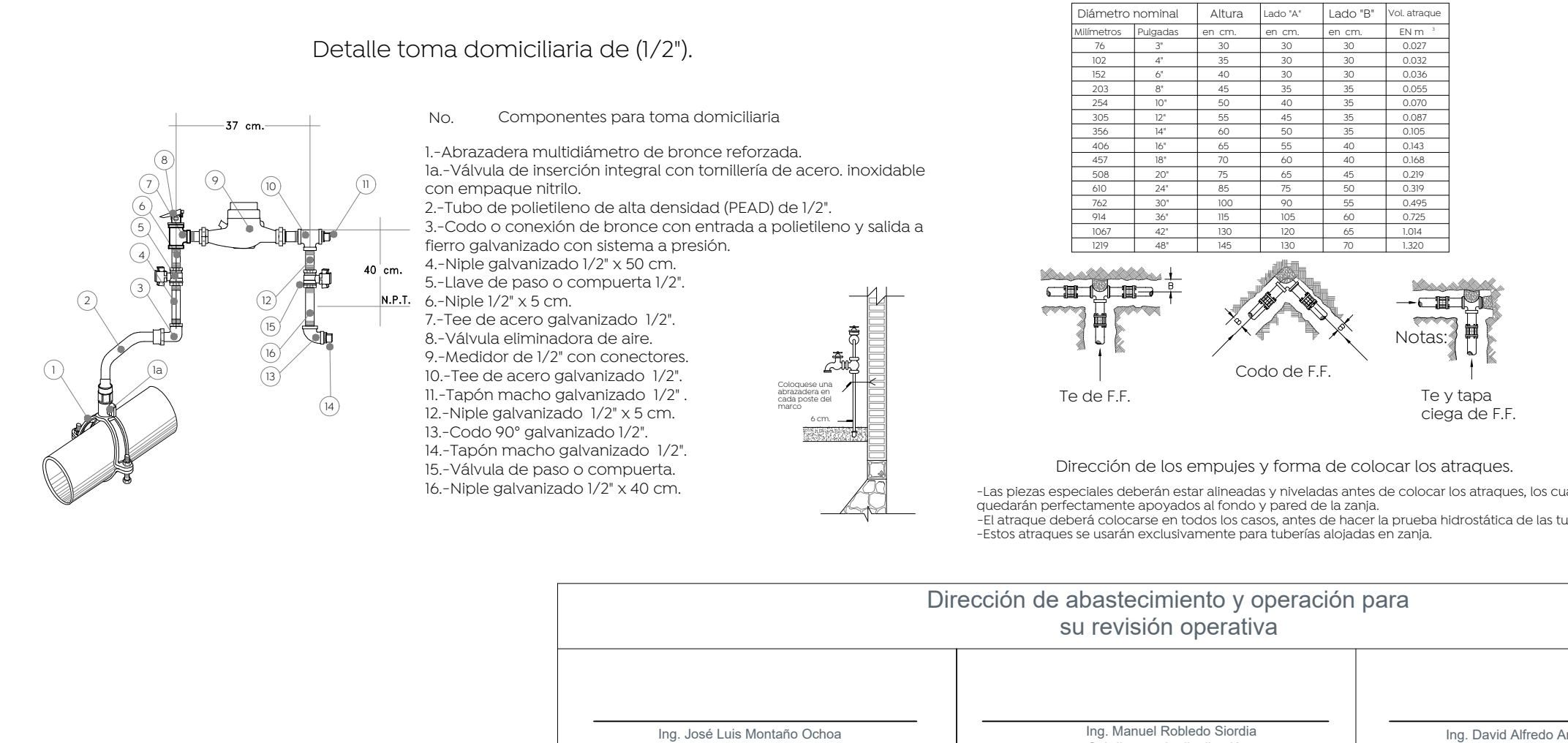
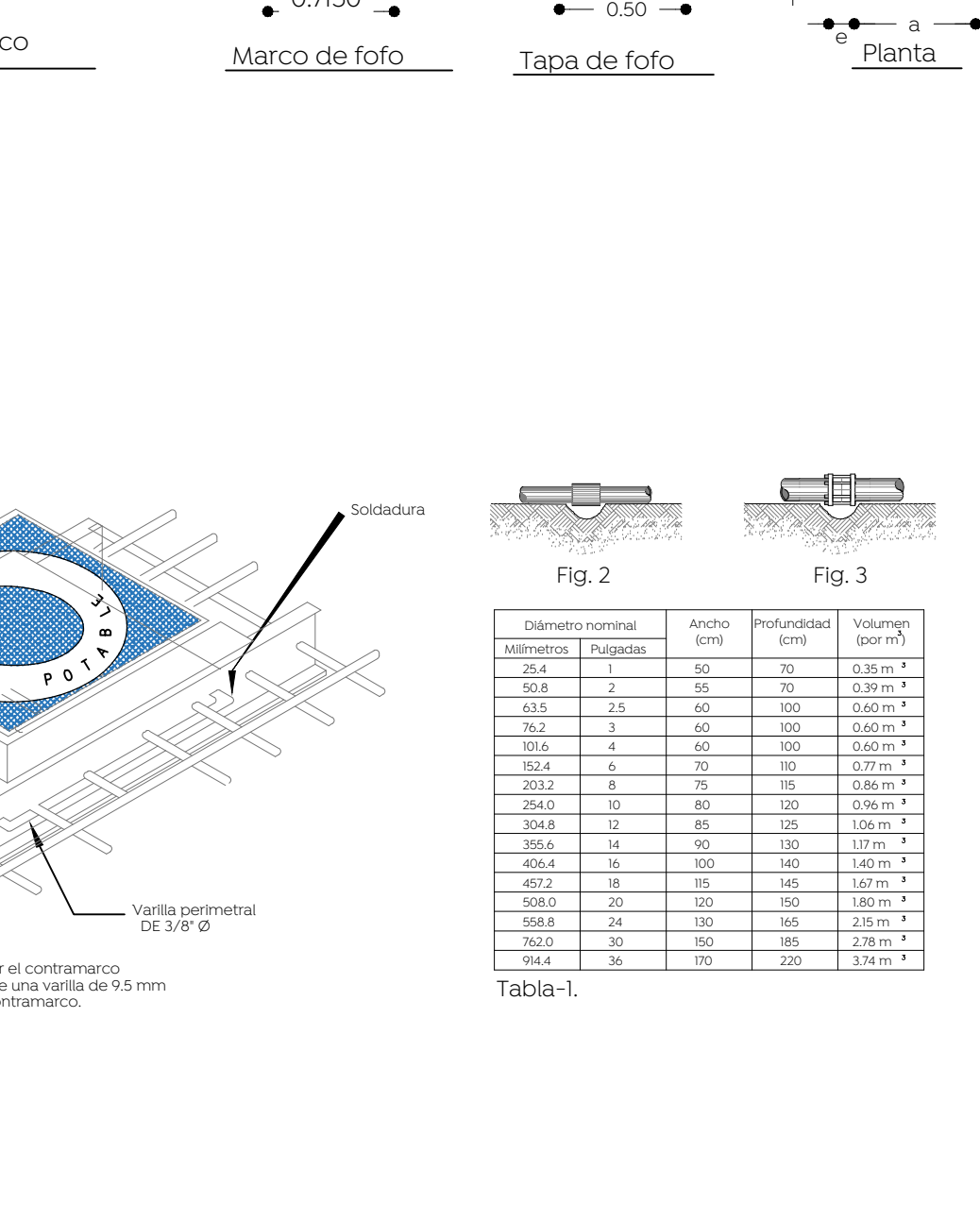


Datos para cajas de válvulas de compuerta con vástago fijo

| Caja tipo | Dámetro de válvula (mm) | Cant. de válvulas | h en (m) | c en (cm) | d en (cm) | e en (cm) | f en (cm) | y en (m) | Contramarcos | Excavación | Pantalla (Ned-180 #3630 a/s) | Losas de concreto piso (10x28 cm, 4 varillas #3/8" @ 20cm) | Losas de concreto techo (4x20 cm, 4 varillas #3/8" @ 20cm) | Acero #1 varillas 3/8" | Alargamiento L/4" | | | | | | | | | | | | |
|-----------|-------------------------|-------------------|----------|-----------|-----------|-----------|-----------|----------|--------------|------------|------------------------------|--|--|------------------------|-------------------|------|------|-------|------|-------|-------|------|-------|-------|-------|--------|--------|
| 1 | 100x150 | 1 | 1.46 | 1.63 | 20.0 | 1.90 | 1.60 | 28 | 2.50 | 2.00 | 195 | 1 | 4 | 8.50 | 5.50 | 3.04 | 0.30 | 7.00 | 0.20 | 5.42 | 4.99 | 1.00 | 18.43 | 17.72 | 18.60 | 75.00 | |
| 2 | 200x150 | 1 | 1.72 | 1.87 | 20.0 | 2.10 | 1.80 | 28 | 2.70 | 2.40 | 235 | 1 | 6 | 12.83 | 8.48 | 3.78 | 0.38 | 7.80 | 0.22 | 13.80 | 12.87 | 1.00 | 14.81 | 21.22 | 20.46 | 82.50 | |
| 3 | 400x150 | 1 | 2.21 | 2.33 | 20.0 | 2.70 | 2.25 | 28 | 3.30 | 2.80 | 260 | 1 | 6 | 23.04 | 9.41 | 6.08 | 0.61 | 9.80 | 0.28 | 22.28 | 8.90 | 0.77 | 9.90 | 22.28 | 17.91 | 29.56 | 123.13 |
| 4 | 100x250 | 2 | 1.46 | 1.63 | 20.0 | 2.15 | 1.60 | 28 | 2.75 | 2.30 | 195 | 2 | 4 | 9.35 | 6.05 | 3.44 | 0.34 | 7.50 | 0.21 | 10.09 | 5.03 | 1.01 | 19.26 | 19.34 | 16.95 | 80.44 | |
| 5 | 200x250 | 2 | 1.76 | 1.92 | 20.0 | 2.40 | 1.75 | 28 | 3.00 | 2.35 | 210 | 2 | 4 | 13.11 | 7.05 | 4.20 | 0.42 | 8.30 | 0.23 | 13.78 | 7.44 | 0.58 | 8.30 | 23.24 | 22.78 | 71.94 | 88.46 |
| 6 | 300x150 | 2 | 2.00 | 2.17 | 20.0 | 2.65 | 1.90 | 28 | 3.25 | 2.50 | 235 | 2 | 4 | 17.31 | 8.13 | 5.04 | 0.50 | 9.10 | 0.25 | 17.56 | 7.13 | 1.42 | 19.45 | 20.12 | 24.14 | 97.33 | |
| 7 | 400x150 | 2 | 2.37 | 2.53 | 20.0 | 3.10 | 2.20 | 28 | 3.70 | 2.80 | 255 | 2 | 4 | 25.38 | 10.36 | 6.82 | 0.68 | 10.60 | 0.30 | 23.85 | 9.80 | 0.77 | 10.60 | 33.82 | 32.22 | 102.00 | 112.90 |
| 8 | 100x150 | 2 | 1.46 | 1.63 | 20.0 | 1.85 | 1.65 | 28 | 2.45 | 2.45 | 220 | 2 | 4 | 9.27 | 6.00 | 3.42 | 0.34 | 7.40 | 0.21 | 9.95 | 4.98 | 1.00 | 19.05 | 19.35 | 19.50 | 79.03 | |
| 9 | 200x150 | 2 | 1.76 | 1.93 | 20.0 | 2.10 | 2.00 | 28 | 2.70 | 2.70 | 245 | 2 | 4 | 13.56 | 7.29 | 4.41 | 0.44 | 8.40 | 0.24 | 13.94 | 7.44 | 0.58 | 8.40 | 33.41 | 32.21 | 99.31 | |
| 10 | 300x150 | 2 | 2.00 | 2.17 | 20.0 | 2.25 | 2.25 | 28 | 2.85 | 2.85 | 260 | 2 | 4 | 17.30 | 8.12 | 5.06 | 0.51 | 9.00 | 0.25 | 17.37 | 8.52 | 0.67 | 9.00 | 25.17 | 25.71 | 102.56 | |
| 11 | 100x250 | 3 | 1.46 | 1.63 | 20.0 | 2.15 | 1.65 | 28 | 2.75 | 2.45 | 230 | 2 | 4 | 10.41 | 6.74 | 3.98 | 0.40 | 8.00 | 0.22 | 10.76 | 6.18 | 0.48 | 8.00 | 32.10 | 31.29 | 20.85 | 84.90 |
| 12 | 200x250 | 3 | 1.76 | 1.94 | 20.0 | 2.30 | 2.30 | 28 | 3.30 | 2.65 | 245 | 3 | 4 | 20.05 | 9.57 | 6.21 | 0.62 | 10.00 | 0.28 | 18.95 | 8.38 | 0.66 | 10.00 | 32.80 | 29.60 | 105.11 | |



Nombre del proyecto:
Pavimentación con concreto hidráulico de las calles Paris, Pascual Ortiz Rubio, incluye: modernización de redes básicas de alcantarillado, conducción y distribución, infraestructura urbana y obras complementarias, colonia Vicente Guerrero, Municipio de Zapopan, Jalisco

Contenido del plano:
Detalles agua potable

No. Contrato:
DOPI-MUN-R33-PAV-UP-059-2023

Director de Obras Públicas e Infraestructura:
Ing. Ismael Jáuregui Castañeda

Jefe de la Unidad de Estudios y Proyectos:
Arq. Edwin Aguilar Escatel

Jefe de área:
Ing. Adhadi Yigael Gurrutola Soto

Responsable del proyecto:
Ing. Andrés Martínez Gutiérrez

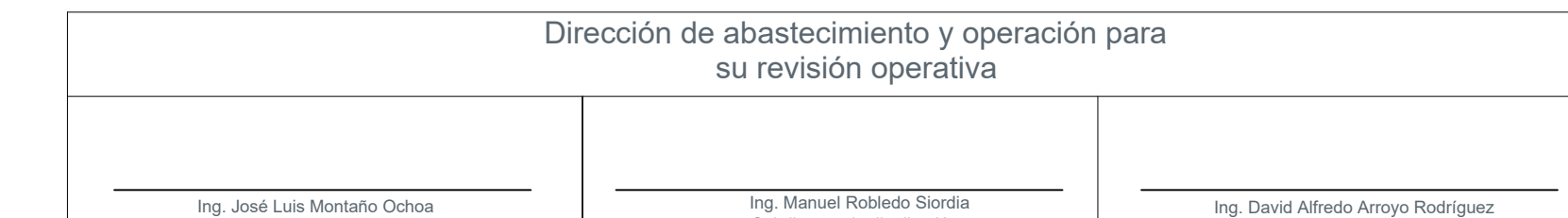
Ubicación:
Calle Altemundos, Del nogal, P. de los Guayabos, P. de los Manzanos, P. de las Cruzcillas, Lucero, S/N, Ocaso y Mirador, colonia Mesa Coladora Poniente, Zapopan, Jalisco

Norte:

Fecha:
Marzo 2023

Escala:
Sin escala

Acotaciones: Metros
 Clave:
APO-02



Ing. José Luis Montañó Ochoa
 Director de abastecimiento y operación

Ing. Manuel Robledo Sordida
 Subdirector de distribución

Ing. David Alfredo Arroyo Rodríguez
 Jefe de sección de distribución Sector Hidalgo