

| VOLOS ENGENHARIA | | | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|---------------|---------|------------------------------------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|--------|--|------------|--|
| | | | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | |
| | | | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | MAR/25 | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | | | |
| 0+0,000 | | | | | | 874,065 | | | | | | | | 0,000 | 0,000 | 0,000 | 0,000 | | | |
| 1+0,000 | | | | -8,039 | 874,030 | 874,143 | 874,271 | -0,13 | 5,153 | 874,116 | 5,204 | 874,167 | 0,051 | 0,385 | 18,651 | 0,385 | 18,651 | | | |
| 1+1,927 | -8,391 | 873,738 | -0,290 | -7,957 | 874,028 | 874,133 | 874,267 | -0,13 | 5,153 | 874,112 | 5,208 | 874,167 | 0,055 | 0,078 | 3,588 | 0,463 | 22,239 | | | |
| 2+0,000 | -7,903 | 873,953 | 0,086 | -7,817 | 873,868 | 874,029 | 874,102 | -0,07 | 5,153 | 873,948 | 5,224 | 874,018 | 0,071 | 4,596 | 18,491 | 5,059 | 40,731 | | | |
| 2+3,855 | -7,893 | 873,950 | 0,129 | -7,764 | 873,821 | 873,991 | 874,054 | -0,06 | 5,153 | 873,899 | 5,234 | 873,980 | 0,081 | 2,003 | 0,633 | 7,062 | 41,363 | | | |
| 3+0,000 | -7,556 | 873,906 | 0,274 | -7,283 | 873,632 | 873,832 | 873,851 | -0,02 | 5,153 | 873,696 | 5,303 | 873,846 | 0,149 | 14,619 | 1,203 | 21,681 | 42,566 | | | |
| 4+0,000 | -6,929 | 873,687 | 0,286 | -6,642 | 873,400 | 873,599 | 873,600 | 0,00 | 5,153 | 873,445 | 5,306 | 873,598 | 0,153 | 29,173 | 0,102 | 50,855 | 42,668 | | | |
| 4+9,443 | -6,634 | 873,583 | 0,292 | -6,342 | 873,291 | 873,492 | 873,481 | 0,01 | 5,153 | 873,326 | 5,312 | 873,485 | 0,158 | 16,033 | 0,000 | 66,888 | 42,668 | | | |
| 5+0,000 | -6,402 | 873,491 | 0,325 | -6,077 | 873,166 | 873,348 | 873,348 | 0,00 | 5,153 | 873,194 | 5,317 | 873,357 | 0,163 | 17,657 | 0,000 | 84,545 | 42,668 | | | |
| 6+0,000 | -6,309 | 873,239 | 0,322 | -5,987 | 872,917 | 873,099 | 873,097 | 0,00 | 5,153 | 872,942 | 5,374 | 873,163 | 0,221 | 33,118 | 0,000 | 117,663 | 42,668 | | | |
| 7+0,000 | -6,306 | 872,995 | 0,329 | -5,977 | 872,666 | 872,853 | 872,846 | 0,01 | 5,153 | 872,691 | 5,350 | 872,888 | 0,197 | 34,429 | 0,000 | 152,092 | 42,668 | | | |
| 7+2,779 | -6,296 | 872,953 | 0,321 | -5,974 | 872,632 | 872,818 | 872,811 | 0,01 | 5,153 | 872,656 | 5,350 | 872,853 | 0,196 | 4,882 | 0,000 | 156,974 | 42,668 | | | |
| 8+0,000 | -6,346 | 872,698 | 0,285 | -6,060 | 872,413 | 872,594 | 872,594 | 0,00 | 5,153 | 872,440 | 5,350 | 872,637 | 0,197 | 29,456 | 0,000 | 186,430 | 42,668 | | | |
| 9+0,000 | -6,491 | 872,474 | 0,309 | -6,182 | 872,164 | 872,351 | 872,350 | 0,00 | 5,153 | 872,195 | 5,360 | 872,401 | 0,206 | 32,713 | 0,000 | 219,142 | 42,668 | | | |
| 9+16,116 | -6,459 | 872,255 | 0,288 | -6,171 | 871,967 | 872,153 | 872,153 | 0,00 | 5,153 | 871,998 | 5,353 | 872,197 | 0,199 | 23,638 | 0,000 | 242,781 | 42,668 | | | |
| 10+0,000 | -6,515 | 872,226 | 0,307 | -6,208 | 871,919 | 872,105 | 872,105 | 0,00 | 5,153 | 871,951 | 5,351 | 872,148 | 0,198 | 5,587 | 0,000 | 248,368 | 42,668 | | | |
| 11+0,000 | | | | -6,250 | 871,702 | 871,878 | 871,889 | -0,01 | 5,153 | 871,735 | 5,476 | 872,057 | 0,323 | 27,923 | 0,046 | 276,291 | 42,714 | | | |
| 12+0,000 | -6,583 | 871,815 | 0,329 | -6,254 | 871,486 | 871,691 | 871,674 | 0,02 | 5,153 | 871,519 | 5,552 | 871,918 | 0,399 | 29,510 | 0,046 | 305,801 | 42,761 | | | |
| 13+0,000 | -6,461 | 871,623 | 0,342 | -6,119 | 871,281 | 871,518 | 871,465 | 0,05 | 5,153 | 871,310 | 5,582 | 871,739 | 0,429 | 35,901 | 0,000 | 341,702 | 42,761 | | | |
| 14+0,000 | -6,298 | 871,419 | 0,295 | -6,003 | 871,124 | 871,355 | 871,304 | 0,05 | 5,153 | 871,150 | 5,620 | 871,616 | 0,466 | 35,577 | 0,000 | 377,280 | 42,761 | | | |
| 15+0,000 | -6,208 | 871,307 | 0,286 | -5,921 | 871,021 | 871,266 | 871,199 | 0,07 | 5,153 | 871,044 | 5,590 | 871,480 | 0,436 | 33,490 | 0,000 | 410,770 | 42,761 | | | |
| 16+0,000 | -6,138 | 871,249 | 0,277 | -5,862 | 870,973 | 871,225 | 871,148 | 0,08 | 5,153 | 870,994 | 5,446 | 871,287 | 0,293 | 33,293 | 0,000 | 444,063 | 42,761 | | | |
| 17+0,000 | -6,039 | 871,178 | 0,200 | -5,839 | 870,978 | 871,205 | 871,153 | 0,05 | 5,153 | 870,999 | 5,379 | 871,225 | 0,226 | 28,695 | 0,000 | 472,758 | 42,761 | | | |
| 17+6,497 | -5,986 | 871,189 | 0,196 | -5,790 | 870,993 | 871,203 | 871,167 | 0,04 | 5,153 | 871,012 | 5,340 | 871,199 | 0,187 | 7,012 | 0,000 | 479,770 | 42,761 | | | |
| 18+0,000 | -5,746 | 871,203 | 0,164 | -5,583 | 871,039 | 871,200 | 871,207 | -0,01 | 5,153 | 871,052 | 5,254 | 871,153 | 0,101 | 8,735 | 0,016 | 488,505 | 42,777 | | | |
| 18+15,644 | -5,707 | 871,239 | 0,152 | -5,555 | 871,087 | 871,234 | 871,254 | -0,02 | 5,153 | 871,099 | | | | 7,588 | 0,460 | 496,093 | 43,237 | | | |
| 19+0,000 | -5,632 | 871,231 | 0,129 | -5,503 | 871,102 | 871,242 | 871,267 | -0,03 | 5,153 | 871,112 | | | | 3,023 | 0,317 | 499,116 | 43,554 | | | |
| 20+0,000 | -5,443 | 871,243 | 0,077 | -5,366 | 871,166 | 871,293 | 871,327 | -0,03 | 5,153 | 871,172 | 5,414 | 871,433 | 0,260 | 13,973 | 2,385 | 513,089 | 45,939 | | | |
| 20+4,791 | -5,404 | 871,244 | 0,063 | -5,341 | 871,181 | 871,322 | 871,341 | -0,02 | 5,153 | 871,187 | 5,417 | 871,451 | 0,264 | 3,058 | 0,647 | 516,147 | 46,587 | | | |
| 20+17,371 | -5,351 | 871,256 | 0,036 | -5,315 | 871,220 | 871,369 | 871,379 | -0,01 | 5,153 | 871,225 | 5,502 | 871,574 | 0,349 | 8,599 | 1,979 | 524,746 | 48,565 | | | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | MAR/25 | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | |
| 21+0,000 | -5,334 | 871,257 | 0,029 | -5,305 | 871,228 | 871,378 | 871,387 | -0,01 | 5,153 | 871,232 | 5,521 | 871,600 | 0,367 | 1,910 | 0,510 | 526,656 | 49,076 | |
| 22+0,000 | | | | -5,161 | 871,312 | 871,471 | 871,467 | 0,00 | 5,153 | 871,313 | 5,559 | 871,718 | 0,406 | 16,310 | 2,916 | 542,967 | 51,991 | |
| 23+0,000 | -5,066 | 871,377 | -0,061 | -4,974 | 871,438 | 871,609 | 871,588 | 0,02 | 5,153 | 871,433 | 5,463 | 871,743 | 0,310 | 18,506 | 2,034 | 561,473 | 54,026 | |
| 24+0,000 | -4,839 | 871,639 | 0,035 | -4,804 | 871,604 | 871,779 | 871,748 | 0,03 | 5,153 | 871,594 | 5,410 | 871,851 | 0,257 | 18,492 | 1,065 | 579,965 | 55,091 | |
| 25+0,000 | -4,633 | 871,810 | 0,000 | -4,633 | 871,810 | 871,974 | 871,949 | 0,03 | 5,153 | 871,794 | 5,319 | 871,960 | 0,166 | 15,218 | 0,000 | 595,183 | 55,091 | |
| 25+1,682 | -4,659 | 871,802 | -0,027 | -4,619 | 871,829 | 871,991 | 871,968 | 0,02 | 5,153 | 871,813 | 5,316 | 871,976 | 0,163 | 1,040 | 0,003 | 596,223 | 55,095 | |
| 26+0,000 | -4,482 | 872,042 | -0,014 | -4,461 | 872,056 | 872,204 | 872,190 | 0,01 | 5,153 | 872,035 | 5,326 | 872,208 | 0,173 | 10,422 | 0,047 | 606,645 | 55,142 | |
| 27+0,000 | -4,309 | 872,344 | 0,022 | -4,287 | 872,322 | 872,476 | 872,451 | 0,03 | 5,153 | 872,296 | 5,280 | 872,422 | 0,126 | 11,414 | 0,013 | 618,059 | 55,155 | |
| 28+0,000 | -4,151 | 872,628 | 0,039 | -4,111 | 872,589 | 872,716 | 872,712 | 0,00 | 5,153 | 872,557 | 5,301 | 872,705 | 0,148 | 10,252 | 0,000 | 628,312 | 55,155 | |
| 29+0,000 | -3,942 | 872,862 | 0,007 | -3,935 | 872,855 | 873,007 | 872,973 | 0,03 | 5,153 | 872,818 | 5,362 | 873,027 | 0,208 | 12,034 | 0,000 | 640,346 | 55,155 | |
| 29+5,993 | -3,955 | 873,007 | 0,073 | -3,882 | 872,935 | 873,088 | 873,051 | 0,04 | 5,153 | 872,896 | 5,369 | 873,112 | 0,215 | 4,705 | 0,000 | 645,050 | 55,155 | |
| 30+0,000 | -3,883 | 873,148 | 0,030 | -3,853 | 873,118 | 873,281 | 873,234 | 0,05 | 5,153 | 873,079 | 5,350 | 873,276 | 0,196 | 10,917 | 0,000 | 655,967 | 55,155 | |
| 31+0,000 | -3,994 | 873,285 | -0,094 | -3,853 | 873,379 | 873,536 | 873,495 | 0,04 | 5,153 | 873,340 | 5,308 | 873,494 | 0,154 | 12,708 | 1,790 | 668,675 | 56,945 | |
| 32+0,000 | | | | -3,853 | 873,640 | 873,798 | 873,756 | 0,04 | 5,153 | 873,601 | 5,352 | 873,800 | 0,199 | 11,088 | 1,790 | 679,763 | 58,736 | |
| 33+0,000 | -3,879 | 873,884 | -0,017 | -3,853 | 873,901 | 874,053 | 874,017 | 0,04 | 5,153 | 873,862 | 5,388 | 874,097 | 0,234 | 11,590 | 0,025 | 691,353 | 58,761 | |
| 34+0,000 | -3,861 | 874,157 | -0,005 | -3,853 | 874,162 | 874,290 | 874,278 | 0,01 | 5,153 | 874,123 | 5,261 | 874,231 | 0,108 | 7,072 | 0,031 | 698,425 | 58,792 | |
| 35+0,000 | -3,876 | 874,408 | -0,015 | -3,853 | 874,423 | 874,541 | 874,539 | 0,00 | 5,153 | 874,384 | 5,332 | 874,563 | 0,179 | 3,753 | 0,040 | 702,178 | 58,832 | |
| 36+0,000 | -3,861 | 874,692 | 0,007 | -3,853 | 874,684 | 874,794 | 874,800 | -0,01 | 5,153 | 874,645 | 5,434 | 874,925 | 0,280 | 5,281 | 0,095 | 707,459 | 58,926 | |
| 37+0,000 | -3,859 | 874,950 | 0,005 | -3,853 | 874,945 | 875,049 | 875,061 | -0,01 | 5,153 | 874,906 | 5,489 | 875,241 | 0,335 | 6,999 | 0,494 | 714,458 | 59,420 | |
| 38+0,000 | -3,863 | 875,200 | -0,007 | -3,853 | 875,206 | 875,318 | 875,322 | 0,00 | 5,153 | 875,167 | 5,468 | 875,481 | 0,314 | 7,212 | 0,495 | 721,670 | 59,916 | |
| 39+0,000 | -3,859 | 875,473 | 0,006 | -3,853 | 875,467 | 875,594 | 875,583 | 0,01 | 5,153 | 875,428 | 5,423 | 875,698 | 0,270 | 6,891 | 0,345 | 728,562 | 60,261 | |
| 40+0,000 | -3,860 | 875,734 | 0,006 | -3,853 | 875,728 | 875,853 | 875,844 | 0,01 | 5,153 | 875,689 | 5,506 | 876,042 | 0,353 | 7,933 | 0,946 | 736,494 | 61,207 | |
| 41+0,000 | -4,023 | 876,159 | 0,169 | -3,853 | 875,989 | 876,113 | 876,105 | 0,01 | 5,153 | 875,950 | 5,503 | 876,300 | 0,350 | 8,486 | 1,128 | 744,980 | 62,334 | |
| 42+0,000 | -4,004 | 876,400 | 0,150 | -3,853 | 876,250 | 876,364 | 876,366 | 0,00 | 5,153 | 876,211 | 5,280 | 876,337 | 0,126 | 6,651 | 0,469 | 751,631 | 62,804 | |
| 43+0,000 | | | | -3,853 | 876,461 | 876,629 | 876,577 | 0,05 | 5,153 | 876,422 | | | | 10,307 | 0,004 | 761,938 | 62,808 | |
| 44+0,000 | -3,924 | 876,741 | 0,071 | -3,853 | 876,671 | 876,870 | 876,786 | 0,08 | 5,153 | 876,632 | 5,397 | 876,875 | 0,243 | 18,085 | 0,000 | 780,023 | 62,808 | |
| 45+0,000 | -3,915 | 876,942 | 0,062 | -3,853 | 876,880 | 877,085 | 876,995 | 0,09 | 5,153 | 876,841 | 5,524 | 877,211 | 0,370 | 22,034 | 0,000 | 802,057 | 62,808 | |
| 46+0,000 | -3,908 | 877,143 | 0,054 | -3,853 | 877,089 | 877,272 | 877,204 | 0,07 | 5,153 | 877,050 | 5,561 | 877,458 | 0,408 | 21,896 | 0,000 | 823,953 | 62,808 | |
| 47+0,000 | -3,877 | 877,316 | 0,023 | -3,853 | 877,293 | 877,426 | 877,408 | 0,02 | 5,153 | 877,254 | 5,412 | 877,512 | 0,259 | 15,713 | 0,000 | 839,666 | 62,808 | |
| 48+0,000 | -3,964 | 877,570 | 0,110 | -3,853 | 877,460 | 877,563 | 877,575 | -0,01 | 5,153 | 877,421 | 5,370 | 877,637 | 0,217 | 7,511 | 1,110 | 847,177 | 63,918 | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | MAR/25 | |
| | | | | | | | | | | | | | | | | | | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | |
| 49+0,000 | -3,956 | 877,687 | 0,103 | -3,853 | 877,584 | 877,641 | 877,700 | -0,06 | 5,153 | 877,545 | 5,311 | 877,702 | 0,157 | 3,327 | 5,592 | 850,504 | 69,510 | |
| 50+0,000 | -3,961 | 877,595 | -0,072 | -3,853 | 877,666 | 877,719 | 877,782 | -0,06 | 5,153 | 877,627 | 5,314 | 877,788 | 0,161 | 2,302 | 8,971 | 852,806 | 78,481 | |
| 51+0,000 | -3,865 | 877,699 | -0,008 | -3,853 | 877,706 | 877,770 | 877,822 | -0,05 | 5,153 | 877,667 | 5,248 | 877,762 | 0,095 | 1,645 | 7,371 | 854,451 | 85,853 | |
| 51+14,850 | -3,952 | 877,807 | 0,098 | -3,853 | 877,709 | 877,792 | 877,824 | -0,03 | 5,153 | 877,670 | 5,292 | 877,809 | 0,139 | 2,033 | 4,050 | 856,484 | 89,903 | |
| 52+0,000 | -3,989 | 877,840 | 0,135 | -3,853 | 877,704 | 877,799 | 877,820 | -0,02 | 5,153 | 877,665 | 5,274 | 877,786 | 0,121 | 1,308 | 1,217 | 857,792 | 91,120 | |
| 53+0,000 | | | | -3,853 | 877,665 | 877,768 | 877,780 | -0,01 | 5,153 | 877,626 | 5,221 | 877,693 | 0,067 | 6,350 | 3,487 | 864,142 | 94,606 | |
| 54+0,000 | | | | -3,853 | 877,620 | 877,711 | 877,736 | -0,02 | 5,153 | 877,581 | 5,233 | 877,661 | 0,080 | 7,415 | 3,172 | 871,557 | 97,779 | |
| 55+0,000 | -5,154 | 877,538 | 0,001 | -5,153 | 877,537 | 877,674 | 877,691 | -0,02 | 5,153 | 877,537 | 5,328 | 877,711 | 0,175 | 10,508 | 2,783 | 882,066 | 100,562 | |
| 56+0,000 | -5,444 | 877,298 | -0,193 | -5,153 | 877,492 | 877,605 | 877,646 | -0,04 | 5,153 | 877,492 | 5,320 | 877,659 | 0,167 | 10,982 | 3,855 | 893,048 | 104,417 | |
| 57+0,000 | -5,698 | 877,084 | -0,363 | -5,153 | 877,447 | 877,558 | 877,602 | -0,04 | 5,153 | 877,447 | 5,232 | 877,525 | 0,078 | 7,971 | 6,006 | 901,018 | 110,423 | |
| 57+15,307 | -5,977 | 876,864 | -0,549 | -5,153 | 877,413 | 877,521 | 877,568 | -0,05 | 5,153 | 877,413 | 5,259 | 877,519 | 0,106 | 4,694 | 6,350 | 905,712 | 116,773 | |
| 58+0,000 | -5,983 | 876,850 | -0,553 | -5,153 | 877,403 | 877,507 | 877,557 | -0,05 | 5,153 | 877,403 | 5,260 | 877,509 | 0,106 | 1,211 | 2,616 | 906,923 | 119,389 | |
| 59+0,000 | -6,030 | 876,774 | -0,584 | -5,153 | 877,358 | 877,484 | 877,513 | -0,03 | 5,153 | 877,358 | 5,218 | 877,423 | 0,065 | 4,962 | 13,713 | 911,885 | 133,102 | |
| 60+0,000 | -6,182 | 876,628 | -0,686 | -5,153 | 877,313 | 877,434 | 877,468 | -0,03 | 5,153 | 877,313 | 5,255 | 877,415 | 0,101 | 4,524 | 18,322 | 916,409 | 151,424 | |
| 61+0,000 | -6,194 | 876,575 | -0,694 | -5,153 | 877,269 | 877,399 | 877,423 | -0,02 | 5,153 | 877,269 | 5,175 | 877,290 | 0,022 | 3,614 | 23,233 | 920,023 | 174,657 | |
| 62+0,000 | -6,170 | 876,547 | -0,678 | -5,153 | 877,224 | 877,356 | 877,379 | -0,02 | 5,153 | 877,224 | 5,184 | 877,254 | 0,030 | 3,976 | 23,034 | 923,999 | 197,692 | |
| 63+0,000 | -6,081 | 876,562 | -0,618 | -5,153 | 877,180 | 877,278 | 877,334 | -0,06 | 5,153 | 877,180 | 5,228 | 877,130 | -0,049 | 4,849 | 23,571 | 928,849 | 221,262 | |
| 63+15,764 | -6,015 | 876,570 | -0,574 | -5,153 | 877,144 | 877,234 | 877,299 | -0,07 | 5,153 | 877,144 | 5,184 | 877,124 | -0,020 | 4,275 | 19,567 | 933,123 | 240,830 | |
| 63+17,481 | -6,005 | 876,573 | -0,568 | -5,153 | 877,141 | 877,228 | 877,295 | -0,07 | 5,153 | 877,141 | 5,177 | 877,125 | -0,016 | 0,523 | 1,961 | 933,646 | 242,791 | |
| 64+0,000 | -5,989 | 876,578 | -0,557 | -5,153 | 877,135 | 877,219 | 877,290 | -0,07 | 5,153 | 877,135 | 5,167 | 877,126 | -0,009 | 0,805 | 2,754 | 934,451 | 245,546 | |
| 65+0,000 | -5,909 | 876,587 | -0,504 | -5,153 | 877,090 | 877,217 | 877,245 | -0,03 | 5,153 | 877,090 | 5,487 | 876,868 | -0,222 | 7,305 | 20,432 | 941,756 | 265,978 | |
| 65+14,567 | -6,027 | 876,476 | -0,582 | -5,153 | 877,058 | 877,172 | 877,213 | -0,04 | 5,153 | 877,058 | 5,296 | 876,963 | -0,095 | 4,907 | 15,857 | 946,663 | 281,835 | |
| 66+0,000 | -6,078 | 876,429 | -0,616 | -5,153 | 877,046 | 877,147 | 877,200 | -0,05 | 5,153 | 877,046 | 5,170 | 877,035 | -0,011 | 1,319 | 6,460 | 947,982 | 288,295 | |
| 67+0,000 | -6,159 | 876,331 | -0,670 | -5,153 | 877,001 | 877,091 | 877,156 | -0,06 | 5,153 | 877,001 | 5,162 | 877,010 | 0,008 | 4,249 | 24,885 | 952,231 | 313,180 | |
| 67+11,653 | -6,181 | 876,290 | -0,685 | -5,153 | 876,975 | 877,064 | 877,130 | -0,07 | 5,153 | 876,975 | 5,176 | 876,998 | 0,022 | 2,046 | 15,418 | 954,277 | 328,598 | |
| 68+0,000 | -6,201 | 876,259 | -0,698 | -5,153 | 876,957 | 877,047 | 877,111 | -0,06 | 5,153 | 876,957 | 5,227 | 877,030 | 0,074 | 1,179 | 10,771 | 955,456 | 339,369 | |
| 69+0,000 | -6,182 | 876,226 | -0,686 | -5,153 | 876,912 | 876,999 | 877,067 | -0,07 | 5,153 | 876,912 | 5,222 | 876,866 | -0,046 | 2,214 | 23,483 | 957,670 | 362,852 | |
| 70+0,000 | -6,084 | 876,247 | -0,620 | -5,153 | 876,867 | 876,947 | 877,022 | -0,07 | 5,153 | 876,867 | 5,213 | 876,927 | 0,059 | 1,067 | 20,468 | 958,737 | 383,320 | |
| 71+0,000 | -6,113 | 876,127 | -0,639 | -5,153 | 876,766 | 876,860 | 876,921 | -0,06 | 5,153 | 876,766 | 5,242 | 876,856 | 0,089 | 0,753 | 17,351 | 959,490 | 400,671 | |
| 72+0,000 | -5,968 | 876,068 | -0,543 | -5,153 | 876,611 | 876,756 | 876,765 | -0,01 | 5,153 | 876,611 | 5,329 | 876,786 | 0,175 | 2,134 | 12,741 | 961,623 | 413,411 | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | MAR/25 | |
| | | | | | | | | | | | | | | | | | | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | |
| 73+0,000 | -5,352 | 876,322 | -0,133 | -5,153 | 876,455 | 876,624 | 876,610 | 0,01 | 5,153 | 876,455 | 5,370 | 876,672 | 0,216 | 3,827 | 6,287 | 965,450 | 419,698 | |
| 74+0,000 | -5,286 | 876,211 | -0,088 | -5,153 | 876,299 | 876,447 | 876,454 | -0,01 | 5,153 | 876,299 | 5,312 | 876,458 | 0,159 | 3,453 | 3,351 | 968,903 | 423,049 | |
| 75+0,000 | -5,303 | 876,044 | -0,100 | -5,153 | 876,144 | 876,306 | 876,298 | 0,01 | 5,153 | 876,144 | 5,406 | 876,396 | 0,253 | 3,940 | 3,045 | 972,843 | 426,094 | |
| 75+8,474 | -5,317 | 875,969 | -0,109 | -5,153 | 876,078 | 876,244 | 876,232 | 0,01 | 5,153 | 876,078 | 5,318 | 876,242 | 0,164 | 1,814 | 1,015 | 974,657 | 427,109 | |
| 76+0,000 | -5,318 | 875,879 | -0,109 | -5,153 | 875,988 | 876,156 | 876,143 | 0,01 | 5,153 | 875,988 | 5,281 | 876,115 | 0,127 | 1,874 | 1,256 | 976,531 | 428,366 | |
| 76+16,368 | -5,245 | 875,799 | -0,061 | -5,153 | 875,861 | 876,018 | 876,015 | 0,00 | 5,153 | 875,861 | 5,303 | 876,010 | 0,149 | 2,356 | 1,344 | 978,887 | 429,710 | |
| 77+0,000 | -5,217 | 875,790 | -0,043 | -5,153 | 875,832 | 875,987 | 875,987 | 0,00 | 5,153 | 875,832 | 5,324 | 876,003 | 0,171 | 0,534 | 0,237 | 979,421 | 429,947 | |
| 78+0,000 | -5,218 | 875,633 | -0,043 | -5,153 | 875,677 | 875,859 | 875,831 | 0,03 | 5,153 | 875,677 | 5,372 | 875,895 | 0,218 | 5,305 | 0,855 | 984,726 | 430,801 | |
| 78+4,261 | -5,215 | 875,602 | -0,041 | -5,153 | 875,644 | 875,828 | 875,798 | 0,03 | 5,153 | 875,644 | 5,382 | 875,872 | 0,229 | 1,615 | 0,092 | 986,341 | 430,894 | |
| 79+0,000 | -5,233 | 875,482 | -0,053 | -5,153 | 875,535 | 875,710 | 875,690 | 0,02 | 5,153 | 875,535 | 5,370 | 875,752 | 0,217 | 5,349 | 0,522 | 991,690 | 431,416 | |
| 80+0,000 | -5,259 | 875,421 | -0,071 | -5,153 | 875,492 | 875,683 | 875,647 | 0,04 | 5,153 | 875,492 | 5,313 | 875,652 | 0,160 | 5,863 | 0,812 | 997,553 | 432,227 | |
| 81+0,000 | -5,264 | 875,471 | -0,074 | -5,153 | 875,545 | 875,705 | 875,700 | 0,00 | 5,153 | 875,545 | 5,311 | 875,703 | 0,157 | 4,200 | 1,917 | 1.001,753 | 434,144 | |
| 82+0,000 | | | | -5,153 | 875,612 | 875,747 | 875,767 | -0,02 | 5,153 | 875,612 | 5,239 | 875,698 | 0,086 | 1,540 | 4,649 | 1.003,293 | 438,793 | |
| 83+0,000 | -5,159 | 875,658 | 0,005 | -5,153 | 875,653 | 875,725 | 875,807 | -0,08 | 5,153 | 875,653 | 5,262 | 875,761 | 0,108 | 0,785 | 10,111 | 1.004,078 | 448,904 | |
| 83+1,106 | -5,180 | 875,677 | 0,027 | -5,153 | 875,650 | 875,724 | 875,805 | -0,08 | 5,153 | 875,650 | 5,269 | 875,766 | 0,116 | 0,058 | 0,762 | 1.004,136 | 449,666 | |
| 83+8,502 | -6,340 | 876,804 | 1,187 | -5,153 | 875,617 | 875,668 | 875,772 | -0,10 | 5,153 | 875,617 | 5,261 | 875,725 | 0,108 | 4,015 | 5,026 | 1.008,151 | 454,692 | |
| 83+15,899 | -5,153 | 875,555 | 0,000 | -5,153 | 875,555 | 875,635 | 875,710 | -0,07 | 5,153 | 875,555 | 5,243 | 875,644 | 0,089 | 6,255 | 4,247 | 1.014,406 | 458,939 | |
| 84+0,000 | -5,153 | 875,508 | 0,000 | -5,153 | 875,508 | 875,600 | 875,663 | -0,06 | 5,153 | 875,508 | 5,237 | 875,592 | 0,084 | 3,121 | 1,855 | 1.017,527 | 460,795 | |
| 85+0,000 | | | | -5,153 | 875,179 | 875,334 | 875,333 | 0,00 | 5,153 | 875,179 | 5,222 | 875,133 | -0,046 | 9,224 | 5,763 | 1.026,750 | 466,558 | |
| 86+0,000 | -5,727 | 874,440 | -0,382 | -5,153 | 874,822 | 874,979 | 874,977 | 0,00 | 5,153 | 874,822 | 5,225 | 874,894 | 0,072 | 1,025 | 7,263 | 1.027,776 | 473,821 | |
| 87+0,000 | -5,974 | 874,237 | -0,214 | -5,653 | 874,451 | 874,601 | 874,621 | -0,02 | 5,153 | 874,466 | 5,705 | 874,417 | -0,050 | 0,348 | 12,883 | 1.028,124 | 486,704 | |
| 88+0,000 | -5,717 | 874,133 | -0,043 | -5,653 | 874,176 | 874,385 | 874,345 | 0,04 | 5,153 | 874,191 | 5,824 | 874,346 | 0,155 | 5,254 | 7,297 | 1.033,378 | 494,002 | |
| 88+1,341 | -5,713 | 874,123 | -0,040 | -5,653 | 874,163 | 874,374 | 874,333 | 0,04 | 5,153 | 874,178 | 5,836 | 874,345 | 0,167 | 0,727 | 0,039 | 1.034,105 | 494,041 | |
| 89+0,000 | -5,697 | 874,033 | -0,029 | -5,653 | 874,062 | 874,291 | 874,231 | 0,06 | 5,153 | 874,077 | 5,813 | 874,222 | 0,145 | 13,315 | 0,329 | 1.047,419 | 494,370 | |
| 90+0,000 | -5,764 | 874,035 | -0,074 | -5,653 | 874,109 | 874,338 | 874,279 | 0,06 | 5,153 | 874,124 | 5,895 | 874,351 | 0,226 | 20,098 | 0,293 | 1.067,517 | 494,663 | |
| 90+10,725 | -5,947 | 873,983 | -0,195 | -5,653 | 874,178 | 874,402 | 874,348 | 0,05 | 5,153 | 874,193 | 5,882 | 874,407 | 0,213 | 11,800 | 0,842 | 1.079,317 | 495,505 | |
| 91+0,000 | -6,050 | 873,973 | -0,265 | -5,653 | 874,238 | 874,458 | 874,407 | 0,05 | 5,153 | 874,253 | 5,940 | 874,524 | 0,272 | 10,179 | 1,466 | 1.089,496 | 496,971 | |
| 92+0,000 | -6,167 | 874,024 | -0,343 | -5,653 | 874,366 | 874,589 | 874,536 | 0,05 | 5,153 | 874,381 | 5,957 | 874,670 | 0,289 | 23,211 | 3,949 | 1.112,708 | 500,920 | |
| 93+0,000 | -5,838 | 874,371 | -0,123 | -5,653 | 874,495 | 874,703 | 874,664 | 0,04 | 5,153 | 874,510 | 5,877 | 874,719 | 0,209 | 20,913 | 2,488 | 1.133,620 | 503,408 | |
| 93+0,109 | -5,836 | 874,374 | -0,121 | -5,653 | 874,495 | 874,704 | 874,665 | 0,04 | 5,153 | 874,510 | 5,877 | 874,719 | 0,209 | 0,099 | 0,004 | 1.133,720 | 503,411 | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|---------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | | MAR/25 | |
| | | | | | | | | | | | | | | | | | | | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | | |
| 94+0,000 | -5,766 | 874,548 | -0,075 | -5,653 | 874,623 | 874,830 | 874,793 | 0,04 | 5,153 | 874,638 | 5,884 | 874,853 | 0,215 | 16,377 | 1,048 | 1.150,097 | 504,460 | | |
| 95+0,000 | -5,992 | 874,526 | -0,225 | -5,653 | 874,751 | 874,968 | 874,921 | 0,05 | 5,153 | 874,766 | 5,779 | 874,877 | 0,111 | 14,668 | 1,895 | 1.164,765 | 506,355 | | |
| 96+0,000 | -5,874 | 874,733 | -0,147 | -5,653 | 874,880 | 875,074 | 875,049 | 0,02 | 5,153 | 874,895 | 5,749 | 874,975 | 0,080 | 12,100 | 2,050 | 1.176,865 | 508,405 | | |
| 97+0,000 | -5,712 | 874,969 | -0,039 | -5,653 | 875,008 | 875,197 | 875,178 | 0,02 | 5,153 | 875,023 | 5,813 | 875,168 | 0,145 | 10,990 | 1,193 | 1.187,854 | 509,597 | | |
| 98+0,000 | -5,779 | 875,053 | -0,084 | -5,653 | 875,137 | 875,329 | 875,306 | 0,02 | 5,153 | 875,152 | 5,871 | 875,354 | 0,202 | 13,902 | 0,616 | 1.201,757 | 510,213 | | |
| 99+0,000 | -5,688 | 875,242 | -0,023 | -5,653 | 875,265 | 875,453 | 875,435 | 0,02 | 5,153 | 875,280 | 5,775 | 875,387 | 0,107 | 14,487 | 0,443 | 1.216,243 | 510,656 | | |
| 100+0,000 | -5,732 | 875,472 | 0,078 | -5,653 | 875,393 | 875,582 | 875,563 | 0,02 | 5,153 | 875,408 | 5,864 | 875,604 | 0,195 | 16,367 | 0,151 | 1.232,610 | 510,806 | | |
| 101+0,000 | -5,698 | 875,566 | 0,044 | -5,653 | 875,522 | 875,711 | 875,691 | 0,02 | 5,153 | 875,537 | 5,898 | 875,766 | 0,229 | 20,131 | 0,000 | 1.252,741 | 510,806 | | |
| 102+0,000 | -5,688 | 875,710 | 0,035 | -5,653 | 875,676 | 875,867 | 875,845 | 0,02 | 5,153 | 875,691 | 6,325 | 876,348 | 0,657 | 24,631 | 0,000 | 1.277,372 | 510,806 | | |
| 103+0,000 | -5,715 | 875,942 | 0,062 | -5,653 | 875,881 | 876,023 | 876,050 | -0,03 | 5,153 | 875,896 | 6,136 | 876,363 | 0,467 | 28,431 | 0,733 | 1.305,803 | 511,539 | | |
| 104+0,000 | -5,680 | 876,163 | 0,026 | -5,653 | 876,136 | 876,204 | 876,306 | -0,10 | 5,153 | 876,151 | 6,013 | 876,496 | 0,345 | 20,998 | 3,619 | 1.326,800 | 515,159 | | |
| 105+0,000 | -5,789 | 876,328 | -0,090 | -5,653 | 876,418 | 876,407 | 876,587 | -0,18 | 5,153 | 876,433 | 5,946 | 876,711 | 0,278 | 10,728 | 11,313 | 1.337,529 | 526,471 | | |
| 106+0,000 | -5,912 | 876,527 | -0,172 | -5,653 | 876,699 | 876,610 | 876,869 | -0,26 | 5,153 | 876,714 | 6,066 | 877,112 | 0,398 | 12,354 | 21,516 | 1.349,883 | 547,987 | | |
| 107+0,000 | -6,040 | 876,723 | -0,258 | -5,653 | 876,981 | 876,841 | 877,150 | -0,31 | 5,153 | 876,996 | 6,138 | 877,466 | 0,470 | 18,624 | 30,885 | 1.368,507 | 578,872 | | |
| 108+0,000 | | | | -5,653 | 877,262 | 877,079 | 877,432 | -0,35 | 5,153 | 877,277 | 6,089 | 877,698 | 0,421 | 15,622 | 37,380 | 1.384,129 | 616,252 | | |
| 109+0,000 | -5,790 | 877,452 | -0,091 | -5,653 | 877,543 | 877,349 | 877,713 | -0,36 | 5,153 | 877,558 | 6,243 | 878,133 | 0,575 | 15,044 | 38,177 | 1.399,173 | 654,429 | | |
| 110+0,000 | -5,773 | 877,745 | -0,080 | -5,653 | 877,825 | 877,627 | 877,994 | -0,37 | 5,153 | 877,840 | 6,247 | 878,418 | 0,579 | 20,528 | 37,574 | 1.419,701 | 692,003 | | |
| 111+0,000 | -5,758 | 878,036 | -0,070 | -5,653 | 878,106 | 877,905 | 878,276 | -0,37 | 5,153 | 878,121 | 5,983 | 878,436 | 0,315 | 15,609 | 38,888 | 1.435,310 | 730,891 | | |
| 112+0,000 | -5,714 | 878,448 | 0,061 | -5,653 | 878,387 | 878,491 | 878,557 | -0,07 | 5,153 | 878,402 | 6,044 | 878,778 | 0,375 | 15,398 | 21,498 | 1.450,708 | 752,389 | | |
| 112+18,758 | -5,669 | 878,555 | -0,011 | -5,653 | 878,566 | 878,582 | 878,735 | -0,15 | 5,153 | 878,581 | 6,002 | 878,914 | 0,334 | 16,302 | 7,850 | 1.467,010 | 760,239 | | |
| 113+0,000 | -5,681 | 878,559 | -0,019 | -5,653 | 878,577 | 878,582 | 878,747 | -0,17 | 5,153 | 878,592 | 6,005 | 878,929 | 0,337 | 0,832 | 0,902 | 1.467,843 | 761,141 | | |
| 114+0,000 | -5,728 | 878,718 | -0,049 | -5,653 | 878,767 | 878,726 | 878,937 | -0,21 | 5,153 | 878,782 | 6,157 | 879,271 | 0,489 | 17,186 | 17,484 | 1.485,029 | 778,625 | | |
| 115+0,000 | -5,873 | 879,177 | 0,220 | -5,653 | 878,957 | 878,933 | 879,127 | -0,19 | 5,153 | 878,972 | 6,257 | 879,560 | 0,588 | 27,943 | 15,498 | 1.512,972 | 794,123 | | |
| 116+0,000 | -5,894 | 879,388 | 0,241 | -5,653 | 879,147 | 879,091 | 879,317 | -0,23 | 5,153 | 879,162 | 6,155 | 879,649 | 0,487 | 34,069 | 11,667 | 1.547,041 | 805,790 | | |
| 117+0,000 | -5,989 | 879,672 | 0,335 | -5,653 | 879,337 | 879,308 | 879,506 | -0,20 | 5,153 | 879,352 | 6,271 | 879,954 | 0,602 | 38,557 | 9,571 | 1.585,598 | 815,361 | | |
| 118+0,000 | -6,022 | 879,895 | 0,368 | -5,653 | 879,527 | 879,532 | 879,696 | -0,16 | 5,153 | 879,542 | 6,286 | 880,159 | 0,618 | 48,255 | 5,834 | 1.633,853 | 821,196 | | |
| 119+0,000 | -6,065 | 880,128 | 0,411 | -5,653 | 879,717 | 879,805 | 879,886 | -0,08 | 5,153 | 879,732 | 6,410 | 880,473 | 0,741 | 62,091 | 2,914 | 1.695,944 | 824,110 | | |
| 120+0,000 | -6,099 | 880,352 | 0,445 | -5,653 | 879,907 | 880,011 | 880,076 | -0,06 | 5,153 | 879,922 | 6,443 | 880,696 | 0,775 | 71,032 | 1,377 | 1.766,976 | 825,487 | | |
| 121+0,000 | -6,078 | 880,521 | 0,424 | -5,653 | 880,096 | 880,190 | 880,266 | -0,08 | 5,153 | 880,111 | 6,297 | 880,740 | 0,629 | 62,167 | 1,560 | 1.829,143 | 827,047 | | |
| 122+0,000 | -6,034 | 880,631 | 0,381 | -5,653 | 880,250 | 880,306 | 880,420 | -0,11 | 5,153 | 880,265 | 6,144 | 880,741 | 0,476 | 46,313 | 2,882 | 1.875,455 | 829,930 | | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|---------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | | MAR/25 | |
| | | | | | | | | | | | | | | | | | | | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | | |
| 122+4,723 | -6,032 | 880,654 | 0,379 | -5,653 | 880,276 | 880,318 | 880,445 | -0,13 | 5,153 | 880,291 | 6,138 | 880,761 | 0,470 | 8,788 | 1,023 | 1.884,243 | 830,953 | | |
| 123+0,000 | -6,042 | 880,720 | 0,389 | -5,653 | 880,331 | 880,418 | 880,501 | -0,08 | 5,153 | 880,346 | 6,021 | 880,699 | 0,352 | 24,729 | 2,839 | 1.908,973 | 833,792 | | |
| 124+0,000 | -6,099 | 880,785 | 0,446 | -5,653 | 880,340 | 880,465 | 880,510 | -0,04 | 5,153 | 880,355 | 5,928 | 880,614 | 0,260 | 30,015 | 1,914 | 1.938,987 | 835,706 | | |
| 125+0,000 | -6,153 | 880,776 | 0,499 | -5,653 | 880,276 | 880,443 | 880,446 | 0,00 | 5,153 | 880,291 | 5,967 | 880,590 | 0,299 | 33,535 | 0,696 | 1.972,522 | 836,402 | | |
| 126+0,000 | -6,244 | 880,766 | 0,590 | -5,653 | 880,176 | 880,427 | 880,346 | 0,08 | 5,153 | 880,191 | 6,012 | 880,534 | 0,343 | 47,698 | 0,111 | 2.020,220 | 836,512 | | |
| 127+0,000 | -6,270 | 880,692 | 0,616 | -5,653 | 880,076 | 880,355 | 880,246 | 0,11 | 5,153 | 880,091 | 5,888 | 880,311 | 0,220 | 57,848 | 0,000 | 2.078,068 | 836,512 | | |
| 128+0,000 | -6,261 | 880,584 | 0,607 | -5,653 | 879,976 | 880,231 | 880,146 | 0,09 | 5,153 | 879,991 | 6,070 | 880,393 | 0,401 | 57,265 | 0,000 | 2.135,333 | 836,512 | | |
| 129+0,000 | -6,217 | 880,440 | 0,563 | -5,653 | 879,876 | 880,114 | 880,046 | 0,07 | 5,153 | 879,891 | 6,051 | 880,274 | 0,383 | 59,193 | 0,000 | 2.194,526 | 836,512 | | |
| 130+0,000 | -6,151 | 880,249 | 0,497 | -5,653 | 879,751 | 879,944 | 879,921 | 0,02 | 5,153 | 879,766 | 6,141 | 880,239 | 0,473 | 60,706 | 0,000 | 2.255,233 | 836,512 | | |
| 131+0,000 | -6,109 | 880,033 | 0,455 | -5,653 | 879,577 | 879,763 | 879,747 | 0,02 | 5,153 | 879,592 | 6,203 | 880,127 | 0,534 | 59,667 | 0,000 | 2.314,900 | 836,512 | | |
| 131+10,687 | -6,015 | 879,826 | 0,362 | -5,653 | 879,464 | 879,598 | 879,634 | -0,04 | 5,153 | 879,479 | 6,599 | 880,410 | 0,931 | 33,041 | 0,129 | 2.347,940 | 836,641 | | |
| 132+0,000 | -6,016 | 879,716 | 0,363 | -5,653 | 879,354 | 879,453 | 879,523 | -0,07 | 5,153 | 879,369 | 6,857 | 880,557 | 1,189 | 33,353 | 0,438 | 2.381,293 | 837,079 | | |
| 133+0,000 | -5,886 | 879,396 | 0,289 | -5,597 | 879,107 | 879,268 | 879,275 | -0,01 | 5,153 | 879,121 | 6,865 | 880,317 | 1,196 | 56,750 | 0,717 | 2.438,043 | 837,796 | | |
| 134+0,000 | -5,694 | 879,072 | 0,209 | -5,485 | 878,862 | 878,993 | 879,027 | -0,03 | 5,153 | 878,872 | 6,872 | 880,076 | 1,203 | 31,717 | 0,442 | 2.469,760 | 838,238 | | |
| 135+0,000 | | | | -5,468 | 878,615 | 878,711 | 878,779 | -0,07 | 5,153 | 878,624 | 6,668 | 879,624 | 0,999 | 26,459 | 1,648 | 2.496,219 | 839,886 | | |
| 135+15,062 | | | | -5,468 | 878,428 | 878,540 | 878,592 | -0,05 | 5,153 | 878,437 | 6,321 | 879,090 | 0,652 | 18,927 | 1,450 | 2.515,146 | 841,336 | | |
| 136+0,000 | | | | -5,468 | 878,366 | 878,498 | 878,531 | -0,03 | 5,153 | 878,376 | 6,231 | 878,939 | 0,563 | 6,312 | 0,268 | 2.521,458 | 841,604 | | |
| 137+0,000 | | | | -5,468 | 878,118 | 878,293 | 878,282 | 0,01 | 5,153 | 878,128 | 6,195 | 878,654 | 0,526 | 25,109 | 0,385 | 2.546,566 | 841,989 | | |
| 138+0,000 | | | | -5,468 | 877,870 | 878,056 | 878,034 | 0,02 | 5,153 | 877,879 | 6,188 | 878,399 | 0,520 | 23,191 | 0,000 | 2.569,757 | 841,989 | | |
| 139+0,000 | -5,517 | 877,671 | 0,049 | -5,468 | 877,622 | 877,823 | 877,786 | 0,04 | 5,153 | 877,631 | 6,303 | 878,266 | 0,635 | 27,012 | 0,000 | 2.596,769 | 841,989 | | |
| 139+4,036 | -5,509 | 877,613 | 0,041 | -5,468 | 877,572 | 877,767 | 877,736 | 0,03 | 5,153 | 877,581 | 6,202 | 878,115 | 0,534 | 5,955 | 0,000 | 2.602,724 | 841,989 | | |
| 140+0,000 | -5,502 | 877,404 | 0,034 | -5,468 | 877,370 | 877,553 | 877,534 | 0,02 | 5,153 | 877,380 | 5,937 | 877,649 | 0,269 | 19,468 | 0,000 | 2.622,192 | 841,989 | | |
| 141+0,000 | -5,490 | 877,119 | 0,022 | -5,468 | 877,097 | 877,289 | 877,261 | 0,03 | 5,153 | 877,106 | 5,877 | 877,315 | 0,208 | 19,418 | 0,000 | 2.641,610 | 841,989 | | |
| 142+0,000 | -5,503 | 876,833 | 0,035 | -5,468 | 876,798 | 877,000 | 876,962 | 0,04 | 5,153 | 876,808 | 6,245 | 877,384 | 0,577 | 28,944 | 0,000 | 2.670,553 | 841,989 | | |
| 142+13,011 | -5,533 | 876,655 | 0,065 | -5,468 | 876,590 | 876,798 | 876,754 | 0,04 | 5,153 | 876,600 | 6,394 | 877,325 | 0,725 | 30,970 | 0,000 | 2.701,524 | 841,989 | | |
| 143+0,000 | -5,553 | 876,563 | 0,086 | -5,468 | 876,477 | 876,722 | 876,641 | 0,08 | 5,153 | 876,487 | 6,492 | 877,310 | 0,823 | 21,534 | 0,000 | 2.723,057 | 841,989 | | |
| 144+0,000 | -5,600 | 876,285 | 0,132 | -5,468 | 876,153 | 876,316 | 876,317 | 0,00 | 5,153 | 876,162 | 6,762 | 877,256 | 1,094 | 61,280 | 0,000 | 2.784,337 | 841,989 | | |
| 144+16,618 | -5,635 | 876,049 | 0,166 | -5,469 | 875,884 | 875,993 | 876,048 | -0,06 | 5,153 | 875,893 | 6,494 | 876,719 | 0,826 | 41,086 | 1,578 | 2.825,423 | 843,567 | | |
| 145+0,000 | -5,643 | 876,004 | 0,175 | -5,468 | 875,829 | 875,942 | 875,993 | -0,05 | 5,153 | 875,838 | 6,415 | 876,585 | 0,746 | 7,210 | 0,659 | 2.832,633 | 844,226 | | |
| 146+0,000 | -5,671 | 875,709 | 0,203 | -5,468 | 875,506 | 875,670 | 875,670 | 0,00 | 5,153 | 875,515 | 6,441 | 876,288 | 0,773 | 43,188 | 2,508 | 2.875,821 | 846,734 | | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|-----------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | | MAR/25 | |
| | | | | | | | | | | | | | | | | | | | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | | |
| 147+0,000 | -5,638 | 875,427 | 0,170 | -5,468 | 875,257 | 875,408 | 875,421 | -0,01 | 5,153 | 875,266 | 6,297 | 875,895 | 0,629 | 38,393 | 1,355 | 2.914,214 | 848,089 | | |
| 148+0,000 | -5,538 | 875,079 | 0,070 | -5,468 | 875,008 | 875,147 | 875,172 | -0,03 | 5,153 | 875,018 | 6,320 | 875,669 | 0,652 | 29,726 | 1,278 | 2.943,940 | 849,367 | | |
| 149+0,000 | -5,511 | 874,802 | 0,043 | -5,468 | 874,759 | 874,896 | 874,923 | -0,03 | 5,153 | 874,769 | 6,325 | 875,425 | 0,656 | 26,528 | 1,264 | 2.970,468 | 850,632 | | |
| 150+0,000 | -5,764 | 874,334 | -0,197 | -5,468 | 874,531 | 874,678 | 874,695 | -0,02 | 5,153 | 874,540 | 6,109 | 874,981 | 0,440 | 21,049 | 1,818 | 2.991,518 | 852,450 | | |
| 150+18,671 | -5,579 | 874,280 | -0,074 | -5,468 | 874,354 | 874,514 | 874,518 | 0,00 | 5,153 | 874,364 | 6,026 | 874,721 | 0,358 | 13,116 | 2,974 | 3.004,634 | 855,423 | | |
| 151+0,000 | -5,568 | 874,276 | -0,067 | -5,468 | 874,343 | 874,503 | 874,507 | 0,00 | 5,153 | 874,352 | 6,039 | 874,723 | 0,371 | 0,653 | 0,299 | 3.005,286 | 855,723 | | |
| 151+12,480 | -5,668 | 874,446 | 0,200 | -5,468 | 874,246 | 874,420 | 874,410 | 0,01 | 5,153 | 874,255 | 6,306 | 874,893 | 0,638 | 7,491 | 2,180 | 3.012,778 | 857,903 | | |
| 152+0,000 | -5,666 | 874,393 | 0,198 | -5,468 | 874,195 | 874,364 | 874,359 | 0,00 | 5,153 | 874,204 | 6,499 | 875,035 | 0,831 | 6,819 | 0,794 | 3.019,597 | 858,696 | | |
| 152+6,289 | -5,612 | 874,301 | 0,144 | -5,468 | 874,157 | 874,322 | 874,321 | 0,00 | 5,153 | 874,166 | 6,763 | 875,261 | 1,094 | 7,141 | 0,547 | 3.026,738 | 859,243 | | |
| 153+0,000 | -5,523 | 874,051 | -0,037 | -5,468 | 874,087 | 874,239 | 874,251 | -0,01 | 5,153 | 874,097 | 7,374 | 875,802 | 1,705 | 21,614 | 1,168 | 3.048,352 | 860,411 | | |
| 154+0,000 | -5,549 | 873,945 | -0,054 | -5,468 | 873,999 | 874,175 | 874,163 | 0,01 | 5,153 | 874,009 | 8,004 | 876,345 | 2,336 | 40,573 | 1,484 | 3.088,925 | 861,894 | | |
| 155+0,000 | -5,680 | 873,770 | -0,141 | -5,468 | 873,911 | 874,088 | 874,075 | 0,01 | 5,153 | 873,921 | 6,067 | 874,319 | 0,399 | 32,896 | 2,248 | 3.121,821 | 864,143 | | |
| 155+13,847 | | | | -5,468 | 873,850 | 874,068 | 874,014 | 0,05 | 5,153 | 873,860 | | | | 19,866 | 2,257 | 3.141,686 | 866,400 | | |
| 156+0,000 | | | | -5,468 | 873,823 | 874,043 | 873,987 | 0,06 | 5,153 | 873,833 | | | | 10,513 | 1,045 | 3.152,199 | 867,445 | | |
| 157+0,000 | | | | -5,468 | 873,735 | 873,989 | 873,899 | 0,09 | 5,153 | 873,745 | 6,226 | 874,302 | 0,557 | 37,864 | 4,185 | 3.190,063 | 871,630 | | |
| 158+0,000 | | | | -5,468 | 873,647 | 873,891 | 873,811 | 0,08 | 5,153 | 873,656 | | | | 42,680 | 6,186 | 3.232,743 | 877,817 | | |
| 159+0,000 | -5,875 | 873,288 | -0,271 | -5,468 | 873,559 | 873,784 | 873,723 | 0,06 | 5,153 | 873,568 | 6,815 | 874,715 | 1,146 | 39,959 | 8,573 | 3.272,703 | 886,390 | | |
| 159+17,828 | -5,800 | 873,259 | -0,221 | -5,468 | 873,480 | 873,713 | 873,644 | 0,07 | 5,153 | 873,490 | 6,624 | 874,446 | 0,956 | 29,119 | 7,887 | 3.301,821 | 894,277 | | |
| 160+0,000 | -5,815 | 873,240 | -0,231 | -5,468 | 873,471 | 873,695 | 873,635 | 0,06 | 5,153 | 873,480 | 6,532 | 874,343 | 0,863 | 3,155 | 0,914 | 3.304,976 | 895,190 | | |
| 161+0,000 | -5,837 | 873,137 | -0,246 | -5,468 | 873,383 | 873,579 | 873,547 | 0,03 | 5,153 | 873,392 | 6,634 | 874,357 | 0,965 | 22,606 | 9,458 | 3.327,582 | 904,649 | | |
| 162+0,000 | -5,807 | 873,001 | -0,226 | -5,468 | 873,227 | 873,405 | 873,391 | 0,01 | 5,153 | 873,236 | 5,653 | 873,221 | -0,015 | 17,496 | 11,374 | 3.345,078 | 916,022 | | |
| 163+0,000 | -5,672 | 872,798 | -0,136 | -5,468 | 872,935 | 873,076 | 873,099 | -0,02 | 5,153 | 872,944 | | | | 9,198 | 14,195 | 3.354,276 | 930,217 | | |
| 164+0,000 | -5,476 | 872,501 | -0,006 | -5,468 | 872,506 | 872,697 | 872,670 | 0,03 | 5,153 | 872,516 | | | | 1,842 | 20,453 | 3.356,118 | 950,670 | | |
| 164+1,808 | -5,477 | 872,470 | 0,009 | -5,468 | 872,461 | 872,671 | 872,625 | 0,05 | 5,153 | 872,470 | | | | 0,337 | 2,292 | 3.356,455 | 952,962 | | |
| 165+0,000 | -5,505 | 871,979 | 0,038 | -5,468 | 871,942 | 872,101 | 872,106 | 0,00 | 5,153 | 871,951 | 5,653 | 871,936 | -0,015 | 3,694 | 23,865 | 3.360,149 | 976,828 | | |
| 166+0,000 | -5,546 | 871,319 | 0,078 | -5,468 | 871,242 | 871,364 | 871,406 | -0,04 | 5,153 | 871,251 | 6,132 | 870,917 | -0,334 | 5,191 | 28,706 | 3.365,340 | 1.005,534 | | |
| 167+0,000 | -5,522 | 870,527 | 0,054 | -5,468 | 870,473 | 870,549 | 870,637 | -0,09 | 5,153 | 870,483 | 6,184 | 870,114 | -0,369 | 5,319 | 33,890 | 3.370,659 | 1.039,424 | | |
| 168+0,000 | -5,502 | 869,739 | 0,034 | -5,468 | 869,705 | 869,815 | 869,869 | -0,05 | 5,153 | 869,714 | 6,196 | 869,338 | -0,376 | 4,778 | 33,395 | 3.375,436 | 1.072,819 | | |
| 169+0,000 | -5,542 | 869,068 | 0,074 | -5,468 | 868,993 | 869,191 | 869,157 | 0,03 | 5,153 | 869,003 | 5,751 | 868,923 | -0,080 | 9,963 | 16,597 | 3.385,399 | 1.089,416 | | |
| 170+0,000 | -5,552 | 868,631 | 0,084 | -5,468 | 868,547 | 868,752 | 868,711 | 0,04 | 5,153 | 868,556 | 5,687 | 868,574 | 0,018 | 14,677 | 1,797 | 3.400,076 | 1.091,213 | | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|-----------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | | MAR/25 | |
| | | | | | | | | | | | | | | | | | | | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | | |
| 171+0,000 | -5,656 | 868,572 | 0,188 | -5,468 | 868,384 | 868,575 | 868,548 | 0,03 | 5,153 | 868,393 | 5,723 | 868,448 | 0,055 | 17,306 | 0,000 | 3.417,382 | 1.091,213 | | |
| 172+0,000 | | | | -5,468 | 868,505 | 868,783 | 868,669 | 0,11 | 5,153 | 868,514 | 5,903 | 868,333 | -0,182 | 24,590 | 0,775 | 3.441,972 | 1.091,989 | | |
| 173+0,000 | -5,651 | 869,093 | 0,183 | -5,468 | 868,910 | 869,153 | 869,074 | 0,08 | 5,153 | 868,919 | 5,691 | 868,879 | -0,040 | 25,472 | 2,631 | 3.467,444 | 1.094,619 | | |
| 173+16,138 | -5,583 | 869,559 | 0,115 | -5,468 | 869,443 | 869,596 | 869,608 | -0,01 | 5,153 | 869,453 | 6,601 | 870,386 | 0,933 | 15,740 | 1,973 | 3.483,184 | 1.096,592 | | |
| 174+0,000 | -5,486 | 869,614 | 0,018 | -5,468 | 869,596 | 869,707 | 869,760 | -0,05 | 5,153 | 869,605 | 6,776 | 870,713 | 1,108 | 2,972 | 0,634 | 3.486,156 | 1.097,226 | | |
| 175+0,000 | -5,526 | 870,350 | -0,039 | -5,468 | 870,389 | 870,454 | 870,553 | -0,10 | 5,153 | 870,398 | 7,185 | 871,914 | 1,516 | 15,686 | 7,978 | 3.501,843 | 1.105,204 | | |
| 176+0,000 | -5,611 | 871,086 | -0,096 | -5,468 | 871,181 | 871,343 | 871,345 | 0,00 | 5,153 | 871,190 | 8,125 | 873,647 | 2,456 | 39,997 | 5,763 | 3.541,839 | 1.110,968 | | |
| 177+0,000 | -5,615 | 871,876 | -0,098 | -5,468 | 871,974 | 872,182 | 872,138 | 0,04 | 5,153 | 871,983 | 7,643 | 873,958 | 1,975 | 60,057 | 0,639 | 3.601,896 | 1.111,606 | | |
| 178+0,000 | -5,785 | 872,476 | -0,212 | -5,468 | 872,687 | 872,765 | 872,851 | -0,09 | 5,153 | 872,697 | 5,785 | 872,813 | 0,116 | 31,897 | 6,392 | 3.633,793 | 1.117,998 | | |
| 179+0,000 | -5,738 | 872,870 | -0,180 | -5,468 | 873,050 | 873,040 | 873,214 | -0,17 | 5,153 | 873,059 | 6,171 | 872,699 | -0,360 | 3,004 | 22,115 | 3.636,798 | 1.140,113 | | |
| 180+0,000 | -6,285 | 872,494 | -0,545 | -5,468 | 873,039 | 873,026 | 873,203 | -0,18 | 5,153 | 873,048 | 6,640 | 872,376 | -0,673 | 0,280 | 40,575 | 3.637,077 | 1.180,689 | | |
| 180+1,334 | -6,294 | 872,474 | -0,551 | -5,468 | 873,025 | 873,022 | 873,189 | -0,17 | 5,153 | 873,034 | 6,621 | 872,374 | -0,660 | 0,003 | 3,225 | 3.637,081 | 1.183,914 | | |
| 181+0,000 | -6,532 | 871,945 | -0,710 | -5,468 | 872,654 | 872,719 | 872,818 | -0,10 | 5,153 | 872,664 | 6,665 | 871,974 | -0,690 | 1,072 | 40,340 | 3.638,153 | 1.224,254 | | |
| 182+0,000 | -6,206 | 871,483 | -0,492 | -5,468 | 871,975 | 872,163 | 872,139 | 0,02 | 5,153 | 871,984 | 6,335 | 871,515 | -0,469 | 6,899 | 26,209 | 3.645,052 | 1.250,463 | | |
| 183+0,000 | -6,166 | 870,807 | -0,465 | -5,468 | 871,273 | 871,453 | 871,437 | 0,02 | 5,153 | 871,282 | 6,125 | 870,953 | -0,329 | 10,633 | 12,106 | 3.655,685 | 1.262,568 | | |
| 184+0,000 | -5,860 | 870,202 | -0,262 | -5,468 | 870,464 | 870,592 | 870,628 | -0,04 | 5,153 | 870,473 | 6,249 | 870,062 | -0,412 | 7,577 | 12,154 | 3.663,262 | 1.274,723 | | |
| 185+0,000 | -5,581 | 869,367 | -0,076 | -5,468 | 869,443 | 869,602 | 869,607 | 0,00 | 5,153 | 869,452 | 6,051 | 869,172 | -0,280 | 5,634 | 10,119 | 3.668,896 | 1.284,841 | | |
| 186+0,000 | -5,695 | 868,057 | -0,151 | -5,468 | 868,209 | 868,452 | 868,373 | 0,08 | 5,153 | 868,218 | 5,826 | 868,088 | -0,130 | 11,708 | 4,795 | 3.680,604 | 1.289,636 | | |
| 186+6,531 | -5,757 | 867,578 | -0,193 | -5,468 | 867,771 | 868,041 | 867,935 | 0,11 | 5,153 | 867,780 | 5,756 | 867,697 | -0,084 | 6,603 | 0,818 | 3.687,208 | 1.290,453 | | |
| 187+0,000 | -5,482 | 866,883 | 0,015 | -5,468 | 866,868 | 867,179 | 867,032 | 0,15 | 5,153 | 866,878 | 5,683 | 866,893 | 0,015 | 17,577 | 1,065 | 3.704,785 | 1.291,518 | | |
| 188+0,000 | -5,501 | 865,560 | 0,033 | -5,468 | 865,528 | 865,754 | 865,692 | 0,06 | 5,153 | 865,537 | 5,706 | 865,574 | 0,037 | 22,399 | 0,676 | 3.727,184 | 1.292,194 | | |
| 189+0,000 | -5,652 | 864,065 | -0,123 | -5,468 | 864,187 | 864,260 | 864,351 | -0,09 | 5,153 | 864,197 | 6,024 | 863,934 | -0,262 | 7,709 | 11,725 | 3.734,894 | 1.303,919 | | |
| 190+0,000 | -6,074 | 862,442 | -0,404 | -5,468 | 862,847 | 862,917 | 863,011 | -0,09 | 5,153 | 862,856 | 6,159 | 862,504 | -0,352 | 0,000 | 26,546 | 3.734,894 | 1.330,465 | | |
| 191+0,000 | -6,016 | 861,298 | -0,365 | -5,468 | 861,663 | 861,799 | 861,827 | -0,03 | 5,153 | 861,673 | | | | 0,015 | 22,291 | 3.734,909 | 1.352,757 | | |
| 192+0,000 | -5,837 | 860,548 | -0,246 | -5,468 | 860,794 | 860,984 | 860,958 | 0,03 | 5,153 | 860,803 | 5,930 | 860,604 | -0,199 | 5,026 | 9,828 | 3.739,935 | 1.362,584 | | |
| 193+0,000 | -5,751 | 860,050 | -0,189 | -5,468 | 860,238 | 860,397 | 860,402 | -0,01 | 5,153 | 860,248 | 5,891 | 860,075 | -0,173 | 9,548 | 5,575 | 3.749,483 | 1.368,159 | | |
| 194+0,000 | -5,823 | 859,603 | -0,237 | -5,468 | 859,840 | 860,001 | 860,004 | 0,00 | 5,153 | 859,849 | 5,812 | 859,729 | -0,121 | 11,242 | 6,963 | 3.760,725 | 1.375,122 | | |
| 194+9,407 | -5,816 | 859,420 | -0,232 | -5,468 | 859,652 | 859,820 | 859,817 | 0,00 | 5,153 | 859,662 | 5,865 | 859,506 | -0,156 | 6,616 | 3,743 | 3.767,340 | 1.378,865 | | |
| 195+0,000 | -5,827 | 859,202 | -0,240 | -5,468 | 859,441 | 859,611 | 859,606 | 0,01 | 5,153 | 859,451 | 5,661 | 859,431 | -0,020 | 8,478 | 4,263 | 3.775,818 | 1.383,127 | | |
| 196+0,000 | -6,269 | 858,509 | -0,534 | -5,468 | 859,043 | 859,209 | 859,207 | 0,00 | 5,153 | 859,052 | 5,680 | 859,064 | 0,012 | 18,613 | 11,500 | 3.794,431 | 1.394,627 | | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|------------------------------------|---------|---------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|------------|--|
| | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | |
| | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | MAR/25 | |
| | | | | | | | | | | | | | | | | | | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | |
| 197+0,000 | -7,035 | 857,600 | -1,045 | -5,468 | 858,645 | 858,798 | 858,809 | -0,01 | 5,153 | 858,654 | 5,784 | 858,552 | -0,102 | 19,473 | 23,696 | 3.813,904 | 1.418,323 | |
| 198+0,000 | -7,193 | 857,096 | -1,150 | -5,468 | 858,246 | 858,384 | 858,410 | -0,03 | 5,153 | 858,256 | 5,743 | 858,181 | -0,075 | 19,139 | 33,272 | 3.833,043 | 1.451,594 | |
| 198+19,218 | -7,119 | 856,763 | -1,100 | -5,468 | 857,863 | 858,004 | 858,027 | -0,02 | 5,153 | 857,873 | 5,741 | 857,799 | -0,073 | 17,768 | 33,666 | 3.850,810 | 1.485,261 | |
| 199+0,000 | -7,126 | 856,742 | -1,106 | -5,468 | 857,848 | 857,986 | 858,012 | -0,03 | 5,153 | 857,857 | 5,729 | 857,792 | -0,065 | 0,693 | 1,420 | 3.851,504 | 1.486,681 | |
| 200+0,000 | -6,998 | 856,429 | -1,020 | -5,468 | 857,449 | 857,584 | 857,613 | -0,03 | 5,153 | 857,459 | 5,741 | 857,385 | -0,073 | 17,604 | 34,666 | 3.869,108 | 1.521,347 | |
| 201+0,000 | -6,607 | 856,292 | -0,759 | -5,468 | 857,051 | 857,194 | 857,215 | -0,02 | 5,153 | 857,060 | 5,677 | 857,030 | -0,031 | 17,545 | 30,365 | 3.886,653 | 1.551,711 | |
| 202+0,000 | -6,416 | 856,020 | -0,632 | -5,468 | 856,653 | 856,808 | 856,817 | -0,01 | 5,153 | 856,662 | 5,656 | 856,649 | -0,012 | 17,512 | 24,364 | 3.904,165 | 1.576,076 | |
| 203+0,000 | -6,283 | 855,711 | -0,543 | -5,468 | 856,254 | 856,415 | 856,418 | 0,00 | 5,153 | 856,264 | 5,725 | 856,201 | -0,063 | 15,729 | 18,613 | 3.919,894 | 1.594,689 | |
| 203+9,029 | -6,367 | 855,475 | -0,600 | -5,468 | 856,074 | 856,233 | 856,238 | -0,01 | 5,153 | 856,084 | 6,250 | 856,665 | 0,581 | 8,157 | 7,360 | 3.928,051 | 1.602,048 | |
| 204+0,000 | -6,569 | 855,122 | -0,734 | -5,468 | 855,856 | 856,007 | 856,020 | -0,01 | 5,153 | 855,865 | 6,260 | 856,456 | 0,591 | 13,705 | 9,478 | 3.941,756 | 1.611,526 | |
| 205+0,000 | -7,243 | 854,251 | -1,183 | -5,468 | 855,434 | 855,531 | 855,598 | -0,07 | 5,153 | 855,444 | 5,780 | 855,556 | 0,112 | 16,751 | 24,947 | 3.958,507 | 1.636,473 | |
| 206+0,000 | -7,207 | 853,692 | -1,160 | -5,468 | 854,852 | 854,920 | 855,016 | -0,10 | 5,153 | 854,861 | 5,660 | 854,842 | -0,019 | 2,789 | 35,112 | 3.961,296 | 1.671,584 | |
| 207+0,000 | -6,484 | 853,408 | -0,678 | -5,468 | 854,086 | 854,141 | 854,250 | -0,11 | 5,153 | 854,095 | 5,695 | 854,052 | -0,043 | 0,000 | 37,444 | 3.961,296 | 1.709,029 | |
| 208+0,000 | -7,350 | 851,881 | -1,255 | -5,468 | 853,135 | 853,203 | 853,299 | -0,10 | 5,153 | 853,145 | 5,751 | 853,064 | -0,080 | 0,000 | 40,920 | 3.961,296 | 1.749,949 | |
| 209+0,000 | -6,929 | 851,050 | -0,974 | -5,468 | 852,024 | 852,156 | 852,188 | -0,03 | 5,153 | 852,033 | 5,723 | 851,972 | -0,061 | 0,000 | 38,433 | 3.961,296 | 1.788,382 | |
| 210+0,000 | -5,839 | 850,642 | -0,247 | -5,468 | 850,890 | 851,032 | 851,054 | -0,02 | 5,153 | 850,899 | 5,770 | 850,806 | -0,093 | 0,000 | 24,987 | 3.961,296 | 1.813,368 | |
| 211+0,000 | -5,560 | 849,847 | 0,092 | -5,468 | 849,755 | 849,880 | 849,919 | -0,04 | 5,153 | 849,765 | 5,803 | 849,650 | -0,115 | 4,419 | 13,997 | 3.965,715 | 1.827,366 | |
| 212+0,000 | -5,482 | 848,612 | -0,009 | -5,468 | 848,621 | 848,729 | 848,785 | -0,06 | 5,153 | 848,630 | 5,786 | 848,527 | -0,104 | 4,928 | 10,593 | 3.970,643 | 1.837,959 | |
| 212+10,074 | -5,587 | 848,169 | 0,119 | -5,468 | 848,050 | 848,164 | 848,214 | -0,05 | 5,153 | 848,059 | 5,696 | 848,015 | -0,044 | 1,278 | 4,563 | 3.971,921 | 1.842,522 | |
| 213+0,000 | -5,753 | 847,771 | 0,285 | -5,468 | 847,487 | 847,585 | 847,651 | -0,07 | 5,153 | 847,496 | 5,688 | 847,515 | 0,019 | 3,222 | 2,541 | 3.975,144 | 1.845,063 | |
| 214+0,000 | | | | -5,468 | 846,352 | 846,437 | 846,516 | -0,08 | 5,153 | 846,362 | | | | 8,741 | 6,855 | 3.983,885 | 1.851,918 | |
| 215+0,000 | -5,701 | 845,479 | 0,233 | -5,468 | 845,246 | 845,404 | 845,410 | -0,01 | 5,153 | 845,255 | 5,886 | 845,473 | 0,217 | 14,201 | 5,607 | 3.998,086 | 1.857,525 | |
| 215+14,292 | | | | -5,468 | 844,572 | 844,750 | 844,736 | 0,01 | 5,153 | 844,582 | | | | 15,903 | 0,584 | 4.013,989 | 1.858,109 | |
| 216+0,000 | | | | -5,468 | 844,335 | 844,542 | 844,499 | 0,04 | 5,153 | 844,345 | | | | 7,045 | 0,000 | 4.021,034 | 1.858,109 | |
| 217+0,000 | -5,719 | 843,900 | 0,251 | -5,468 | 843,649 | 843,873 | 843,813 | 0,06 | 5,153 | 843,658 | 5,686 | 843,622 | -0,037 | 23,593 | 0,364 | 4.044,627 | 1.858,473 | |
| 218+0,000 | -5,676 | 843,394 | 0,208 | -5,468 | 843,186 | 843,396 | 843,350 | 0,05 | 5,153 | 843,195 | 5,655 | 843,179 | -0,016 | 19,343 | 0,563 | 4.063,969 | 1.859,036 | |
| 218+18,510 | -5,616 | 843,105 | 0,148 | -5,468 | 842,957 | 843,092 | 843,121 | -0,03 | 5,153 | 842,966 | 5,687 | 842,985 | 0,018 | 12,637 | 1,488 | 4.076,607 | 1.860,524 | |
| 219+0,000 | -5,608 | 843,087 | 0,140 | -5,468 | 842,947 | 843,071 | 843,111 | -0,04 | 5,153 | 842,956 | 5,690 | 842,977 | 0,021 | 0,764 | 0,237 | 4.077,371 | 1.860,761 | |
| 220+0,000 | -5,618 | 842,803 | -0,100 | -5,468 | 842,904 | 842,955 | 843,068 | -0,11 | 5,153 | 842,913 | 5,709 | 842,861 | -0,052 | 4,712 | 10,610 | 4.082,083 | 1.871,371 | |
| 221+0,000 | -6,227 | 842,382 | -0,506 | -5,468 | 842,888 | 842,931 | 843,052 | -0,12 | 5,153 | 842,898 | 5,796 | 842,788 | -0,110 | 0,000 | 23,043 | 4.082,083 | 1.894,414 | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

| VOLOS ENGENHARIA | | | | | | PROJETO EXECUTIVO DE TERRAPLENAGEM | | | | | | | | | | | | | REVISÃO: 4 | |
|------------------|---------------|---------|--------|---------------|---------|------------------------------------|---------|-------|---------------|---------|--------|---------|--------|---------|--------|-----------|-----------|--|------------|--|
| | | | | | | AV. SEBASTIÃO DE PÁDUA | | | | | | | | | | | | | | |
| | | | | | | NOTA DE SERVIÇO DE TERRAPLENAGEM | | | | | | | | | | | | | MAR/25 | |
| ESTACA | LADO ESQUERDO | | | | | EIXO | | | LADO DIREITO | | | | | VOLUME | | | | | | |
| | OFFSET | | | BORDO TERRAP. | | | | | BORDO TERRAP. | | OFFSET | | | PARCIAL | | ACUMULADO | | | | |
| | DIST. | COTA | ALTURA | DIST. | COTA | TERRENO | PROJETO | C.V. | DIST. | COTA | DIST. | COTA | ALTURA | CORTE | ATERRO | CORTE | ATERRO | | | |
| 222+0,000 | -5,932 | 842,564 | -0,309 | -5,468 | 842,873 | 842,987 | 843,037 | -0,05 | 5,153 | 842,882 | 5,685 | 842,899 | 0,017 | 0,252 | 19,901 | 4.082,335 | 1.914,315 | | | |
| 222+12,265 | -5,885 | 842,585 | -0,278 | -5,468 | 842,864 | 842,992 | 843,028 | -0,04 | 5,153 | 842,873 | 5,742 | 842,947 | 0,074 | 1,130 | 5,679 | 4.083,465 | 1.919,994 | | | |
| 223+0,000 | -5,991 | 842,509 | -0,349 | -5,468 | 842,858 | 842,989 | 843,022 | -0,03 | 5,153 | 842,867 | 5,775 | 842,973 | 0,106 | 1,608 | 2,999 | 4.085,073 | 1.922,993 | | | |
| 224+0,000 | -5,806 | 842,617 | -0,225 | -5,468 | 842,843 | 842,977 | 843,007 | -0,03 | 5,153 | 842,852 | 5,822 | 843,006 | 0,154 | 6,813 | 8,228 | 4.091,886 | 1.931,221 | | | |
| 225+0,000 | | | | -5,468 | 842,788 | 842,918 | 842,952 | -0,03 | 5,153 | 842,797 | | | | 9,537 | 7,235 | 4.101,423 | 1.938,457 | | | |
| 226+0,000 | -5,469 | 842,647 | 0,001 | -5,468 | 842,646 | 842,758 | 842,810 | -0,05 | 5,153 | 842,655 | 5,782 | 842,769 | 0,114 | 8,155 | 6,051 | 4.109,578 | 1.944,508 | | | |
| 226+18,385 | | | | -5,468 | 842,439 | 842,543 | 842,603 | -0,06 | 5,153 | 842,448 | | | | 9,971 | 6,168 | 4.119,549 | 1.950,676 | | | |
| 227+0,000 | | | | -5,468 | 842,417 | 842,523 | 842,581 | -0,06 | 5,153 | 842,427 | | | | 1,294 | 0,625 | 4.120,844 | 1.951,300 | | | |
| 228+0,000 | -5,468 | 842,102 | 0,000 | -5,468 | 842,101 | 842,203 | 842,265 | -0,06 | 5,153 | 842,111 | 5,918 | 842,361 | 0,250 | 15,803 | 7,308 | 4.136,646 | 1.958,608 | | | |
| 229+0,000 | -5,692 | 841,923 | 0,224 | -5,468 | 841,699 | 841,819 | 841,863 | -0,04 | 5,153 | 841,708 | 5,890 | 841,930 | 0,222 | 18,135 | 5,732 | 4.154,781 | 1.964,340 | | | |
| 230+0,000 | -6,207 | 841,948 | 0,739 | -5,468 | 841,209 | 841,343 | 841,373 | -0,03 | 5,153 | 841,218 | 5,784 | 841,334 | 0,116 | 24,121 | 3,504 | 4.178,902 | 1.967,844 | | | |
| 231+0,000 | -6,066 | 841,270 | 0,598 | -5,468 | 840,672 | 840,793 | 840,836 | -0,04 | 5,153 | 840,681 | 5,804 | 840,816 | 0,135 | 25,364 | 3,206 | 4.204,266 | 1.971,050 | | | |
| 231+4,506 | -5,945 | 841,027 | 0,477 | -5,468 | 840,551 | 840,669 | 840,715 | -0,05 | 5,153 | 840,560 | 5,799 | 840,690 | 0,130 | 4,700 | 0,986 | 4.208,965 | 1.972,036 | | | |
| 232+0,000 | -5,950 | 840,616 | 0,482 | -5,468 | 840,134 | 840,262 | 840,298 | -0,04 | 5,153 | 840,144 | 5,797 | 840,272 | 0,129 | 12,723 | 3,183 | 4.221,688 | 1.975,220 | | | |
| 233+0,000 | -5,875 | 840,004 | 0,407 | -5,468 | 839,597 | 839,703 | 839,761 | -0,06 | 5,153 | 839,607 | 5,725 | 839,664 | 0,057 | 12,038 | 4,733 | 4.233,727 | 1.979,953 | | | |
| 234+0,000 | -5,619 | 839,211 | 0,151 | -5,468 | 839,060 | 839,146 | 839,224 | -0,08 | 5,153 | 839,069 | 5,681 | 839,082 | 0,012 | 6,606 | 9,094 | 4.240,333 | 1.989,047 | | | |
| 235+0,000 | -5,483 | 838,538 | 0,015 | -5,468 | 838,522 | 838,594 | 838,687 | -0,09 | 5,153 | 838,532 | 5,680 | 838,543 | 0,011 | 2,593 | 13,292 | 4.242,926 | 2.002,340 | | | |
| 236+0,000 | | | | -5,468 | 837,985 | 838,047 | 838,149 | -0,10 | 5,153 | 837,995 | 5,668 | 837,994 | 0,000 | 1,189 | 15,175 | 4.244,115 | 2.017,515 | | | |
| 237+0,000 | | | | -5,468 | 837,440 | 837,485 | 837,604 | -0,12 | 5,153 | 837,450 | 5,662 | 837,443 | -0,007 | 0,622 | 19,794 | 4.244,737 | 2.037,309 | | | |
| 238+0,000 | | | | -5,468 | 836,840 | 836,936 | 837,005 | -0,07 | 5,153 | 836,850 | 5,707 | 836,889 | 0,039 | 1,403 | 19,687 | 4.246,140 | 2.056,996 | | | |
| 239+0,000 | | | | -5,468 | 836,179 | 836,317 | 836,343 | -0,03 | 5,153 | 836,188 | 5,697 | 836,217 | 0,029 | 2,761 | 11,305 | 4.248,901 | 2.068,300 | | | |
| 240+0,000 | | | | -5,468 | 835,454 | 835,624 | 835,618 | 0,01 | 5,153 | 835,464 | 5,729 | 835,525 | 0,061 | 5,526 | 3,415 | 4.254,426 | 2.071,716 | | | |
| 241+0,000 | | | | -5,468 | 834,668 | 834,863 | 834,832 | 0,03 | 5,153 | 834,677 | 5,706 | 834,715 | 0,037 | 8,423 | 0,028 | 4.262,850 | 2.071,744 | | | |
| 242+0,000 | | | | -5,468 | 833,819 | 834,005 | 833,983 | 0,02 | 5,153 | 833,829 | 5,727 | 833,887 | 0,058 | 8,279 | 0,028 | 4.271,129 | 2.071,772 | | | |
| 243+0,000 | | | | -5,468 | 832,908 | 833,101 | 833,072 | 0,03 | 5,153 | 832,917 | 5,778 | 833,027 | 0,110 | 9,564 | 0,000 | 4.280,692 | 2.071,772 | | | |
| 244+0,000 | | | | -5,468 | 831,942 | 832,113 | 832,106 | 0,01 | 5,153 | 831,952 | 5,806 | 832,090 | 0,138 | 10,995 | 0,000 | 4.291,688 | 2.071,772 | | | |
| 245+0,000 | | | | -5,468 | 830,969 | 831,175 | 831,133 | 0,04 | 5,153 | 830,978 | 5,826 | 831,136 | 0,158 | 15,356 | 0,000 | 4.307,043 | 2.071,772 | | | |
| 246+0,000 | | | | -5,468 | 829,996 | 830,181 | 830,160 | 0,02 | 5,153 | 830,005 | 5,840 | 830,176 | 0,171 | 17,045 | 0,000 | 4.324,089 | 2.071,772 | | | |
| 247+0,000 | | | | -5,468 | 829,022 | 829,146 | 829,186 | -0,04 | 5,153 | 829,032 | 5,816 | 829,180 | 0,148 | 13,206 | 1,858 | 4.337,295 | 2.073,630 | | | |
| 248+0,000 | | | | -5,468 | 828,049 | 828,214 | 828,213 | 0,00 | 5,153 | 828,058 | 5,794 | 828,184 | 0,126 | 11,600 | 2,277 | 4.348,895 | 2.075,906 | | | |

Observações: Cota vermelha (C.V.) e Altura (ALT): (+) corte (-) aterro

