



|              |                  |          |          |          |          |          |          |          |         |  |  |  |  |  |  |  |
|--------------|------------------|----------|----------|----------|----------|----------|----------|----------|---------|--|--|--|--|--|--|--|
| ELEVACION    | VOLUMEN DE CORTE |          |          |          |          |          |          |          |         |  |  |  |  |  |  |  |
|              | ESPEJOR DE CORTE |          |          |          |          |          |          |          |         |  |  |  |  |  |  |  |
|              | PAVIMENTO        | 2029.33  | 2029.33  | 2029.73  | 2030.13  | 2031.38  | 2033.48  | 2035.14  | 2036.04 |  |  |  |  |  |  |  |
|              | BASE             | 2029.18  | 2029.18  | 2029.58  | 2029.98  | 2031.23  | 2033.33  | 2034.99  | 2035.89 |  |  |  |  |  |  |  |
|              | SUBRASANTE       | 2028.98  | 2028.98  | 2029.38  | 2029.78  | 2031.03  | 2033.13  | 2034.79  | 2035.69 |  |  |  |  |  |  |  |
|              | SUBAYACENTE      | 2028.78  | 2028.78  | 2029.18  | 2029.58  | 2030.83  | 2032.93  | 2034.59  | 2035.49 |  |  |  |  |  |  |  |
|              | TERRENO          | 2029.33  | 2029.63  | 2030.11  | 2030.58  | 2031.39  | 2033.52  | 2035.14  | 2036.04 |  |  |  |  |  |  |  |
| CADENAMIENTO |                  | 0+000.00 | 0+020.00 | 0+040.00 | 0+060.00 | 0+080.00 | 0+100.00 | 0+113.77 |         |  |  |  |  |  |  |  |

NOTA: Se ha considerado el terreno ya despalrado al calcular áreas y volúmenes de corte y terraplén.

| SIMBOLOGIA |                 |
|------------|-----------------|
| C          | CORTE           |
| T          | TERRAPLEN       |
| SBR        | SUBRASANTE      |
| BH         | BASE HIDRAULICA |
| CA         | CARPETA         |

| COORDENADA INICIAL DE CURVA MASA |             |         | 10,000.00 |      | AREAS |      |      |      |               | VOLUMEN      |        |      |        |        | RESUMEN (ORDENADAS DE LA CURVA MASA) |          |           |
|----------------------------------|-------------|---------|-----------|------|-------|------|------|------|---------------|--------------|--------|------|--------|--------|--------------------------------------|----------|-----------|
| SECC.DE TN                       | ELEVACIONES |         | ESP.      |      | C     | T    | SBR  | BH   | CA            | SEMI-DISTANC | C      | T    | SBR    | BH     | CA                                   |          |           |
|                                  | TN          | SUBR    | C         | T    |       |      |      |      |               |              |        |      |        |        |                                      |          |           |
| 0+000.00                         | 2029.33     | 2028.78 | 0.55      | 0.00 | 3.70  | 0.00 | 1.28 | 1.28 | 0.90          |              |        |      |        |        |                                      | 0+000.00 | 10,000.00 |
| 0+020.00                         | 2029.63     | 2029.18 | 0.45      | 0.00 | 2.94  | 0.00 | 1.28 | 1.28 | 0.90          | 10.00        | 66.40  | 0.00 | 25.60  | 25.60  | 18.00                                | 0+020.00 | 10,066.40 |
| 0+040.00                         | 2030.11     | 2029.58 | 0.52      | 0.00 | 3.23  | 0.00 | 1.28 | 1.28 | 0.90          | 10.00        | 61.80  | 0.00 | 25.60  | 25.60  | 18.00                                | 0+040.00 | 10,128.20 |
| 0+060.00                         | 2031.39     | 2030.83 | 0.55      | 0.00 | 3.33  | 0.00 | 1.28 | 1.28 | 0.90          | 10.00        | 65.60  | 0.00 | 25.60  | 25.60  | 18.00                                | 0+060.00 | 10,193.80 |
| 0+080.00                         | 2033.52     | 2032.93 | 0.59      | 0.00 | 3.90  | 0.00 | 1.28 | 1.28 | 0.90          | 10.00        | 72.40  | 0.00 | 25.60  | 25.60  | 18.00                                | 0+080.00 | 10,266.20 |
| 0+100.00                         | 2035.14     | 2034.59 | 0.55      | 0.00 | 4.28  | 0.00 | 1.28 | 1.28 | 0.90          | 10.00        | 81.80  | 0.00 | 25.60  | 25.60  | 18.00                                | 0+100.00 | 10,348.00 |
| 0+113.77                         | 2036.04     | 2035.49 | 0.55      | 0.00 | 3.85  | 0.00 | 1.28 | 1.28 | 0.90          | 6.89         | 56.04  | 0.00 | 17.63  | 17.63  | 12.39                                | 0+113.77 | 10,404.04 |
|                                  |             |         |           |      |       |      |      |      | TOTAL PARCIAL |              | 404.04 | 0.00 | 145.63 | 145.63 | 102.39                               |          |           |



| NOTAS GENERALES |                  |
|-----------------|------------------|
| SIMBOLOGIA      |                  |
|                 | TERRENO NATURAL  |
|                 | NIVEL RASANTE    |
|                 | NIVEL BASE       |
|                 | NIVEL SUBRASANTE |
|                 | NIVEL SUBYACENTE |
|                 | PUNTO INFLEXIÓN  |
|                 | BANCO DE NIVEL   |

### H. AYUNTAMIENTO CONSTITUCIONAL

#### VILLA DE TAMAZULÁPAM DEL PROGRESO

ESTADO: (20) OAXACA  
REGIÓN: (04) MIXTECA  
DISTRITO: (09) TEPOSCOLULA  
MUNICIPIO: (540) VILLA DE TAMAZULÁPAM DEL PROGRESO  
LOCALIDAD: (0001) VILLA DE TAMAZULÁPAM DEL PROGRESO, OAXACA

PROYECTO: "CONSTRUCCIÓN DE PAVIMENTO CON CONCRETO HIDRÁULICO EN LA CALLE GALEANA, EN LA LOCALIDAD DE VILLA DE TAMAZULÁPAM DEL PROGRESO, MUNICIPIO VILLA DE TAMAZULÁPAM DEL PROGRESO, OAXACA"

UBICACIÓN: CALLE GALEANA, ENTRE LA AV. NICOLAS BRAVO Y LA CALLE MARIANO ESCOBEDO, EN LA LOCALIDAD VILLA DE TAMAZULÁPAM DEL PROGRESO, C.P. 69510, VILLA DE TAMAZULÁPAM DEL PROGRESO, OAXACA.

|   |  |
|---|--|
| POR LA AUTORIDAD MUNICIPAL  |  |
| C. RAMIRO QUIROZ SALCEDO<br>PRESIDENTE MUNICIPAL CONSTITUCIONAL                                       |  |
| C. RUTH ITZEL CRUZ VASQUEZ<br>SECRETARIO MUNICIPAL CONSTITUCIONAL                                     |  |
| ING. PABLO ARMANDO VELASCO CRUZ<br>DIRECTOR RESPONSABLE DE OBRA<br>CED. PROF. 9545851 D.R.O. A-3440-I |  |
| ING. PABLO ARMANDO VELASCO CRUZ<br>PROYECTISTA<br>CED. PROF. 9545851                                  |  |

|                          |                                  |
|--------------------------|----------------------------------|
| PLANO:                   |                                  |
| PERFIL DE PROYECTO       |                                  |
| ESCALA: LA QUE SE INDICA | Nº DE PLANO PARTICULAR: 01 de 01 |
| FECHA: ABRIL 2022        | Nº DE PLANO GENERAL: 02 de 04    |