Progetto del tracciato plano-altimetrico ottimizzato, riferito a punti fissi in coordinate assolute. Elementi caratteristici del tracciato del binario di progetto

# Binario Dispari

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.ba ssa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
| Inizio/RT | Inizio/LV | 21507.340 | 21589.652 | 179.483 |  |  |  |  |  |  |  |  | -0.1367 | 118.153 | 412499.611 | 1034191.128 | 118.153 | 57.9419 |
| RT/RC |  | 21589.652 | 30.000 |  |  |  |  |  |  |  | 0 |  | -0.1367 | 118.142 | 412564.605 | 1034241.638 | 118.142 | 57.9419 |
| RC/CC |  | 21619.652 | 36.927 |  | -1150 |  |  |  |  |  | 40 | Dx | -0.1367 | 118.138 | 412588.212 | 1034260.149 | 118.158 | 57.9419 |
| VP.1 |  | 21638.116 |  |  | -1150 |  | 2.0442 | 411870.758 | 1035158.903 |  | 0 |  |  | 118.135 | 412588.212 | 1034260.149 | 118.135 | 57.9419 |
| CC/RC |  | 21656.579 | 30.000 |  | -1150 |  |  |  |  |  | 40 | Dx |  | 118.133 | 412616.696 | 1034283.646 | 118.153 | 57.9419 |
| RC/RT |  | 21686.579 | 36.037 |  |  |  |  |  |  |  | 0 |  |  | 118.129 | 412639.359 | 1034303.303 | 118.129 | 57.9419 |
|  | LV/RV | 21686.823 |  | 12.266 |  | -10000 |  |  |  |  | 0 |  |  | 118.129 | 412639.543 | 1034303.464 | 118.129 | 57.9419 |
|  | VV.1 | 21692.956 |  |  |  | -10000 |  |  |  | 6.133 | 0 |  | -1.3633 | 118.126 | 412644.158 | 1034307.502 | 118.126 | 57.9419 |
|  | RV/LV | 21699.089 |  | 143.375 |  | -10000 |  |  |  |  | 0 |  | -1.3633 | 118.120 | 412648.774 | 1034311.541 | 118.120 | 57.9419 |
| RT/RC |  | 21722.616 | 26.670 |  |  |  |  |  |  |  | 0 |  | -1.3633 | 118.087 | 412666.480 | 1034327.034 | 118.087 | 57.9419 |
| RC/CC |  | 21749.286 | 36.660 |  | 1140 |  |  |  |  |  | 40 | Sx | -1.3633 | 118.051 | 412686.619 | 1034344.518 | 118.071 | 57.9419 |
| VP.2 |  | 21767.616 |  |  | 1140 |  | 2.0472 | 413427.238 | 1033477.867 |  | 0 |  | -1.3633 | 118.026 | 412686.619 | 1034344.518 | 118.026 | 57.9419 |
| CC/RC |  | 21785.946 | 26.670 |  | 1140 |  |  |  |  |  | 40 | Sx | -1.3633 | 118.001 | 412714.866 | 1034367.882 | 118.021 | 57.9419 |
| RC/RT |  | 21812.616 | 227.085 |  |  |  |  |  |  |  | 0 |  | -1.3633 | 117.965 | 412735.817 | 1034384.385 | 117.965 | 57.9419 |
|  | LV/RV | 21842.464 |  | 27.833 |  | 30000 |  |  |  |  | 0 |  | -1.3633 | 117.924 | 412759.337 | 1034402.763 | 117.924 | 57.9419 |
|  | VV.2 | 21856.380 |  |  |  | 30000 |  |  |  | 13.917 | 0 |  | -0.4355 | 117.908 | 412770.302 | 1034411.331 | 117.908 | 57.9419 |
|  | RV/LV | 21870.297 |  | 150.369 |  | 30000 |  |  |  |  | 0 |  | -0.4355 | 117.899 | 412781.268 | 1034419.900 | 117.899 | 57.9419 |
|  | LV/RV | 22020.666 |  | 17.519 |  | -10000 |  |  |  |  | 0 |  | -0.4355 | 117.834 | 412899.755 | 1034512.484 | 117.834 | 57.9419 |
|  | VV.3 | 22029.426 |  |  |  | -10000 |  |  |  | 8.760 | 0 |  | -2.1874 | 117.826 | 412906.657 | 1034517.878 | 117.826 | 57.9419 |
|  | RV/LV | 22038.185 |  | 180.529 |  | -10000 |  |  |  |  | 0 |  | -2.1874 | 117.811 | 412913.559 | 1034523.271 | 117.811 | 57.9419 |
| RT/RC |  | 22039.701 | 60.000 |  |  |  |  |  |  |  | 0 |  | -2.1874 | 117.807 | 412914.754 | 1034524.204 | 117.807 | 57.9419 |
| RC/CC |  | 22099.701 | 52.410 |  | 3400 |  |  |  |  |  | 50 | Sx | -2.1874 | 117.676 | 412962.140 | 1034561.008 | 117.701 | 57.9419 |
| VP.3 |  | 22125.906 |  |  | 3400 |  | 0.9813 | 415031.846 | 1031863.543 |  | 0 |  | -2.1874 | 117.619 | 412962.140 | 1034561.008 | 117.619 | 57.9419 |
| CC/RC |  | 22152.111 | 60.000 |  | 3400 |  |  |  |  |  | 50 | Sx | -2.1874 | 117.561 | 413003.965 | 1034592.590 | 117.586 | 57.9419 |
| RC/RT |  | 22212.111 | 237.834 |  |  |  |  |  |  |  | 0 |  | -2.1874 | 117.430 | 413052.334 | 1034628.092 | 117.430 | 57.9419 |
|  | LV/RV | 22218.714 |  | 13.664 |  | -10000 |  |  |  |  | 0 |  | -2.1874 | 117.416 | 413057.668 | 1034631.983 | 117.416 | 57.9419 |
|  | VV.4 | 22225.546 |  |  |  | -10000 |  |  |  | 6.832 | 0 |  | -3.5539 | 117.398 | 413063.188 | 1034636.010 | 117.398 | 57.9419 |
|  | RV/LV | 22232.378 |  | 121.130 |  | -10000 |  |  |  |  | 0 |  | -3.5539 | 117.376 | 413068.708 | 1034640.036 | 117.376 | 57.9419 |
|  | LV/RV | 22353.508 |  | 19.771 |  | 20000 |  |  |  |  | 0 |  | -3.5539 | 116.946 | 413166.568 | 1034711.422 | 116.946 | 57.9419 |
|  | VV.5 | 22363.393 |  |  |  | 20000 |  |  |  | 9.885 | 0 |  | -2.5653 | 116.913 | 413174.554 | 1034717.247 | 116.913 | 57.9419 |
|  | RV/LV | 22373.279 |  | 197.066 |  | 20000 |  |  |  |  | 0 |  | -2.5653 | 116.885 | 413182.540 | 1034723.073 | 116.885 | 57.9419 |
| RT/RC |  | 22449.945 | 119.000 |  |  |  |  |  |  |  | 0 |  | -2.5653 | 116.689 | 413244.478 | 1034768.255 | 116.689 | 57.9419 |
| RC/CC |  | 22568.945 | 41.582 |  | -1205 |  |  |  |  |  | 140 | Dx | -2.5653 | 116.384 | 413339.440 | 1034839.950 | 116.454 | 57.9419 |
|  | LV/RV | 22570.345 |  | 38.945 |  | -12000 |  |  |  |  | 140 | Dx | -2.5653 | 116.380 | 413340.529 | 1034840.830 | 116.450 | 57.9419 |
| VP.4 |  | 22589.736 |  |  | -1205 |  | 2.1968 | 412582.161 | 1035777.262 |  | 0 |  | -2.5653 | 116.315 | 413339.440 | 1034839.950 | 116.315 | 57.9419 |
|  | VV.6 | 22589.818 |  |  |  | -12000 |  |  |  | 19.472 | 140 | Dx | -5.8109 | 116.314 | 413355.562 | 1034853.207 | 116.384 | 57.9419 |
|  | RV/LV | 22609.290 |  | 146.930 |  | -12000 |  |  |  |  | 140 | Dx | -5.8109 | 116.217 | 413370.393 | 1034865.825 | 116.287 | 57.9419 |
| CC/RC |  | 22610.527 | 119.000 |  | -1205 |  |  |  |  |  | 140 | Dx | -5.8109 | 116.210 | 413371.327 | 1034866.634 | 116.280 | 57.9419 |
| RC/RT |  | 22729.527 | 153.765 |  |  |  |  |  |  |  | 0 |  | -5.8109 | 115.518 | 413458.637 | 1034947.473 | 115.518 | 57.9419 |
|  | LV/RV | 22756.220 |  | 19.630 |  | -40000 |  |  |  |  | 0 |  | -5.8109 | 115.363 | 413477.923 | 1034965.928 | 115.363 | 57.9419 |
|  | VV.7 | 22766.035 |  |  |  | -40000 |  |  |  | 9.815 | 0 |  | -6.3016 | 115.305 | 413485.014 | 1034972.714 | 115.305 | 57.9419 |
|  | RV/LV | 22775.850 |  | 89.645 |  | -40000 |  |  |  |  | 0 |  | -6.3016 | 115.244 | 413492.106 | 1034979.500 | 115.244 | 57.9419 |
|  | LV/RV | 22865.495 |  | 15.326 |  | 15000 |  |  |  |  | 0 |  | -6.3016 | 114.679 | 413556.874 | 1035041.478 | 114.679 | 57.9419 |
|  | VV.8 | 22873.158 |  |  |  | 15000 |  |  |  | 7.663 | 0 |  | -5.2799 | 114.633 | 413562.410 | 1035046.776 | 114.633 | 57.9419 |
|  | RV/LV | 22880.821 |  | 100.260 |  | 15000 |  |  |  |  | 0 |  | -5.2799 | 114.590 | 413567.947 | 1035052.074 | 114.590 | 57.9419 |
| RT/RC |  | 22883.292 | 55.000 |  |  |  |  |  |  |  | 0 |  | -5.2799 | 114.577 | 413569.732 | 1035053.783 | 114.577 | 57.9419 |
| RC/CC |  | 22938.292 | 341.972 |  | -5045.5 |  |  |  |  |  | 30 | Dx | -5.2799 | 114.287 | 413609.400 | 1035091.880 | 114.302 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.ba ssa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | LV/RV | 22981.081 |  | 36.106 |  | 30000 |  |  |  |  | 30 | Dx | -5.2799 | 114.061 | 413640.027 | 1035121.762 | 114.076 | 57.9419 |
|  | VV.9 | 22999.134 |  |  |  | 30000 |  |  |  | 18.053 | 30 | Dx | -4.0763 | 113.971 | 413652.872 | 1035134.446 | 113.986 | 57.9419 |
|  | RV/LV | 23017.187 |  | 106.512 |  | 30000 |  |  |  |  | 30 | Dx | -4.0763 | 113.892 | 413665.672 | 1035147.177 | 113.907 | 57.9419 |
| VP.5 |  | 23109.278 |  |  | -5045.5 |  | 4.3149 | 410101.259 | 1038718.175 |  | 0 |  | -4.0763 | 113.517 | 413609.400 | 1035091.880 | 113.517 | 57.9419 |
|  | LV/RV | 23123.699 |  | 29.656 |  | 40000 |  |  |  |  | 30 | Dx | -4.0763 | 113.458 | 413740.257 | 1035223.213 | 113.473 | 57.9419 |
|  | VV.10 | 23138.527 |  |  |  | 40000 |  |  |  | 14.828 | 30 | Dx | -3.3349 | 113.400 | 413750.513 | 1035233.923 | 113.415 | 57.9419 |
|  | RV/LV | 23153.355 |  | 595.163 |  | 40000 |  |  |  |  | 30 | Dx | -3.3349 | 113.348 | 413760.737 | 1035244.663 | 113.363 | 57.9419 |
| CC/RC |  | 23280.264 | 20.000 |  | -5045.5 |  |  |  |  |  | 30 | Dx | -3.3349 | 112.925 | 413846.939 | 1035337.798 | 112.940 | 57.9419 |
| RC/CC |  | 23300.264 | 489.983 |  | -5075 |  |  |  |  |  | 30 | Dx | -3.3349 | 112.858 | 413860.309 | 1035352.672 | 112.873 | 57.9419 |
| VP.6 |  | 23545.255 |  |  | -5075 |  | 6.1465 | 410079.320 | 1038737.896 |  | 0 |  | -3.3349 | 112.041 | 413860.309 | 1035352.672 | 112.041 | 57.9419 |
|  | LV/RV | 23748.518 |  | 29.311 |  | 25000 |  |  |  |  | 30 | Dx | -3.3349 | 111.363 | 414144.185 | 1035699.394 | 111.378 | 57.9419 |
|  | VV.11 | 23763.174 |  |  |  | 25000 |  |  |  | 14.656 | 30 | Dx | -2.1624 | 111.319 | 414152.942 | 1035711.145 | 111.334 | 57.9419 |
|  | RV/LV | 23777.829 |  | 94.296 |  | 25000 |  |  |  |  | 30 | Dx | -2.1624 | 111.283 | 414161.666 | 1035722.921 | 111.298 | 57.9419 |
| CC/RC |  | 23790.247 | 55.000 |  | -5075 |  |  |  |  |  | 30 | Dx | -2.1624 | 111.256 | 414169.031 | 1035732.919 | 111.271 | 57.9419 |
| RC/RT |  | 23845.247 | 6414.733 |  |  |  |  |  |  |  | 0 |  | -2.1624 | 111.137 | 414201.437 | 1035777.358 | 111.137 | 57.9419 |
|  | LV/RV | 23872.125 |  | 32.383 |  | 40000 |  |  |  |  | 0 |  | -2.1624 | 111.079 | 414217.234 | 1035799.104 | 111.079 | 57.9419 |
|  | VV.12 | 23888.316 |  |  |  | 40000 |  |  |  | 16.192 | 0 |  | -1.3528 | 111.047 | 414226.750 | 1035812.204 | 111.047 | 57.9419 |
|  | RV/LV | 23904.508 |  | 152.806 |  | 40000 |  |  |  |  | 0 |  | -1.3528 | 111.022 | 414236.267 | 1035825.304 | 111.022 | 57.9419 |
|  | LV/RV | 24057.314 |  | 24.594 |  | 20000 |  |  |  |  | 0 |  | -1.3528 | 110.815 | 414326.077 | 1035948.931 | 110.815 | 57.9419 |
|  | VV.13 | 24069.611 |  |  |  | 20000 |  |  |  | 12.297 | 0 |  | -0.1231 | 110.802 | 414333.304 | 1035958.880 | 110.802 | 57.9419 |
|  | RV/LV | 24081.908 |  | 105.864 |  | 20000 |  |  |  |  | 0 |  | -0.1231 | 110.797 | 414340.532 | 1035968.829 | 110.797 | 57.9419 |
|  | LV/RV | 24187.772 |  | 16.791 |  | -35000 |  |  |  |  | 0 |  | -0.1231 | 110.784 | 414402.752 | 1036054.479 | 110.784 | 57.9419 |
|  | VV.14 | 24196.167 |  |  |  | -35000 |  |  |  | 8.395 | 0 |  | -0.6028 | 110.782 | 414407.686 | 1036061.271 | 110.782 | 57.9419 |
|  | RV/LV | 24204.563 |  | 842.692 |  | -35000 |  |  |  |  | 0 |  | -0.6028 | 110.778 | 414412.620 | 1036068.063 | 110.778 | 57.9419 |
|  | LV/RV | 25047.255 |  | 207.339 |  | -75000 |  |  |  |  | 0 |  | -0.6028 | 110.270 | 414907.903 | 1036749.844 | 110.270 | 57.9419 |
|  | VV.15 | 25150.925 |  |  |  | -75000 |  |  |  | 103.669 | 0 |  | -3.3674 | 110.136 | 414968.834 | 1036833.719 | 110.136 | 57.9419 |
|  | RV/LV | 25254.594 |  | 572.464 |  | -75000 |  |  |  |  | 0 |  | -3.3674 | 109.858 | 415029.764 | 1036917.592 | 109.858 | 57.9419 |
|  | LV/RV | 25827.058 |  | 195.541 |  | 100000 |  |  |  |  | 0 |  | -3.3674 | 107.931 | 415366.223 | 1037380.745 | 107.931 | 57.9419 |
|  | VV.16 | 25924.828 |  |  |  | 100000 |  |  |  | 97.771 | 0 |  | -1.4119 | 107.649 | 415423.687 | 1037459.846 | 107.649 | 57.9419 |
|  | RV/LV | 26022.599 |  | 133.976 |  | 100000 |  |  |  |  | 0 |  | -1.4119 | 107.463 | 415481.150 | 1037538.947 | 107.463 | 57.9419 |
|  | LV/RV | 26156.575 |  | 47.259 |  | -25000 |  |  |  |  | 0 |  | -1.4119 | 107.274 | 415559.893 | 1037647.340 | 107.274 | 57.9419 |
|  | VV.17 | 26180.204 |  |  |  | -25000 |  |  |  | 23.630 | 0 |  | -3.3023 | 107.230 | 415573.781 | 1037666.458 | 107.230 | 57.9419 |
|  | RV/LV | 26203.834 |  | 179.074 |  | -25000 |  |  |  |  | 0 |  | -3.3023 | 107.163 | 415587.669 | 1037685.576 | 107.163 | 57.9419 |
|  | LV/RV | 26382.908 |  | 34.284 |  | -45000 |  |  |  |  | 0 |  | -3.3023 | 106.572 | 415692.918 | 1037830.456 | 106.572 | 57.9419 |
|  | VV.18 | 26400.050 |  |  |  | -45000 |  |  |  | 17.142 | 0 |  | -4.0642 | 106.512 | 415702.993 | 1037844.325 | 106.512 | 57.9419 |
|  | RV/LV | 26417.192 |  | 430.053 |  | -45000 |  |  |  |  | 0 |  | -4.0642 | 106.445 | 415713.068 | 1037858.193 | 106.445 | 57.9419 |
|  | LV/RV | 26847.245 |  | 61.798 |  | 40000 |  |  |  |  | 0 |  | -4.0642 | 104.697 | 415965.826 | 1038206.128 | 104.697 | 57.9419 |
|  | VV.19 | 26878.144 |  |  |  | 40000 |  |  |  | 30.899 | 0 |  | -2.5193 | 104.584 | 415983.987 | 1038231.127 | 104.584 | 57.9419 |
|  | RV/LV | 26909.043 |  | 476.447 |  | 40000 |  |  |  |  | 0 |  | -2.5193 | 104.494 | 416002.147 | 1038256.126 | 104.494 | 57.9419 |
|  | LV/RV | 27385.490 |  | 52.400 |  | 45000 |  |  |  |  | 0 |  | -2.5193 | 103.294 | 416282.173 | 1038641.596 | 103.294 | 57.9419 |
|  | VV.20 | 27411.690 |  |  |  | 45000 |  |  |  | 26.200 | 0 |  | -1.3548 | 103.235 | 416297.572 | 1038662.793 | 103.235 | 57.9419 |
|  | RV/LV | 27437.890 |  | 142.025 |  | 45000 |  |  |  |  | 0 |  | -1.3548 | 103.192 | 416312.971 | 1038683.990 | 103.192 | 57.9419 |
|  | LV/RV | 27579.915 |  | 29.259 |  | -60000 |  |  |  |  | 0 |  | -1.3548 | 103.000 | 416396.445 | 1038798.895 | 103.000 | 57.9419 |
|  | VV.21 | 27594.544 |  |  |  | -60000 |  |  |  | 14.629 | 0 |  | -1.8424 | 102.978 | 416405.043 | 1038810.731 | 102.978 | 57.9419 |
|  | RV/LV | 27609.174 |  | 299.693 |  | -60000 |  |  |  |  | 0 |  | -1.8424 | 102.953 | 416413.641 | 1038822.567 | 102.953 | 57.9419 |
|  | LV/RV | 27908.867 |  | 61.381 |  | 40000 |  |  |  |  | 0 |  | -1.8424 | 102.401 | 416589.782 | 1039065.034 | 102.401 | 57.9419 |
|  | VV.22 | 27939.557 |  |  |  | 40000 |  |  |  | 30.690 | 0 |  | -0.3079 | 102.356 | 416607.820 | 1039089.864 | 102.356 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.ba ssa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | RV/LV | 27970.248 |  | 1252.071 |  | 40000 |  |  |  |  | 0 |  | -0.3079 | 102.335 | 416625.858 | 1039114.695 | 102.335 | 57.9419 |
|  | LV/RV | 29222.319 |  | 35.565 |  | 100000 |  |  |  |  | 0 |  | -0.3079 | 101.949 | 417361.749 | 1040127.685 | 101.949 | 57.9419 |
|  | VV.23 | 29240.102 |  |  |  | 100000 |  |  |  | 17.783 | 0 |  | 0.0477 | 101.945 | 417372.200 | 1040142.071 | 101.945 | 57.9419 |
|  | RV/LV | 29257.884 |  | 805.914 |  | 100000 |  |  |  |  | 0 |  | 0.0477 | 101.945 | 417382.652 | 1040156.458 | 101.945 | 57.9419 |
|  | LV/RV | 30063.798 |  | 35.037 |  | -125000 |  |  |  |  | 0 |  | 0.0477 | 101.983 | 417856.318 | 1040808.484 | 101.983 | 57.9419 |
|  | VV.24 | 30081.316 |  |  |  | -125000 |  |  |  | 17.519 | 0 |  | -0.2326 | 101.983 | 417866.614 | 1040822.657 | 101.983 | 57.9419 |
|  | RV/LV | 30098.835 |  | 200.681 |  | -125000 |  |  |  |  | 0 |  | -0.2326 | 101.980 | 417876.910 | 1040836.830 | 101.980 | 57.9419 |
| RT/RC |  | 30259.980 | 36.000 |  |  |  |  |  |  |  | 0 |  | -0.2326 | 101.942 | 417971.622 | 1040967.205 | 101.942 | 57.9419 |
| RC/CC |  | 30295.980 | 42.107 |  | -10200 |  |  |  |  |  | 25 | Dx | -0.2326 | 101.934 | 417992.763 | 1040996.343 | 101.947 | 57.9419 |
|  | LV/RV | 30299.516 |  | 24.881 |  | -10000 |  |  |  |  | 25 | Dx | -0.2326 | 101.933 | 417994.836 | 1040999.208 | 101.946 | 57.9419 |
|  | VV.25 | 30311.956 |  |  |  | -10000 |  |  |  | 12.441 | 25 | Dx | -2.7207 | 101.923 | 418002.120 | 1041009.293 | 101.936 | 57.9419 |
| VP.7 |  | 30317.033 |  |  | -10200 |  | 0.2628 | 409729.876 | 1046976.702 |  | 0 |  | -2.7207 | 101.914 | 417992.763 | 1040996.343 | 101.914 | 57.9419 |
|  | RV/LV | 30324.397 |  | 100.070 |  | -10000 |  |  |  |  | 25 | Dx | -2.7207 | 101.897 | 418009.392 | 1041019.387 | 101.910 | 57.9419 |
| CC/RC |  | 30338.087 | 36.000 |  | -10200 |  |  |  |  |  | 25 | Dx | -2.7207 | 101.859 | 418017.380 | 1041030.504 | 101.872 | 57.9419 |
| RC/RT |  | 30374.087 | 119.694 |  |  |  |  |  |  |  | 0 |  | -2.7207 | 101.761 | 418038.332 | 1041059.779 | 101.761 | 57.9419 |
|  | LV/RV | 30424.467 |  | 20.924 |  | -15000 |  |  |  |  | 0 |  | -2.7207 | 101.624 | 418067.630 | 1041100.765 | 101.624 | 57.9419 |
|  | VV.26 | 30434.929 |  |  |  | -15000 |  |  |  | 10.462 | 0 |  | -4.1157 | 101.592 | 418073.714 | 1041109.276 | 101.592 | 57.9419 |
|  | RV/LV | 30445.391 |  | 100.352 |  | -15000 |  |  |  |  | 0 |  | -4.1157 | 101.553 | 418079.798 | 1041117.787 | 101.553 | 57.9419 |
| RT/RC |  | 30493.781 | 36.000 |  |  |  |  |  |  |  | 0 |  | -4.1157 | 101.354 | 418107.938 | 1041157.153 | 101.354 | 57.9419 |
| RC/CC |  | 30529.781 | 42.460 |  | 12000 |  |  |  |  |  | 25 | Sx | -4.1157 | 101.205 | 418128.887 | 1041186.430 | 101.218 | 57.9419 |
|  | LV/RV | 30545.743 |  | 26.074 |  | 20000 |  |  |  |  | 25 | Sx | -4.1157 | 101.140 | 418138.198 | 1041199.395 | 101.153 | 57.9419 |
| VP.8 |  | 30551.011 |  |  | 12000 |  | 0.2253 | 427880.743 | 1034193.484 |  | 0 |  | -4.1157 | 101.119 | 418128.887 | 1041186.430 | 101.119 | 57.9419 |
|  | VV.27 | 30558.780 |  |  |  | 20000 |  |  |  | 13.037 | 25 | Sx | -2.8119 | 101.090 | 418145.815 | 1041209.976 | 101.103 | 57.9419 |
|  | RV/LV | 30571.817 |  | 195.273 |  | 20000 |  |  |  |  | 25 | Sx | -2.8119 | 101.049 | 418153.443 | 1041220.548 | 101.062 | 57.9419 |
| CC/RC |  | 30572.241 | 36.000 |  | 12000 |  |  |  |  |  | 25 | Sx | -2.8119 | 101.048 | 418153.692 | 1041220.892 | 101.061 | 57.9419 |
| RC/RT |  | 30608.241 | 65.094 |  |  |  |  |  |  |  | 0 |  | -2.8119 | 100.947 | 418174.803 | 1041250.052 | 100.947 | 57.9419 |
| RT/RC |  | 30673.335 | 25.000 |  |  |  |  |  |  |  | 0 |  | -2.8119 | 100.764 | 418213.002 | 1041302.759 | 100.764 | 57.9419 |
| RC/CC |  | 30698.335 | 43.543 |  | 10000 |  |  |  |  |  | 20 | Sx | -2.8119 | 100.694 | 418227.682 | 1041322.996 | 100.704 | 57.9419 |
| VP.9 |  | 30720.107 |  |  | 10000 |  | 0.2772 | 426317.423 | 1035444.553 |  | 0 |  | -2.8119 | 100.632 | 418227.682 | 1041322.996 | 100.632 | 57.9419 |
| CC/RC |  | 30741.878 | 25.000 |  | 10000 |  |  |  |  |  | 20 | Sx | -2.8119 | 100.571 | 418253.354 | 1041358.164 | 100.581 | 57.9419 |
| RC/RT |  | 30766.878 | 53.600 |  |  |  |  |  |  |  | 0 |  | -2.8119 | 100.501 | 418268.155 | 1041378.312 | 100.501 | 57.9419 |
|  | LV/RV | 30767.090 |  | 17.545 |  | 15000 |  |  |  |  | 0 |  | -2.8119 | 100.500 | 418268.281 | 1041378.483 | 100.500 | 57.9419 |
|  | VV.1 | 30775.862 |  |  |  | 15000 |  |  |  | 8.772 | 0 |  | -1.6423 | 100.478 | 418273.477 | 1041385.551 | 100.478 | 57.9419 |
|  | RV/LV | 30784.635 |  | 169.510 |  | 15000 |  |  |  |  | 0 |  | -1.6423 | 100.461 | 418278.674 | 1041392.618 | 100.461 | 57.9419 |
| RT/RC |  | 30820.478 | 41.000 |  |  |  |  |  |  |  | 0 |  | -1.6423 | 100.402 | 418299.906 | 1041421.496 | 100.402 | 57.9419 |
| RC/CC |  | 30861.478 | 40.396 |  | -3305 |  |  |  |  |  | 45 | Dx | -1.6423 | 100.335 | 418324.125 | 1041454.579 | 100.358 | 57.9419 |
| VP.1 |  | 30881.676 |  |  | -3305 |  | 0.7781 | 415649.304 | 1043395.804 |  | 0 |  | -1.6423 | 100.302 | 418324.125 | 1041454.579 | 100.302 | 57.9419 |
| CC/RC |  | 30901.874 | 41.000 |  | -3305 |  |  |  |  |  | 45 | Dx | -1.6423 | 100.269 | 418347.651 | 1041487.416 | 100.292 | 57.9419 |
| RC/RT |  | 30942.874 | 46.273 |  |  |  |  |  |  |  | 0 |  | -1.6423 | 100.201 | 418371.187 | 1041520.988 | 100.201 | 57.9419 |
|  | LV/RV | 30954.145 |  | 27.272 |  | 12000 |  |  |  |  | 0 |  | -1.6423 | 100.183 | 418377.639 | 1041530.231 | 100.183 | 57.9419 |
|  | VV.2 | 30967.781 |  |  |  | 12000 |  |  |  | 13.636 | 0 |  | 0.6303 | 100.168 | 418385.443 | 1041541.412 | 100.168 | 57.9419 |
|  | RV/LV | 30981.417 |  | 91.822 |  | 12000 |  |  |  |  | 0 |  | 0.6303 | 100.169 | 418393.247 | 1041552.594 | 100.169 | 57.9419 |
| RT/RC |  | 30989.147 | 149.999 |  |  |  |  |  |  |  | 0 |  | 0.6303 | 100.174 | 418397.671 | 1041558.932 | 100.174 | 57.9419 |
|  | LV/RV | 31073.239 |  | 30.413 |  | 12000 |  |  |  |  | 90 | Sx | 0.6303 | 100.227 | 418446.305 | 1041627.532 | 100.272 | 57.9419 |
|  | VV.3 | 31088.445 |  |  |  | 12000 |  |  |  | 15.206 | 106 | Sx | 3.1647 | 100.246 | 418455.333 | 1041639.769 | 100.299 | 57.9419 |
|  | RV/LV | 31103.652 |  | 194.420 |  | 12000 |  |  |  |  | 122 | Sx | 3.1647 | 100.285 | 418464.474 | 1041651.921 | 100.346 | 57.9419 |
| RC/CC |  | 31139.146 | 255.627 |  | 1071.5 |  |  |  |  |  | 160 | Sx | 3.1647 | 100.397 | 418486.349 | 1041679.872 | 100.477 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.ba ssa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
| VP.2 |  | 31266.960 |  |  | 1071.5 |  | 15.1878 | 419320.047 | 1041006.775 |  | 0 |  | 3.1647 | 100.801 | 418486.349 | 1041679.872 | 100.801 | 57.9419 |
|  | LV/RV | 31298.072 |  | 96.652 |  | -35000 |  |  |  |  | 160 | Sx | 3.1647 | 100.900 | 418594.971 | 1041795.684 | 100.980 | 57.9419 |
|  | VV.4 | 31346.398 |  |  |  | -35000 |  |  |  | 48.326 | 160 | Sx | 0.4032 | 101.019 | 418631.277 | 1041827.572 | 101.099 | 57.9419 |
|  | RV/LV | 31394.724 |  | 103.194 |  | -35000 |  |  |  |  | 160 | Sx | 0.4032 | 101.072 | 418668.984 | 1041857.792 | 101.152 | 57.9419 |
| CC/RC |  | 31394.773 | 150.000 |  | 1071.5 |  |  |  |  |  | 160 | Sx | 0.4032 | 101.072 | 418669.023 | 1041857.821 | 101.152 | 57.9419 |
|  | LV/RV | 31497.918 |  | 95.038 |  | -15000 |  |  |  |  | 50 | Sx | 0.4032 | 101.114 | 418753.193 | 1041917.409 | 101.139 | 57.9419 |
| RC/RT |  | 31544.773 | 1970.752 |  |  |  |  |  |  |  | 0 |  | 0.4032 | 101.060 | 418792.245 | 1041943.299 | 101.060 | 57.9419 |
|  | VV.5 | 31545.438 |  |  |  | -15000 |  |  |  | 47.519 | 0 |  | -5.9328 | 101.058 | 418792.800 | 1041943.666 | 101.058 | 57.9419 |
|  | RV/LV | 31592.956 |  | 214.819 |  | -15000 |  |  |  |  | 0 |  | -5.9328 | 100.851 | 418832.465 | 1041969.833 | 100.851 | 57.9419 |
|  | LV/RV | 31807.775 |  | 30.862 |  | 80000 |  |  |  |  | 0 |  | -5.9328 | 99.577 | 419011.779 | 1042088.127 | 99.577 | 57.9419 |
|  | VV.6 | 31823.206 |  |  |  | 80000 |  |  |  | 15.431 | 0 |  | -5.5470 | 99.487 | 419024.660 | 1042096.624 | 99.487 | 57.9419 |
|  | RV/LV | 31838.637 |  | 254.586 |  | 80000 |  |  |  |  | 0 |  | -5.5470 | 99.400 | 419037.541 | 1042105.122 | 99.400 | 57.9419 |
|  | LV/RV | 32093.223 |  | 453.363 |  | 85000 |  |  |  |  | 0 |  | -5.5470 | 97.987 | 419250.049 | 1042245.314 | 97.987 | 57.9419 |
|  | VV.7 | 32319.902 |  |  |  | 85000 |  |  |  | 226.683 | 0 |  | -0.2132 | 97.032 | 419439.264 | 1042370.139 | 97.032 | 57.9419 |
|  | RV/LV | 32546.586 |  | 369.103 |  | 85000 |  |  |  |  | 0 |  | -0.2132 | 96.682 | 419628.482 | 1042494.966 | 96.682 | 57.9419 |
|  | LV/RV | 32915.689 |  | 32.472 |  | 85000 |  |  |  |  | 0 |  | -0.2132 | 96.603 | 419936.581 | 1042698.220 | 96.603 | 57.9419 |
|  | VV.8 | 32931.925 |  |  |  | 85000 |  |  |  | 16.236 | 0 |  | 0.1688 | 96.601 | 419950.134 | 1042707.161 | 96.601 | 57.9419 |
|  | RV/LV | 32948.161 |  | 408.955 |  | 85000 |  |  |  |  | 0 |  | 0.1688 | 96.602 | 419963.686 | 1042716.101 | 96.602 | 57.9419 |
|  | LV/RV | 33357.116 |  | 157.423 |  | 58000 |  |  |  |  | 0 |  | 0.1688 | 96.671 | 420305.051 | 1042941.300 | 96.671 | 57.9419 |
|  | VV.9 | 33435.828 |  |  |  | 58000 |  |  |  | 78.711 | 0 |  | 2.8830 | 96.738 | 420370.753 | 1042984.644 | 96.738 | 57.9419 |
|  | RV/LV | 33514.539 |  | 215.116 |  | 58000 |  |  |  |  | 0 |  | 2.8830 | 96.912 | 420436.455 | 1043027.988 | 96.912 | 57.9419 |
| RT/RC |  | 33515.525 | 20.000 |  |  |  |  |  |  |  | 0 |  | 2.8830 | 96.914 | 420437.279 | 1043028.531 | 96.914 | 57.9419 |
| RC/CC |  | 33535.525 | 32.092 |  | -400000 |  |  |  |  |  | 0 |  | 2.8830 | 96.972 | 420453.973 | 1043039.545 | 96.972 | 57.9419 |
| VP.3 |  | 33551.571 |  |  | -400000 |  | 0.0051 | 200178.155 | 1376923.602 |  | 0 |  | 2.8830 | 97.018 | 420453.973 | 1043039.545 | 97.018 | 57.9419 |
| CC/RC |  | 33567.617 | 20.000 |  | -400000 |  |  |  |  |  | 0 |  | 2.8830 | 97.065 | 420480.760 | 1043057.218 | 97.065 | 57.9419 |
| RC/RT |  | 33587.617 | 2079.849 |  |  |  |  |  |  |  | 0 |  | 2.8830 | 97.122 | 420497.453 | 1043068.234 | 97.122 | 57.9419 |
|  | LV/RV | 33729.655 |  | 605.596 |  | -95000 |  |  |  |  | 0 |  | 2.8830 | 97.532 | 420616.006 | 1043146.465 | 97.532 | 57.9419 |
|  | VV.10 | 34032.453 |  |  |  | -95000 |  |  |  | 302.797 | 0 |  | -3.4917 | 97.922 | 420868.737 | 1043313.240 | 97.922 | 57.9419 |
|  | RV/LV | 34335.251 |  | 202.680 |  | -95000 |  |  |  |  | 0 |  | -3.4917 | 97.347 | 421121.467 | 1043480.013 | 97.347 | 57.9419 |
|  | LV/RV | 34537.931 |  | 32.360 |  | -80000 |  |  |  |  | 0 |  | -3.4917 | 96.640 | 421290.635 | 1043591.645 | 96.640 | 57.9419 |
|  | VV.11 | 34554.111 |  |  |  | -80000 |  |  |  | 16.180 | 0 |  | -3.8962 | 96.582 | 421304.140 | 1043600.557 | 96.582 | 57.9419 |
|  | RV/LV | 34570.291 |  | 341.697 |  | -80000 |  |  |  |  | 0 |  | -3.8962 | 96.520 | 421317.644 | 1043609.468 | 96.520 | 57.9419 |
|  | LV/RV | 34911.988 |  | 19.386 |  | 100000 |  |  |  |  | 0 |  | -3.8962 | 95.189 | 421602.842 | 1043797.667 | 95.189 | 57.9419 |
|  | VV.12 | 34921.681 |  |  |  | 100000 |  |  |  | 9.693 | 0 |  | -3.7024 | 95.152 | 421610.932 | 1043803.006 | 95.152 | 57.9419 |
|  | RV/LV | 34931.374 |  | 458.577 |  | 100000 |  |  |  |  | 0 |  | -3.7024 | 95.115 | 421619.023 | 1043808.345 | 95.115 | 57.9419 |
|  | LV/RV | 35389.951 |  | 21.890 |  | -50000 |  |  |  |  | 0 |  | -3.7024 | 93.417 | 422001.775 | 1044060.918 | 93.417 | 57.9419 |
|  | VV.13 | 35400.896 |  |  |  | -50000 |  |  |  | 10.945 | 0 |  | -4.1402 | 93.376 | 422010.910 | 1044066.947 | 93.376 | 57.9419 |
|  | RV/LV | 35411.841 |  | 208.030 |  | -50000 |  |  |  |  | 0 |  | -4.1402 | 93.332 | 422020.046 | 1044072.975 | 93.332 | 57.9419 |
|  | LV/RV | 35619.871 |  | 45.001 |  | 35000 |  |  |  |  | 0 |  | -4.1402 | 92.470 | 422193.679 | 1044187.553 | 92.470 | 57.9419 |
|  | VV.14 | 35642.372 |  |  |  | 35000 |  |  |  | 22.500 | 0 |  | -2.8544 | 92.384 | 422212.458 | 1044199.946 | 92.384 | 57.9419 |
|  | RV/LV | 35664.872 |  | 163.562 |  | 35000 |  |  |  |  | 0 |  | -2.8544 | 92.313 | 422231.238 | 1044212.339 | 92.313 | 57.9419 |
| RT/RC |  | 35667.466 | 20.000 |  |  |  |  |  |  |  | 0 |  | -2.8544 | 92.305 | 422233.404 | 1044213.768 | 92.305 | 57.9419 |
| RC/CC |  | 35687.466 | 43.407 |  | -275000 |  |  |  |  |  | 0 |  | -2.8544 | 92.248 | 422250.097 | 1044224.783 | 92.248 | 57.9419 |
| VP.4 |  | 35709.170 |  |  | -275000 |  | 0.0101 | 270777.971 | 1273748.628 |  | 0 |  | -2.8544 | 92.186 | 422250.097 | 1044224.783 | 92.186 | 57.9419 |
| CC/RC |  | 35730.873 | 20.000 |  | -275000 |  |  |  |  |  | 0 |  | -2.8544 | 92.124 | 422286.324 | 1044248.695 | 92.124 | 57.9419 |
| RC/RT |  | 35750.873 | 710.079 |  |  |  |  |  |  |  | 0 |  | -2.8544 | 92.067 | 422303.014 | 1044259.714 | 92.067 | 57.9419 |
|  | LV/RV | 35828.434 |  | 32.174 |  | -100000 |  |  |  |  | 0 |  | -2.8544 | 91.846 | 422367.741 | 1044302.448 | 91.846 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.ba ssa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | VV.15 | 35844.521 |  |  |  | -100000 |  |  |  | 16.087 | 0 |  | -3.1762 | 91.799 | 422381.166 | 1044311.311 | 91.799 | 57.9419 |
|  | RV/LV | 35860.608 |  | 132.861 |  | -100000 |  |  |  |  | 0 |  | -3.1762 | 91.749 | 422394.590 | 1044320.175 | 91.749 | 57.9419 |
|  | LV/RV | 35993.469 |  | 53.515 |  | 50000 |  |  |  |  | 0 |  | -3.1762 | 91.327 | 422505.466 | 1044393.377 | 91.327 | 57.9419 |
|  | VV.16 | 36020.226 |  |  |  | 50000 |  |  |  | 26.758 | 0 |  | -2.1058 | 91.249 | 422527.796 | 1044408.120 | 91.249 | 57.9419 |
|  | RV/LV | 36046.984 |  | 153.508 |  | 50000 |  |  |  |  | 0 |  | -2.1058 | 91.186 | 422550.126 | 1044422.862 | 91.186 | 57.9419 |
|  | LV/RV | 36200.492 |  | 202.662 |  | 70000 |  |  |  |  | 0 |  | -2.1058 | 90.862 | 422678.232 | 1044507.441 | 90.862 | 57.9419 |
|  | VV.17 | 36301.823 |  |  |  | 70000 |  |  |  | 101.331 | 0 |  | 0.7893 | 90.722 | 422762.796 | 1044563.271 | 90.722 | 57.9419 |
|  | RV/LV | 36403.154 |  | 83.755 |  | 70000 |  |  |  |  | 0 |  | 0.7893 | 90.729 | 422847.359 | 1044619.102 | 90.729 | 57.9419 |
| RT/RC |  | 36460.952 | 20.000 |  |  |  |  |  |  |  | 0 |  | 0.7893 | 90.775 | 422895.593 | 1044650.946 | 90.775 | 57.9419 |
| RC/CC |  | 36480.952 | 31.034 |  | 50000 |  |  |  |  |  | 0 |  | 0.7893 | 90.790 | 422912.284 | 1044661.965 | 90.790 | 57.9419 |
|  | LV/RV | 36486.909 |  | 22.562 |  | 30000 |  |  |  |  | 0 |  | 0.7893 | 90.795 | 422917.256 | 1044665.245 | 90.795 | 57.9419 |
| VP.5 |  | 36496.469 |  |  | 50000 |  | 0.0395 | 450452.429 | 1002930.197 |  | 0 |  | 0.7893 | 90.804 | 422912.284 | 1044661.965 | 90.804 | 57.9419 |
|  | VV.18 | 36498.190 |  |  |  | 30000 |  |  |  | 11.281 | 0 |  | 1.5414 | 90.806 | 422926.673 | 1044671.457 | 90.806 | 57.9419 |
|  | RV/LV | 36509.471 |  | 149.344 |  | 30000 |  |  |  |  | 0 |  | 1.5414 | 90.821 | 422936.092 | 1044677.666 | 90.821 | 57.9419 |
| CC/RC |  | 36511.986 | 20.000 |  | 50000 |  |  |  |  |  | 0 |  | 1.5414 | 90.825 | 422938.191 | 1044679.050 | 90.825 | 57.9419 |
| RC/RT |  | 36531.986 | 45.782 |  |  |  |  |  |  |  | 0 |  | 1.5414 | 90.856 | 422954.892 | 1044690.054 | 90.856 | 57.9419 |
| RT/RC |  | 36577.768 | 75.000 |  |  |  |  |  |  |  | 0 | Sx | 1.5414 | 90.927 | 422993.125 | 1044715.239 | 90.927 | 57.9419 |
| RC/CC |  | 36652.768 | 70.926 |  | 1990 |  |  |  |  |  | 30 | Sx | 1.5414 | 91.042 | 423056.013 | 1044756.103 | 91.057 | 57.9419 |
|  | LV/RV | 36658.815 |  | 30.994 |  | -35000 |  |  |  |  | 30 | Sx | 1.5414 | 91.052 | 423061.129 | 1044759.326 | 91.067 | 57.9419 |
|  | VV.19 | 36674.312 |  |  |  | -35000 |  |  |  | 15.497 | 30 | Sx | 0.6559 | 91.072 | 423074.286 | 1044767.515 | 91.087 | 57.9419 |
| VP.6 |  | 36688.231 |  |  | 1990 |  | 2.2690 | 424119.244 | 1043073.950 |  | 0 |  | 0.6559 | 91.085 | 423056.013 | 1044756.103 | 91.085 | 57.9419 |
|  | RV/LV | 36689.809 |  | 191.492 |  | -35000 |  |  |  |  | 30 | Sx | 0.6559 | 91.086 | 423087.507 | 1044775.601 | 91.101 | 57.9419 |
| CC/RC |  | 36723.694 | 75.000 |  | 1990 |  |  |  |  |  | 30 | Sx | 0.6559 | 91.108 | 423116.629 | 1044792.922 | 91.123 | 57.9419 |
| RC/RT |  | 36798.694 | 132.339 |  |  |  |  |  |  |  | 0 |  | 0.6559 | 91.157 | 423181.883 | 1044829.891 | 91.157 | 57.9419 |
|  | LV/RV | 36881.301 |  | 20.251 |  | -150000 |  |  |  |  | 0 |  | 0.6559 | 91.211 | 423254.011 | 1044870.159 | 91.211 | 57.9419 |
|  | VV.20 | 36891.427 |  |  |  | -150000 |  |  |  | 10.125 | 0 |  | 0.5209 | 91.218 | 423262.852 | 1044875.095 | 91.218 | 57.9419 |
|  | RV/LV | 36901.552 |  | 154.935 |  | -150000 |  |  |  |  | 0 |  | 0.5209 | 91.223 | 423271.693 | 1044880.031 | 91.223 | 57.9419 |
| RT/RC |  | 36931.033 | 100.000 |  |  |  |  |  |  |  | 0 | Sx | 0.5209 | 91.239 | 423297.434 | 1044894.402 | 91.239 | 57.9419 |
| RC/CC |  | 37031.033 | 58.663 |  | 1302 |  |  |  |  |  | 50 | Sx | 0.5209 | 91.291 | 423385.359 | 1044942.023 | 91.316 | 57.9419 |
|  | LV/RV | 37056.487 |  | 18.177 |  | 125000 |  |  |  |  | 50 | Sx | 0.5209 | 91.304 | 423408.156 | 1044953.347 | 91.329 | 57.9419 |
| VP.7 |  | 37060.364 |  |  | 1302 |  | 2.8684 | 423975.950 | 1043781.676 |  | 0 |  | 0.5209 | 91.306 | 423385.359 | 1044942.023 | 91.306 | 57.9419 |
|  | VV.21 | 37065.576 |  |  |  | 125000 |  |  |  | 9.088 | 50 | Sx | 0.6663 | 91.309 | 423416.348 | 1044957.282 | 91.334 | 57.9419 |
|  | RV/LV | 37074.664 |  | 140.803 |  | 125000 |  |  |  |  | 50 | Sx | 0.6663 | 91.315 | 423424.568 | 1044961.159 | 91.340 | 57.9419 |
| CC/RC |  | 37089.696 | 100.000 |  | 1302 |  |  |  |  |  | 50 | Sx | 0.6663 | 91.325 | 423438.222 | 1044967.446 | 91.350 | 57.9419 |
| RC/RT |  | 37189.696 | 54.325 |  |  |  |  |  |  |  | 0 |  | 0.6663 | 91.391 | 423530.315 | 1045006.401 | 91.391 | 57.9419 |
|  | LV/RV | 37215.467 |  | 27.686 |  | 17500 |  |  |  |  | 0 |  | 0.6663 | 91.408 | 423554.177 | 1045016.136 | 91.408 | 57.9419 |
|  | VV.22 | 37229.310 |  |  |  | 17500 |  |  |  | 13.843 | 0 |  | 2.2484 | 91.423 | 423566.994 | 1045021.366 | 91.423 | 57.9419 |
|  | RV/LV | 37243.153 |  | 112.130 |  | 17500 |  |  |  |  | 0 |  | 2.2484 | 91.449 | 423579.812 | 1045026.595 | 91.449 | 57.9419 |
| RT/RC |  | 37244.021 | 97.000 |  |  |  |  |  |  |  | 0 |  | 2.2484 | 91.451 | 423580.615 | 1045026.923 | 91.451 | 57.9419 |
| RC/CC |  | 37341.021 | 56.983 |  | 1450 |  |  |  |  |  | 40 | Sx | 2.2484 | 91.669 | 423670.826 | 1045062.560 | 91.689 | 57.9419 |
|  | LV/RV | 37355.283 |  | 38.211 |  | -40000 |  |  |  |  | 40 | Sx | 2.2484 | 91.701 | 423684.229 | 1045067.437 | 91.721 | 57.9419 |
| VP.8 |  | 37369.512 |  |  | 1450 |  | 2.5019 | 424173.388 | 1043702.437 |  | 0 |  | 2.2484 | 91.730 | 423670.826 | 1045062.560 | 91.730 | 57.9419 |
|  | VV.23 | 37374.389 |  |  |  | -40000 |  |  |  | 19.106 | 40 | Sx | 1.2931 | 91.739 | 423702.256 | 1045073.764 | 91.759 | 57.9419 |
|  | RV/LV | 37393.494 |  | 343.754 |  | -40000 |  |  |  |  | 40 | Sx | 1.2931 | 91.769 | 423720.365 | 1045079.852 | 91.789 | 57.9419 |
| CC/RC |  | 37398.004 | 97.000 |  | 1450 |  |  |  |  |  | 40 | Sx | 1.2931 | 91.774 | 423724.652 | 1045081.255 | 91.794 | 57.9419 |
| RC/RT |  | 37495.004 | 444.547 |  |  |  |  |  |  |  | 0 |  | 1.2931 | 91.900 | 423817.532 | 1045109.209 | 91.900 | 57.9419 |
|  | LV/RV | 37737.248 |  | 20.970 |  | 25000 |  |  |  |  | 0 |  | 1.2931 | 92.213 | 424050.260 | 1045176.436 | 92.213 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.ba ssa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | VV.24 | 37747.733 |  |  |  | 25000 |  |  |  | 10.485 | 0 |  | 2.1319 | 92.229 | 424060.334 | 1045179.345 | 92.229 | 57.9419 |
|  | RV/LV | 37758.218 |  | 107.357 |  | 25000 |  |  |  |  | 0 |  | 2.1319 | 92.249 | 424070.407 | 1045182.255 | 92.249 | 57.9419 |
|  | LV/RV | 37865.575 |  | 10.591 |  | -15000 |  |  |  |  | 0 |  | 2.1319 | 92.478 | 424173.546 | 1045212.048 | 92.478 | 57.9419 |
|  | VV.25 | 37870.870 |  |  |  | -15000 |  |  |  | 5.296 | 0 |  | 1.4258 | 92.488 | 424178.634 | 1045213.518 | 92.488 | 57.9419 |
|  | RV/LV | 37876.166 |  | 129.734 |  | -15000 |  |  |  |  | 0 |  | 1.4258 | 92.497 | 424183.721 | 1045214.987 | 92.497 | 57.9419 |
| RT/RC |  | 37939.551 | 65.500 |  |  |  |  |  |  |  | 0 |  | 1.4258 | 92.587 | 424244.617 | 1045232.578 | 92.587 | 57.9419 |
| RC/CC |  | 38005.051 | 30.104 |  | 1600 |  |  |  |  |  | 30 | Sx | 1.4258 | 92.680 | 424307.666 | 1045250.325 | 92.695 | 57.9419 |
|  | LV/RV | 38005.900 |  | 28.567 |  | -15000 |  |  |  |  | 30 | Sx | 1.4258 | 92.682 | 424308.486 | 1045250.543 | 92.697 | 57.9419 |
| VP.9 |  | 38020.103 |  |  | 1600 |  | 1.1978 | 424720.141 | 1043704.406 |  | 0 |  | 1.4258 | 92.695 | 424307.666 | 1045250.325 | 92.695 | 57.9419 |
|  | VV.26 | 38020.183 |  |  |  | -15000 |  |  |  | 14.283 | 30 | Sx | -0.4787 | 92.695 | 424322.305 | 1045254.157 | 92.710 | 57.9419 |
|  | RV/LV | 38034.467 |  | 172.434 |  | -15000 |  |  |  |  | 30 | Sx | -0.4787 | 92.695 | 424336.155 | 1045257.646 | 92.710 | 57.9419 |
| CC/RC |  | 38035.155 | 65.500 |  | 1600 |  |  |  |  |  | 30 | Sx | -0.4787 | 92.695 | 424336.823 | 1045257.811 | 92.710 | 57.9419 |
| RC/RT |  | 38100.655 | 296.664 |  |  |  |  |  |  |  | 0 |  | -0.4787 | 92.664 | 424400.623 | 1045272.634 | 92.664 | 57.9419 |
|  | LV/RV | 38206.901 |  | 11.413 |  | 20000 |  |  |  |  | 0 |  | -0.4787 | 92.613 | 424504.274 | 1045295.972 | 92.613 | 57.9419 |
|  | VV.27 | 38212.608 |  |  |  | 20000 |  |  |  | 5.707 | 0 |  | 0.0920 | 92.611 | 424509.841 | 1045297.225 | 92.611 | 57.9419 |
|  | RV/LV | 38218.314 |  | 145.775 |  | 20000 |  |  |  |  | 0 |  | 0.0920 | 92.610 | 424515.409 | 1045298.479 | 92.610 | 57.9419 |
|  | LV/RV | 38364.089 |  | 5.207 |  | -90000 |  |  |  |  | 0 |  | 0.0920 | 92.624 | 424657.623 | 1045330.499 | 92.624 | 57.9419 |
|  | VV.28 | 38366.692 |  |  |  | -90000 |  |  |  | 2.604 | 0 |  | 0.0341 | 92.624 | 424660.163 | 1045331.071 | 92.624 | 57.9419 |
|  | RV/LV | 38369.296 |  | 104.438 |  | -90000 |  |  |  |  | 0 |  | 0.0341 | 92.624 | 424662.703 | 1045331.643 | 92.624 | 57.9419 |
| RT/RC |  | 38397.319 | 60.000 |  |  |  |  |  |  |  | 0 |  | 0.0341 | 92.625 | 424690.042 | 1045337.798 | 92.625 | 57.9419 |
| RC/CC |  | 38457.319 | 40.391 |  | 1500 |  |  |  |  |  |  |  | 0.0341 | 92.627 | 424748.662 | 1045350.587 | 92.627 | 57.9419 |
|  | LV/RV | 38473.734 |  | 15.128 |  | 50000 |  |  |  |  |  |  | 0.0341 | 92.628 | 424764.762 | 1045353.783 | 92.628 | 57.9419 |
| VP.10 |  | 38477.515 |  |  | 1500 |  | 1.7142 | 425048.820 | 1043880.925 |  |  |  | 0.0341 | 92.628 | 424748.662 | 1045350.587 | 92.628 | 57.9419 |
|  | VV.29 | 38481.298 |  |  |  | 50000 |  |  |  | 7.564 |  |  | 0.3367 | 92.629 | 424772.193 | 1045355.197 | 92.629 | 57.9419 |
|  | RV/LV | 38488.862 |  |  |  | 50000 |  |  |  |  |  |  | 0.3367 | 92.631 | 424779.631 | 1045356.573 | 92.631 | 57.9419 |
| CC/RC |  | 38497.710 | 26.670 |  | 1500 |  |  |  |  |  |  |  | 0.3367 | 92.634 | 424788.340 | 1045358.135 | 92.634 | 57.9419 |
| RC/RT |  | 38524.380 |  |  |  |  |  |  |  |  |  |  | 0.3367 | 92.643 | 424814.632 | 1045362.611 | 92.643 | 57.9419 |
| RT/FINE |  | 38572.697 |  |  |  |  |  |  |  |  |  |  | 0.3367 | 92.659 | 424862.287 | 1045370.578 | 92.659 | 57.9419 |
|  | LV/Fine | 38572.697 |  |  |  |  |  |  |  |  |  |  | 0.3367 | 92.659 | 424862.287 | 1045370.578 |  | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.b assa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
| Inizio/RT | Inizio/LV | 21506.715 | 21625.431 | 106.665 |  |  |  |  |  |  |  |  | ‐0.1361 | 118.153 | 412502.047 | 1034187.994 | 118.153 | 57.9419 |
|  | LV/RV | 21613.380 |  | 8.168 |  | ‐10000 |  |  |  |  | 0 |  | ‐0.1361 | 118.139 | 412586.270 | 1034253.446 | 118.139 | 57.9419 |
|  | VV.1 | 21617.464 |  |  |  | ‐10000 |  |  |  | 4.084 | 0 |  | ‐0.9528 | 118.137 | 412589.494 | 1034255.952 | 118.137 | 57.9419 |
|  | RV/LV | 21621.548 |  | 142.640 |  | ‐10000 |  |  |  |  | 0 |  | ‐0.9528 | 118.134 | 412592.719 | 1034258.458 | 118.134 | 57.9419 |
| RT/RC |  | 21625.431 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐0.9528 | 118.131 | 412595.785 | 1034260.841 | 118.131 | 57.9419 |
| RC/CC |  | 21645.431 | 36.459 |  | ‐2500 |  |  |  |  |  | 20 | Dx | ‐0.9528 | 118.112 | 412611.561 | 1034273.135 | 118.122 | 57.9419 |
| VP.1 |  | 21663.661 |  |  | ‐2500 |  | 0.92842 | 411069.608 | 1036240.972 |  | 0 |  | ‐0.9528 | 118.094 | 412611.561 | 1034273.135 | 118.094 | 57.9419 |
| CC/RC |  | 21681.890 | 20.000 |  | ‐2500 |  |  |  |  |  | 20 | Dx | ‐0.9528 | 118.077 | 412640.094 | 1034295.830 | 118.087 | 57.9419 |
| RC/RT |  | 21701.890 | 36.777 |  |  |  |  |  |  |  | 0 |  | ‐0.9528 | 118.058 | 412655.621 | 1034308.436 | 118.058 | 57.9419 |
| RT/RC |  | 21738.667 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐0.9528 | 118.023 | 412684.143 | 1034331.653 | 118.023 | 57.9419 |
| RC/CC |  | 21758.667 | 31.493 |  | 2600 |  |  |  |  |  | 20 | Sx | ‐0.9528 | 118.004 | 412699.670 | 1034344.259 | 118.014 | 57.9419 |
|  | LV/RV | 21764.188 |  | 11.441 |  | 50000 |  |  |  |  | 20 | Sx | ‐0.9528 | 117.998 | 412703.969 | 1034347.724 | 118.008 | 57.9419 |
|  | VV.2 | 21769.909 |  |  |  | 50000 |  |  |  | 5.72 | 20 | Sx | ‐0.7240 | 117.993 | 412708.431 | 1034351.304 | 118.003 | 57.9419 |
| VP.2 |  | 21774.413 |  |  | 2600 |  | 0.77112 | 414333.287 | 1032321.564 |  | 0 |  | ‐0.7240 | 117.990 | 412699.670 | 1034344.259 | 117.990 | 57.9419 |
|  | RV/LV | 21775.629 |  | 229.930 |  | 50000 |  |  |  |  | 20 | Sx | ‐0.7240 | 117.989 | 412712.901 | 1034354.874 | 117.999 | 57.9419 |
| CC/RC |  | 21790.160 | 20.000 |  | 2600 |  |  |  |  |  | 20 | Sx | ‐0.7240 | 117.978 | 412724.290 | 1034363.898 | 117.988 | 57.9419 |
| RC/RT |  | 21810.160 | 289.191 |  |  |  |  |  |  |  | 0 |  | ‐0.7240 | 117.964 | 412740.032 | 1034376.234 | 117.964 | 57.9419 |
|  | LV/RV | 22005.559 |  | 29.734 |  | ‐20000 |  |  |  |  | 0 |  | ‐0.7240 | 117.822 | 412893.984 | 1034496.565 | 117.822 | 57.9419 |
|  | VV.3 | 22020.426 |  |  |  | ‐20000 |  |  |  | 14.867 | 0 |  | ‐2.2107 | 117.806 | 412905.698 | 1034505.720 | 117.806 | 57.9419 |
|  | RV/LV | 22035.293 |  | 209.214 |  | ‐20000 |  |  |  |  | 0 |  | ‐2.2107 | 117.779 | 412917.411 | 1034514.875 | 117.779 | 57.9419 |
| RT/RC |  | 22099.351 | 32.000 |  |  |  |  |  |  |  | 0 |  | ‐2.2107 | 117.637 | 412967.881 | 1034554.323 | 117.637 | 57.9419 |
| RC/CC |  | 22131.351 | 69.268 |  | 4350 |  |  |  |  |  | 40 | Sx | ‐2.2107 | 117.566 | 412993.118 | 1034573.999 | 117.586 | 57.9419 |
| VP.3 |  | 22165.985 |  |  | 4350 |  | 1.01374 | 415659.308 | 1031136.859 |  | 0 |  | ‐2.2107 | 117.490 | 412993.118 | 1034573.999 | 117.490 | 57.9419 |
| CC/RC |  | 22200.619 | 32.000 |  | 4350 |  |  |  |  |  | 40 | Sx | ‐2.2107 | 117.413 | 413048.186 | 1034616.017 | 117.433 | 57.9419 |
| RC/RT |  | 22232.619 | 225.377 |  |  |  |  |  |  |  | 0 |  | ‐2.2107 | 117.342 | 413073.826 | 1034635.162 | 117.342 | 57.9419 |
|  | LV/RV | 22244.507 |  | 20.145 |  | ‐15000 |  |  |  |  | 0 |  | ‐2.2107 | 117.316 | 413083.360 | 1034642.263 | 117.316 | 57.9419 |
|  | VV.4 | 22254.579 |  |  |  | ‐15000 |  |  |  | 10.073 | 0 |  | ‐3.5537 | 117.291 | 413091.439 | 1034648.280 | 117.291 | 57.9419 |
|  | RV/LV | 22264.652 |  | 89.266 |  | ‐15000 |  |  |  |  | 0 |  | ‐3.5537 | 117.258 | 413099.517 | 1034654.296 | 117.258 | 57.9419 |
|  | LV/RV | 22353.918 |  | 21.380 |  | 20000 |  |  |  |  | 0 |  | ‐3.5537 | 116.941 | 413171.109 | 1034707.616 | 116.941 | 57.9419 |
|  | VV.5 | 22364.608 |  |  |  | 20000 |  |  |  | 10.69 | 0 |  | ‐2.4847 | 116.906 | 413179.683 | 1034714.001 | 116.906 | 57.9419 |
|  | RV/LV | 22375.298 |  | 197.423 |  | 20000 |  |  |  |  | 0 |  | ‐2.4847 | 116.876 | 413188.256 | 1034720.386 | 116.876 | 57.9419 |
| RT/RC |  | 22457.996 | 112.000 |  |  |  |  |  |  |  | 0 | Dx | ‐2.4847 | 116.671 | 413254.581 | 1034769.783 | 116.671 | 57.9419 |
| RC/CC |  | 22569.996 | 40.920 |  | ‐1240 |  |  |  |  |  | 130 | Dx | ‐2.4847 | 116.393 | 413343.381 | 1034838.020 | 116.458 | 57.9419 |
|  | LV/RV | 22572.721 |  | 33.897 |  | ‐10000 |  |  |  |  | 130 | Dx | ‐2.4847 | 116.386 | 413345.488 | 1034839.746 | 116.451 | 57.9419 |
|  | VV.6 | 22589.670 |  |  |  | ‐10000 |  |  |  | 16.949 | 130 | Dx | ‐5.8746 | 116.329 | 413358.514 | 1034850.591 | 116.394 | 57.9419 |
| VP.4 |  | 22590.456 |  |  | ‐1240 |  | 2.10085 | 412558.610 | 1035798.090 |  | 0 |  | ‐5.8746 | 116.326 | 413343.381 | 1034838.020 | 116.326 | 57.9419 |
|  | RV/LV | 22606.618 |  | 134.663 |  | ‐10000 |  |  |  |  | 130 | Dx | ‐5.8746 | 116.244 | 413371.389 | 1034861.613 | 116.309 | 57.9419 |
| CC/RC |  | 22610.916 | 112.000 |  | ‐1240 |  |  |  |  |  | 130 | Dx | ‐5.8746 | 116.219 | 413374.630 | 1034864.435 | 116.284 | 57.9419 |
| RC/RT |  | 22722.916 | 160.728 |  |  |  |  |  |  |  | 0 |  | ‐5.8746 | 115.561 | 413456.698 | 1034940.635 | 115.561 | 57.9419 |
|  | LV/RV | 22741.281 |  | 27.755 |  | ‐65000 |  |  |  |  | 0 |  | ‐5.8746 | 115.453 | 413469.967 | 1034953.332 | 115.453 | 57.9419 |
|  | VV.7 | 22755.158 |  |  |  | ‐65000 |  |  |  | 13.878 | 0 |  | ‐6.3016 | 115.370 | 413479.994 | 1034962.927 | 115.370 | 57.9419 |
|  | RV/LV | 22769.036 |  | 79.043 |  | ‐65000 |  |  |  |  | 0 |  | ‐6.3016 | 115.284 | 413490.020 | 1034972.522 | 115.284 | 57.9419 |
|  | LV/RV | 22848.079 |  | 14.087 |  | 25000 |  |  |  |  | 0 |  | ‐6.3016 | 114.786 | 413547.128 | 1035027.170 | 114.786 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.b assa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | VV.8 | 22855.122 |  |  |  | 25000 |  |  |  | 7.044 | 0 |  | ‐5.7381 | 114.743 | 413552.217 | 1035032.040 | 114.743 | 57.9419 |
|  | RV/LV | 22862.166 |  | 89.915 |  | 25000 |  |  |  |  | 0 |  | ‐5.7381 | 114.701 | 413557.306 | 1035036.909 | 114.701 | 57.9419 |
| RT/RC |  | 22883.644 | 55.000 |  |  |  |  |  |  |  | 0 |  | ‐5.7381 | 114.578 | 413572.824 | 1035051.759 | 114.578 | 57.9419 |
| RC/CC |  | 22938.644 | 435.524 |  | ‐5030 |  |  |  |  |  | 30 | Dx | ‐5.7381 | 114.262 | 413612.492 | 1035089.856 | 114.277 | 57.9419 |
|  | LV/RV | 22952.081 |  | 194.472 |  | 80000 |  |  |  |  | 30 | Dx | ‐5.7381 | 114.185 | 413622.137 | 1035099.212 | 114.200 | 57.9419 |
|  | VV.9 | 23049.316 |  |  |  | 80000 |  |  |  | 97.237 | 30 | Dx | ‐3.3071 | 113.686 | 413691.180 | 1035167.677 | 113.701 | 57.9419 |
|  | RV/LV | 23146.553 |  | 590.268 |  | 80000 |  |  |  |  | 30 | Dx | ‐3.3071 | 113.306 | 413758.888 | 1035237.465 | 113.321 | 57.9419 |
| VP.5 |  | 23156.406 |  |  | ‐5030 |  | 5.5122 | 410115.067 | 1038704.953 |  | 0 |  | ‐3.3071 | 113.273 | 413612.492 | 1035089.856 | 113.273 | 57.9419 |
| CC/RC |  | 23374.168 | 20.000 |  | ‐5030 |  |  |  |  |  | 30 | Dx | ‐3.3071 | 112.553 | 413912.014 | 1035405.847 | 112.568 | 57.9419 |
| RC/CC |  | 23394.168 | 398.255 |  | ‐5120 |  |  |  |  |  | 30 | Dx | ‐3.3071 | 112.487 | 413925.101 | 1035420.970 | 112.502 | 57.9419 |
| VP.6 |  | 23593.296 |  |  | ‐5120 |  | 4.95189 | 410047.013 | 1038763.847 |  | 0 |  | ‐3.3071 | 111.828 | 413925.101 | 1035420.970 | 111.828 | 57.9419 |
|  | LV/RV | 23736.821 |  | 47.040 |  | 40000 |  |  |  |  | 30 | Dx | ‐3.3071 | 111.354 | 414139.973 | 1035687.798 | 111.369 | 57.9419 |
|  | VV.10 | 23760.341 |  |  |  | 40000 |  |  |  | 23.52 | 30 | Dx | ‐2.1311 | 111.283 | 414154.060 | 1035706.632 | 111.298 | 57.9419 |
|  | RV/LV | 23783.861 |  | 209.862 |  | 40000 |  |  |  |  | 30 | Dx | ‐2.1311 | 111.226 | 414168.061 | 1035725.531 | 111.241 | 57.9419 |
| CC/RC |  | 23792.423 | 55.000 |  | ‐5120 |  |  |  |  |  | 30 | Dx | ‐2.1311 | 111.207 | 414173.136 | 1035732.428 | 111.222 | 57.9419 |
| RC/RT |  | 23847.423 | 6540.092 |  |  |  |  |  |  |  | 0 |  | ‐2.1311 | 111.090 | 414205.541 | 1035776.867 | 111.090 | 57.9419 |
|  | LV/RV | 23993.723 |  | 92.351 |  | 50000 |  |  |  |  | 0 |  | ‐2.1311 | 110.778 | 414291.527 | 1035895.232 | 110.778 | 57.9419 |
|  | VV.11 | 24039.899 |  |  |  | 50000 |  |  |  | 46.176 | 0 |  | ‐0.2841 | 110.701 | 414318.666 | 1035932.590 | 110.701 | 57.9419 |
|  | RV/LV | 24086.074 |  | 350.222 |  | 50000 |  |  |  |  | 0 |  | ‐0.2841 | 110.667 | 414345.805 | 1035969.948 | 110.667 | 57.9419 |
|  | LV/RV | 24436.296 |  | 23.159 |  | ‐80000 |  |  |  |  | 0 |  | ‐0.2841 | 110.567 | 414551.644 | 1036253.296 | 110.567 | 57.9419 |
|  | VV.12 | 24447.876 |  |  |  | ‐80000 |  |  |  | 11.58 | 0 |  | ‐0.5736 | 110.563 | 414558.450 | 1036262.665 | 110.563 | 57.9419 |
|  | RV/LV | 24459.455 |  | 582.807 |  | ‐80000 |  |  |  |  | 0 |  | ‐0.5736 | 110.557 | 414565.255 | 1036272.033 | 110.557 | 57.9419 |
|  | LV/RV | 25042.262 |  | 213.490 |  | ‐75000 |  |  |  |  | 0 |  | ‐0.5736 | 110.223 | 414907.792 | 1036743.554 | 110.223 | 57.9419 |
|  | VV.13 | 25149.007 |  |  |  | ‐75000 |  |  |  | 106.745 | 0 |  | ‐3.4202 | 110.086 | 414970.530 | 1036829.916 | 110.086 | 57.9419 |
|  | RV/LV | 25255.752 |  | 325.513 |  | ‐75000 |  |  |  |  | 0 |  | ‐3.4202 | 109.797 | 415033.268 | 1036916.278 | 109.797 | 57.9419 |
|  | LV/RV | 25581.265 |  | 23.130 |  | 85000 |  |  |  |  | 0 |  | ‐3.4202 | 108.684 | 415224.584 | 1037179.635 | 108.684 | 57.9419 |
|  | VV.14 | 25592.830 |  |  |  | 85000 |  |  |  | 11.565 | 0 |  | ‐3.1480 | 108.645 | 415231.382 | 1037188.992 | 108.645 | 57.9419 |
|  | RV/LV | 25604.395 |  | 309.743 |  | 85000 |  |  |  |  | 0 |  | ‐3.1480 | 108.608 | 415238.179 | 1037198.349 | 108.608 | 57.9419 |
|  | LV/RV | 25914.138 |  | 55.092 |  | 35000 |  |  |  |  | 0 |  | ‐3.1480 | 107.632 | 415420.226 | 1037448.947 | 107.632 | 57.9419 |
|  | VV.15 | 25941.684 |  |  |  | 35000 |  |  |  | 27.546 | 0 |  | ‐1.5740 | 107.557 | 415436.416 | 1037471.233 | 107.557 | 57.9419 |
|  | RV/LV | 25969.230 |  | 177.521 |  | 35000 |  |  |  |  | 0 |  | ‐1.5740 | 107.502 | 415452.606 | 1037493.519 | 107.502 | 57.9419 |
|  | LV/RV | 26146.751 |  | 47.501 |  | ‐25000 |  |  |  |  | 0 |  | ‐1.5740 | 107.223 | 415556.942 | 1037637.143 | 107.223 | 57.9419 |
|  | VV.16 | 26170.502 |  |  |  | ‐25000 |  |  |  | 23.75 | 0 |  | ‐3.4740 | 107.174 | 415570.901 | 1037656.358 | 107.174 | 57.9419 |
|  | RV/LV | 26194.252 |  | 187.189 |  | ‐25000 |  |  |  |  | 0 |  | ‐3.4740 | 107.103 | 415584.860 | 1037675.573 | 107.103 | 57.9419 |
|  | LV/RV | 26381.441 |  | 16.914 |  | ‐40000 |  |  |  |  | 0 |  | ‐3.4740 | 106.453 | 415694.878 | 1037827.019 | 106.453 | 57.9419 |
|  | VV.17 | 26389.898 |  |  |  | ‐40000 |  |  |  | 8.457 | 0 |  | ‐3.8969 | 106.423 | 415699.848 | 1037833.861 | 106.423 | 57.9419 |
|  | RV/LV | 26398.355 |  | 503.664 |  | ‐40000 |  |  |  |  | 0 |  | ‐3.8969 | 106.390 | 415704.819 | 1037840.703 | 106.390 | 57.9419 |
|  | LV/RV | 26902.019 |  | 36.173 |  | 25000 |  |  |  |  | 0 |  | ‐3.8969 | 104.428 | 416000.841 | 1038248.194 | 104.428 | 57.9419 |
|  | VV.18 | 26920.106 |  |  |  | 25000 |  |  |  | 18.087 | 0 |  | ‐2.4499 | 104.364 | 416011.471 | 1038262.827 | 104.364 | 57.9419 |
|  | RV/LV | 26938.192 |  | 290.272 |  | 25000 |  |  |  |  | 0 |  | ‐2.4499 | 104.313 | 416022.101 | 1038277.460 | 104.313 | 57.9419 |
|  | LV/RV | 27228.464 |  | 26.064 |  | 35000 |  |  |  |  | 0 |  | ‐2.4499 | 103.602 | 416192.705 | 1038512.305 | 103.602 | 57.9419 |
|  | VV.19 | 27241.496 |  |  |  | 35000 |  |  |  | 13.032 | 0 |  | ‐1.7052 | 103.572 | 416200.364 | 1038522.848 | 103.572 | 57.9419 |
|  | RV/LV | 27254.528 |  | 156.398 |  | 35000 |  |  |  |  | 0 |  | ‐1.7052 | 103.548 | 416208.023 | 1038533.392 | 103.548 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.b assa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | LV/RV | 27410.926 |  | 23.073 |  | ‐100000 |  |  |  |  | 0 |  | ‐1.7052 | 103.281 | 416299.944 | 1038659.926 | 103.281 | 57.9419 |
|  | VV.20 | 27422.462 |  |  |  | ‐100000 |  |  |  | 11.536 | 0 |  | ‐1.9359 | 103.261 | 416306.725 | 1038669.260 | 103.261 | 57.9419 |
|  | RV/LV | 27433.999 |  | 125.616 |  | ‐100000 |  |  |  |  | 0 |  | ‐1.9359 | 103.239 | 416313.505 | 1038678.593 | 103.239 | 57.9419 |
|  | LV/RV | 27559.615 |  | 39.492 |  | 50000 |  |  |  |  | 0 |  | ‐1.9359 | 102.996 | 416387.334 | 1038780.223 | 102.996 | 57.9419 |
|  | VV.21 | 27579.361 |  |  |  | 50000 |  |  |  | 19.746 | 0 |  | ‐1.1461 | 102.961 | 416398.940 | 1038796.199 | 102.961 | 57.9419 |
|  | RV/LV | 27599.107 |  | 105.503 |  | 50000 |  |  |  |  | 0 |  | ‐1.1461 | 102.935 | 416410.546 | 1038812.175 | 102.935 | 57.9419 |
|  | LV/RV | 27704.610 |  | 22.782 |  | ‐25000 |  |  |  |  | 0 |  | ‐1.1461 | 102.814 | 416472.553 | 1038897.531 | 102.814 | 57.9419 |
|  | VV.22 | 27716.001 |  |  |  | ‐25000 |  |  |  | 11.391 | 0 |  | ‐2.0574 | 102.798 | 416479.248 | 1038906.747 | 102.798 | 57.9419 |
|  | RV/LV | 27727.392 |  | 142.069 |  | ‐25000 |  |  |  |  | 0 |  | ‐2.0574 | 102.778 | 416485.943 | 1038915.963 | 102.778 | 57.9419 |
|  | LV/RV | 27869.461 |  | 159.579 |  | 85000 |  |  |  |  | 0 |  | ‐2.0574 | 102.485 | 416569.442 | 1039030.905 | 102.485 | 57.9419 |
|  | VV.23 | 27949.250 |  |  |  | 85000 |  |  |  | 79.79 | 0 |  | ‐0.1800 | 102.359 | 416616.338 | 1039095.458 | 102.359 | 57.9419 |
|  | RV/LV | 28029.040 |  | 863.217 |  | 85000 |  |  |  |  | 0 |  | ‐0.1800 | 102.307 | 416663.233 | 1039160.012 | 102.307 | 57.9419 |
|  | LV/RV | 28892.257 |  | 20.541 |  | ‐85000 |  |  |  |  | 0 |  | ‐0.1800 | 102.151 | 417170.578 | 1039858.400 | 102.151 | 57.9419 |
|  | VV.24 | 28902.527 |  |  |  | ‐85000 |  |  |  | 10.27 | 0 |  | ‐0.4216 | 102.149 | 417176.614 | 1039866.709 | 102.149 | 57.9419 |
|  | RV/LV | 28912.798 |  | 313.170 |  | ‐85000 |  |  |  |  | 0 |  | ‐0.4216 | 102.145 | 417182.650 | 1039875.018 | 102.145 | 57.9419 |
|  | LV/RV | 29225.968 |  | 27.490 |  | 75000 |  |  |  |  | 0 |  | ‐0.4216 | 102.013 | 417366.712 | 1040128.389 | 102.013 | 57.9419 |
|  | VV.25 | 29239.713 |  |  |  | 75000 |  |  |  | 13.745 | 0 |  | ‐0.0551 | 102.009 | 417374.791 | 1040139.510 | 102.009 | 57.9419 |
|  | RV/LV | 29253.458 |  | 773.776 |  | 75000 |  |  |  |  | 0 |  | ‐0.0551 | 102.007 | 417382.869 | 1040150.630 | 102.007 | 57.9419 |
|  | LV/RV | 30027.234 |  | 15.312 |  | ‐75000 |  |  |  |  | 0 |  | ‐0.0551 | 101.964 | 417837.646 | 1040776.655 | 101.964 | 57.9419 |
|  | VV.26 | 30034.890 |  |  |  | ‐75000 |  |  |  | 7.656 | 0 |  | ‐0.2592 | 101.963 | 417842.145 | 1040782.849 | 101.963 | 57.9419 |
|  | RV/LV | 30042.546 |  | 236.571 |  | ‐75000 |  |  |  |  | 0 |  | ‐0.2592 | 101.962 | 417846.645 | 1040789.043 | 101.962 | 57.9419 |
|  | LV/RV | 30279.117 |  | 44.069 |  | ‐20000 |  |  |  |  | 0 |  | ‐0.2592 | 101.900 | 417985.687 | 1040980.441 | 101.900 | 57.9419 |
|  | VV.27 | 30301.151 |  |  |  | ‐20000 |  |  |  | 22.034 | 0 |  | ‐2.4627 | 101.882 | 417998.637 | 1040998.268 | 101.882 | 57.9419 |
|  | RV/LV | 30323.186 |  | 100.738 |  | ‐20000 |  |  |  |  | 0 |  | ‐2.4627 | 101.840 | 418011.588 | 1041016.095 | 101.840 | 57.9419 |
| RT/RC |  | 30387.515 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐2.4627 | 101.682 | 418049.396 | 1041068.141 | 101.682 | 57.9419 |
| RC/CC |  | 30407.515 |  |  |  |  |  |  |  |  | 10 | Sx | ‐2.4627 | 101.633 | 418061.154 | 1041084.320 | 101.638 | 57.9419 |
|  | LV/RV | 30423.924 |  | 21.155 |  | ‐12500 |  |  |  |  | 10 | Sx | ‐2.4627 | 101.592 | 418070.813 | 1041097.585 | 101.597 | 57.9419 |
| VP.7 |  | 30427.715 |  |  | 16400 |  | 0.15683 | 431323.726 | 1031437.341 |  | 0 |  | ‐2.4627 | 101.582 | 418061.154 | 1041084.320 | 101.582 | 57.9419 |
|  | VV.28 | 30434.501 |  |  |  | ‐12500 |  |  |  | 10.578 | 10 | Sx | ‐4.1551 | 101.562 | 418077.047 | 1041106.130 | 101.567 | 57.9419 |
|  | RV/LV | 30445.079 |  | 109.547 |  | ‐12500 |  |  |  |  | 10 | Sx | ‐4.1551 | 101.522 | 418083.286 | 1041114.672 | 101.527 | 57.9419 |
| CC/RC |  | 30447.915 | 20.000 |  |  |  |  |  |  |  | 10 | Sx | ‐4.1551 | 101.510 | 418084.959 | 1041116.962 | 101.515 | 57.9419 |
| RC/RT |  | 30467.915 | 56.628 |  |  |  |  |  |  |  | 0 |  | ‐4.1551 | 101.427 | 418096.770 | 1041133.102 | 101.427 | 57.9419 |
| RT/RC |  | 30524.543 | 29.000 |  |  |  |  |  |  |  | 0 |  | ‐4.1551 | 101.192 | 418130.221 | 1041178.794 | 101.192 | 57.9419 |
| RC/CC |  | 30553.543 | 41.529 |  | ‐16500 |  |  |  |  |  | 20 | Dx |  | 101.072 | 418147.345 | 1041202.198 | 101.082 | 57.9419 |
|  | LV/RV | 30554.626 |  | 19.425 |  | 15000 |  |  |  |  | 20 | Dx |  | 101.067 | 418147.984 | 1041203.073 | 101.077 | 57.9419 |
|  | VV.1 | 30564.338 |  |  |  | 15000 |  |  |  | 9.712 | 20 | Dx | ‐2.8601 | 101.030 | 418153.711 | 1041210.917 | 101.040 | 57.9419 |
|  | RV/LV | 30574.051 |  | 100.640 |  | 15000 |  |  |  |  | 20 | Dx | ‐2.8601 | 100.999 | 418159.434 | 1041218.764 | 101.009 | 57.9419 |
| VP.1 |  | 30574.308 |  |  | ‐16500 |  | 0.16023 | 404825.235 | 1050937.258 |  | 0 |  | ‐2.8601 | 100.998 | 418147.345 | 1041202.198 | 100.998 | 57.9419 |
| CC/RC |  | 30595.072 | 29.000 |  | ‐16500 |  |  |  |  |  | 20 | Dx | ‐2.8601 | 100.939 | 418171.805 | 1041235.760 | 100.949 | 57.9419 |
| RC/RT |  | 30624.072 | 68.939 |  |  |  |  |  |  |  | 0 |  | ‐2.8601 | 100.856 | 418188.842 | 1041259.227 | 100.856 | 57.9419 |
|  | LV/RV | 30674.691 |  | 15.763 |  | 20000 |  |  |  |  | 0 |  | ‐2.8601 | 100.711 | 418218.568 | 1041300.198 | 100.711 | 57.9419 |
|  | VV.2 | 30682.572 |  |  |  | 20000 |  |  |  | 7.882 | 0 |  | ‐2.0720 | 100.690 | 418223.197 | 1041306.577 | 100.690 | 57.9419 |
|  | RV/LV | 30690.454 |  | 199.497 |  | 20000 |  |  |  |  | 0 |  | ‐2.0720 | 100.672 | 418227.826 | 1041312.957 | 100.672 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.b assa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
| RT/RC |  | 30693.011 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐2.0720 | 100.667 | 418229.327 | 1041315.026 | 100.667 | 57.9419 |
| RC/CC |  | 30713.011 | 47.876 |  | ‐50000 |  |  |  |  |  | 0 |  | ‐2.0720 | 100.625 | 418241.071 | 1041331.215 | 100.625 | 57.9419 |
| VP.2 |  | 30736.949 |  |  | ‐50000 |  | 0.06096 | 377765.227 | 1070686.045 |  | 0 |  | ‐2.0720 | 100.576 | 418241.071 | 1041331.215 | 100.576 | 57.9419 |
| CC/RC |  | 30760.887 | 53.500 |  | ‐50000 |  |  |  |  |  | 0 |  | ‐2.0720 | 100.526 | 418269.161 | 1041369.985 | 100.526 | 57.9419 |
| RC/CC |  | 30814.387 | 40.911 |  | ‐4300 |  |  |  |  |  | 30 | Dx | ‐2.0720 | 100.415 | 418300.486 | 1041413.355 | 100.430 | 57.9419 |
| VP.3 |  | 30834.842 |  |  | ‐4300 |  | 0.60569 | 414806.852 | 1043920.250 |  | 0 |  | ‐2.0720 | 100.373 | 418300.486 | 1041413.355 | 100.373 | 57.9419 |
| CC/RC |  | 30855.298 | 33.500 |  | ‐4300 |  |  |  |  |  | 30 | Dx | ‐2.0720 | 100.331 | 418324.179 | 1041446.707 | 100.346 | 57.9419 |
| RC/RT |  | 30888.798 | 100.763 |  |  |  |  |  |  |  | 0 |  | ‐2.0720 | 100.261 | 418343.378 | 1041474.160 | 100.261 | 57.9419 |
|  | LV/RV | 30889.951 |  | 30.715 |  | 35000 |  |  |  |  | 0 |  | ‐2.0720 | 100.259 | 418344.038 | 1041475.106 | 100.259 | 57.9419 |
|  | VV.3 | 30905.308 |  |  |  | 35000 |  |  |  | 15.357 | 0 |  | ‐1.1944 | 100.230 | 418352.823 | 1041487.702 | 100.230 | 57.9419 |
|  | RV/LV | 30920.666 |  | 83.678 |  | 35000 |  |  |  |  | 0 |  | ‐1.1944 | 100.209 | 418361.608 | 1041500.298 | 100.209 | 57.9419 |
| RT/RC |  | 30989.561 | 150.000 |  |  |  |  |  |  |  | 0 |  | ‐1.1944 | 100.126 | 418401.020 | 1041556.807 | 100.126 | 57.9419 |
|  | LV/RV | 31004.344 |  | 119.528 |  | 35000 |  |  |  |  | 16 | Sx | ‐1.1944 | 100.109 | 418409.479 | 1041568.931 | 100.117 | 57.9419 |
|  | VV.4 | 31064.108 |  |  |  | 35000 |  |  |  | 59.764 | 80 | Sx | 2.2207 | 100.088 | 418444.016 | 1041617.704 | 100.128 | 57.9419 |
|  | RV/LV | 31123.872 |  | 80.514 |  | 35000 |  |  |  |  | 143 | Sx | 2.2207 | 100.170 | 418479.893 | 1041665.496 | 100.242 | 57.9419 |
| RC/CC |  | 31139.561 | 255.052 |  | 1069 |  |  |  |  |  | 160 | Sx | 2.2207 | 100.205 | 418489.660 | 1041677.775 | 100.285 | 57.9419 |
|  | LV/RV | 31204.386 |  | 22.510 |  | 60000 |  |  |  |  | 160 | Sx | 2.2207 | 100.349 | 418531.876 | 1041726.956 | 100.429 | 57.9419 |
|  | VV.5 | 31215.641 |  |  |  | 60000 |  |  |  | 11.255 | 160 | Sx | 2.5959 | 100.375 | 418539.505 | 1041735.230 | 100.455 | 57.9419 |
|  | RV/LV | 31226.896 |  | 128.470 |  | 60000 |  |  |  |  | 160 | Sx | 2.5959 | 100.403 | 418547.222 | 1041743.423 | 100.483 | 57.9419 |
| VP.4 |  | 31267.087 |  |  | 1069 |  | 15.18906 | 419321.546 | 1041006.414 |  | 0 |  | 2.5959 | 100.507 | 418489.660 | 1041677.775 | 100.507 | 57.9419 |
|  | LV/RV | 31355.366 |  | 40.721 |  | ‐50000 |  |  |  |  | 160 | Sx | 2.5959 | 100.737 | 418641.166 | 1041830.940 | 100.817 | 57.9419 |
|  | VV.6 | 31375.726 |  |  |  | ‐50000 |  |  |  | 20.36 | 160 | Sx | 1.7814 | 100.785 | 418656.992 | 1041843.748 | 100.865 | 57.9419 |
| CC/RC |  | 31394.613 | 150.000 |  | 1069 |  |  |  |  |  | 160 | Sx | 1.7814 | 100.823 | 418671.889 | 1041855.358 | 100.903 | 57.9419 |
|  | RV/LV | 31396.087 |  | 110.947 |  | ‐50000 |  |  |  |  | 158 | Sx | 1.7814 | 100.826 | 418673.060 | 1041856.253 | 100.905 | 57.9419 |
|  | LV/RV | 31507.034 |  | 106.436 |  | ‐13000 |  |  |  |  | 40 | Sx | 1.7814 | 101.023 | 418763.768 | 1041920.105 | 101.043 | 57.9419 |
| RC/RT |  | 31544.613 | 847.008 |  |  |  |  |  |  |  | 0 |  | 1.7814 | 101.036 | 418795.105 | 1041940.845 | 101.036 | 57.9419 |
|  | VV.7 | 31560.252 |  |  |  | ‐13000 |  |  |  | 53.217 | 0 |  | ‐6.4061 | 101.009 | 418808.159 | 1041949.458 | 101.009 | 57.9419 |
|  | RV/LV | 31613.470 |  | 205.913 |  | ‐13000 |  |  |  |  | 0 |  | ‐6.4061 | 100.777 | 418852.581 | 1041978.764 | 100.777 | 57.9419 |
|  | LV/RV | 31819.383 |  | 29.901 |  | 35000 |  |  |  |  | 0 |  | ‐6.4061 | 99.458 | 419024.460 | 1042092.156 | 99.458 | 57.9419 |
|  | VV.8 | 31834.333 |  |  |  | 35000 |  |  |  | 14.95 | 0 |  | ‐5.5517 | 99.366 | 419036.939 | 1042100.389 | 99.366 | 57.9419 |
|  | RV/LV | 31849.284 |  | 264.062 |  | 35000 |  |  |  |  | 0 |  | ‐5.5517 | 99.279 | 419049.418 | 1042108.622 | 99.279 | 57.9419 |
|  | LV/RV | 32113.346 |  | 267.785 |  | 70000 |  |  |  |  | 0 |  | ‐5.5517 | 97.813 | 419269.834 | 1042254.037 | 97.813 | 57.9419 |
|  | VV.9 | 32247.238 |  |  |  | 70000 |  |  |  | 133.894 | 0 |  | ‐1.7261 | 97.198 | 419381.596 | 1042327.769 | 97.198 | 57.9419 |
|  | RV/LV | 32381.131 |  | 110.852 |  | 70000 |  |  |  |  | 0 |  | ‐1.7261 | 96.839 | 419493.359 | 1042401.502 | 96.839 | 57.9419 |
| RT/RC |  | 32391.621 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐1.7261 | 96.821 | 419502.115 | 1042407.278 | 96.821 | 57.9419 |
| RC/CC |  | 32411.621 | 31.329 |  | ‐425000 |  |  |  |  |  | 0 |  | ‐1.7261 | 96.786 | 419518.809 | 1042418.292 | 96.786 | 57.9419 |
| VP.5 |  | 32427.286 |  |  | ‐425000 |  | 0.00469 | 185470.231 | 1397166.460 |  | 0 |  | ‐1.7261 | 96.759 | 419518.809 | 1042418.292 | 96.759 | 57.9419 |
| CC/RC |  | 32442.950 | 20.000 |  | ‐425000 |  |  |  |  |  | 0 |  | ‐1.7261 | 96.732 | 419544.959 | 1042435.546 | 96.732 | 57.9419 |
| RC/RT |  | 32462.950 | 317.613 |  |  |  |  |  |  |  | 0 |  | ‐1.7261 | 96.698 | 419561.652 | 1042446.562 | 96.698 | 57.9419 |
|  | LV/RV | 32491.983 |  | 33.581 |  | 20000 |  |  |  |  | 0 |  | ‐1.7261 | 96.648 | 419585.884 | 1042462.552 | 96.648 | 57.9419 |
|  | VV.10 | 32508.773 |  |  |  | 20000 |  |  |  | 16.79 | 0 |  | ‐0.0471 | 96.626 | 419599.898 | 1042471.800 | 96.626 | 57.9419 |
|  | RV/LV | 32525.564 |  | 676.423 |  | 20000 |  |  |  |  | 0 |  | ‐0.0471 | 96.618 | 419613.912 | 1042481.048 | 96.618 | 57.9419 |
| RT/RC |  | 32780.563 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐0.0471 | 96.606 | 419826.747 | 1042621.498 | 96.606 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.b assa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
| RC/CC |  | 32800.563 | 31.678 |  | 375000 |  |  |  |  |  | 0 |  | ‐0.0471 | 96.605 | 419843.440 | 1042632.513 | 96.605 | 57.9419 |
| VP.6 |  | 32816.402 |  |  | 375000 |  | 0.00538 | 626378.983 | 729633.999 |  | 0 |  | ‐0.0471 | 96.604 | 419843.440 | 1042632.513 | 96.604 | 57.9419 |
| CC/RC |  | 32832.241 | 20.000 |  | 375000 |  |  |  |  |  | 0 |  | ‐0.0471 | 96.603 | 419869.882 | 1042649.959 | 96.603 | 57.9419 |
| RC/RT |  | 32852.241 | 662.089 |  |  |  |  |  |  |  | 0 |  | ‐0.0471 | 96.602 | 419886.576 | 1042660.973 | 96.602 | 57.9419 |
|  | LV/RV | 33201.987 |  | 34.847 |  | 70000 |  |  |  |  | 0 |  | ‐0.0471 | 96.586 | 420178.517 | 1042853.567 | 96.586 | 57.9419 |
|  | VV.11 | 33219.411 |  |  |  | 70000 |  |  |  | 17.423 | 0 |  | 0.4507 | 96.587 | 420193.061 | 1042863.161 | 96.587 | 57.9419 |
|  | RV/LV | 33236.834 |  | 121.071 |  | 70000 |  |  |  |  | 0 |  | 0.4507 | 96.593 | 420207.605 | 1042872.756 | 96.593 | 57.9419 |
|  | LV/RV | 33357.905 |  | 150.469 |  | 65000 |  |  |  |  | 0 |  | 0.4507 | 96.648 | 420308.665 | 1042939.426 | 96.648 | 57.9419 |
|  | VV.12 | 33433.139 |  |  |  | 65000 |  |  |  | 75.235 | 0 |  | 2.7657 | 96.725 | 420371.465 | 1042980.855 | 96.725 | 57.9419 |
|  | RV/LV | 33508.374 |  | 222.020 |  | 65000 |  |  |  |  | 0 |  | 2.7657 | 96.890 | 420434.266 | 1043022.284 | 96.890 | 57.9419 |
| RT/RC |  | 33514.330 | 20.000 |  |  |  |  |  |  |  | 0 |  | 2.7657 | 96.906 | 420439.237 | 1043025.564 | 96.906 | 57.9419 |
| RC/CC |  | 33534.330 | 32.091 |  | ‐400000 |  |  |  |  |  | 0 |  | 2.7657 | 96.961 | 420455.932 | 1043036.578 | 96.961 | 57.9419 |
| VP.7 |  | 33550.376 |  |  | ‐400000 |  | 0.00511 | 200180.113 | 1376920.635 |  | 0 |  | 2.7657 | 97.006 | 420455.932 | 1043036.578 | 97.006 | 57.9419 |
| CC/RC |  | 33566.421 | 20.000 |  | ‐400000 |  |  |  |  |  | 0 |  | 2.7657 | 97.050 | 420482.718 | 1043054.251 | 97.050 | 57.9419 |
| RC/RT |  | 33586.421 | 939.675 |  |  |  |  |  |  |  | 0 |  | 2.7657 | 97.105 | 420499.411 | 1043065.266 | 97.105 | 57.9419 |
|  | LV/RV | 33730.394 |  | 667.041 |  | ‐100000 |  |  |  |  | 0 |  | 2.7657 | 97.504 | 420619.578 | 1043144.563 | 97.504 | 57.9419 |
|  | VV.13 | 34063.915 |  |  |  | ‐100000 |  |  |  | 333.52 | 0 |  | ‐3.9048 | 97.870 | 420897.952 | 1043328.259 | 97.870 | 57.9419 |
|  | RV/LV | 34397.435 |  | 511.450 |  | ‐100000 |  |  |  |  | 0 |  | ‐3.9048 | 97.124 | 421176.325 | 1043511.954 | 97.124 | 57.9419 |
| RT/RC |  | 34526.096 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐3.9048 | 96.621 | 421283.712 | 1043582.818 | 96.621 | 57.9419 |
| RC/CC |  | 34546.096 | 40.590 |  | 355000 |  |  |  |  |  | 0 |  | ‐3.9048 | 96.543 | 421300.405 | 1043593.833 | 96.543 | 57.9419 |
| VP.8 |  | 34566.391 |  |  | 355000 |  | 0.00728 | 616818.028 | 747286.798 |  | 0 |  | ‐3.9048 | 96.464 | 421300.405 | 1043593.833 | 96.464 | 57.9419 |
| CC/RC |  | 34586.686 | 20.000 |  | 355000 |  |  |  |  |  | 0 |  | ‐3.9048 | 96.385 | 421334.286 | 1043616.186 | 96.385 | 57.9419 |
| RC/RT |  | 34606.686 | 625.799 |  |  |  |  |  |  |  | 0 |  | ‐3.9048 | 96.307 | 421350.981 | 1043627.199 | 96.307 | 57.9419 |
|  | LV/RV | 34908.885 |  | 14.719 |  | 55000 |  |  |  |  | 0 |  | ‐3.9048 | 95.127 | 421603.240 | 1043793.601 | 95.127 | 57.9419 |
|  | VV.14 | 34916.245 |  |  |  | 55000 |  |  |  | 7.36 | 0 |  | ‐3.6372 | 95.098 | 421609.384 | 1043797.653 | 95.098 | 57.9419 |
|  | RV/LV | 34923.604 |  | 263.400 |  | 55000 |  |  |  |  | 0 |  | ‐3.6372 | 95.071 | 421615.527 | 1043801.706 | 95.071 | 57.9419 |
|  | LV/RV | 35187.004 |  | 7.163 |  | ‐50000 |  |  |  |  | 0 |  | ‐3.6372 | 94.113 | 421835.399 | 1043946.743 | 94.113 | 57.9419 |
|  | VV.15 | 35190.585 |  |  |  | ‐50000 |  |  |  | 3.581 | 0 |  | ‐3.7804 | 94.100 | 421838.388 | 1043948.715 | 94.100 | 57.9419 |
|  | RV/LV | 35194.167 |  | 165.259 |  | ‐50000 |  |  |  |  | 0 |  | ‐3.7804 | 94.086 | 421841.378 | 1043950.687 | 94.086 | 57.9419 |
| RT/RC |  | 35232.485 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐3.7804 | 93.942 | 421873.364 | 1043971.786 | 93.942 | 57.9419 |
| RC/CC |  | 35252.485 | 48.463 |  | ‐200000 |  |  |  |  |  | 0 |  | ‐3.7804 | 93.866 | 421890.059 | 1043982.799 | 93.866 | 57.9419 |
| VP.9 |  | 35276.717 |  |  | ‐200000 |  | 0.01543 | 311754.729 | 1210926.529 |  | 0 |  | ‐3.7804 | 93.774 | 421890.059 | 1043982.799 | 93.774 | 57.9419 |
| CC/RC |  | 35300.948 | 20.000 |  | ‐200000 |  |  |  |  |  | 0 |  | ‐3.7804 | 93.683 | 421930.509 | 1044009.492 | 93.683 | 57.9419 |
| RC/RT |  | 35320.948 | 921.653 |  |  |  |  |  |  |  | 0 |  | ‐3.7804 | 93.607 | 421947.200 | 1044020.510 | 93.607 | 57.9419 |
|  | LV/RV | 35359.426 |  | 24.728 |  | ‐55000 |  |  |  |  | 0 |  | ‐3.7804 | 93.462 | 421979.312 | 1044041.708 | 93.462 | 57.9419 |
|  | VV.16 | 35371.790 |  |  |  | ‐55000 |  |  |  | 12.364 | 0 |  | ‐4.2300 | 93.414 | 421989.630 | 1044048.520 | 93.414 | 57.9419 |
|  | RV/LV | 35384.154 |  | 100.530 |  | ‐55000 |  |  |  |  | 0 |  | ‐4.2300 | 93.363 | 421999.949 | 1044055.331 | 93.363 | 57.9419 |
|  | LV/RV | 35484.684 |  | 24.279 |  | 30000 |  |  |  |  | 0 |  | ‐4.2300 | 92.937 | 422083.847 | 1044110.715 | 92.937 | 57.9419 |
|  | VV.17 | 35496.823 |  |  |  | 30000 |  |  |  | 12.139 | 0 |  | ‐3.4207 | 92.888 | 422093.978 | 1044117.403 | 92.888 | 57.9419 |
|  | RV/LV | 35508.963 |  | 351.599 |  | 30000 |  |  |  |  | 0 |  | ‐3.4207 | 92.845 | 422104.109 | 1044124.091 | 92.845 | 57.9419 |
|  | LV/RV | 35860.562 |  | 82.891 |  | 75000 |  |  |  |  | 0 |  | ‐3.4207 | 91.642 | 422397.539 | 1044317.794 | 91.642 | 57.9419 |
|  | VV.18 | 35902.008 |  |  |  | 75000 |  |  |  | 41.446 | 0 |  | ‐2.3155 | 91.511 | 422432.128 | 1044340.627 | 91.511 | 57.9419 |
|  | RV/LV | 35943.453 |  | 222.203 |  | 75000 |  |  |  |  | 0 |  | ‐2.3155 | 91.404 | 422466.717 | 1044363.461 | 91.404 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.b assa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | LV/RV | 36165.656 |  | 68.688 |  | 35000 |  |  |  |  | 0 |  | ‐2.3155 | 90.890 | 422652.157 | 1044485.877 | 90.890 | 57.9419 |
|  | VV.19 | 36200.000 |  |  |  | 35000 |  |  |  | 34.344 | 0 |  | ‐0.3530 | 90.827 | 422680.820 | 1044504.798 | 90.827 | 57.9419 |
|  | RV/LV | 36234.344 |  | 186.753 |  | 35000 |  |  |  |  | 0 |  | ‐0.3530 | 90.798 | 422709.482 | 1044523.718 | 90.798 | 57.9419 |
| RT/RC |  | 36242.601 | 20.000 |  |  |  |  |  |  |  | 0 |  | ‐0.3530 | 90.795 | 422716.372 | 1044528.267 | 90.795 | 57.9419 |
| RC/CC |  | 36262.601 | 41.172 |  | 22000 |  |  |  |  |  | 0 |  | ‐0.3530 | 90.788 | 422733.065 | 1044539.283 | 90.788 | 57.9419 |
| VP.10 |  | 36283.187 |  |  | 22000 |  | 0.11914 | 434844.972 | 1026173.507 |  | 0 |  | ‐0.3530 | 90.781 | 422733.065 | 1044539.283 | 90.781 | 57.9419 |
| CC/RC |  | 36303.773 | 40.000 |  | 22000 |  |  |  |  |  | 0 |  | ‐0.3530 | 90.773 | 422767.457 | 1044561.918 | 90.773 | 57.9419 |
| RC/CC |  | 36343.773 | 40.929 |  | ‐33500 |  |  |  |  |  | 0 |  | ‐0.3530 | 90.759 | 422800.898 | 1044583.866 | 90.759 | 57.9419 |
| VP.11 |  | 36364.237 |  |  | ‐33500 |  | 0.07778 | 404414.505 | 1072587.269 |  | 0 |  | ‐0.3530 | 90.752 | 422800.898 | 1044583.866 | 90.752 | 57.9419 |
| CC/RC |  | 36384.702 | 20.000 |  | ‐33500 |  |  |  |  |  | 0 |  | ‐0.3530 | 90.745 | 422835.098 | 1044606.351 | 90.745 | 57.9419 |
| RC/RT |  | 36404.702 | 171.868 |  |  |  |  |  |  |  | 0 |  | ‐0.3530 | 90.738 | 422851.801 | 1044617.351 | 90.738 | 57.9419 |
|  | LV/RV | 36421.097 |  | 47.351 |  | 25000 |  |  |  |  | 0 |  | ‐0.3530 | 90.732 | 422865.492 | 1044626.371 | 90.732 | 57.9419 |
|  | VV.20 | 36444.772 |  |  |  | 25000 |  |  |  | 23.675 | 0 |  | 1.5411 | 90.735 | 422885.263 | 1044639.395 | 90.735 | 57.9419 |
|  | RV/LV | 36468.448 |  | 187.165 |  | 25000 |  |  |  |  | 0 |  | 1.5411 | 90.760 | 422905.034 | 1044652.419 | 90.760 | 57.9419 |
| RT/RC |  | 36576.570 | 75.000 |  |  |  |  |  |  |  | 0 | Sx | 1.5411 | 90.927 | 422995.325 | 1044711.899 | 90.927 | 57.9419 |
| RC/CC |  | 36651.570 | 70.632 |  | 1986 |  |  |  |  |  | 30 | Sx | 1.5411 | 91.042 | 423058.214 | 1044752.762 | 91.057 | 57.9419 |
|  | LV/RV | 36655.613 |  | 35.408 |  | ‐40000 |  |  |  |  | 30 | Sx | 1.5411 | 91.049 | 423061.635 | 1044754.919 | 91.064 | 57.9419 |
|  | VV.21 | 36673.317 |  |  |  | ‐40000 |  |  |  | 17.704 | 30 | Sx | 0.6559 | 91.072 | 423076.661 | 1044764.280 | 91.087 | 57.9419 |
| VP.12 |  | 36686.886 |  |  | 1986 |  | 2.26415 | 424119.244 | 1043073.950 |  | 0 |  | 0.6559 | 91.084 | 423058.214 | 1044752.762 | 91.084 | 57.9419 |
|  | RV/LV | 36691.021 |  | 362.633 |  | ‐40000 |  |  |  |  | 30 | Sx | 0.6559 | 91.087 | 423091.771 | 1044773.507 | 91.102 | 57.9419 |
| CC/RC |  | 36722.202 | 75.000 |  | 1986 |  |  |  |  |  | 30 | Sx | 0.6559 | 91.108 | 423118.580 | 1044789.428 | 91.123 | 57.9419 |
| RC/RT |  | 36797.202 | 131.370 |  |  |  |  |  |  |  | 0 |  | 0.6559 | 91.157 | 423183.833 | 1044826.399 | 91.157 | 57.9419 |
| RT/RC |  | 36928.572 | 100.000 |  |  |  |  |  |  |  | 0 |  | 0.6559 | 91.243 | 423298.538 | 1044890.437 | 91.243 | 57.9419 |
| RC/CC |  | 37028.572 | 59.454 |  | 1308.5 |  |  |  |  |  | 50 | Sx | 0.6559 | 91.309 | 423386.460 | 1044938.064 | 91.334 | 57.9419 |
|  | LV/RV | 37053.654 |  | 14.469 |  | ‐100000 |  |  |  |  | 50 | Sx | 0.6559 | 91.325 | 423408.919 | 1044949.231 | 91.350 | 57.9419 |
| VP.13 |  | 37058.299 |  |  | 1308.5 |  | 2.8926 | 423980.221 | 1043772.037 |  | 0 |  | 0.6559 | 91.328 | 423386.460 | 1044938.064 | 91.328 | 57.9419 |
|  | VV.22 | 37060.889 |  |  |  | ‐100000 |  |  |  | 7.235 | 50 | Sx | 0.5112 | 91.330 | 423415.436 | 1044952.371 | 91.355 | 57.9419 |
|  | RV/LV | 37068.123 |  | 138.739 |  | ‐100000 |  |  |  |  | 50 | Sx | 0.5112 | 91.334 | 423421.971 | 1044955.476 | 91.359 | 57.9419 |
| CC/RC |  | 37088.026 | 100.000 |  | 1308.5 |  |  |  |  |  | 50 | Sx | 0.5112 | 91.344 | 423440.035 | 1044963.830 | 91.369 | 57.9419 |
| RC/RT |  | 37188.026 | 53.939 |  |  |  |  |  |  |  | 0 |  | 0.5112 | 91.395 | 423532.131 | 1045002.779 | 91.395 | 57.9419 |
|  | LV/RV | 37206.862 |  | 24.149 |  | 15000 |  |  |  |  | 0 |  | 0.5112 | 91.405 | 423549.571 | 1045009.894 | 91.405 | 57.9419 |
|  | VV.23 | 37218.936 |  |  |  | 15000 |  |  |  | 12.075 | 0 |  | 2.1211 | 91.416 | 423560.751 | 1045014.455 | 91.416 | 57.9419 |
|  | RV/LV | 37231.011 |  | 140.826 |  | 15000 |  |  |  |  | 0 |  | 2.1211 | 91.436 | 423571.931 | 1045019.017 | 91.436 | 57.9419 |
| RT/RC |  | 37241.965 | 98.000 |  |  |  |  |  |  |  | 0 |  | 2.1211 | 91.460 | 423582.074 | 1045023.154 | 91.460 | 57.9419 |
| RC/CC |  | 37339.965 | 55.455 |  | 1445 |  |  |  |  |  | 40 | Sx | 2.1211 | 91.668 | 423673.220 | 1045059.145 | 91.688 | 57.9419 |
| VP.14 |  | 37367.692 |  |  | 1445 |  | 2.44316 | 424173.424 | 1043703.482 |  | 0 |  | 2.1211 | 91.726 | 423673.220 | 1045059.145 | 91.726 | 57.9419 |
|  | LV/RV | 37371.837 |  | 20.701 |  | ‐25000 |  |  |  |  | 40 | Sx | 2.1211 | 91.735 | 423703.241 | 1045069.847 | 91.755 | 57.9419 |
|  | VV.24 | 37382.188 |  |  |  | ‐25000 |  |  |  | 10.351 | 40 | Sx | 1.2931 | 91.755 | 423713.041 | 1045073.180 | 91.775 | 57.9419 |
|  | RV/LV | 37392.538 |  | 391.876 |  | ‐25000 |  |  |  |  | 40 | Sx | 1.2931 | 91.770 | 423722.863 | 1045076.442 | 91.790 | 57.9419 |
| CC/RC |  | 37395.420 | 98.000 |  | 1445 |  |  |  |  |  | 40 | Sx | 1.2931 | 91.774 | 423725.602 | 1045077.338 | 91.794 | 57.9419 |
| RC/RT |  | 37493.420 | 345.481 |  |  |  |  |  |  |  | 0 |  | 1.2931 | 91.901 | 423819.435 | 1045105.595 | 91.901 | 57.9419 |
|  | LV/RV | 37784.414 |  | 25.951 |  | 20000 |  |  |  |  | 0 |  | 1.2931 | 92.277 | 424098.999 | 1045186.351 | 92.277 | 57.9419 |
|  | VV.25 | 37797.389 |  |  |  | 20000 |  |  |  | 12.976 | 0 |  | 2.5906 | 92.298 | 424111.465 | 1045189.952 | 92.298 | 57.9419 |

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| Punti Notevoli Tracciato (P.N.) | | Progressiva (m) | Sviluppo Elemento Tracciato (m) | | Raggio (m) | | Angolo centro curva plan. (centes) | Coordinate Centro Curva Plan. (m) | | Tangente curva Altim. (m) | Sopraelevaz. | | p‰ Livel.rot.b assa | Quota rot.bassa (m) | Coordinate Punti Notevoli asse Tracciato e vertici (m) | | | Azimut rettifilo (centes.) |
| Planim. Asse | Altim. rot.bassa | Planim. Asse | Altim. rot.bassa | Plan. | Alt. | Est (X) | Nord (Y) |  | rotaia Dx/Sx | Est (X) | Nord (Y) | Quota |
|  | RV/LV | 37810.365 |  | 111.874 |  | 20000 |  |  |  |  | 0 |  | 2.5906 | 92.328 | 424123.931 | 1045193.552 | 92.328 | 57.9419 |
| RT/RC |  | 37838.901 | 81.000 |  |  |  |  |  |  |  | 0 |  | 2.5906 | 92.402 | 424151.346 | 1045201.472 | 92.402 | 57.9419 |
| RC/CC |  | 37919.901 | 30.003 |  | 1844.55 |  |  |  |  |  | 30 | Sx | 2.5906 | 92.611 | 424229.325 | 1045223.380 | 92.626 | 57.9419 |
|  | LV/RV | 37922.239 |  | 26.777 |  | ‐10000 |  |  |  |  | 30 | Sx | 2.5906 | 92.617 | 424231.586 | 1045223.978 | 92.632 | 57.9419 |
| VP.15 |  | 37934.903 |  |  | 1844.55 |  | 1.03551 | 424702.194 | 1043440.472 |  | 0 |  | 2.5906 | 92.642 | 424229.325 | 1045223.380 | 92.642 | 57.9419 |
|  | VV.26 | 37935.628 |  |  |  | ‐10000 |  |  |  | 13.389 | 30 | Sx | ‐0.0871 | 92.643 | 424244.543 | 1045227.347 | 92.658 | 57.9419 |
|  | RV/LV | 37949.016 |  | 397.439 |  | ‐10000 |  |  |  |  | 30 | Sx | ‐0.0871 | 92.651 | 424257.525 | 1045230.621 | 92.666 | 57.9419 |
| CC/RC |  | 37949.904 | 81.000 |  | 1844.55 |  |  |  |  |  | 30 | Sx | ‐0.0871 | 92.651 | 424258.387 | 1045230.835 | 92.666 | 57.9419 |
| RC/RT |  | 38030.904 | 339.200 |  |  |  |  |  |  |  | 0 |  | ‐0.0871 | 92.644 | 424337.282 | 1045249.171 | 92.644 | 57.9419 |
|  | LV/RV | 38346.455 |  | 20.269 |  | 25000 |  |  |  |  | 0 |  | ‐0.0871 | 92.616 | 424645.156 | 1045318.353 | 92.616 | 57.9419 |
|  | VV.27 | 38356.590 |  |  |  | 25000 |  |  |  | 10.134 | 0 |  | 0.7237 | 92.617 | 424655.044 | 1045320.575 | 92.617 | 57.9419 |
|  | RV/LV | 38366.724 |  | 114.081 |  | 25000 |  |  |  |  | 0 |  | 0.7237 | 92.623 | 424664.932 | 1045322.797 | 92.623 | 57.9419 |
| RT/RC |  | 38370.104 | 20.000 |  |  |  |  |  |  |  | 0 | Sx | 0.7237 | 92.625 | 424668.229 | 1045323.538 | 92.625 | 57.9419 |
| RC/CC |  | 38390.104 | 53.307 |  | 2800 |  |  |  |  |  | 20 | Sx | 0.7237 | 92.640 | 424687.748 | 1045327.899 | 92.650 | 57.9419 |
| VP.16 |  | 38416.758 |  |  | 2800 |  | 1.21203 | 425291.863 | 1042593.846 |  |  |  | 0.7237 | 92.659 | 424687.748 | 1045327.899 | 92.659 | 57.9419 |
| CC/RC |  | 38443.411 | 20.001 |  | 2800 |  |  |  |  |  |  |  | 0.7237 | 92.678 | 424739.907 | 1045338.905 | 92.678 | 57.9419 |
| RC/RT |  | 38463.412 |  |  |  |  |  |  |  |  |  |  | 0.7237 | 92.693 | 424759.524 | 1045342.800 | 92.693 | 57.9419 |
|  | LV/RV | 38480.805 |  | 24.528 |  | ‐20000 |  |  |  |  |  |  | 0.7237 | 92.705 | 424776.588 | 1045346.168 | 92.705 | 57.9419 |
|  | VV.28 | 38493.069 |  |  |  | ‐20000 |  |  |  | 12.264 |  |  | ‐0.5027 | 92.710 | 424788.620 | 1045348.543 | 92.710 | 57.9419 |
|  | RV/LV | 38505.333 |  |  |  | ‐20000 |  |  |  |  |  |  | ‐0.5027 | 92.708 | 424800.652 | 1045350.918 | 92.708 | 57.9419 |
| RT/FINE |  | 38512.757 |  |  |  |  |  |  |  |  |  |  | ‐0.5027 | 0.000 | 424807.935 | 1045352.355 | 0.000 | 57.9419 |
|  | LV/Fine | 38512.757 |  |  |  |  |  |  |  |  |  |  | ‐0.5027 | 0.000 | 424807.935 | 1045352.355 |  | 57.9419 |