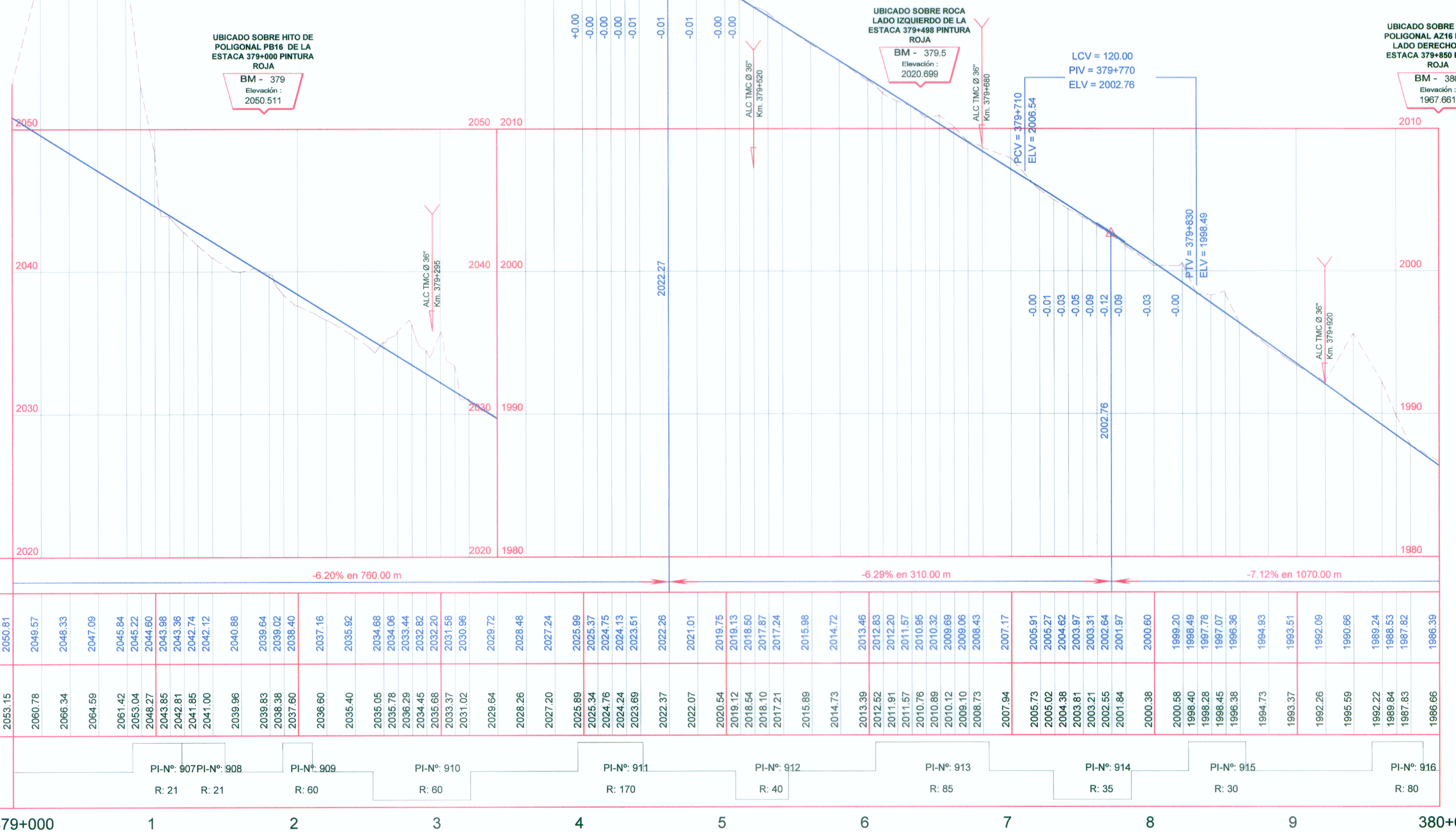


CUADRO DE COORDENADAS Y ELEMENTOS DE CURVAS

| Nº PI | SENT. | DELTA     | RADIO   | TANG.  | L.C.   | Ext.   | P.I.          | P.C.          | P.T.          | NORTE       | ESTE       | P% SA    |
|-------|-------|-----------|---------|--------|--------|--------|---------------|---------------|---------------|-------------|------------|----------|
| 907   | I     | 93°43'26" | 21.014  | 22.426 | 34.375 | 9.719  | 379 + 106.129 | 379 + 083.703 | 379 + 118.078 | 8487546.209 | 722865.397 | 8.0 3.30 |
| 908   | I     | 82°23'22" | 21.014  | 18.393 | 30.217 | 6.913  | 379 + 136.471 | 379 + 118.078 | 379 + 148.295 | 8487583.346 | 722882.341 | 8.0 3.30 |
| 909   | I     | 19°56'38" | 60.000  | 10.549 | 20.885 | 0.920  | 379 + 199.306 | 379 + 188.756 | 379 + 209.641 | 8487620.257 | 722823.579 | 6.0 1.30 |
| 910   | D     | 65°13'02" | 60.000  | 38.384 | 68.295 | 11.227 | 379 + 290.599 | 379 + 252.215 | 379 + 320.510 | 8487639.580 | 722734.136 | 6.0 1.30 |
| 911   | I     | 15°22'16" | 170.000 | 22.941 | 45.607 | 1.541  | 379 + 418.707 | 379 + 395.766 | 379 + 441.373 | 8487772.877 | 722704.361 | 4.0 0.60 |
| 912   | D     | 52°49'16" | 40.000  | 19.885 | 36.876 | 4.661  | 379 + 526.209 | 379 + 506.344 | 379 + 543.220 | 8487868.071 | 722653.824 | 7.0 1.90 |
| 913   | I     | 53°35'10" | 85.000  | 42.924 | 79.497 | 10.223 | 379 + 647.311 | 379 + 604.387 | 379 + 683.884 | 8487980.543 | 722705.934 | 5.0 1.00 |
| 914   | D     | 89°21'29" | 35.000  | 34.610 | 54.586 | 14.223 | 379 + 763.542 | 379 + 728.932 | 379 + 783.518 | 8488088.037 | 722647.016 | 8.0 2.10 |
| 915   | I     | 76°25'22" | 30.000  | 23.617 | 40.015 | 8.181  | 379 + 847.310 | 379 + 823.692 | 379 + 863.707 | 8488136.297 | 722732.771 | 8.0 2.40 |
| 916   | I     | 25°39'24" | 80.000  | 18.217 | 35.823 | 2.048  | 379 + 970.786 | 379 + 952.569 | 379 + 988.393 | 8488262.060 | 722697.203 | 6.0 1.10 |

PLANTA Esc. 1/4000



PERFIL LONGITUDINAL Esc. Hor. : 1/4000 Esc. Ver. : 1/400

LEYENDA

| SIMBOLO              | DESCRIPCION           |
|----------------------|-----------------------|
| PI-161               | Pis                   |
| (Blue line)          | Eje de Diseño         |
| (Black dot)          | BMS                   |
| (Green hatched)      | BADEN                 |
| (Red hatched)        | ALCANTARILLA          |
| (Blue hatched)       | PUNTES Y PONTONES     |
| (Red circle with BZ) | BUZON                 |
| (PL)                 | POSTE DE LUZ          |
| (PAT)                | POSTE DE ALTA TENSION |
| (Green line)         | MURO TAPIAL DE ADOBE  |
| (Blue line)          | MURO DE CONCRETO      |
| (Red line)           | VIVIENDAS             |
| (Red dashed line)    | BORDE DE CARRETERA    |
| (Blue dashed line)   | CANAL EXISTENTE       |
| (Blue wavy line)     | QUEBRADA, RIO         |



Diseño: A. CABRERA N.  
 Dibujo: V. YSHUJAYLAS  
 Verifico:  
 Presento:

Aprobó:

| REVISIONES |       |
|------------|-------|
| Nº         | FECHA |
|            |       |
|            |       |
|            |       |

ESTUDIO DEFINITIVO PARA LA REHABILITACION Y MEJORAMIENTO DE LA CARRETERA AYACUCHO-ABANCAY TRAMO : DV.KISHUARA - PTE. SAHUUNTO

PLANO: PLANTA Y PERFIL LONGITUDINAL Km 379+000 - Km 380+000

ESCALA: INDICADA  
 FECHA: ABRIL 2009  
 LAMINA: PP-71