126.649 m	0.357 m	125.447 m
										30.000 m	1.607 m	126.997 m	125.390 m	1.00495 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.85216 m³	3.215 m	10.000 m	0.357 m	126.998 m	0.357 m	125.390 m	0.357 m	126.997 m	0.357 m	125.390 m
										40.000 m	1.799 m	127.132 m	125.333 m	1.14319 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.99040 m³	3.631 m	10.000 m	0.357 m	127.014 m	0.357 m	125.333 m	0.357 m	127.283 m	0.357 m	125.333 m
PV-71	200 mm PV	47,195 0.100 m	0,714 m	Vertical	51,796	6,739	44,585	5,514		50.000 m	2.155 m	127.430 m	125.276 m	1.38641 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.23362 m³	4.227 m	10.000 m	0.357 m	127.280 m	0.357 m	125.276 m	0.357 m	127.499 m	0.357 m	125.276 m
										60.000 m	2.318 m	127.537 m	125.219 m	1.51250 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.35970 m³	4.637 m	10.000 m	0.357 m	127.519 m	0.357 m	125.219 m	0.357 m	127.555 m	0.357 m	125.219 m
										64.092 m	2.349 m	127.545 m	125.196 m	1.53471 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.38191 m³	4.699 m	4.092 m	0.357 m	127.528 m	0.357 m	125.196 m	0.357 m	127.562 m	0.357 m	125.196 m
PV-71	200 mm PV	47,195 0.100 m	0,714 m	Vertical	51,796	6,739	44,585	5,514		0.000 m	2.350 m	127.545 m	125.195 m	1.53479 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.38199 m³	4.699 m	0.000 m	0.357 m	127.545 m	0.357 m	125.195 m	0.357 m	127.545 m	0.357 m	125.195 m
										10.000 m	2.078 m	127.212 m	125.134 m	1.33978 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.18698 m³	4.147 m	10.000 m	0.357 m	127.191 m	0.357 m	125.134 m	0.357 m	127.225 m	0.357 m	125.134 m
										20.000 m	1.515 m	126.588 m	125.073 m	0.94216 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.78937 m³	3.050 m	10.000 m	0.357 m	126.590 m	0.357 m	125.073 m	0.357 m	126.606 m	0.357 m	125.073 m
										30.000 m	1.631 m	126.643 m	125.012 m	1.02150 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.86871 m³	3.261 m	10.000 m	0.357 m	126.690 m	0.357 m	125.012 m	0.357 m	126.595 m	0.357 m	125.012 m
										40.000 m	1.551 m	126.501 m	124.951 m	0.96432 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.81152 m³	3.101 m	10.000 m	0.357 m	126.502 m	0.357 m	124.951 m	0.357 m	126.501 m	0.357 m	124.951 m
PV-72	200 mm PV	66,805 0.100 m	0,714 m	Vertical	75,614	9,54	65,407	7,805		47.195 m	1.296 m	126.203 m	124.907 m	0.77737 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.62457 m³	2.552 m	7.195 m	0.357 m	126.125 m	0.357 m	124.907 m	0.357 m	126.240 m	0.357 m	124.907 m
										10.000 m	1.772 m	126.623 m	124.851 m	1.12638 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.97358 m³	3.608 m	10.000 m	0.357 m	126.811 m	0.357 m	124.851 m	0.357 m	126.500 m	0.357 m	124.851 m
										20.000 m	1.705 m	126.501 m	124.796 m	1.07422 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.92142 m³	3.409 m	10.000 m	0.357 m	126.501 m	0.357 m	124.796 m	0.357 m	126.500 m	0.357 m	124.796 m
										30.000 m	1.811 m	126.552 m	124.741 m	1.16022 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.00743 m³	3.709 m	10.000 m	0.357 m	126.692 m	0.357 m	124.741 m	0.357 m	126.499 m	0.357 m	124.741 m
										40.000 m	1.809 m	126.494 m	124.686 m	1.14851 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.99572 m³	3.617 m	10.000 m	0.357 m	126.497 m	0.357 m	124.686 m	0.357 m	126.492 m	0.357 m	124.686 m
PV-88	250 mm PV	63,901 0.100 m	0,764 m	Vertical	98,975	9,764	86,086	9,391		50.000 m	1.865 m	126.495 m	124.630 m	1.18879 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.03599 m³	3.731 m	10.000 m	0.357 m	126.497 m	0.357 m	124.630 m	0.357 m	126.495 m	0.357 m	124.630 m
										60.000 m	1.935 m	126.510 m	124.575 m	1.23935 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.08656 m³	3.882 m	10.000 m	0.357 m	126.519 m	0.357 m	124.575 m	0			

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA m³	REAT, MEC	REAT, MAN,	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDEOS Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
										30.000 m	2.946 m	126.515 m	123.570 m	2.09867 m	0.15280 m	0.14696 m	0.05474 m	1.89698 m	5.903 m	10.000 m	0.382 m	126.543 m	0.382 m	123.570 m	0.382 m	126.499 m	0.382 m	123.570 m
										40.000 m	2.993 m	126.500 m	123.507 m	2.13349 m	0.15280 m	0.14696 m	0.05474 m	1.93179 m	5.985 m	10.000 m	0.382 m	126.500 m	0.382 m	123.507 m	0.382 m	126.500 m	0.382 m	123.507 m
										50.000 m	2.760 m	126.205 m	123.445 m	1.95695 m	0.15280 m	0.14696 m	0.05474 m	1.75525 m	5.527 m	10.000 m	0.382 m	126.199 m	0.382 m	123.445 m	0.382 m	126.218 m	0.382 m	123.445 m
										57.918 m	2.896 m	126.292 m	123.396 m	2.05969 m	0.15280 m	0.14696 m	0.05474 m	1.85800 m	5.792 m	7.918 m	0.382 m	126.283 m	0.382 m	123.396 m	0.382 m	126.301 m	0.382 m	123.396 m
PV-125	250 mm P/	8,809	0.100 m	0,764 m	Vertical	18,614	1,346	16,838	1,295	0.000 m	2.903 m	126.292 m	123.389 m	2.06527 m	0.15280 m	0.14696 m	0.05474 m	1.86357 m	5.806 m	0.000 m	0.382 m	126.288 m	0.382 m	123.389 m	0.382 m	126.295 m	0.382 m	123.389 m
										8.809 m	3.028 m	126.351 m	123.323 m	2.16094 m	0.15280 m	0.14696 m	0.05474 m	1.95924 m	6.057 m	8.809 m	0.382 m	126.363 m	0.382 m	123.323 m	0.382 m	126.340 m	0.382 m	123.323 m
PV-126	250 mm P/	54,266	0.100 m	0,764 m	Vertical	136,925	8,292	125,98	7,975	0.000 m	3.079 m	126.351 m	123.272 m	2.19961 m	0.15280 m	0.14696 m	0.05474 m	1.99792 m	6.158 m	0.000 m	0.382 m	126.329 m	0.382 m	123.272 m	0.382 m	126.373 m	0.382 m	123.272 m
										10.000 m	3.058 m	126.264 m	123.206 m	2.18324 m	0.15280 m	0.14696 m	0.05474 m	1.98155 m	6.115 m	10.000 m	0.382 m	126.258 m	0.382 m	123.206 m	0.382 m	126.270 m	0.382 m	123.206 m
										20.000 m	3.355 m	126.495 m	123.141 m	2.40804 m	0.15280 m	0.14696 m	0.05474 m	2.20634 m	6.696 m	10.000 m	0.382 m	126.477 m	0.382 m	123.141 m	0.382 m	126.499 m	0.382 m	123.141 m
										30.000 m	3.424 m	126.499 m	123.075 m	2.46312 m	0.15280 m	0.14696 m	0.05474 m	2.26142 m	6.845 m	10.000 m	0.382 m	126.490 m	0.382 m	123.075 m	0.382 m	126.505 m	0.382 m	123.075 m
										40.000 m	3.730 m	126.739 m	123.009 m	2.69733 m	0.15280 m	0.14696 m	0.05474 m	2.49563 m	7.462 m	10.000 m	0.382 m	126.726 m	0.382 m	123.009 m	0.382 m	126.754 m	0.382 m	123.009 m
										50.000 m	4.110 m	127.053 m	122.943 m	2.98771 m	0.15280 m	0.14696 m	0.05474 m	2.78601 m	8.223 m	10.000 m	0.382 m	127.036 m	0.382 m	122.943 m	0.382 m	127.073 m	0.382 m	122.943 m
										54.266 m	4.556 m	127.471 m	122.915 m	3.32819 m	0.15280 m	0.14696 m	0.05474 m	3.12649 m	9.112 m	4.266 m	0.382 m	127.443 m	0.382 m	122.915 m	0.382 m	127.499 m	0.382 m	122.915 m
PV-127	250 mm P/	43,313	0.100 m	0,764 m	Vertical	169,856	6,618	161,12	6,365	0.000 m	4.482 m	127.471 m	122.989 m	3.27142 m	0.15280 m	0.14696 m	0.05474 m	3.06972 m	8.963 m	0.000 m	0.382 m	127.443 m	0.382 m	122.989 m	0.382 m	127.499 m	0.382 m	122.989 m
										10.000 m	5.096 m	128.000 m	122.904 m	3.71726 m	0.15280 m	0.14696 m	0.05474 m	3.51556 m	10.053 m	10.000 m	0.382 m	127.861 m	0.382 m	122.904 m	0.382 m	128.000 m	0.382 m	122.904 m
										20.000 m	5.211 m	128.029 m	122.819 m	3.82304 m	0.15280 m	0.14696 m	0.05474 m	3.62134 m	10.387 m	10.000 m	0.382 m	128.002 m	0.382 m	122.819 m	0.382 m	128.022 m	0.382 m	122.819 m
										30.000 m	5.766 m	128.499 m	122.733 m	4.21990 m	0.15280 m	0.14696 m	0.05474 m	4.01821 m	11.369 m	10.000 m	0.382 m	128.503 m	0.382 m	122.733 m	0.382 m	128.332 m	0.382 m	122.733 m
										40.000 m	5.847 m	128.494 m	122.648 m	4.31394 m	0.15280 m	0.14696 m	0.05474 m	4.11225 m	11.692 m	10.000 m	0.382 m	128.497 m	0.382 m	122.648 m	0.382 m	128.491 m	0.382 m	122.648 m
										43.313 m	5.876 m	128.495 m	122.619 m	4.33624 m	0.15280 m	0.14696 m	0.05474 m	4.13455 m	11.751 m	3.313 m	0.382 m	128.499 m	0.382 m	122.619 m	0.382 m	128.491 m	0.382 m	122.619 m
PV-132	250 mm P/	34,207	0.100 m	0,764 m	Vertical	120,31	5,227	113,411	5,027	0.000 m	5.576 m	127.737 m	122.161 m	4.10853 m	0.15280 m	0.14696 m	0.05474 m	3.90683 m	11.159 m	0.000 m	0.382 m	127.754 m	0.382 m	122.161 m	0.382 m	127.726 m	0.382 m	122.161 m
										10.000 m	5.290 m	127.353 m	122.063 m	3.88878 m	0.15280 m	0.14696 m	0.05474 m	3.68708 m	10.580 m	10.000 m	0.382 m	127.349 m	0.382 m	122.063 m	0.382 m	127.358 m	0.382 m	122.063 m
										20.000 m	4.537 m	126.503 m	121.966 m	3.31480 m	0.15280 m	0.14696 m	0.05474 m	3.11310 m	9.086 m	10.000 m	0.382 m	126.500 m	0.382 m	121.966 m	0.382 m	126.518 m	0.382 m	121.966 m
										30.000 m	4.132 m	126.000 m	121.868 m	3.00391 m	0.15280 m	0.14696 m	0.05474 m	2.80221 m	8.264 m	10.000 m	0.382 m	126.000 m	0.382 m	121.868 m	0.382 m	126.000 m	0.382 m	121.868 m
										34.207 m	4.179 m	126.006 m	121.827 m	3.03996 m	0.15280 m	0.14696 m	0.05474 m	2.83826 m	8.358 m	4.207 m	0.382 m	126.001 m	0.382 m	121.827 m	0.382 m	126.011 m	0.382 m	121.827 m
PV-142	250 mm P/	53,277	0.100 m	0,764 m	Vertical	152,196	8,141	141,45	7,829	0.000 m	4.210 m	126.006 m	121.796 m	3.06401 m	0.15280 m	0.14696 m	0.05474 m	2.86231 m	8.421 m	0.000 m	0.382 m	126.001 m	0.382 m	121.796 m	0.382 m	126.011 m	0.382 m	121.796 m
										10.000 m	4.342 m	126.035 m	121.694 m	3.16415 m	0.15280 m	0.14696 m	0.05474 m	2.96246 m	8.683 m	10.000 m	0.382 m	126.003 m	0.382 m	121.694 m	0.382 m	126.068 m	0.382 m	121.694 m
										20.000 m	3.970 m	125.562 m	121.592 m	2.88029 m	0.15280 m	0.14696 m	0.05474 m	2.67860 m	7.940 m	10.000 m	0.382 m	125.546 m	0.382 m	121.592 m	0.382 m	125.578 m	0.382 m	121.592 m
										30.000 m	4.049 m	125.538 m	121.490 m	2.94037 m	0.15280 m	0.14696 m	0.05474 m	2.73867 m	8.097 m	10.000 m	0.382 m	125.527 m	0.382 m	121.490 m	0.382 m	125.549 m	0.382 m	121.490 m
										40.000 m	3.694 m	125.082 m	121.388 m	2.66965 m	0.15280 m	0.14696 m	0.05474 m	2.46795 m	7.389 m	10.000 m	0.382 m	125.065 m	0.382 m	121.388 m	0.382 m	125.099 m	0.382 m	121.388 m
										50.000 m	3.450 m	124.736 m	121.286 m	2.48403 m	0.15280 m	0.14696 m	0.05474 m	2.28234 m	6.905 m	10.000 m	0.382 m	124.768 m	0.382 m	121.286 m	0.382 m	124.708 m	0.382 m	121.286 m
										53.277 m	3.269 m	124.521 m	121.252 m	2.34471 m	0.15280 m	0.14696 m	0.05474 m	2.14301 m	6.539 m	3.277 m	0.382 m	124.533 m	0.382 m	121.252 m	0.382 m	124.511 m	0.382 m	121.252 m
PV-150	250 mm P/	17,627	0.100 m	0,764 m	Vertical	43,257	2,693	39,701	2,59	0.000 m	3.269 m	124.521 m	121.252 m	2.34726 m	0.15280 m	0.14696 m	0.05474 m	2.14557 m	6.553 m	0.000 m	0.382 m	124.551 m	0.382 m	121.252 m	0.382 m	124.506 m	0.382 m	121.252 m
										10.000 m	3.425 m	124.495 m	121.070 m	2.46423 m	0.15280 m	0.14696 m	0.05474 m	2.26253 m	6.851 m	10.000 m	0.382 m	124.498 m	0.382 m	121.070 m	0.382 m	124.493 m	0.382 m	121.070 m
										17.627 m	3.566 m	124.496 m	120.931 m	2.57007 m	0.15280 m	0.14696 m	0.05474 m	2.36837 m	7.121 m	7.627 m	0.382 m	124.497 m	0.382 m	120.931 m	0.382 m	124.486 m	0.382 m	120.931 m

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORA m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATAT O m²	AREAREAA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-1 - RECALQUE	150 mm Pv	342,832	0.100 m	0.660 m	Vertical	1979,149	45,254	1942,946	29,31	6,191.36170	0.000 m	0.728 m	124.373 m	123.645 m	0.34824 m³	0.13200 m³	0.08549 m³	0.02011 m³	0.24264 m³	1.455 m	0.000 m	0.330 m	124.361 m	0.330 m	123.645 m	0.330 m	124.385 m	0.330 m	123.645 m
											10.000 m	0.172 m	124.017 m	123.845 m	-0.01936 m³	0.13200 m³	0.08549 m³	0.02011 m³	-0.12496 m³	0.338 m	10.000 m	0.330 m	124.016 m	0.330 m	123.845 m	0.330 m	124.013 m	0.330 m	123.845 m
											20.000 m	3.126 m	127.172 m	124.046 m	1.93141 m³	0.13200 m³	0.08549 m³	0.02011 m³	1.82581 m³	6.253 m	10.000 m	0.330 m	127.227 m	0.330 m	124.046 m	0.330 m	127.117 m	0.330 m	124.046 m
											30.000 m	10.977 m	135.223 m	124.246 m	7.10920 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.00360 m³	21.930 m	10.000 m	0.330 m	135.346 m	0.330 m	124.246 m	0.330 m	135.076 m	0.330 m	124.246 m
											40.000 m	12.440 m	136.887 m	124.446 m	8.07871 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.97311 m³	24.881 m	10.000 m	0.330 m	136.821 m	0.330 m	124.446 m	0.330 m	136.952 m	0.330 m	124.446 m
											50.000 m	10.993 m	135.640 m	124.647 m	7.12367 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.01807 m³	21.987 m	10.000 m	0.330 m	135.746 m	0.330 m	124.647 m	0.330 m	135.534 m	0.330 m	124.647 m
											60.000 m	7.813 m	132.660 m	124.847 m	5.02458 m³	0.13200 m³	0.08549 m³	0.02011 m³	4.91898 m³	15.626 m	10.000 m	0.330 m	132.698 m	0.330 m	124.847 m	0.330 m	132.622 m	0.330 m	124.847 m
											70.000 m	8.438 m	133.485 m	125.047 m	5.43237 m³	0.13200 m³	0.08549 m³	0.02011 m³	5.32677 m³	16.861 m	10.000 m	0.330 m	133.566 m	0.330 m	125.047 m	0.330 m	133.390 m	0.330 m	125.047 m
											80.000 m	12.561 m	137.808 m	125.247 m	8.15799 m³	0.13200 m³	0.08549 m³	0.02011 m³	8.05239 m³	25.121 m	10.000 m	0.330 m	137.941 m	0.330 m	125.247 m	0.330 m	137.675 m	0.330 m	125.247 m
											90.000 m	13.051 m	138.498 m	125.448 m	8.52956 m³	0.13200 m³	0.08549 m³	0.02011 m³	8.42396 m³	26.336 m	10.000 m	0.330 m	139.020 m	0.330 m	125.448 m	0.330 m	138.212 m	0.330 m	125.448 m
											100.000 m	11.265 m	136.913 m	125.648 m	7.30298 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.19738 m³	22.530 m	10.000 m	0.330 m	136.935 m	0.330 m	125.648 m	0.330 m	136.891 m	0.330 m	125.648 m
											110.000 m	11.124 m	136.972 m	125.848 m	7.20890 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.10330 m³	22.235 m	10.000 m	0.330 m	136.931 m	0.330 m	125.848 m	0.330 m	137.000 m	0.330 m	125.848 m
											120.000 m	12.420 m	138.468 m	126.049 m	8.06327 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.95767 m³	24.820 m	10.000 m	0.330 m	138.516 m	0.330 m	126.049 m	0.330 m	138.402 m	0.330 m	126.049 m
											130.000 m	12.734 m	138.983 m	126.249 m	8.27252 m³	0.13200 m³	0.08549 m³	0.02011 m³	8.16692 m³	25.468 m	10.000 m	0.330 m	138.983 m	0.330 m	126.249 m	0.330 m	138.983 m	0.330 m	126.249 m
											140.000 m	6.762 m	133.211 m	126.449 m	4.33107 m³	0.13200 m³	0.08549 m³	0.02011 m³	4.22547 m³	13.524 m	10.000 m	0.330 m	133.259 m	0.330 m	126.449 m	0.330 m	133.163 m	0.330 m	126.449 m
											150.000 m	5.906 m	132.556 m	126.650 m	3.75672 m³	0.13200 m³	0.08549 m³	0.02011 m³	3.65112 m³	11.739 m	10.000 m	0.330 m	132.237 m	0.330 m	126.650 m	0.330 m	132.801 m	0.330 m	126.650 m
											160.000 m	9.823 m	136.673 m	126.850 m	6.35201 m³	0.13200 m³	0.08549 m³	0.02011 m³	6.24641 m³	19.653 m	10.000 m	0.330 m	136.506 m	0.330 m	126.850 m	0.330 m	136.846 m	0.330 m	126.850 m
											170.000 m	10.918 m	137.968 m	127.050 m	7.07249 m³	0.13200 m³	0.08549 m³	0.02011 m³	6.96689 m³	21.824 m	10.000 m	0.330 m	137.881 m	0.330 m	127.050 m	0.330 m	138.043 m	0.330 m	127.050 m
											180.000 m	12.196 m	139.446 m	127.250 m	7.91722 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.81162 m³	24.392 m	10.000 m	0.330 m	139.466 m	0.330 m	127.250 m	0.330 m	139.426 m	0.330 m	127.250 m
											190.000 m	12.639 m	140.089 m	127.451 m	8.20947 m³	0.13200 m³	0.08549 m³	0.02011 m³	8.10387 m³	25.277 m	10.000 m	0.330 m	140.015 m	0.330 m	127.451 m	0.330 m	140.164 m	0.330 m	127.451 m
											200.000 m	12.277 m	139.928 m	127.651 m	7.96173 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.85613 m³	24.427 m	10.000 m	0.330 m	139.987 m	0.330 m	127.651 m	0.330 m	139.742 m	0.330 m	127.651 m
											210.000 m	10.446 m	138.297 m	127.851 m	6.76102 m³	0.13200 m³	0.08549 m³	0.02011 m³	6.65542 m³	20.859 m	10.000 m	0.330 m	138.429 m	0.330 m	127.851 m	0.330 m	138.133 m	0.330 m	127.851 m
											220.000 m	1.760 m	129.811 m	128.052 m	2.40308 m³	0.13200 m³	0.08549 m³	0.02011 m³	2.29748 m³	14.729 m	10.000 m	0.330 m	137.056 m	0.330 m	128.052 m	0.330 m	133.776 m	0.330 m	128.052 m
											230.000 m	4.486 m	132.738 m	128.252 m	2.82899 m³	0.13200 m³	0.08549 m³	0.02011 m³	2.72339 m³	8.971 m	10.000 m	0.330 m	132.880 m	0.330 m	128.252 m	0.330 m	132.595 m	0.330 m	128.252 m
											240.000 m	3.855 m	132.307 m	128.452 m	2.41209 m³	0.13200 m³	0.08549 m³	0.02011 m³	2.30649 m³	7.709 m	10.000 m	0.330 m	132.459 m	0.330 m	128.452 m	0.330 m	132.155 m	0.330 m	128.452 m
											250.000 m	-0.147 m	128.506 m	128.653 m	-0.03473 m³	0.13200 m³	0.08549 m³	0.02011 m³	-0.14033 m³	0.297 m	10.000 m	0.330 m	128.502 m	0.330 m	128.653 m	0.330 m	128.506 m	0.330 m	128.653 m
											260.000 m	3.519 m	132.372 m	128.853 m	2.18073 m³	0.13200 m³	0.08549 m³	0.02011 m³	2.07513 m³	6.951 m	10.000 m	0.330 m	132.426 m	0.330 m	128.853 m	0.330 m	132.231 m	0.330 m	128.853 m
											270.000 m	9.141 m	138.194 m	129.053 m	5.90085 m³	0.13200 m³	0.08549 m³	0.02011 m³	5.79525 m³	18.281 m	10.000 m	0.330 m	138.139 m	0.330 m	129.053 m	0.330 m	138.249 m	0.330 m	129.053 m
											280.000 m	11.058 m	140.311 m	129.253 m	7.16606 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.06046 m³	22.115 m	10.000 m	0.330 m	140.376 m	0.330 m	129.253 m	0.330 m	140.246 m	0.330 m	129.253 m
											290.000 m	13.208 m	142.662 m	129.454 m	8.58551 m³	0.13200 m³	0.08549 m³	0.02011 m³	8.47991 m³	26.417 m	10.000 m	0.330 m	142.662 m	0.330 m	129.454 m	0.330 m	142.662 m	0.330 m	129.454 m
											300.000 m	11.904 m	141.558 m	129.654 m	7.70547 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.59987 m³	23.479 m	10.000 m	0.330 m	141.647 m	0.330 m	129.654 m	0.330 m	141.140 m	0.330 m	129.654 m
											310.000 m	11.153 m	141.007 m	129.854 m	7.22874 m³	0.13200 m³	0.08549 m³	0.02011 m³	7.12314 m³	22.308 m	10.000 m	0.330 m	141.031 m	0.330 m	129.854 m	0.330 m	140.985 m	0.330 m	129.854 m
											320.000 m	10.581 m	140.636 m	130.055 m	6.84182 m³	0.13200 m³	0.08549 m³	0.02011 m³	6.73622 m³	21.140 m	10.000 m	0.330 m	140.750 m	0.330 m	130.055 m	0.330 m	140.500 m	0.330 m	130.055 m
											330.000 m	9.441 m	139.696 m	130.255 m	6.08780 m³	0.13200 m³	0.08549 m³	0.02011 m³	5.98220 m³	17.956 m	10.000 m	0.330 m	139.908 m	0.330 m	130.255 m	0.330 m	138.557 m	0.330 m	130.255 m
											340.000 m	7.947 m	138.403 m	130.455 m	5.11055 m³	0.13200 m³	0.08549 m³	0.02011 m³	5.00495 m³	15.840 m	10.000 m	0.330 m	138.587 m	0.330 m	130.455 m	0.330 m	138.164 m	0.330 m	130.455 m
											342.832 m	6.382 m	136.894 m	130.512 m	4.08058 m³	0.13200 m³	0.08549 m³	0.02011 m³	3.97498 m³										

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORA m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATU O m²	AREARE TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DDIR m
											66,880 m	-0.720 m	127,292 m	128,012 m	0.34051 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.23491 m²	1.390 m	6,880 m	0.330 m	127,532 m	0.330 m	128,012 m	0.330 m	127,102 m	0.330 m	128,012 m
PV-11	150 mm Pv	59,893 0.100 m	0.660 m	Vertical	33,997	7,906	27,672	5,121 133.64601	0.000 m	-0.720 m	127,292 m	128,012 m	0.34058 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.23498 m²	1.385 m	0.000 m	0.330 m	127,550 m	0.330 m	128,012 m	0.330 m	127,090 m	0.330 m	128,012 m		
											10.000 m	0.459 m	128.390 m	127.930 m	0.17112 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.06552 m²	0.921 m	10.000 m	0.330 m	128.485 m	0.330 m	127.930 m	0.330 m	128.298 m	0.330 m	127.930 m
											20.000 m	0.182 m	128.031 m	127.848 m	-0.01162 m²	0.13200 m²	0.08549 m²	0.02011 m²	-0.11722 m²	0.365 m	10.000 m	0.330 m	127.946 m	0.330 m	127.848 m	0.330 m	128.116 m	0.330 m	127.848 m
											30.000 m	0.423 m	128.190 m	127.766 m	0.14511 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.03951 m²	0.827 m	10.000 m	0.330 m	128.088 m	0.330 m	127.766 m	0.330 m	128.271 m	0.330 m	127.766 m
											40.000 m	3.079 m	130.763 m	127.684 m	1.90007 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.79447 m²	6.158 m	10.000 m	0.330 m	130.642 m	0.330 m	127.684 m	0.330 m	130.885 m	0.330 m	127.684 m
											50.000 m	0.059 m	127.661 m	127.602 m	-0.09314 m²	0.13200 m²	0.08549 m²	0.02011 m²	-0.19874 m²	0.833 m	10.000 m	0.330 m	127.245 m	0.330 m	127.602 m	0.330 m	128.078 m	0.330 m	127.602 m
											59.893 m	3.625 m	131.146 m	127.521 m	2.25878 m²	0.13200 m²	0.08549 m²	0.02011 m²	2.15318 m²	7.223 m	9.893 m	0.330 m	131.342 m	0.330 m	127.521 m	0.330 m	130.924 m	0.330 m	127.521 m
											10.000 m	-2.099 m	125.340 m	127.439 m	1.24797 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.14237 m²	4.119 m	10.000 m	0.330 m	125.450 m	0.330 m	127.439 m	0.330 m	125.308 m	0.330 m	127.439 m
PV-12	150 mm Pv	43,74 0.100 m	0.660 m	Vertical	39,079	5,774	34,46	3,739 133.69214	0.000 m	3.625 m	131.146 m	127.521 m	2.25878 m²	0.13200 m²	0.08549 m²	0.02011 m²	2.15318 m²	7.222 m	0.000 m	0.330 m	131.345 m	0.330 m	127.521 m	0.330 m	130.920 m	0.330 m	127.521 m		
											10.000 m	-1.902 m	125.455 m	127.356 m	1.12317 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.01757 m²	3.804 m	10.000 m	0.330 m	125.607 m	0.330 m	127.356 m	0.330 m	125.302 m	0.330 m	127.356 m
											30.000 m	-0.432 m	126.841 m	127.274 m	0.15339 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.04779 m²	0.865 m	10.000 m	0.330 m	126.777 m	0.330 m	127.274 m	0.330 m	126.906 m	0.330 m	127.274 m
											40.000 m	-0.463 m	126.728 m	127.191 m	0.17192 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.06632 m²	0.912 m	10.000 m	0.330 m	126.718 m	0.330 m	127.191 m	0.330 m	126.753 m	0.330 m	127.191 m
											43.740 m	-1.499 m	125.661 m	127.161 m	0.72674 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.62114 m²	1.841 m	3.740 m	0.330 m	126.307 m	0.330 m	127.161 m	0.330 m	126.173 m	0.330 m	127.161 m
											10.000 m	-1.578 m	125.500 m	127.078 m	0.90943 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.80383 m²	3.156 m	10.000 m	0.330 m	125.500 m	0.330 m	127.078 m	0.330 m	125.500 m	0.330 m	127.078 m
											20.000 m	-1.008 m	125.987 m	126.995 m	0.53343 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.42783 m²	2.017 m	10.000 m	0.330 m	125.990 m	0.330 m	126.995 m	0.330 m	125.984 m	0.330 m	126.995 m
											30.000 m	-1.048 m	125.865 m	126.913 m	0.55949 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.45389 m²	2.095 m	10.000 m	0.330 m	125.831 m	0.330 m	126.913 m	0.330 m	125.900 m	0.330 m	126.913 m
PV-13	150 mm Pv	56,198 0.100 m	0.660 m	Vertical	33,298	7,418	27,363	4,805 119.72869	0.000 m	-1.499 m	125.661 m	127.160 m	0.58432 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.47872 m²	1.241 m	0.000 m	0.330 m	126.595 m	0.330 m	127.160 m	0.330 m	126.485 m	0.330 m	127.160 m		
											10.000 m	-1.578 m	125.500 m	127.078 m	0.90943 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.80383 m²	3.156 m	10.000 m	0.330 m	125.500 m	0.330 m	127.078 m	0.330 m	125.500 m	0.330 m	127.078 m
											20.000 m	-1.008 m	125.987 m	126.995 m	0.53343 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.42783 m²	2.017 m	10.000 m	0.330 m	125.990 m	0.330 m	126.995 m	0.330 m	125.984 m	0.330 m	126.995 m
											30.000 m	-1.048 m	125.865 m	126.913 m	0.55949 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.45389 m²	2.095 m	10.000 m	0.330 m	125.831 m	0.330 m	126.913 m	0.330 m	125.900 m	0.330 m	126.913 m
											40.000 m	-1.545 m	125.285 m	126.830 m	0.88193 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.77633 m²	3.050 m	10.000 m	0.330 m	125.235 m	0.330 m	126.830 m	0.330 m	125.375 m	0.330 m	126.830 m
											50.000 m	-0.279 m	126.469 m	126.748 m	0.05240 m²	0.13200 m²	0.08549 m²	0.02011 m²	-0.05320 m²	0.559 m	10.000 m	0.330 m	126.442 m	0.330 m	126.748 m	0.330 m	126.495 m	0.330 m	126.748 m
											56.198 m	-0.719 m	125.978 m	126.697 m	0.35792 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.25232 m²	1.880 m	6.198 m	0.330 m	125.578 m	0.330 m	126.697 m	0.330 m	125.936 m	0.330 m	126.697 m
											10.000 m	-0.719 m	125.978 m	126.697 m	0.34243 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.23683 m²	1.624 m	0.000 m	0.330 m	125.490 m	0.330 m	126.697 m	0.330 m	126.279 m	0.330 m	126.697 m
PV-14	150 mm Pv	65,733 0.100 m	0.660 m	Vertical	23,584	8,677	16,643	5,62 97.42032	n 0.000 m	-0.719 m	125.978 m	126.697 m	0.34243 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.23683 m²	1.624 m	0.000 m	0.330 m	125.490 m	0.330 m	126.697 m	0.330 m	126.279 m	0.330 m	126.697 m		
											10.000 m	-2.372 m	124.242 m	126.614 m	1.43238 m²	0.13200 m²	0.08549 m²	0.02011 m²	1.32678 m²	4.734 m	10.000 m	0.330 m	124.263 m	0.330 m	126.614 m	0.330 m	124.231 m	0.330 m	126.614 m
											20.000 m	0.099 m	126.631 m	126.532 m	-0.06642 m²	0.13200 m²	0.08549 m²	0.02011 m²	-0.17202 m²	0.283 m	10.000 m	0.330 m	126.773 m	0.330 m	126.532 m	0.330 m	126.489 m	0.330 m	126.532 m
											30.000 m	0.399 m	126.848 m	126.449 m	0.10886 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.00326 m²	0.526 m	10.000 m	0.330 m	126.880 m	0.330 m	126.449 m	0.330 m	126.545 m	0.330 m	126.449 m
											40.000 m	0.640 m	127.007 m	126.367 m	0.29039 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.18479 m²	1.279 m	10.000 m	0.330 m	127.006 m	0.330 m	126.367 m	0.330 m	127.007 m	0.330 m	126.367 m
											50.000 m	0.702 m	126.986 m	126.284 m	0.33144 m²	0.13200 m²	0.08549 m²	0.02011 m²	0.22584 m²	1.404 m	10.000 m	0.330 m	126.992 m	0.330 m	126.284 m	0.330 m	126.981 m	0.330 m	126.284 m
											60.000 m	0.330 m	126.531 m	126.202 m	0.08547 m²	0.13200 m²	0.08549 m²	0.02011 m²	-0.02013 m²	0.658 m	10.000 m	0.330 m	126.527 m	0.330 m	126.202 m	0.330 m	126.534 m	0.330 m	126.202 m
											65.733 m	0.323 m	126.478 m	126.154 m	0.08133 m²	0.13200 m²	0.08549 m²	0.02011 m²	-0.02427 m²	0.646 m	5.733 m	0.330 m	126.470 m	0.330 m	126.154 m	0.330 m	126.485 m	0.330 m	126.154 m
PV-15	150 mm Pv	73,949 0.100 m	0.660 m	Vertical	22,294	9,761	14,485	6,322 97.54145	n 0.000 m	0.323 m	126.478 m	126.154 m	0.08151 m²	0.13200 m²	0.08549 m²	0.02011 m²	-0.02409 m²	0.647 m	0.000 m	0.330 m	126.470 m	0.330 m	126.154 m	0.330 m	126.485 m	0.330 m	126.154 m		
											10.000 m	0.428 m	126.501 m	126.073 m	0.15038 m²	0.13200 m²	0.08549 m²	0.0											

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORA m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESCC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m	
											20.000 m	0.801 m	125.004 m	124.202 m	0.43221 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.27941 m²	1.622 m	10.000 m	0.357 m	125.027 m	0.357 m	124.202 m	0.357 m	125.000 m	0.357 m	124.202 m	
											30.000 m	0.960 m	125.075 m	124.115 m	0.54270 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.38991 m²	1.920 m	10.000 m	0.357 m	125.087 m	0.357 m	124.115 m	0.357 m	125.062 m	0.357 m	124.115 m	
											40.000 m	1.810 m	125.837 m	124.027 m	1.14952 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.99672 m²	3.620 m	10.000 m	0.357 m	125.826 m	0.357 m	124.027 m	0.357 m	125.047 m	0.357 m	124.027 m	
											50.000 m	1.992 m	125.931 m	123.939 m	1.27984 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.12704 m²	3.985 m	10.000 m	0.357 m	125.929 m	0.357 m	123.939 m	0.357 m	125.934 m	0.357 m	123.939 m	
											56.905 m	2.130 m	126.008 m	123.878 m	1.37933 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.22654 m²	4.270 m	6.905 m	0.357 m	126.022 m	0.357 m	123.878 m	0.357 m	126.004 m	0.357 m	123.878 m	
PV-29	PVC 200mr	13,815	0.100 m	0.714 m	Vertical	21,455	1,973	19,344	1,614	65.78857	0.000 m	2.126 m	126.008 m	123.883 m	1.37655 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.22376 m²	4.263 m	0.000 m	0.357 m	126.024 m	0.357 m	123.883 m	0.357 m	126.005 m	0.357 m	123.883 m	
											10.000 m	2.583 m	126.386 m	123.803 m	1.70156 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.54876 m²	5.166 m	10.000 m	0.357 m	126.311 m	0.357 m	123.803 m	0.357 m	126.462 m	0.357 m	123.803 m	
											13.815 m	2.238 m	126.011 m	123.773 m	1.47781 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.32502 m²	4.607 m	3.815 m	0.357 m	126.020 m	0.357 m	123.773 m	0.357 m	126.132 m	0.357 m	123.773 m	
PV-30	PVC 200mr	61,164	0.100 m	0.714 m	Vertical	138,131	8,734	128,786	7,146	412.08908	0.000 m	2.238 m	126.011 m	123.772 m	1.49106 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.33826 m²	4.671 m	0.000 m	0.357 m	126.031 m	0.357 m	123.772 m	0.357 m	126.184 m	0.357 m	123.772 m	
											10.000 m	2.332 m	126.021 m	123.689 m	1.52257 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.36977 m²	4.465 m	10.000 m	0.357 m	126.043 m	0.357 m	123.689 m	0.357 m	125.999 m	0.357 m	123.689 m	
											20.000 m	2.149 m	125.754 m	123.605 m	1.39150 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.23871 m²	4.298 m	10.000 m	0.357 m	125.766 m	0.357 m	123.605 m	0.357 m	125.742 m	0.357 m	123.605 m	
											30.000 m	1.995 m	125.516 m	123.521 m	1.28579 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.13299 m²	4.025 m	10.000 m	0.357 m	125.567 m	0.357 m	123.521 m	0.357 m	125.500 m	0.357 m	123.521 m	
											40.000 m	5.278 m	128.715 m	123.437 m	3.62564 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.47284 m²	10.556 m	10.000 m	0.357 m	128.751 m	0.357 m	123.437 m	0.357 m	128.679 m	0.357 m	123.437 m	
											50.000 m	5.519 m	128.873 m	123.354 m	3.79782 m²	0.14280 m²	0.11683 m²	0.03597 m²	3.64502 m²	11.038 m	10.000 m	0.357 m	128.858 m	0.357 m	123.354 m	0.357 m	128.888 m	0.357 m	123.354 m	
											60.000 m	3.482 m	126.753 m	123.270 m	2.34365 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.19085 m²	6.965 m	10.000 m	0.357 m	126.735 m	0.357 m	123.270 m	0.357 m	126.770 m	0.357 m	123.270 m	
											61.164 m	3.476 m	126.736 m	123.260 m	2.33913 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.18633 m²	6.952 m	1.164 m	0.357 m	126.727 m	0.357 m	123.260 m	0.357 m	126.745 m	0.357 m	123.260 m	
PV-31	PVC 200mr	59,908	0.100 m	0.714 m	Vertical	88,061	8,555	78,907	6,999	270.64910	0.000 m	3.477 m	126.736 m	123.260 m	2.33955 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.18675 m²	6.953 m	0.000 m	0.357 m	126.727 m	0.357 m	123.260 m	0.357 m	126.745 m	0.357 m	123.260 m	
											10.000 m	2.752 m	125.928 m	123.176 m	1.82193 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.66913 m²	5.503 m	10.000 m	0.357 m	125.913 m	0.357 m	123.176 m	0.357 m	125.943 m	0.357 m	123.176 m	
											20.000 m	2.195 m	125.288 m	123.092 m	1.42470 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.27191 m²	4.391 m	10.000 m	0.357 m	125.340 m	0.357 m	123.092 m	0.357 m	125.235 m	0.357 m	123.092 m	
											30.000 m	1.991 m	125.000 m	123.009 m	1.27901 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.12622 m²	3.983 m	10.000 m	0.357 m	125.000 m	0.357 m	123.009 m	0.357 m	125.000 m	0.357 m	123.009 m	
											40.000 m	1.718 m	124.643 m	122.925 m	1.08355 m²	0.14280 m²	0.11683 m²	0.03597 m²	0.93075 m²	3.435 m	10.000 m	0.357 m	124.687 m	0.357 m	122.925 m	0.357 m	124.598 m	0.357 m	122.925 m	
											50.000 m	2.134 m	124.975 m	122.841 m	1.38065 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.22785 m²	4.268 m	10.000 m	0.357 m	124.980 m	0.357 m	122.841 m	0.357 m	124.971 m	0.357 m	122.841 m	
											59.908 m	2.046 m	124.804 m	122.758 m	1.31786 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.16507 m²	4.093 m	9.908 m	0.357 m	124.843 m	0.357 m	122.758 m	0.357 m	124.767 m	0.357 m	122.758 m	
PV-32	PVC 200mr	60,019	0.100 m	0.714 m	Vertical	119,881	8,571	110,711	7,012	359.93954	0.000 m	2.046 m	124.804 m	122.758 m	1.31804 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.16524 m²	4.093 m	0.000 m	0.357 m	124.844 m	0.357 m	122.758 m	0.357 m	124.766 m	0.357 m	122.758 m	
											10.000 m	2.201 m	124.900 m	122.699 m	1.42882 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.27602 m²	4.407 m	10.000 m	0.357 m	124.907 m	0.357 m	122.699 m	0.357 m	124.899 m	0.357 m	122.699 m	
											20.000 m	2.372 m	125.013 m	122.640 m	1.55269 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.39989 m²	4.763 m	10.000 m	0.357 m	125.044 m	0.357 m	122.640 m	0.357 m	125.000 m	0.357 m	122.640 m	
											30.000 m	2.806 m	125.387 m	122.582 m	1.86098 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.70819 m²	5.607 m	10.000 m	0.357 m	125.395 m	0.357 m	122.582 m	0.357 m	125.374 m	0.357 m	122.582 m	
											40.000 m	3.501 m	126.024 m	122.523 m	2.35682 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.20402 m²	7.002 m	10.000 m	0.357 m	126.034 m	0.357 m	122.523 m	0.357 m	126.013 m	0.357 m	122.523 m	
											50.000 m	4.029 m	126.493 m	122.464 m	2.73401 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.58121 m²	8.058 m	10.000 m	0.357 m	126.493 m	0.357 m	122.464 m	0.357 m	126.493 m	0.357 m	122.464 m	
											60.000 m	4.095 m	126.501 m	122.405 m	2.78117 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.62838 m²	8.190 m	10.000 m	0.357 m	126.501 m	0.357 m	122.405 m	0.357 m	126.500 m	0.357 m	122.405 m	
											60.019 m	4.095 m	126.501 m	122.405 m	2.78125 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.62845 m²	8.190 m	0.019 m	0.357 m	126.501 m	0.357 m	122.405 m	0.357 m	126.500 m	0.357 m	122.405 m	
PV-33	PVC 200mr	34,664	0.100 m	0.714 m	Vertical	67,759	4,95	62,463	4,05	205.48503	0.000 m	4.095 m	126.501 m	122.405 m	2.78109 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.62829 m²	8.190 m	0.000 m	0.357 m	126.501 m	0.357 m	122.405 m	0.357 m	126.500 m	0.357 m	122.405 m	
											10.000 m	2.798 m	125.121 m	122.322 m	1.85990 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.70711 m²	5.705 m	10.000 m	0.357 m	125.276 m	0.357 m	122.322 m	0.357 m	125.074 m	0.357 m	122.322 m	
											20.000 m	2.758 m	124.998 m	122.239 m	1.82943 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.67663 m²	5.535 m	10.000 m	0.357 m	124.952 m	0.357 m	122.239 m	0.357 m	125.062 m	0.357 m	122.239 m	
											30.000 m	2.547 m	124.704 m	122.156 m	1.70120 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.54841 m²	5.248 m	10.000 m	0.357 m	124.669 m	0.357 m	122.156 m	0.357 m	124.891 m	0.357 m	122.156 m	
											34.664 m	2.883 m	125.000 m	122.118 m	1.92447 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.77167 m²	5.857 m	4.664 m	0.357 m	125.374 m	0.357 m	122.118 m	0.357 m	124.718 m	0.357 m	122.118 m	
PV-34	PVC 200mr	20,88	0.100 m	0.714 m	Vertical	42,099	2,982	38,909	2,439	126.47006	0.000 m	2.883 m	125.000 m	122.118 m	1.91836 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.76557 m²	5.810 m	0.000 m	0.357 m	125.389 m	0.357 m	122.118 m	0.357 m	124.656 m	0.357 m	122.118 m	
											10.000 m	2.629 m	124.684 m	122.055 m	1.73421 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.58142 m²	5.258 m	10.000 m	0.357 m	124.298 m	0.357 m	122.055 m	0.357 m	125.070 m	0.357 m	122.055 m	
											20.000 m	3.801 m	125.793 m	121.992 m	2.57087 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.41808 m²	7.601 m	10.000 m	0.357 m	125.612 m	0.357 m	121.992 m	0.357 m	125.974 m	0.357 m	121.992 m	
											20.880 m	3.951 m	125.938 m	121.987 m	2.68416 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.53137 m²	7.948 m	0.880 m	0.357 m	125.919 m	0.357 m	121.987 m	0.357 m	126.002 m	0.357 m	121.987 m	
PV-35	PVC 200mr	55,012	0.100 m	0.714 m	Vertical	150,652	7,856	142,246	6,427	442.30800	0.000 m	4.006 m	125.938 m	121.932 m	2.73023 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.57743 m²	8.098 m	0.000 m	0.357 m	125.762 m	0.357 m	121.932 m	0.357 m	126.201 m	0.357 m	121.932 m	
											10.000 m	4.553 m	126.416 m	121.863 m	3.09469 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.94189 m²	8.989 m	10.000 m	0.357 m	126.468 m	0.357 m	121.863 m	0.357 m	126.248 m	0.357 m	121.863 m	
											20.000 m	3.888 m	125.682 m	121.794 m	2.63315 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.48036 m²	7.776 m	10.000 m	0.357 m	125.712 m	0.357 m	121.794 m	0.357 m	125.652 m	0.357 m	121.794 m	
											30.000 m	3.934 m	125.659 m	121.725 m	2.66583 m²	0.14280 m²	0.11683 m²													

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC. MEC. m³	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORA m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHUTU BO m²	AREATUT O m²	AREAREAA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-39	PVC 200mr	36,258 0.100 m	0.714 m	Vertical	73,197	5,178	67,656	4,236	219.53562	0.000 m	20.000 m	3.794 m	125.017 m	121.223 m	2.56613 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.41333 m²	7.588 m	10.000 m	0.357 m	125.018 m	0.357 m	121.223 m	0.357 m	125.015 m	0.357 m	121.223 m
											30.000 m	3.692 m	124.838 m	121.147 m	2.49302 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.34023 m²	7.383 m	10.000 m	0.357 m	124.854 m	0.357 m	121.147 m	0.357 m	124.823 m	0.357 m	121.147 m
											34.428 m	3.569 m	124.682 m	121.113 m	2.40543 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.25263 m²	7.138 m	4.428 m	0.357 m	124.697 m	0.357 m	121.113 m	0.357 m	124.668 m	0.357 m	121.113 m
											0.000 m	3.569 m	124.682 m	121.113 m	2.40527 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.25247 m²	7.137 m	0.000 m	0.357 m	124.698 m	0.357 m	121.113 m	0.357 m	124.666 m	0.357 m	121.113 m
											10.000 m	3.221 m	124.255 m	121.033 m	2.15729 m²	0.14280 m²	0.11683 m²	0.03597 m²	2.00450 m²	6.443 m	10.000 m	0.357 m	124.275 m	0.357 m	121.033 m	0.357 m	124.235 m	0.357 m	121.033 m
											20.000 m	3.043 m	123.996 m	120.953 m	2.02960 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.87680 m²	6.085 m	10.000 m	0.357 m	123.997 m	0.357 m	120.953 m	0.357 m	123.995 m	0.357 m	120.953 m
											30.000 m	2.669 m	123.542 m	120.873 m	1.76259 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.60979 m²	5.337 m	10.000 m	0.357 m	123.557 m	0.357 m	120.873 m	0.357 m	123.527 m	0.357 m	120.873 m
											36.258 m	2.426 m	123.249 m	120.823 m	1.58940 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.43660 m²	4.852 m	6.258 m	0.357 m	123.279 m	0.357 m	120.823 m	0.357 m	123.220 m	0.357 m	120.823 m
											0.000 m	2.427 m	123.249 m	120.822 m	1.59029 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.43749 m²	4.855 m	0.000 m	0.357 m	123.286 m	0.357 m	120.822 m	0.357 m	123.213 m	0.357 m	120.822 m
											10.000 m	2.326 m	123.066 m	120.740 m	1.51882 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.36603 m²	4.658 m	10.000 m	0.357 m	123.135 m	0.357 m	120.740 m	0.357 m	123.003 m	0.357 m	120.740 m
PV-40	PVC 200mr	17,873 0.100 m	0.714 m	Vertical	28,28	2,552	25,549	2,088	86.39766	n 0.000 m	10.000 m	2.604 m	123.279 m	120.675 m	1.71629 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.56349 m²	5.208 m	7.873 m	0.357 m	123.225 m	0.357 m	120.675 m	0.357 m	123.334 m	0.357 m	120.675 m
											17.873 m	2.604 m	123.279 m	120.675 m	1.71629 m²	0.14280 m²	0.11683 m²	0.03597 m²	1.56349 m²	5.208 m	7.873 m	0.357 m	123.225 m	0.357 m	120.675 m	0.357 m	123.334 m	0.357 m	120.675 m
											0.000 m	2.604 m	123.279 m	120.675 m	1.83651 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.63481 m²	5.208 m	0.000 m	0.382 m	123.221 m	0.382 m	120.675 m	0.382 m	123.338 m	0.382 m	120.675 m
											10.000 m	2.503 m	123.097 m	120.593 m	1.75974 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.55805 m²	5.007 m	10.000 m	0.382 m	122.965 m	0.382 m	120.593 m	0.382 m	123.228 m	0.382 m	120.593 m
											20.000 m	2.937 m	123.448 m	120.511 m	2.08195 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.88025 m²	5.781 m	10.000 m	0.382 m	123.448 m	0.382 m	120.511 m	0.382 m	123.355 m	0.382 m	120.511 m
											30.000 m	2.098 m	122.527 m	120.429 m	1.45036 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.24866 m²	4.197 m	10.000 m	0.382 m	122.532 m	0.382 m	120.429 m	0.382 m	122.523 m	0.382 m	120.429 m
											40.000 m	2.088 m	122.435 m	120.347 m	1.52646 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.32476 m²	4.649 m	10.000 m	0.382 m	122.287 m	0.382 m	120.347 m	0.382 m	123.055 m	0.382 m	120.347 m
											47.487 m	2.820 m	123.106 m	120.285 m	2.48804 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.28634 m²	7.082 m	7.487 m	0.382 m	124.437 m	0.382 m	120.285 m	0.382 m	123.216 m	0.382 m	120.285 m
											0.000 m	2.820 m	123.106 m	120.285 m	2.48804 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.28635 m²	7.079 m	0.000 m	0.382 m	124.437 m	0.382 m	120.285 m	0.382 m	123.213 m	0.382 m	120.285 m
											10.000 m	2.248 m	122.451 m	120.202 m	1.85794 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.65624 m²	5.627 m	10.000 m	0.382 m	122.662 m	0.382 m	120.202 m	0.382 m	123.370 m	0.382 m	120.202 m
PV-51	PVC 250 m	60 0.100 m	0.764 m	Vertical	127,147	9,168	115,045	8,817	362.23351	0.000 m	20.000 m	2.649 m	122.769 m	120.119 m	1.87084 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.66914 m²	5.291 m	10.000 m	0.382 m	122.897 m	0.382 m	120.119 m	0.382 m	122.632 m	0.382 m	120.119 m
											30.000 m	2.784 m	122.821 m	120.036 m	1.97756 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.77587 m²	5.614 m	10.000 m	0.382 m	122.771 m	0.382 m	120.036 m	0.382 m	122.916 m	0.382 m	120.036 m
											40.000 m	2.891 m	122.844 m	119.953 m	2.06067 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.85897 m²	5.814 m	10.000 m	0.382 m	122.806 m	0.382 m	119.953 m	0.382 m	122.914 m	0.382 m	119.953 m
											50.000 m	3.461 m	123.331 m	119.870 m	2.49568 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.29398 m²	6.976 m	10.000 m	0.382 m	123.397 m	0.382 m	119.870 m	0.382 m	123.320 m	0.382 m	119.870 m
											60.000 m	3.362 m	123.150 m	119.787 m	2.41598 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.21429 m²	6.725 m	10.000 m	0.382 m	123.193 m	0.382 m	119.787 m	0.382 m	123.106 m	0.382 m	119.787 m
											60.000 m	3.362 m	123.150 m	119.787 m	2.41598 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.21429 m²	6.725 m	0.000 m	0.382 m	123.193 m	0.382 m	119.787 m	0.382 m	123.106 m	0.382 m	119.787 m
											0.000 m	3.362 m	123.150 m	119.787 m	2.41597 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.21428 m²	6.725 m	0.000 m	0.382 m	123.193 m	0.382 m	119.787 m	0.382 m	123.106 m	0.382 m	119.787 m
											10.000 m	3.227 m	122.933 m	119.706 m	2.31284 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.11114 m²	6.455 m	10.000 m	0.382 m	122.913 m	0.382 m	119.706 m	0.382 m	122.954 m	0.382 m	119.706 m
											20.000 m	2.875 m	122.500 m	119.625 m	2.04378 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.84209 m²	5.750 m	10.000 m	0.382 m	122.500 m	0.382 m	119.625 m	0.382 m	122.500 m	0.382 m	119.625 m
											30.000 m	2.956 m	122.499 m	119.543 m	2.10557 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.90387 m²	5.912 m	10.000 m	0.382 m	122.499 m	0.382 m	119.543 m	0.382 m	122.500 m	0.382 m	119.543 m
PV-52	PVC 250 m	60 0.100 m	0.764 m	Vertical	132,962	9,168	120,86	8,817	366.28419	0.000 m	40.000 m	2.937 m	122.400 m	119.462 m	2.09144 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.88974 m²	5.875 m	10.000 m	0.382 m	122.419 m	0.382 m	119.462 m	0.382 m	122.381 m	0.382 m	119.462 m
											50.000 m	4.048 m	123.429 m	119.381 m	2.71821 m²	0.15280 m²	0.14696 m²	0.05474 m²	2.51651 m²	6.935 m	10.000 m	0.382 m	123.134 m	0.382 m	119.381 m	0.382 m	122.563 m	0.382 m	119.381 m
											60.000 m	2.336 m	121.635 m	119.300 m	1.63272 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.43103 m²	4.678 m	10.000 m	0.382 m	121.641 m	0.382 m	119.300 m	0.382 m	121.637 m	0.382 m	119.300 m
											60.000 m	2.336 m	121.635 m	119.300 m	1.63272 m²	0.15280 m²	0.14696 m²	0.05474 m²	1.43103 m²	4.678 m	0.000 m	0.382 m	121.641 m	0.382 m	119.300 m	0.382 m	121.637 m	0.382 m	119.300 m
											0.000 m	2.341 m	121.635 m	119.294 m	1.63675 m²	0.15280 m²													

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC, MEC,	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORR m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-1 - REC/PVC 200mr	PVC 200mr	178,874	0.100 m	0.714 m	Vertical	459,871	25,543	432,54	20,897	1,358.7061	0.000 m	-5.041 m	118.892 m	123.933 m	3.45626 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.30346 m³	10.081 m	0.000 m	0.357 m	118.991 m	0.357 m	123.933 m	0.357 m	118.792 m	0.357 m	123.933 m
											10.000 m	-1.195 m	122.685 m	123.880 m	0.71079 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.55800 m³	2.419 m	10.000 m	0.357 m	122.802 m	0.357 m	123.880 m	0.357 m	122.538 m	0.357 m	123.880 m
											20.000 m	-3.436 m	120.391 m	123.827 m	2.31011 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.15732 m³	6.862 m	10.000 m	0.357 m	120.210 m	0.357 m	123.827 m	0.357 m	120.582 m	0.357 m	123.827 m
											30.000 m	-5.577 m	118.197 m	123.774 m	3.84071 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.68791 m³	11.168 m	10.000 m	0.357 m	118.164 m	0.357 m	123.774 m	0.357 m	118.216 m	0.357 m	123.774 m
											40.000 m	-5.274 m	118.447 m	123.721 m	3.61606 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.46327 m³	10.487 m	10.000 m	0.357 m	118.509 m	0.357 m	123.721 m	0.357 m	118.446 m	0.357 m	123.721 m
											50.000 m	-5.315 m	118.353 m	123.668 m	3.65159 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.49880 m³	10.603 m	10.000 m	0.357 m	118.554 m	0.357 m	123.668 m	0.357 m	118.179 m	0.357 m	123.668 m
											60.000 m	-3.504 m	120.112 m	123.615 m	2.35872 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.20592 m³	7.007 m	10.000 m	0.357 m	120.158 m	0.357 m	123.615 m	0.357 m	120.065 m	0.357 m	123.615 m
											70.000 m	-5.298 m	118.265 m	123.562 m	3.63987 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.48708 m³	10.599 m	10.000 m	0.357 m	118.277 m	0.357 m	123.562 m	0.357 m	118.248 m	0.357 m	123.562 m
											80.000 m	-5.978 m	117.531 m	123.509 m	4.12290 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.97010 m³	11.932 m	10.000 m	0.357 m	117.527 m	0.357 m	123.509 m	0.357 m	117.559 m	0.357 m	123.509 m
											90.000 m	-5.942 m	117.515 m	123.456 m	4.08902 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.93622 m³	11.806 m	10.000 m	0.357 m	117.604 m	0.357 m	123.456 m	0.357 m	117.503 m	0.357 m	123.456 m
											100.000 m	-4.915 m	118.488 m	123.404 m	3.36674 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.21395 m³	9.831 m	10.000 m	0.357 m	118.488 m	0.357 m	123.404 m	0.357 m	118.488 m	0.357 m	123.404 m
											110.000 m	-3.351 m	120.000 m	123.351 m	2.24958 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.09678 m³	6.701 m	10.000 m	0.357 m	120.000 m	0.357 m	123.351 m	0.357 m	120.000 m	0.357 m	123.351 m
											120.000 m	6.606 m	129.904 m	123.298 m	4.57375 m³	0.14280 m³	0.11683 m³	0.03597 m³	4.42095 m³	13.212 m	10.000 m	0.357 m	120.542 m	0.357 m	123.298 m	0.357 m	129.265 m	0.357 m	123.298 m
											130.000 m	4.823 m	128.068 m	123.245 m	3.30080 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.14800 m³	9.646 m	10.000 m	0.357 m	128.141 m	0.357 m	123.245 m	0.357 m	127.995 m	0.357 m	123.245 m
											140.000 m	-0.825 m	122.367 m	123.192 m	0.44647 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.29368 m³	1.651 m	10.000 m	0.357 m	122.405 m	0.357 m	123.192 m	0.357 m	122.328 m	0.357 m	123.192 m
											150.000 m	1.500 m	124.639 m	123.139 m	0.92833 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.77554 m³	3.000 m	10.000 m	0.357 m	124.620 m	0.357 m	123.139 m	0.357 m	124.659 m	0.357 m	123.139 m
											160.000 m	0.555 m	123.641 m	123.086 m	0.25323 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.10043 m³	1.109 m	10.000 m	0.357 m	123.658 m	0.357 m	123.086 m	0.357 m	123.623 m	0.357 m	123.086 m
											170.000 m	0.817 m	123.850 m	123.033 m	0.44053 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.28773 m³	1.634 m	10.000 m	0.357 m	123.902 m	0.357 m	123.033 m	0.357 m	123.799 m	0.357 m	123.033 m
											178.874 m	1.414 m	124.400 m	122.986 m	0.86671 m³	0.14280 m³	0.11683 m³	0.03597 m³	0.71391 m³	2.828 m	8.874 m	0.357 m	124.393 m	0.357 m	122.986 m	0.357 m	124.408 m	0.357 m	122.986 m
PV-4	PVC 200mr	60	0.100 m	0.714 m	Vertical	147,47	8,568	138,302	7,01	436.26694	0.000 m	3.414 m	124.400 m	120.986 m	2.29480 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.14200 m³	6.828 m	0.000 m	0.357 m	124.392 m	0.357 m	120.986 m	0.357 m	124.409 m	0.357 m	120.986 m
											10.000 m	3.202 m	124.139 m	120.936 m	2.14368 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.99088 m³	6.405 m	10.000 m	0.357 m	124.155 m	0.357 m	120.936 m	0.357 m	124.123 m	0.357 m	120.936 m
											20.000 m	3.091 m	123.978 m	120.886 m	2.06224 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.90944 m³	6.167 m	10.000 m	0.357 m	124.020 m	0.357 m	120.886 m	0.357 m	123.919 m	0.357 m	120.886 m
											30.000 m	3.291 m	124.127 m	120.836 m	2.20678 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.05399 m³	6.581 m	10.000 m	0.357 m	124.232 m	0.357 m	120.836 m	0.357 m	124.021 m	0.357 m	120.836 m
											40.000 m	3.676 m	124.462 m	120.786 m	2.48153 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.32873 m³	7.351 m	10.000 m	0.357 m	124.702 m	0.357 m	120.786 m	0.357 m	124.222 m	0.357 m	120.786 m
											50.000 m	5.575 m	126.311 m	120.736 m	3.82880 m³	0.14280 m³	0.11683 m³	0.03597 m³	3.67600 m³	11.053 m	10.000 m	0.357 m	126.407 m	0.357 m	120.736 m	0.357 m	126.119 m	0.357 m	120.736 m
											60.000 m	2.655 m	123.342 m	120.686 m	1.75309 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.60030 m³	5.311 m	10.000 m	0.357 m	123.369 m	0.357 m	120.686 m	0.357 m	123.314 m	0.357 m	120.686 m
PV-5	PVC 200mr	37,423	0.100 m	0.714 m	Vertical	79,131	5,344	73,413	4,372	236.62638	0.000 m	2.655 m	123.342 m	120.686 m	1.75309 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.60030 m³	5.311 m	0.000 m	0.357 m	123.345 m	0.357 m	120.686 m	0.357 m	123.338 m	0.357 m	120.686 m
											10.000 m	2.630 m	123.266 m	120.636 m	1.73490 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.58210 m³	5.260 m	10.000 m	0.357 m	123.286 m	0.357 m	120.636 m	0.357 m	123.246 m	0.357 m	120.636 m
											20.000 m	3.124 m	123.711 m	120.586 m	2.08807 m³	0.14280 m³	0.11683 m³	0.03597 m³	1.93527 m³	6.249 m	10.000 m	0.357 m	123.716 m	0.357 m	120.586 m	0.357 m	123.705 m	0.357 m	120.586 m
											30.000 m	3.750 m	124.286 m	120.536 m	2.53471 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.38191 m³	7.500 m	10.000 m	0.357 m	124.292 m	0.357 m	120.536 m	0.357 m	124.281 m	0.357 m	120.536 m
											37.423 m	3.994 m	124.493 m	120.499 m	2.70885 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.55605 m³	7.988 m	7.423 m	0.357 m	124.492 m	0.357 m	120.499 m	0.357 m	124.494 m	0.357 m	120.499 m
PV-6	PVC 200mr	32,453	0.100 m	0.714 m	Vertical	89,399	4,634	84,441	3,791	263.39954	0.000 m	3.994 m	124.493 m	120.499 m	2.70885 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.55605 m³	7.988 m	0.000 m	0.357 m	124.492 m	0.357 m	120.499 m	0.357 m	124.494 m	0.357 m	120.499 m
											10.000 m	3.901 m	124.350 m	120.449 m	2.64255 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.48975 m³	7.802 m	10.000 m	0.357 m	124.437 m	0.357 m	120.449 m	0.357 m	124.263 m	0.357 m	120.449 m
											20.000 m	4.026 m	124.425 m	120.399 m	2.73143 m³	0.14280 m³	0.11683 m³	0.03597 m³	2.57863 m³	8.051 m	10.000 m	0.357 m	124.427 m	0.357 m	120.399 m	0.357 m	124.422 m	0.357 m	120.399 m

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC, MEC,	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORR m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
PV-16	300 mm Pv	60 0.100 m	0.814 m	Vertical	194,495	9,768	179,159	10,69	501.85691	0.000 m	40.000 m	4.477 m	124.034 m	119.558 m	3.48134 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.22574 m²	8.954 m	10.000 m	0.407 m	124.019 m	0.407 m	119.558 m	0.407 m	124.050 m	0.407 m	119.558 m
											50.000 m	4.347 m	123.855 m	119.508 m	3.37587 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.12027 m²	8.695 m	10.000 m	0.407 m	123.839 m	0.407 m	119.508 m	0.407 m	123.870 m	0.407 m	119.508 m
											60.000 m	4.412 m	123.869 m	119.458 m	3.42819 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.17259 m²	8.823 m	10.000 m	0.407 m	123.867 m	0.407 m	119.458 m	0.407 m	123.871 m	0.407 m	119.458 m
											10.000 m	4.554 m	123.962 m	119.408 m	3.54393 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.28834 m²	9.106 m	10.000 m	0.407 m	123.935 m	0.407 m	119.408 m	0.407 m	123.986 m	0.407 m	119.408 m
											20.000 m	4.455 m	123.813 m	119.358 m	3.46373 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.20813 m²	8.910 m	10.000 m	0.407 m	123.806 m	0.407 m	119.358 m	0.407 m	123.820 m	0.407 m	119.358 m
											30.000 m	4.209 m	123.517 m	119.308 m	3.26343 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.00784 m²	8.418 m	10.000 m	0.407 m	123.509 m	0.407 m	119.308 m	0.407 m	123.524 m	0.407 m	119.308 m
											40.000 m	4.220 m	123.477 m	119.258 m	3.27195 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.01636 m²	8.439 m	10.000 m	0.407 m	123.475 m	0.407 m	119.258 m	0.407 m	123.479 m	0.407 m	119.258 m
											50.000 m	3.791 m	122.999 m	119.208 m	2.92343 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.66784 m²	7.583 m	10.000 m	0.407 m	122.996 m	0.407 m	119.208 m	0.407 m	123.002 m	0.407 m	119.208 m
											60.000 m	3.318 m	122.475 m	119.158 m	2.53791 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.28232 m²	6.636 m	10.000 m	0.407 m	122.394 m	0.407 m	119.158 m	0.407 m	122.557 m	0.407 m	119.158 m
											60.000 m	3.318 m	122.475 m	119.158 m	2.53791 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.28232 m²	6.636 m	0.000 m	0.407 m	122.394 m	0.407 m	119.158 m	0.407 m	122.557 m	0.407 m	119.158 m
PV-17	300 mm Pv	9,93 0.100 m	0.814 m	Vertical	22,357	1,617	19,819	1,769	58.90371	n 0.000 m	3.318 m	122.475 m	119.158 m	2.53791 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.28232 m²	6.636 m	0.000 m	0.407 m	122.396 m	0.407 m	119.158 m	0.407 m	122.555 m	0.407 m	119.158 m	
											9.930 m	2.614 m	121.722 m	119.108 m	1.96500 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.70940 m²	5.228 m	9.930 m	0.407 m	121.636 m	0.407 m	119.108 m	0.407 m	121.808 m	0.407 m	119.108 m
PV-18	300 mm Pv	60,473 0.100 m	0.814 m	Vertical	144,197	9,845	128,741	10,774	379.18562	0.000 m	2.614 m	121.722 m	119.108 m	1.96500 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.70940 m²	5.228 m	0.000 m	0.407 m	121.710 m	0.407 m	119.108 m	0.407 m	121.733 m	0.407 m	119.108 m	
											10.000 m	2.984 m	122.042 m	119.058 m	2.26657 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.01097 m²	5.969 m	10.000 m	0.407 m	122.056 m	0.407 m	119.058 m	0.407 m	122.029 m	0.407 m	119.058 m
											20.000 m	3.169 m	122.177 m	119.008 m	2.41707 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.16148 m²	6.339 m	10.000 m	0.407 m	122.184 m	0.407 m	119.008 m	0.407 m	122.171 m	0.407 m	119.008 m
											30.000 m	3.158 m	122.116 m	118.958 m	2.40773 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.15213 m²	6.316 m	10.000 m	0.407 m	122.122 m	0.407 m	118.958 m	0.407 m	122.109 m	0.407 m	118.958 m
											40.000 m	3.204 m	122.112 m	118.908 m	2.44505 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.18945 m²	6.407 m	10.000 m	0.407 m	122.125 m	0.407 m	118.908 m	0.407 m	122.098 m	0.407 m	118.908 m
											50.000 m	3.156 m	122.014 m	118.858 m	2.43455 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.17896 m²	6.452 m	10.000 m	0.407 m	122.015 m	0.407 m	118.858 m	0.407 m	122.153 m	0.407 m	118.858 m
											60.000 m	3.490 m	122.298 m	118.808 m	2.67798 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.42239 m²	6.980 m	10.000 m	0.407 m	122.288 m	0.407 m	118.808 m	0.407 m	122.308 m	0.407 m	118.808 m
											60.473 m	3.515 m	122.321 m	118.806 m	2.69843 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.44284 m²	7.030 m	0.473 m	0.407 m	122.311 m	0.407 m	118.806 m	0.407 m	122.331 m	0.407 m	118.806 m
											0.000 m	3.515 m	122.321 m	118.806 m	2.69843 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.44284 m²	7.030 m	0.000 m	0.407 m	122.310 m	0.407 m	118.806 m	0.407 m	122.331 m	0.407 m	118.806 m
											10.000 m	4.043 m	122.799 m	118.756 m	3.12848 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.87289 m²	8.087 m	10.000 m	0.407 m	122.788 m	0.407 m	118.756 m	0.407 m	122.809 m	0.407 m	118.756 m
											20.000 m	4.263 m	122.968 m	118.706 m	3.30688 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.05128 m²	8.525 m	10.000 m	0.407 m	122.946 m	0.407 m	118.706 m	0.407 m	122.990 m	0.407 m	118.706 m
PV-19	300 mm Pv	60 0.100 m	0.814 m	Vertical	197,376	9,768	182,04	10,69	509.23089	0.000 m	3.515 m	122.321 m	118.806 m	2.69843 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.44284 m²	7.030 m	0.000 m	0.407 m	122.310 m	0.407 m	118.806 m	0.407 m	122.331 m	0.407 m	118.806 m	
											10.000 m	4.043 m	122.799 m	118.756 m	3.12848 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.87289 m²	8.087 m	10.000 m	0.407 m	122.788 m	0.407 m	118.756 m	0.407 m	122.809 m	0.407 m	118.756 m
											20.000 m	4.263 m	122.968 m	118.706 m	3.30688 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.05128 m²	8.525 m	10.000 m	0.407 m	122.946 m	0.407 m	118.706 m	0.407 m	122.990 m	0.407 m	118.706 m
											30.000 m	4.369 m	123.024 m	118.656 m	3.40077 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.14517 m²	8.786 m	10.000 m	0.407 m	122.993 m	0.407 m	118.656 m	0.407 m	123.104 m	0.407 m	118.656 m
											40.000 m	4.373 m	122.978 m	118.606 m	3.39644 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.14084 m²	8.745 m	10.000 m	0.407 m	122.976 m	0.407 m	118.606 m	0.407 m	122.981 m	0.407 m	118.606 m
											50.000 m	4.398 m	122.953 m	118.556 m	3.41708 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.16148 m²	8.796 m	10.000 m	0.407 m	122.955 m	0.407 m	118.556 m	0.407 m	122.952 m	0.407 m	118.556 m
											60.000 m	4.472 m	122.978 m	118.506 m	3.47747 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.22187 m²	8.940 m	10.000 m	0.407 m	122.975 m	0.407 m	118.506 m	0.407 m	122.976 m	0.407 m	118.506 m
											60.000 m	4.472 m	122.978 m	118.506 m	3.47747 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.22187 m²	8.940 m	0.000 m	0.407 m	122.975 m	0.407 m	118.506 m	0.407 m	122.976 m	0.407 m	118.506 m
											0.000 m	4.472 m	122.978 m	118.506 m	3.47744 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.22185 m²	8.940 m	0.000 m	0.407 m	122.975 m	0.407 m	118.506 m	0.407 m	122.975 m	0.407 m	118.506 m
											10.000 m	4.290 m	122.745 m	118.456 m	3.32895 m²	0.16280 m²	0.17816 m²	0.07744 m²	3.07335 m²	8.579 m	10.000 m	0.407 m	122.754 m	0.407 m	118.456 m	0.407 m	122.736 m	0.407 m	118.456 m
											20.000 m	3.448 m	121.854 m	118.406 m	2.64038 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.38479 m²	6.875 m	10.000 m	0.407 m	121.841 m	0.407 m	118.406 m	0.407 m	121.845 m	0.407 m	118.406 m
PV-20	300 mm Pv	60 0.100 m	0.814 m	Vertical	181,752	9,768	166,416	10,69	470.41717																				

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC, MEC,	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORR m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m
											40,000 m	6.340 m	123.220 m	116.880 m	4.99780 m²	0.16280 m²	0.17816 m²	0.07744 m²	4.74221 m²	12.678 m	10,000 m	0.407 m	123.064 m	0.407 m	116.880 m	0.407 m	123.374 m	0.407 m	116.880 m
											50,000 m	0.990 m	117.689 m	116.699 m	0.64321 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.38761 m²	1.980 m	10,000 m	0.407 m	117.762 m	0.407 m	116.699 m	0.407 m	117.616 m	0.407 m	116.699 m
											60,000 m	1.514 m	118.031 m	116.517 m	1.15394 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.89835 m²	3.442 m	10,000 m	0.407 m	118.699 m	0.407 m	116.517 m	0.407 m	117.777 m	0.407 m	116.517 m
											60,000 m	1.514 m	118.031 m	116.517 m	1.15394 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.89835 m²	3.442 m	0,000 m	0.407 m	118.699 m	0.407 m	116.517 m	0.407 m	117.777 m	0.407 m	116.517 m
											0,000 m	1.514 m	118.031 m	116.517 m	1.15202 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.89643 m²	3.435 m	0,000 m	0.407 m	118.687 m	0.407 m	116.517 m	0.407 m	117.782 m	0.407 m	116.517 m
PV-24	300 mm Pv	60 0.100 m	0.814 m	Vertical	129,971	9,768	114,635	10,69	344.25693		10,000 m	2.690 m	119.158 m	116.467 m	2.02752 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.77192 m²	5.385 m	10,000 m	0.407 m	119.202 m	0.407 m	116.467 m	0.407 m	119.118 m	0.407 m	116.467 m
											20,000 m	2.996 m	119.413 m	116.417 m	2.27604 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.02045 m²	5.993 m	10,000 m	0.407 m	119.444 m	0.407 m	116.417 m	0.407 m	119.384 m	0.407 m	116.417 m
											30,000 m	3.055 m	119.422 m	116.367 m	2.32443 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.06883 m²	6.112 m	10,000 m	0.407 m	119.442 m	0.407 m	116.367 m	0.407 m	119.405 m	0.407 m	116.367 m
											40,000 m	3.178 m	119.495 m	116.317 m	2.41660 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.16100 m²	6.321 m	10,000 m	0.407 m	119.498 m	0.407 m	116.317 m	0.407 m	119.457 m	0.407 m	116.317 m
											50,000 m	3.150 m	119.417 m	116.267 m	2.40114 m²	0.16280 m²	0.17816 m²	0.07744 m²	2.14554 m²	6.300 m	10,000 m	0.407 m	119.435 m	0.407 m	116.267 m	0.407 m	119.399 m	0.407 m	116.267 m
											60,000 m	2.596 m	118.814 m	116.217 m	1.95068 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.69509 m²	5.193 m	10,000 m	0.407 m	118.847 m	0.407 m	116.217 m	0.407 m	118.780 m	0.407 m	116.217 m
											60,000 m	2.596 m	118.814 m	116.217 m	1.95068 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.69509 m²	5.193 m	0,000 m	0.407 m	118.847 m	0.407 m	116.217 m	0.407 m	118.780 m	0.407 m	116.217 m
											0,000 m	2.596 m	118.814 m	116.217 m	1.95068 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.69509 m²	5.193 m	0,000 m	0.407 m	118.855 m	0.407 m	116.217 m	0.407 m	118.772 m	0.407 m	116.217 m
											10,000 m	2.197 m	118.364 m	116.167 m	1.62710 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.37151 m²	4.404 m	10,000 m	0.407 m	118.473 m	0.407 m	116.167 m	0.407 m	118.265 m	0.407 m	116.167 m
											20,000 m	2.881 m	118.998 m	116.117 m	2.18239 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.92679 m²	5.762 m	10,000 m	0.407 m	118.999 m	0.407 m	116.117 m	0.407 m	118.998 m	0.407 m	116.117 m
PV-25	300 mm Pv	60 0.100 m	0.814 m	Vertical	112,538	9,768	97,202	10,69	300.75803		10,000 m	2.197 m	118.364 m	116.167 m	1.62710 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.37151 m²	4.404 m	10,000 m	0.407 m	118.473 m	0.407 m	116.167 m	0.407 m	118.265 m	0.407 m	116.167 m
											20,000 m	2.881 m	118.998 m	116.117 m	2.18239 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.92679 m²	5.762 m	10,000 m	0.407 m	118.999 m	0.407 m	116.117 m	0.407 m	118.998 m	0.407 m	116.117 m
											30,000 m	2.688 m	118.755 m	116.067 m	2.02755 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.77195 m²	5.389 m	10,000 m	0.407 m	118.744 m	0.407 m	116.067 m	0.407 m	118.779 m	0.407 m	116.067 m
											40,000 m	2.501 m	118.519 m	116.017 m	1.87526 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.61966 m²	5.020 m	10,000 m	0.407 m	118.549 m	0.407 m	116.017 m	0.407 m	118.505 m	0.407 m	116.017 m
											50,000 m	2.400 m	118.367 m	115.967 m	1.79040 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.53481 m²	4.799 m	10,000 m	0.407 m	118.392 m	0.407 m	115.967 m	0.407 m	118.342 m	0.407 m	115.967 m
											60,000 m	2.106 m	118.023 m	115.917 m	1.55151 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.29591 m²	4.212 m	10,000 m	0.407 m	118.017 m	0.407 m	115.917 m	0.407 m	118.029 m	0.407 m	115.917 m
											0,000 m	2.106 m	118.023 m	115.917 m	1.55151 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.29591 m²	4.212 m	0,000 m	0.407 m	118.017 m	0.407 m	115.917 m	0.407 m	118.029 m	0.407 m	115.917 m
											10,000 m	1.159 m	117.026 m	115.867 m	0.77931 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.52372 m²	2.310 m	10,000 m	0.407 m	117.025 m	0.407 m	115.867 m	0.407 m	117.019 m	0.407 m	115.867 m
											20,000 m	1.162 m	116.980 m	115.817 m	0.78291 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.52731 m²	2.320 m	10,000 m	0.407 m	116.976 m	0.407 m	115.817 m	0.407 m	116.978 m	0.407 m	115.817 m
											30,000 m	1.733 m	117.500 m	115.767 m	1.24771 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.99211 m²	3.466 m	10,000 m	0.407 m	117.500 m	0.407 m	115.767 m	0.407 m	117.500 m	0.407 m	115.767 m
PV-26	300 mm Pv	60 0.100 m	0.814 m	Vertical	71,784	9,768	56,448	10,69	200.32038		40,000 m	1.490 m	117.208 m	115.717 m	1.05072 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.79513 m²	2.985 m	10,000 m	0.407 m	117.249 m	0.407 m	115.717 m	0.407 m	117.170 m	0.407 m	115.717 m
											50,000 m	2.335 m	118.002 m	115.667 m	1.73757 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.48197 m²	4.669 m	10,000 m	0.407 m	118.002 m	0.407 m	115.667 m	0.407 m	118.001 m	0.407 m	115.667 m
											60,000 m	2.176 m	117.794 m	115.617 m	1.60875 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.35316 m²	4.351 m	10,000 m	0.407 m	117.824 m	0.407 m	115.617 m	0.407 m	117.762 m	0.407 m	115.617 m
											60,000 m	2.176 m	117.794 m	115.617 m	1.60875 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.35316 m²	4.351 m	0,000 m	0.407 m	117.824 m	0.407 m	115.617 m	0.407 m	117.762 m	0.407 m	115.617 m
											0,000 m	2.176 m	117.794 m	115.617 m	1.60875 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.35316 m²	4.351 m	0,000 m	0.407 m	117.824 m	0.407 m	115.617 m	0.407 m	117.762 m	0.407 m	115.617 m
											10,000 m	1.996 m	117.523 m	115.528 m	1.46184 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.20625 m²	3.992 m	10,000 m	0.407 m	117.526 m	0.407 m	115.528 m	0.407 m	117.521 m	0.407 m	115.528 m
											20,000 m	1.825 m	117.263 m	115.438 m	1.32273 m²	0.16280 m²	0.17816 m²	0.07744 m²	1.06713 m²	3.654 m	10,000 m	0.407 m	117.259 m	0.407 m	115.438 m	0.407 m	117.272 m	0.407 m	115.438 m
											30,000 m	1.616 m	116.964 m	115.348 m	1.15258 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.89698 m²	3.232 m	10,000 m	0.407 m	116.966 m	0.407 m	115.348 m	0.407 m	116.963 m	0.407 m	115.348 m
											40,000 m	1.514 m	116.773 m	115.259 m	1.06999 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.81440 m²	3.029 m	10,000 m	0.407 m	116.789 m	0.407 m	115.259 m	0.407 m	116.757 m	0.407 m	115.259 m
											50,000 m	1.458 m	116.627 m	115.169 m	1.02378 m²	0.16280 m²	0.17816 m²	0.07744 m²	0.76818 m²	2.915 m	10,000 m	0.407 m	116.645 m	0.407 m	115.169 m	0.40			

NOME	TUBO	EXT	ESP. COLCHÃO m	VALA m	TALVALA deg	ESC, MEC,	VOLUME AREIA	REAT, MEC	REAT, MAN,	ESCORR m²	EST m	PROF m	CT m	Cota do fundo m	AREACOR TE m²	AREABER CO m²	AREAHTU BO m²	AREATUB O m²	AREAREA TERRO m²	COMPESC ORA m	DIST m	OFFSETES Q m	COTAOFF SETESQ m	BORDOES Q m	COTABOR DOESQ m	OFFSETDI R m	COTAOFF SETDIR m	BORDODI R m	COTABOR DODIR m									
PV-32	300 mm Pv	60 0.100 m	0.814 m	Vertical	166,759	9,768	151,423	10,69	434.09391	0.000 m	2.867 m	116.900 m	114.033 m	2.17100 m³	0.16280 m³	0.17816 m³	0.07744 m³	1.91540 m³	5.735 m	0.000 m	0.407 m	116.886 m	0.407 m	114.033 m	0.407 m	116.914 m	0.407 m	114.033 m										
										10.000 m	3.005 m	116.988 m	113.983 m	2.28322 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.02762 m³	6.010 m	10.000 m	0.407 m	116.990 m	0.407 m	113.983 m	0.407 m	116.986 m	0.407 m	113.983 m										
										20.000 m	3.076 m	117.008 m	113.933 m	2.34081 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.08521 m³	6.151 m	10.000 m	0.407 m	117.009 m	0.407 m	113.933 m	0.407 m	117.007 m	0.407 m	113.933 m										
										30.000 m	3.602 m	117.485 m	113.883 m	2.76928 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.51369 m³	7.204 m	10.000 m	0.407 m	117.489 m	0.407 m	113.883 m	0.407 m	117.481 m	0.407 m	113.883 m										
										40.000 m	5.106 m	118.939 m	113.833 m	3.99679 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.74119 m³	10.247 m	10.000 m	0.407 m	119.094 m	0.407 m	113.833 m	0.407 m	118.819 m	0.407 m	113.833 m										
										50.000 m	4.325 m	118.108 m	113.783 m	3.36044 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.10485 m³	8.667 m	10.000 m	0.407 m	118.172 m	0.407 m	113.783 m	0.407 m	118.060 m	0.407 m	113.783 m										
										60.000 m	2.263 m	115.996 m	113.733 m	1.67976 m³	0.16280 m³	0.17816 m³	0.07744 m³	1.42417 m³	4.527 m	10.000 m	0.407 m	115.997 m	0.407 m	113.733 m	0.407 m	115.996 m	0.407 m	113.733 m										
										PV-33	300 mm Pv	60 0.100 m	0.814 m	Vertical	151,759	9,768	136,423	10,69	396.89722	0.000 m	2.263 m	115.996 m	113.733 m	1.67976 m³	0.16280 m³	0.17816 m³	0.07744 m³	1.42417 m³	4.527 m	0.000 m	0.407 m	115.997 m	0.407 m	113.733 m	0.407 m	115.996 m	0.407 m	113.733 m
																				10.000 m	2.242 m	115.925 m	113.683 m	1.66201 m³	0.16280 m³	0.17816 m³	0.07744 m³	1.40641 m³	4.484 m	10.000 m	0.407 m	115.924 m	0.407 m	113.683 m	0.407 m	115.925 m	0.407 m	113.683 m
																				20.000 m	2.314 m	115.947 m	113.633 m	1.72119 m³	0.16280 m³	0.17816 m³	0.07744 m³	1.46559 m³	4.629 m	10.000 m	0.407 m	115.947 m	0.407 m	113.633 m	0.407 m	115.948 m	0.407 m	113.633 m
30.000 m	2.538 m	116.121 m	113.583 m	1.90311 m³	0.16280 m³	0.17816 m³	0.07744 m³	1.64751 m³	5.075 m											10.000 m	0.407 m	116.113 m	0.407 m	113.583 m	0.407 m	116.127 m	0.407 m	113.583 m										
40.000 m	4.481 m	118.014 m	113.533 m	3.48491 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.22932 m³	8.962 m											10.000 m	0.407 m	118.019 m	0.407 m	113.533 m	0.407 m	118.009 m	0.407 m	113.533 m										
50.000 m	4.608 m	118.091 m	113.483 m	3.58815 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.33255 m³	9.216 m											10.000 m	0.407 m	118.150 m	0.407 m	113.483 m	0.407 m	118.032 m	0.407 m	113.483 m										
60.000 m	5.056 m	118.489 m	113.433 m	3.95332 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.69772 m³	10.120 m											10.000 m	0.407 m	118.491 m	0.407 m	113.433 m	0.407 m	118.494 m	0.407 m	113.433 m										
PV-34	300 mm Pv	60 0.100 m	0.814 m	Vertical	238,251	9,768	222,915	10,69	609.40858											0.000 m	5.056 m	118.489 m	113.433 m	3.95333 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.69774 m³	10.120 m	0.000 m	0.407 m	118.491 m	0.407 m	113.433 m	0.407 m	118.494 m	0.407 m	113.433 m
																				10.000 m	4.982 m	118.360 m	113.378 m	3.89225 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.63665 m³	9.963 m	10.000 m	0.407 m	118.389 m	0.407 m	113.378 m	0.407 m	118.331 m	0.407 m	113.378 m
																				20.000 m	5.176 m	118.500 m	113.324 m	4.05041 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.79482 m³	10.352 m	10.000 m	0.407 m	118.500 m	0.407 m	113.324 m	0.407 m	118.500 m	0.407 m	113.324 m
										30.000 m	5.228 m	118.497 m	113.270 m	4.09246 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.83686 m³	10.455 m	10.000 m	0.407 m	118.499 m	0.407 m	113.270 m	0.407 m	118.495 m	0.407 m	113.270 m										
										40.000 m	4.937 m	118.153 m	113.215 m	3.85621 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.60061 m³	9.875 m	10.000 m	0.407 m	118.163 m	0.407 m	113.215 m	0.407 m	118.142 m	0.407 m	113.215 m										
										50.000 m	5.076 m	118.237 m	113.161 m	3.96907 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.71348 m³	10.152 m	10.000 m	0.407 m	118.251 m	0.407 m	113.161 m	0.407 m	118.223 m	0.407 m	113.161 m										
										60.000 m	5.085 m	118.191 m	113.106 m	3.97604 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.72044 m³	10.169 m	10.000 m	0.407 m	118.203 m	0.407 m	113.106 m	0.407 m	118.179 m	0.407 m	113.106 m										
										60.000 m	5.085 m	118.191 m	113.106 m	3.97604 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.72044 m³	10.169 m	0.000 m	0.407 m	118.203 m	0.407 m	113.106 m	0.407 m	118.179 m	0.407 m	113.106 m										
										PV-35	300 mm Pv	54,31 0.100 m	0.814 m	Vertical	204,624	8,842	190,743	9,676	524.48735	0.000 m	5.090 m	118.191 m	113.101 m	3.98008 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.72448 m³	10.179 m	0.000 m	0.407 m	118.203 m	0.407 m	113.101 m	0.407 m	118.179 m	0.407 m	113.101 m
																				10.000 m	4.964 m	118.007 m	113.043 m	3.87757 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.62198 m³	9.927 m	10.000 m	0.407 m	118.004 m	0.407 m	113.043 m	0.407 m	118.009 m	0.407 m	113.043 m
20.000 m	4.886 m	117.871 m	112.985 m	3.81428 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.55868 m³	9.772 m											10.000 m	0.407 m	117.880 m	0.407 m	112.985 m	0.407 m	117.861 m	0.407 m	112.985 m										
30.000 m	4.773 m	117.700 m	112.927 m	3.72253 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.46694 m³	9.547 m											10.000 m	0.407 m	117.710 m	0.407 m	112.927 m	0.407 m	117.689 m	0.407 m	112.927 m										
40.000 m	4.689 m	117.557 m	112.868 m	3.65392 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.39832 m³	9.378 m											10.000 m	0.407 m	117.566 m	0.407 m	112.868 m	0.407 m	117.548 m	0.407 m	112.868 m										
50.000 m	4.684 m	117.494 m	112.810 m	3.65023 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.39463 m³	9.368 m											10.000 m	0.407 m	117.494 m	0.407 m	112.810 m	0.407 m	117.494 m	0.407 m	112.810 m										
54.310 m	4.716 m	117.501 m	112.785 m	3.67623 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.42063 m³	9.432 m											4.310 m	0.407 m	117.500 m	0.407 m	112.785 m	0.407 m	117.502 m	0.407 m	112.785 m										
PV-36	300 mm Pv	79,399 0.100 m	0.814 m	Vertical	234,619	12,926	214,325	14,146	607.91713											0.000 m	4.721 m	117.501 m	112.780 m	3.67949 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.42389 m³	9.436 m	0.000 m	0.407 m	117.494 m	0.407 m	112.780 m	0.407 m	117.502 m	0.407 m	112.780 m
																				10.000 m	4.481 m	117.195 m	112.714 m	3.48448 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.22888 m³	8.961 m	10.000 m	0.407 m	117.184 m	0.407 m	112.714 m	0.407 m	117.205 m	0.407 m	112.714 m
																				20.000 m	4.354 m	117.002 m	112.648 m	3.38107 m³	0.16280 m³	0.17816 m³	0.07744 m³	3.12548 m³	8.706 m	10.000 m	0.407 m	117.002 m	0.407 m	112.648 m	0.407 m	117.001 m	0.407 m	112.648 m
										30.000 m	4.002 m	116.585 m	112.583 m	3.09504 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.83945 m³	8.005 m	10.000 m	0.407 m	116.580 m	0.407 m	112.583 m	0.407 m	116.591 m	0.407 m	112.583 m										
										40.000 m	3.794 m	116.311 m	112.517 m	2.92536 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.66976 m³	7.588 m	10.000 m	0.407 m	116.335 m	0.407 m	112.517 m	0.407 m	116.287 m	0.407 m	112.517 m										
										50.000 m	3.525 m	115.976 m	112.451 m	2.70600 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.45041 m³	7.044 m	10.000 m	0.407 m	115.987 m	0.407 m	112.451 m	0.407 m	115.960 m	0.407 m	112.451 m										
										60.000 m	3.200 m	115.586 m	112.386 m	2.44007 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.18447 m³	6.382 m	10.000 m	0.407 m	115.605 m	0.407 m	112.386 m	0.407 m	115.549 m	0.407 m	112.386 m										
										70.000 m	3.180 m	115.500 m	112.320 m	2.42575 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.17015 m³	6.360 m	10.000 m	0.407 m	115.500 m	0.407 m	112.320 m	0.407 m	115.500 m	0.407 m	112.320 m										
										79.399 m	3.448 m	115.707 m	112.258 m	2.63297 m³	0.16280 m³	0.17816 m³	0.07744 m³	2.37738 m³	6.849 m	9.399 m	0.407 m	115.865 m	0.407 m	112.258 m	0.407 m	115.500 m	0.407 m	112.258 m										