CARTERA DE RASANTE				
Alineamiento Vertical Eje: 100 W_SUBA S				
Abscisa Inicio	K0+00.000		**Abscisa Fin**	K0+336,879
Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,281.894 m	101,200.672 m	2,549.972 m	2,549.984 m
K0+020,000	110,277.564 m	101,220.198 m	2,550.094 m	2,550.130 m
K0+040,000	110,273.234 m	101,239.723 m	2,550.266 m	2,550.276 m
K0+060,000	110,268.904 m	101,259.249 m	2,550.440 m	2,550.421 m
K0+080,000	110,264.574 m	101,278.775 m	2,550.610 m	2,550.566 m
K0+100,000	110,260.244 m	101,298.300 m	2,550.771 m	2,550.712 m
K0+120,000	110,255.909 m	101,317.825 m	2,550.885 m	2,550.865 m
K0+140,000	110,249.607 m	101,336.743 m	2,550.985 m	2,551.061 m
K0+160,000	110,237.085 m	101,352.167 m	2,551.011 m	2,551.191 m
K0+180,000	110,219.662 m	101,361.795 m	2,551.010 m	2,551.187 m
K0+200,000	110,200.816 m	101,368.488 m	2,551.005 m	2,551.118 m
K0+220,000	110,181.945 m	101,375.114 m	2,550.999 m	2,551.048 m
K0+240,000	110,163.075 m	101,381.740 m	2,551.002 m	2,550.978 m
K0+260,000	110,144.661 m	101,389.526 m	2,550.994 m	2,550.908 m
K0+280,000	110,126.413 m	101,397.713 m	2,550.931 m	2,550.839 m
K0+300,000	110,108.251 m	101,406.086 m	2,550.874 m	2,551.000 m
K0+320,000	110,090.159 m	101,414.612 m	2,550.822 m	2,550.968 m
K0+336,879	110,074.909 m	101,421.845 m	2,550.787 m	2,550.894 m

CARTERA DE RASANTE				
Alineamiento Vertical Eje: 100 E_W_lento				
Abscisa Inicio	K0+00.000		**Abscisa Fin**	K0+567,840
Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,207.874 m	101,658.485 m	2,551.969 m	2,551.969 m
K0+020,000	110,213.292 m	101,639.233 m	2,551.935 m	2,551.908 m
K0+040,000	110,218.711 m	101,619.981 m	2,551.876 m	2,551.848 m
K0+060,000	110,224.130 m	101,600.729 m	2,551.817 m	2,551.788 m
K0+080,000	110,229.548 m	101,581.477 m	2,551.757 m	2,551.727 m
K0+100,000	110,234.967 m	101,562.225 m	2,551.694 m	2,551.667 m
K0+120,000	110,240.386 m	101,542.973 m	2,551.626 m	2,551.607 m
K0+140,000	110,245.804 m	101,523.721 m	2,551.559 m	2,551.546 m
K0+160,000	110,251.223 m	101,504.469 m	2,551.491 m	2,551.486 m
K0+180,000	110,256.642 m	101,485.217 m	2,551.423 m	2,551.426 m
K0+200,000	110,262.061 m	101,465.965 m	2,551.355 m	2,551.365 m

K0+220,000	110,267.479 m	101,446.713 m	2,551.287 m	2,551.305 m
K0+240,000	110,272.898 m	101,427.461 m	2,551.220 m	2,551.245 m
K0+260,000	110,278.317 m	101,408.209 m	2,551.152 m	2,551.184 m
K0+280,000	110,283.735 m	101,388.957 m	2,551.084 m	2,551.124 m
K0+300,000	110,289.154 m	101,369.705 m	2,551.016 m	2,551.064 m
K0+320,000	110,294.379 m	101,350.401 m	2,551.006 m	2,551.003 m
K0+340,000	110,299.061 m	101,330.957 m	2,550.944 m	2,550.943 m
K0+360,000	110,303.528 m	101,311.462 m	2,550.811 m	2,550.873 m
K0+380,000	110,307.994 m	101,291.967 m	2,550.669 m	2,550.723 m
K0+400,000	110,312.461 m	101,272.473 m	2,550.518 m	2,550.572 m
K0+420,000	110,316.928 m	101,252.978 m	2,550.365 m	2,550.421 m
K0+440,000	110,321.395 m	101,233.483 m	2,550.212 m	2,550.271 m
K0+460,000	110,325.862 m	101,213.988 m	2,550.059 m	2,550.120 m
K0+480,000	110,330.329 m	101,194.493 m	2,549.932 m	2,549.939 m
K0+500,000	110,334.796 m	101,174.999 m	2,549.486 m	2,549.436 m
K0+520,000	110,339.263 m	101,155.504 m	2,548.980 m	2,548.991 m
K0+540,000	110,343.730 m	101,136.009 m	2,548.673 m	2,548.655 m
K0+560,000	110,348.196 m	101,116.514 m	2,547.999 m	2,547.999 m
K0+567,840	110,349.947 m	101,108.873 m	2,547.986 m	2,547.986 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: 100_E_W_rapido

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+485,488

Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,218.163 m	101,576.728 m	2,551.733 m	2,551.733 m
K0+020,000	110,223.183 m	101,557.368 m	2,551.665 m	2,551.676 m
K0+040,000	110,228.202 m	101,538.008 m	2,551.596 m	2,551.619 m
K0+060,000	110,233.221 m	101,518.648 m	2,551.528 m	2,551.561 m
K0+080,000	110,238.240 m	101,499.288 m	2,551.459 m	2,551.504 m
K0+100,000	110,243.259 m	101,479.928 m	2,551.390 m	2,551.447 m
K0+120,000	110,248.278 m	101,460.568 m	2,551.322 m	2,551.389 m
K0+140,000	110,253.297 m	101,441.208 m	2,551.253 m	2,551.332 m
K0+160,000	110,258.316 m	101,421.848 m	2,551.185 m	2,551.275 m
K0+180,000	110,263.335 m	101,402.488 m	2,551.116 m	2,551.217 m
K0+200,000	110,268.354 m	101,383.128 m	2,551.048 m	2,551.160 m
K0+220,000	110,273.374 m	101,363.768 m	2,551.021 m	2,551.102 m
K0+240,000	110,278.375 m	101,344.404 m	2,551.005 m	2,551.045 m
K0+260,000	110,283.086 m	101,324.967 m	2,550.976 m	2,550.977 m
K0+280,000	110,287.670 m	101,305.499 m	2,550.813 m	2,550.836 m
K0+300,000	110,292.254 m	101,286.031 m	2,550.649 m	2,550.695 m
K0+320,000	110,296.837 m	101,266.564 m	2,550.485 m	2,550.555 m
K0+340,000	110,301.421 m	101,247.096 m	2,550.321 m	2,550.414 m

K0+360,000	110,306.004 m	101,227.628 m	2,550.157 m	2,550.273 m
K0+380,000	110,310.588 m	101,208.161 m	2,550.001 m	2,550.132 m
K0+400,000	110,315.172 m	101,188.693 m	2,549.991 m	2,549.992 m
K0+420,000	110,319.755 m	101,169.225 m	2,549.443 m	2,549.427 m
K0+440,000	110,324.339 m	101,149.758 m	2,549.012 m	2,549.009 m
K0+460,000	110,328.922 m	101,130.290 m	2,548.634 m	2,548.641 m
K0+480,000	110,333.506 m	101,110.822 m	2,548.078 m	2,548.078 m
K0+485,488	110,334.764 m	101,105.481 m	2,548.022 m	2,548.022 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: 100_E-SUBA_S

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+650,422

Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,203.109 m	101,657.144 m	2,551.992 m	2,551.870 m
K0+020,000	110,208.527 m	101,637.892 m	2,551.950 m	2,551.809 m
K0+040,000	110,213.946 m	101,618.640 m	2,551.888 m	2,551.749 m
K0+060,000	110,219.365 m	101,599.388 m	2,551.820 m	2,551.689 m
K0+080,000	110,224.783 m	101,580.136 m	2,551.752 m	2,552.044 m
K0+100,000	110,230.186 m	101,560.879 m	2,551.685 m	2,553.244 m
K0+120,000	110,235.588 m	101,541.623 m	2,551.617 m	2,554.883 m
K0+140,000	110,240.989 m	101,522.366 m	2,551.549 m	2,556.523 m
K0+160,000	110,246.391 m	101,503.109 m	2,551.481 m	2,558.162 m
K0+180,000	110,251.792 m	101,483.852 m	2,551.413 m	2,559.802 m
K0+200,000	110,257.194 m	101,464.595 m	2,551.345 m	2,561.442 m
K0+220,000	110,262.595 m	101,445.339 m	2,551.278 m	2,563.081 m
K0+240,000	110,267.857 m	101,426.046 m	2,551.210 m	2,564.721 m
K0+260,000	110,268.909 m	101,406.153 m	2,551.135 m	2,566.240 m
K0+280,000	110,263.888 m	101,386.875 m	2,551.058 m	2,566.913 m
K0+300,000	110,253.264 m	101,370.023 m	2,551.034 m	2,566.619 m
K0+320,000	110,238.035 m	101,357.180 m	2,551.018 m	2,565.480 m
K0+340,000	110,219.632 m	101,349.553 m	2,551.003 m	2,564.220 m
K0+360,000	110,199.783 m	101,347.858 m	2,550.968 m	2,562.959 m
K0+380,000	110,180.352 m	101,352.253 m	2,550.901 m	2,561.699 m
K0+400,000	110,162.640 m	101,361.503 m	2,550.894 m	2,560.439 m
K0+420,000	110,145.190 m	101,371.275 m	2,550.915 m	2,559.179 m
K0+440,000	110,127.740 m	101,381.047 m	2,550.883 m	2,557.919 m
K0+460,000	110,110.289 m	101,390.819 m	2,550.830 m	2,556.659 m
K0+480,000	110,092.839 m	101,400.591 m	2,550.780 m	2,555.399 m
K0+500,000	110,075.389 m	101,410.363 m	2,550.736 m	2,554.138 m
K0+520,000	110,057.939 m	101,420.135 m	2,550.707 m	2,552.878 m
K0+540,000	110,040.489 m	101,429.908 m	2,550.695 m	2,551.758 m
K0+560,000	110,023.039 m	101,439.680 m	2,550.701 m	2,551.016 m

K0+580,000	110,005.589 m	101,449.452 m	2,550.677 m	2,550.656 m
K0+600,000	109,988.139 m	101,459.224 m	2,550.581 m	2,550.537 m
K0+620,000	109,970.689 m	101,468.996 m	2,550.423 m	2,550.422 m
K0+640,000	109,953.238 m	101,478.768 m	2,550.263 m	2,550.307 m
K0+650,422	109,944.145 m	101,483.860 m	2,550.179 m	2,550.247 m

CARTERA DE RASANTE				
Alineamiento Vertical Eje: 100_W_E_LENTO				
Abscisa Inicio	K0+00.000		**Abscisa Fin**	K0+604,830
Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,335.507 m	100,984.025 m	2,547.726 m	2,547.726 m
K0+020,000	110,331.259 m	101,003.569 m	2,547.488 m	2,547.924 m
K0+040,000	110,327.012 m	101,023.113 m	2,547.491 m	2,548.121 m
K0+060,000	110,322.765 m	101,042.657 m	2,547.599 m	2,548.319 m
K0+080,000	110,318.518 m	101,062.201 m	2,547.745 m	2,548.516 m
K0+100,000	110,314.271 m	101,081.744 m	2,547.894 m	2,548.714 m
K0+120,000	110,310.023 m	101,101.288 m	2,548.052 m	2,548.912 m
K0+140,000	110,305.776 m	101,120.832 m	2,548.508 m	2,549.109 m
K0+160,000	110,301.529 m	101,140.376 m	2,548.869 m	2,549.307 m
K0+180,000	110,297.282 m	101,159.920 m	2,549.116 m	2,549.504 m
K0+200,000	110,293.035 m	101,179.464 m	2,549.732 m	2,549.702 m
K0+220,000	110,288.787 m	101,199.007 m	2,549.977 m	2,549.899 m
K0+240,000	110,284.540 m	101,218.551 m	2,550.085 m	2,550.082 m
K0+260,000	110,280.293 m	101,238.095 m	2,550.255 m	2,550.245 m
K0+280,000	110,276.046 m	101,257.639 m	2,550.426 m	2,550.409 m
K0+300,000	110,271.799 m	101,277.183 m	2,550.599 m	2,550.573 m
K0+320,000	110,267.551 m	101,296.727 m	2,550.770 m	2,550.737 m
K0+340,000	110,263.304 m	101,316.270 m	2,550.905 m	2,550.896 m
K0+360,000	110,259.043 m	101,335.811 m	2,550.998 m	2,550.955 m
K0+380,000	110,254.602 m	101,355.312 m	2,551.020 m	2,551.014 m
K0+400,000	110,249.931 m	101,374.759 m	2,551.037 m	2,551.073 m
K0+420,000	110,245.032 m	101,394.149 m	2,551.067 m	2,551.132 m
K0+440,000	110,239.905 m	101,413.481 m	2,551.136 m	2,551.191 m
K0+460,000	110,234.587 m	101,432.761 m	2,551.204 m	2,551.250 m
K0+480,000	110,229.247 m	101,452.034 m	2,551.272 m	2,551.309 m
K0+500,000	110,223.906 m	101,471.308 m	2,551.340 m	2,551.368 m
K0+520,000	110,218.566 m	101,490.582 m	2,551.408 m	2,551.427 m
K0+540,000	110,213.226 m	101,509.856 m	2,551.473 m	2,551.486 m
K0+560,000	110,207.885 m	101,529.130 m	2,551.536 m	2,551.545 m
K0+580,000	110,202.545 m	101,548.404 m	2,551.599 m	2,551.604 m
K0+600,000	110,197.205 m	101,567.678 m	2,551.662 m	2,551.663 m

K0+604,830	110,195.915 m	101,572.332 m	2,551.677 m	2,551.677 m

CARTERA DE RASANTE				
Alineamiento Vertical Eje: 100_W_E_RAPIDO				
Abscisa Inicio	K0+00.000		**Abscisa Fin**	K0+485,270
Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,326.401 m	101,103.559 m	2,548.090 m	2,548.090 m
K0+020,000	110,321.856 m	101,123.036 m	2,548.557 m	2,548.544 m
K0+040,000	110,317.310 m	101,142.513 m	2,549.013 m	2,549.012 m
K0+060,000	110,312.764 m	101,161.989 m	2,549.227 m	2,549.229 m
K0+080,000	110,308.218 m	101,181.466 m	2,549.824 m	2,549.828 m
K0+100,000	110,303.672 m	101,200.942 m	2,550.003 m	2,550.086 m
K0+120,000	110,299.127 m	101,220.419 m	2,550.102 m	2,550.221 m
K0+140,000	110,294.581 m	101,239.895 m	2,550.274 m	2,550.356 m
K0+160,000	110,290.035 m	101,259.372 m	2,550.446 m	2,550.492 m
K0+180,000	110,285.489 m	101,278.848 m	2,550.618 m	2,550.627 m
K0+200,000	110,280.944 m	101,298.325 m	2,550.790 m	2,550.762 m
K0+220,000	110,276.398 m	101,317.802 m	2,550.961 m	2,550.897 m
K0+240,000	110,271.852 m	101,337.278 m	2,551.000 m	2,550.967 m
K0+260,000	110,267.290 m	101,356.751 m	2,551.023 m	2,551.029 m
K0+280,000	110,262.508 m	101,376.171 m	2,551.031 m	2,551.090 m
K0+300,000	110,257.457 m	101,395.522 m	2,551.084 m	2,551.151 m
K0+320,000	110,252.332 m	101,414.854 m	2,551.153 m	2,551.212 m
K0+340,000	110,247.207 m	101,434.186 m	2,551.221 m	2,551.273 m
K0+360,000	110,242.082 m	101,453.519 m	2,551.289 m	2,551.334 m
K0+380,000	110,236.957 m	101,472.851 m	2,551.358 m	2,551.396 m
K0+400,000	110,231.832 m	101,492.183 m	2,551.426 m	2,551.457 m
K0+420,000	110,226.707 m	101,511.515 m	2,551.495 m	2,551.518 m
K0+440,000	110,221.582 m	101,530.848 m	2,551.563 m	2,551.579 m
K0+460,000	110,216.457 m	101,550.180 m	2,551.631 m	2,551.640 m
K0+480,000	110,211.332 m	101,569.512 m	2,551.700 m	2,551.702 m
K0+485,270	110,209.982 m	101,574.606 m	2,551.718 m	

CARTERA DE RASANTE				
Alineamiento Vertical Eje: 100_W-SUBA_N				
Abscisa Inicio	K0+00.000		**Abscisa Fin**	K0+485,270
Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,326.401 m	101,103.559 m	2,548.090 m	2,548.090 m
K0+020,000	110,321.856 m	101,123.036 m	2,548.557 m	2,548.544 m

K0+040,000	110,317.310 m	101,142.513 m	2,549.013 m	2,549.012 m
K0+060,000	110,312.764 m	101,161.989 m	2,549.227 m	2,549.229 m
K0+080,000	110,308.218 m	101,181.466 m	2,549.824 m	2,549.828 m
K0+100,000	110,303.672 m	101,200.942 m	2,550.003 m	2,550.086 m
K0+120,000	110,299.127 m	101,220.419 m	2,550.102 m	2,550.221 m
K0+140,000	110,294.581 m	101,239.895 m	2,550.274 m	2,550.356 m
K0+160,000	110,290.035 m	101,259.372 m	2,550.446 m	2,550.492 m
K0+180,000	110,285.489 m	101,278.848 m	2,550.618 m	2,550.627 m
K0+200,000	110,280.944 m	101,298.325 m	2,550.790 m	2,550.762 m
K0+220,000	110,276.398 m	101,317.802 m	2,550.961 m	2,550.897 m
K0+240,000	110,271.852 m	101,337.278 m	2,551.000 m	2,550.967 m
K0+260,000	110,267.290 m	101,356.751 m	2,551.023 m	2,551.029 m
K0+280,000	110,262.508 m	101,376.171 m	2,551.031 m	2,551.090 m
K0+300,000	110,257.457 m	101,395.522 m	2,551.084 m	2,551.151 m
K0+320,000	110,252.332 m	101,414.854 m	2,551.153 m	2,551.212 m
K0+340,000	110,247.207 m	101,434.186 m	2,551.221 m	2,551.273 m
K0+360,000	110,242.082 m	101,453.519 m	2,551.289 m	2,551.334 m
K0+380,000	110,236.957 m	101,472.851 m	2,551.358 m	2,551.396 m
K0+400,000	110,231.832 m	101,492.183 m	2,551.426 m	2,551.457 m
K0+420,000	110,226.707 m	101,511.515 m	2,551.495 m	2,551.518 m
K0+440,000	110,221.582 m	101,530.848 m	2,551.563 m	2,551.579 m
K0+460,000	110,216.457 m	101,550.180 m	2,551.631 m	2,551.640 m
K0+480,000	110,211.332 m	101,569.512 m	2,551.700 m	2,551.702 m
K0+485,270	110,209.982 m	101,574.606 m	2,551.718 m	

CARTERA DE RASANTE

Alineamiento Vertical Eje: suba n_100 _W

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+308,453

Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,478.340 m	101,277.826 m	2,550.486 m	2,550.906 m
K0+020,000	110,459.486 m	101,284.499 m	2,550.548 m	2,551.094 m
K0+040,000	110,440.632 m	101,291.172 m	2,550.551 m	2,551.045 m
K0+060,000	110,421.767 m	101,297.814 m	2,550.593 m	2,551.002 m
K0+080,000	110,402.899 m	101,304.446 m	2,550.610 m	2,551.011 m
K0+100,000	110,384.030 m	101,311.079 m	2,550.650 m	2,551.019 m
K0+120,000	110,365.162 m	101,317.711 m	2,550.707 m	2,551.027 m
K0+140,000	110,346.294 m	101,324.344 m	2,550.771 m	2,551.036 m
K0+160,000	110,326.873 m	101,326.673 m	2,550.820 m	2,551.044 m
K0+180,000	110,312.712 m	101,313.532 m	2,550.787 m	2,551.002 m
K0+200,000	110,313.317 m	101,293.925 m	2,550.668 m	2,550.860 m
K0+220,000	110,317.705 m	101,274.412 m	2,550.535 m	2,550.688 m
K0+240,000	110,322.094 m	101,254.900 m	2,550.384 m	2,550.536 m

K0+260,000	110,326.482 m	101,235.387 m	2,550.232 m	2,550.384 m
K0+280,000	110,330.871 m	101,215.875 m	2,550.081 m	2,550.232 m
K0+300,000	110,335.259 m	101,196.362 m	2,549.910 m	2,550.051 m
K0+308,453	110,337.114 m	101,188.115 m	2,549.730 m	2,549.848 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: SUBA N_S mixto

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+731,398

Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,618.878 m	101,207.586 m	2,550.408 m	2,550.408 m
K0+020,000	110,601.802 m	101,217.999 m	2,550.249 m	2,550.476 m
K0+040,000	110,584.727 m	101,228.411 m	2,550.156 m	2,550.544 m
K0+060,000	110,567.651 m	101,238.824 m	2,550.181 m	2,550.613 m
K0+080,000	110,550.478 m	101,249.074 m	2,550.233 m	2,550.681 m
K0+100,000	110,532.886 m	101,258.583 m	2,550.309 m	2,550.749 m
K0+120,000	110,514.879 m	101,267.284 m	2,550.397 m	2,550.817 m
K0+140,000	110,496.496 m	101,275.158 m	2,550.478 m	2,550.886 m
K0+160,000	110,477.776 m	101,282.193 m	2,550.534 m	2,550.954 m
K0+180,000	110,458.928 m	101,288.883 m	2,550.595 m	2,551.022 m
K0+200,000	110,440.080 m	101,295.573 m	2,550.590 m	2,550.948 m
K0+220,000	110,421.232 m	101,302.263 m	2,550.622 m	2,550.588 m
K0+240,000	110,402.384 m	101,308.953 m	2,550.639 m	2,549.942 m
K0+260,000	110,383.536 m	101,315.643 m	2,550.680 m	2,549.011 m
K0+280,000	110,364.689 m	101,322.332 m	2,550.737 m	2,547.795 m
K0+300,000	110,345.841 m	101,329.022 m	2,550.802 m	2,546.436 m
K0+320,000	110,326.993 m	101,335.712 m	2,550.875 m	2,545.127 m
K0+340,000	110,308.145 m	101,342.402 m	2,550.976 m	2,544.169 m
K0+360,000	110,289.029 m	101,348.254 m	2,551.007 m	2,543.611 m
K0+380,000	110,269.506 m	101,352.592 m	2,551.019 m	2,543.454 m
K0+400,000	110,249.972 m	101,356.885 m	2,551.021 m	2,543.698 m
K0+420,000	110,230.795 m	101,362.533 m	2,551.017 m	2,544.342 m
K0+440,000	110,212.013 m	101,369.407 m	2,551.012 m	2,545.387 m
K0+460,000	110,193.242 m	101,376.308 m	2,551.009 m	2,546.783 m
K0+480,000	110,174.470 m	101,383.210 m	2,551.003 m	2,548.229 m
K0+500,000	110,155.709 m	101,390.139 m	2,551.005 m	2,549.483 m
K0+520,000	110,137.092 m	101,397.445 m	2,550.981 m	2,550.354 m
K0+540,000	110,118.668 m	101,405.226 m	2,550.920 m	2,550.841 m
K0+560,000	110,100.451 m	101,413.479 m	2,550.866 m	2,550.945 m
K0+580,000	110,082.350 m	101,421.985 m	2,550.820 m	2,550.857 m
K0+600,000	110,064.249 m	101,430.493 m	2,550.782 m	2,550.769 m
K0+620,000	110,046.149 m	101,439.000 m	2,550.767 m	2,550.681 m
K0+640,000	110,028.049 m	101,447.507 m	2,550.764 m	2,550.593 m

K0+660,000	110,009.948 m	101,456.014 m	2,550.730 m	2,550.505 m
K0+680,000	109,991.848 m	101,464.522 m	2,550.620 m	2,550.417 m
K0+700,000	109,973.747 m	101,473.029 m	2,550.453 m	2,550.329 m
K0+720,000	109,955.647 m	101,481.536 m	2,550.287 m	2,550.242 m
K0+731,398	109,945.332 m	101,486.384 m	2,550.191 m	2,550.191 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: SUBA N_S_transmi

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+733,132

Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,623.058 m	101,214.467 m	2,550.483 m	2,550.483 m
K0+020,000	110,605.941 m	101,224.812 m	2,550.323 m	2,550.544 m
K0+040,000	110,588.824 m	101,235.156 m	2,550.207 m	2,550.606 m
K0+060,000	110,571.707 m	101,245.501 m	2,550.261 m	2,550.668 m
K0+080,000	110,554.571 m	101,255.813 m	2,550.318 m	2,550.730 m
K0+100,000	110,537.094 m	101,265.535 m	2,550.397 m	2,550.791 m
K0+120,000	110,519.195 m	101,274.453 m	2,550.482 m	2,550.853 m
K0+140,000	110,500.909 m	101,282.549 m	2,550.568 m	2,550.915 m
K0+160,000	110,482.307 m	101,289.894 m	2,550.627 m	2,550.977 m
K0+180,000	110,463.655 m	101,297.111 m	2,550.666 m	2,551.039 m
K0+200,000	110,445.002 m	101,304.329 m	2,550.638 m	2,550.961 m
K0+220,000	110,426.350 m	101,311.547 m	2,550.695 m	2,550.603 m
K0+240,000	110,407.698 m	101,318.764 m	2,550.712 m	2,549.965 m
K0+260,000	110,389.046 m	101,325.982 m	2,550.748 m	2,549.048 m
K0+280,000	110,370.394 m	101,333.200 m	2,550.795 m	2,547.852 m
K0+300,000	110,351.741 m	101,340.417 m	2,550.867 m	2,546.515 m
K0+320,000	110,333.089 m	101,347.635 m	2,550.939 m	2,545.227 m
K0+340,000	110,314.394 m	101,354.737 m	2,550.997 m	2,544.278 m
K0+360,000	110,295.117 m	101,360.017 m	2,551.009 m	2,543.717 m
K0+380,000	110,275.339 m	101,362.920 m	2,551.020 m	2,543.544 m
K0+400,000	110,255.491 m	101,365.358 m	2,551.031 m	2,543.758 m
K0+420,000	110,236.001 m	101,369.795 m	2,551.029 m	2,544.360 m
K0+440,000	110,217.056 m	101,376.193 m	2,551.024 m	2,545.350 m
K0+460,000	110,198.196 m	101,382.850 m	2,551.020 m	2,546.679 m
K0+480,000	110,179.336 m	101,389.506 m	2,551.016 m	2,548.056 m
K0+500,000	110,160.502 m	101,396.233 m	2,551.011 m	2,549.387 m
K0+520,000	110,141.827 m	101,403.390 m	2,551.002 m	2,550.389 m
K0+540,000	110,123.342 m	101,411.025 m	2,550.965 m	2,551.015 m
K0+560,000	110,105.060 m	101,419.133 m	2,550.910 m	2,551.265 m
K0+580,000	110,086.942 m	101,427.604 m	2,550.866 m	2,551.187 m
K0+600,000	110,068.837 m	1,014.361 m	2,550.828 m	2,551.062 m
K0+620,000	110,050.731 m	101,444.596 m	2,550.815 m	2,550.937 m

K0+640,000	110,032.625 m	101,453.092 m	2,550.811 m	2,550.811 m
K0+660,000	110,014.520 m	101,461.589 m	2,550.782 m	2,550.685 m
K0+680,000	109,996.414 m	101,470.085 m	2,550.665 m	2,550.558 m
K0+700,000	109,978.308 m	101,478.581 m	2,550.498 m	2,550.432 m
K0+720,000	109,960.203 m	101,487.077 m	2,550.331 m	2,550.305 m
K0+733,132	109,948.315 m	101,492.656 m	2,550.222 m	2,550.222 m

CARTERA DE RASANTE				
Alineamiento Vertical Eje: SUBA S_N mixto				
Abscisa Inicio	K0+00.000		**Abscisa Fin**	K0+734,175
Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	109,956.053 m	10,150.899 m	2,550.309 m	2,550.309 m
K0+020,000	109,974.155 m	101,500.487 m	2,550.509 m	2,550.442 m
K0+040,000	109,992.258 m	101,491.985 m	2,550.634 m	2,550.575 m
K0+060,000	110,010.361 m	101,483.482 m	2,550.801 m	2,550.708 m
K0+080,000	110,028.463 m	101,474.979 m	2,550.912 m	2,550.841 m
K0+100,000	110,046.611 m	101,466.575 m	2,550.937 m	2,550.905 m
K0+120,000	110,064.858 m	101,458.387 m	2,550.940 m	2,550.819 m
K0+140,000	110,083.106 m	101,450.200 m	2,550.955 m	2,550.732 m
K0+160,000	110,101.353 m	101,442.013 m	2,550.992 m	2,550.646 m
K0+180,000	110,119.703 m	101,434.060 m	2,550.996 m	2,550.400 m
K0+200,000	110,138.252 m	101,426.581 m	2,550.999 m	2,549.678 m
K0+220,000	110,156.987 m	101,419.582 m	2,551.012 m	2,548.472 m
K0+240,000	110,175.888 m	101,413.046 m	2,551.024 m	2,546.942 m
K0+260,000	110,194.831 m	101,406.630 m	2,551.036 m	2,545.422 m
K0+280,000	110,213.774 m	101,400.214 m	2,551.048 m	2,544.188 m
K0+300,000	110,232.717 m	101,393.798 m	2,551.055 m	2,543.329 m
K0+320,000	110,251.921 m	101,388.241 m	2,551.051 m	2,542.845 m
K0+340,000	110,271.566 m	101,384.522 m	2,551.056 m	2,542.735 m
K0+360,000	110,291.291 m	101,381.221 m	2,551.062 m	2,543.001 m
K0+380,000	110,310.677 m	101,376.338 m	2,551.041 m	2,543.641 m
K0+400,000	110,329.515 m	101,369.635 m	2,551.004 m	2,544.638 m
K0+420,000	110,348.216 m	101,362.544 m	2,551.000 m	2,545.723 m
K0+440,000	110,366.917 m	101,355.454 m	2,550.939 m	2,546.808 m
K0+460,000	110,385.618 m	101,348.363 m	2,550.894 m	2,547.894 m
K0+480,000	110,404.319 m	101,341.273 m	2,550.856 m	2,548.979 m
K0+500,000	110,423.020 m	101,334.182 m	2,550.835 m	2,549.963 m
K0+520,000	110,441.721 m	101,327.092 m	2,550.839 m	2,550.643 m
K0+540,000	110,460.421 m	101,320.001 m	2,550.868 m	2,551.015 m
K0+560,000	110,479.122 m	101,312.911 m	2,550.879 m	2,551.079 m
K0+580,000	110,497.680 m	101,305.459 m	2,550.821 m	2,550.935 m
K0+600,000	110,515.882 m	101,297.174 m	2,550.747 m	2,550.787 m

K0+620,000	110,533.688 m	101,288.070 m	2,550.654 m	2,550.638 m
K0+640,000	110,551.079 m	101,278.196 m	2,550.547 m	2,550.489 m
K0+660,000	110,568.348 m	101,268.108 m	2,550.477 m	2,550.443 m
K0+680,000	110,585.618 m	101,258.020 m	2,550.425 m	2,550.500 m
K0+700,000	110,602.888 m	101,247.933 m	2,550.422 m	2,550.556 m
K0+720,000	110,620.157 m	101,237.845 m	2,550.539 m	2,550.613 m
K0+734,175	110,632.397 m	101,230.695 m	2,550.653 m	2,550.653 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: SUBA S_N_transmi

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+734,907

Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	109,951.516 m	101,499.340 m	2,550.279 m	2,550.279 m
K0+020,000	109,969.554 m	101,490.701 m	2,550.420 m	2,550.431 m
K0+040,000	109,987.592 m	101,482.063 m	2,550.586 m	2,550.582 m
K0+060,000	110,005.630 m	101,473.425 m	2,550.753 m	2,550.733 m
K0+080,000	110,023.669 m	101,464.786 m	2,550.842 m	2,550.857 m
K0+100,000	110,041.707 m	101,456.148 m	2,550.860 m	2,550.817 m
K0+120,000	110,059.745 m	101,447.509 m	2,550.860 m	2,550.749 m
K0+140,000	110,077.783 m	101,438.871 m	2,550.879 m	2,550.682 m
K0+160,000	110,095.847 m	101,430.287 m	2,550.916 m	2,550.614 m
K0+180,000	110,114.128 m	101,422.177 m	2,550.965 m	2,550.383 m
K0+200,000	110,132.650 m	101,414.632 m	2,550.997 m	2,549.670 m
K0+220,000	110,151.395 m	101,407.661 m	2,551.009 m	2,548.467 m
K0+240,000	110,170.345 m	101,401.270 m	2,551.024 m	2,546.937 m
K0+260,000	110,189.479 m	101,395.451 m	2,551.030 m	2,545.418 m
K0+280,000	110,208.669 m	101,389.816 m	2,551.036 m	2,544.185 m
K0+300,000	110,227.859 m	101,384.181 m	2,551.042 m	2,543.327 m
K0+320,000	110,247.241 m	101,379.286 m	2,551.040 m	2,542.843 m
K0+340,000	110,267.042 m	101,376.519 m	2,551.029 m	2,542.734 m
K0+360,000	110,286.899 m	101,374.144 m	2,551.031 m	2,543.000 m
K0+380,000	110,306.432 m	101,369.909 m	2,551.033 m	2,543.640 m
K0+400,000	110,325.321 m	101,363.363 m	2,551.002 m	2,544.636 m
K0+420,000	110,343.998 m	101,356.209 m	2,550.977 m	2,545.721 m
K0+440,000	110,362.675 m	101,349.056 m	2,550.904 m	2,546.805 m
K0+460,000	110,381.352 m	101,341.902 m	2,550.851 m	2,547.889 m
K0+480,000	110,400.028 m	101,334.748 m	2,550.806 m	2,548.973 m
K0+500,000	110,418.705 m	101,327.594 m	2,550.786 m	2,549.961 m
K0+520,000	110,437.382 m	101,320.440 m	2,550.795 m	2,550.664 m
K0+540,000	110,456.059 m	101,313.286 m	2,550.785 m	2,551.079 m
K0+560,000	110,474.735 m	101,306.132 m	2,550.792 m	2,551.204 m
K0+580,000	110,493.281 m	101,298.648 m	2,550.741 m	2,551.137 m

K0+600,000	110,511.469 m	101,290.334 m	2,550.662 m	2,551.065 m
K0+620,000	110,529.261 m	101,281.204 m	2,550.567 m	2,550.992 m
K0+640,000	110,546.631 m	101,271.292 m	2,550.466 m	2,550.920 m
K0+660,000	110,563.859 m	101,261.134 m	2,550.388 m	2,550.848 m
K0+680,000	110,581.087 m	101,250.976 m	2,550.341 m	2,550.776 m
K0+700,000	110,598.316 m	101,240.818 m	2,550.334 m	2,550.703 m
K0+720,000	110,615.544 m	101,230.661 m	2,550.457 m	2,550.631 m
K0+734,907	110,628.386 m	101,223.089 m	2,550.577 m	2,550.577 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: SUBA_N-100_E

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+458,686

Abscisa	**Norte**	**Este**	**Cota Terreno**	**Cota Rasante**
K0+000,000	110,490.645 m	101,280.002 m	2,550.531 m	2,550.967 m
K0+020,000	110,471.714 m	101,286.452 m	2,550.575 m	2,550.982 m
K0+040,000	110,452.782 m	101,292.902 m	2,550.595 m	2,551.108 m
K0+060,000	110,433.851 m	101,299.352 m	2,550.636 m	2,551.468 m
K0+080,000	110,414.920 m	101,305.802 m	2,550.636 m	2,552.061 m
K0+100,000	110,395.988 m	101,312.252 m	2,550.658 m	2,552.888 m
K0+120,000	110,377.057 m	101,318.702 m	2,550.699 m	2,553.832 m
K0+140,000	110,358.125 m	101,325.151 m	2,550.764 m	2,554.776 m
K0+160,000	110,339.194 m	101,331.601 m	2,550.828 m	2,555.721 m
K0+180,000	110,320.263 m	101,338.051 m	2,550.910 m	2,556.665 m
K0+200,000	110,301.452 m	101,344.825 m	2,550.998 m	2,557.609 m
K0+220,000	110,284.040 m	101,354.598 m	2,551.013 m	2,558.485 m
K0+240,000	110,268.918 m	101,367.636 m	2,551.025 m	2,558.830 m
K0+260,000	110,256.687 m	101,383.418 m	2,551.038 m	2,558.555 m
K0+280,000	110,247.835 m	101,401.315 m	2,551.097 m	2,557.660 m
K0+300,000	110,242.176 m	101,420.488 m	2,551.164 m	2,556.212 m
K0+320,000	110,236.946 m	101,439.792 m	2,551.233 m	2,554.677 m
K0+340,000	110,231.716 m	101,459.096 m	2,551.301 m	2,553.156 m
K0+360,000	110,226.486 m	101,478.400 m	2,551.369 m	2,552.027 m
K0+380,000	110,221.256 m	101,497.704 m	2,551.437 m	2,551.453 m
K0+400,000	110,216.026 m	101,517.009 m	2,551.505 m	2,551.412 m
K0+420,000	110,210.797 m	101,536.313 m	2,551.571 m	2,551.469 m
K0+440,000	110,205.567 m	101,555.617 m	2,551.634 m	2,551.525 m
K0+458,686	110,200.680 m	101,573.653 m	2,551.694 m	2,551.579 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: suba_s_100_e

Abscisa Inicio	K0+00.000	**Abscisa Fin**	K0+320,000

Abscisa	Norte	Este	Cota Terreno	Cota Rasante
K0+000,000	110,042.336 m	101,472.058 m	2,550.954 m	2,550.996 m
K0+020,000	110,061.238 m	101,465.521 m	2,550.971 m	2,550.807 m
K0+040,000	110,080.140 m	101,458.985 m	2,550.991 m	2,550.617 m
K0+060,000	110,099.041 m	101,452.449 m	2,551.002 m	2,550.428 m
K0+080,000	110,117.943 m	101,445.913 m	2,551.012 m	2,550.238 m
K0+100,000	110,136.833 m	101,439.342 m	2,551.019 m	2,550.155 m
K0+120,000	110,155.696 m	101,432.695 m	2,551.033 m	2,550.281 m
K0+140,000	110,174.559 m	101,426.049 m	2,551.050 m	2,550.413 m
K0+160,000	110,193.624 m	101,420.172 m	2,551.075 m	2,550.545 m
K0+180,000	110,212.301 m	101,425.815 m	2,551.145 m	2,550.676 m
K0+200,000	110,221.794 m	101,442.860 m	2,551.233 m	2,550.808 m
K0+220,000	110,218.326 m	101,462.380 m	2,551.298 m	2,550.940 m
K0+240,000	110,212.746 m	101,481.585 m	2,551.360 m	2,551.072 m
K0+260,000	110,207.165 m	101,500.791 m	2,551.421 m	2,551.204 m
K0+280,000	110,202.217 m	101,520.161 m	2,551.488 m	2,551.336 m
K0+300,000	110,197.717 m	101,539.649 m	2,551.558 m	2,551.468 m
K0+320,000	110,193.217 m	101,559.136 m	2,551.628 m	2,551.600 m

CARTERA DE RASANTE

Alineamiento Vertical Eje: SUBA_S-100_W

Abscisa Inicio	K0+00.000	Abscisa Fin	K0+609,004

Abscisa	Norte	Este	Cota Terreno	Cota Rasante
K0+000,000	109,954.687 m	101,506.086 m	2,550.278 m	2,550.245 m
K0+020,000	109,972.787 m	101,497.576 m	2,550.477 m	2,550.378 m
K0+040,000	109,990.886 m	101,489.066 m	2,550.620 m	2,550.510 m
K0+060,000	110,008.985 m	101,480.557 m	2,550.787 m	2,550.643 m
K0+080,000	110,027.085 m	101,472.047 m	2,550.892 m	2,550.776 m
K0+100,000	110,045.254 m	101,463.692 m	2,550.916 m	2,550.949 m
K0+120,000	110,063.583 m	10,145.569 m	2,550.919 m	2,551.717 m
K0+140,000	110,081.913 m	101,447.688 m	2,550.938 m	2,552.697 m
K0+160,000	110,100.242 m	101,439.686 m	2,550.979 m	2,553.676 m
K0+180,000	110,118.572 m	101,431.685 m	2,550.992 m	2,554.655 m
K0+200,000	110,136.902 m	101,423.683 m	2,550.998 m	2,555.635 m
K0+220,000	110,155.231 m	101,415.681 m	2,551.012 m	2,556.614 m
K0+240,000	110,173.561 m	101,407.679 m	2,551.024 m	2,557.593 m
K0+260,000	11,019.189 m	101,399.677 m	2,551.036 m	2,558.572 m
K0+280,000	110,210.189 m	101,391.607 m	2,551.039 m	2,559.552 m
K0+300,000	110,228.067 m	101,382.655 m	2,551.040 m	2,560.301 m
K0+320,000	110,244.844 m	101,371.791 m	2,551.037 m	2,560.589 m

K0+340,000	110,260.135 m	101,358.920 m	2,551.026 m	2,560.416 m
K0+360,000	110,273.702 m	101,344.243 m	2,551.004 m	2,559.782 m
K0+380,000	110,285.334 m	101,327.990 m	2,550.984 m	2,558.688 m
K0+400,000	110,294.849 m	101,310.413 m	2,550.805 m	2,557.363 m
K0+420,000	110,302.099 m	101,291.787 m	2,550.662 m	2,556.038 m
K0+440,000	110,307.337 m	101,272.490 m	2,550.512 m	2,554.713 m
K0+460,000	110,311.753 m	101,252.984 m	2,550.359 m	2,553.388 m
K0+480,000	110,316.124 m	101,233.467 m	2,550.205 m	2,552.063 m
K0+500,000	110,320.494 m	101,213.951 m	2,550.052 m	2,550.738 m
K0+520,000	110,324.864 m	101,194.434 m	2,549.995 m	2,549.844 m
K0+540,000	110,329.348 m	101,174.944 m	2,549.468 m	2,549.366 m
K0+560,000	110,333.920 m	101,155.473 m	2,549.000 m	2,548.914 m
K0+580,000	110,338.492 m	101,136.003 m	2,548.753 m	2,548.591 m
K0+600,000	110,343.064 m	101,116.532 m	2,548.030 m	2,547.938 m
K0+609,004	110,345.122 m	101,107.767 m	2,547.989 m	2,547.887 m