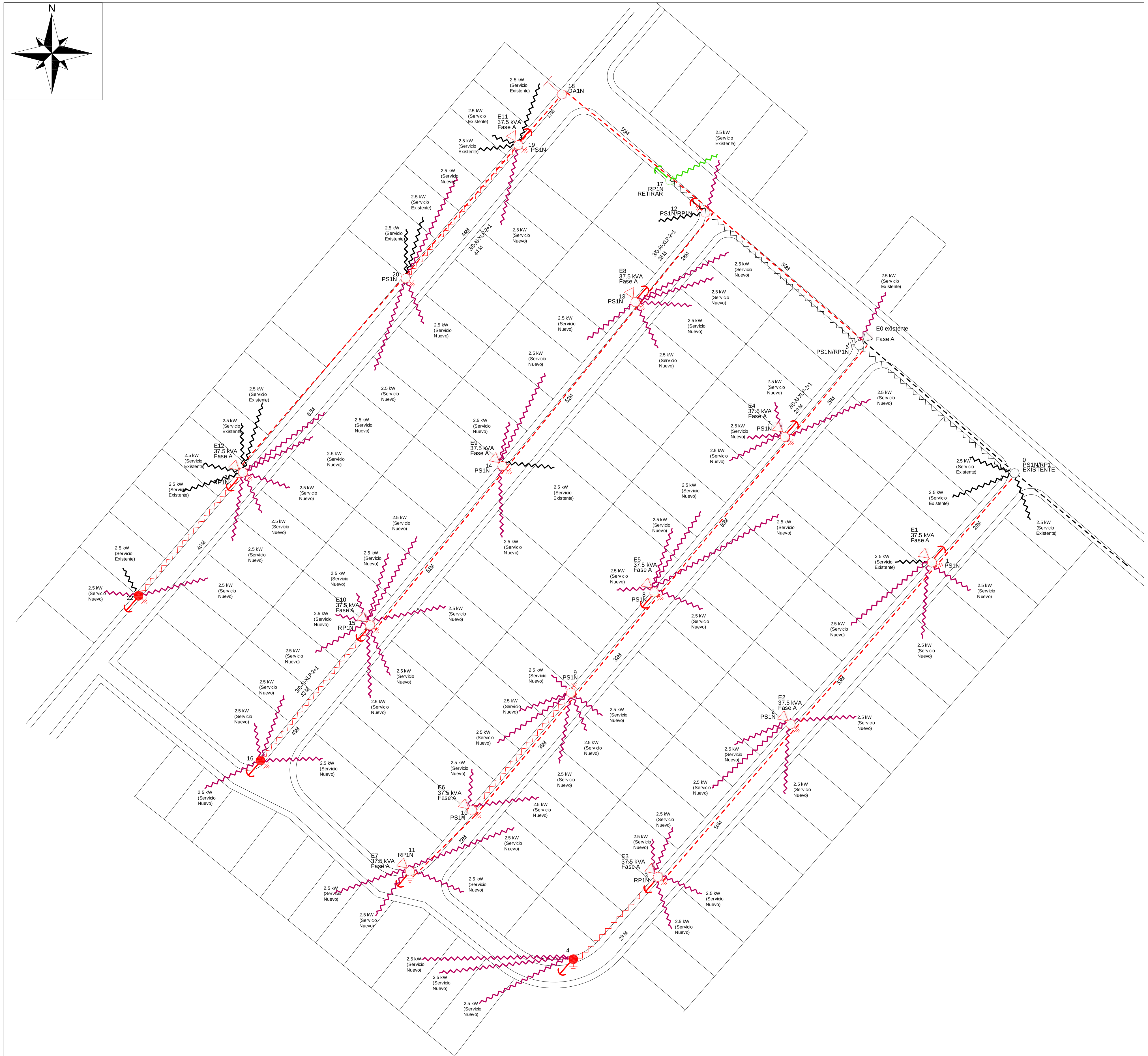
## AMPLIACIÓN GUADALUPE TAMARINDO

1:500




## LOCALIZACION

CUADRO DE DENSIDADES DE CARGA DE ACUERDO A CUADRO DE CARGA 1

| CARGA | DEMANDA | ÁREA DE LOTES (RANGOS) |
|---|---|---|
| 2.5 kW | 2.5 kW | LOTE TIPO 1 |

| N° Transformador | N° Lotes | kW x Lotes | Total kW lote | N° Luminarias | kW x Luminarias | Total kW Luminarias | kW Totales | kVA Totales | Cap. Transformador kVA | Factor Utilizacion % | Fase A | Fase N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E0 EXISTENTE | 5 | 2.5 | 12.5 | 0 | 0 | 0 | 12.5 | 13 | 37.5 | 35 | X | X |
| Total-E0 | 5 | 2.5 | 12.5 | 0 | 0 | 0 | 12.5 | 13 | 37.5 | 35 | X | X |
| E-1 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| Total-E1 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| E-2 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| Total-E2 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| E-3 | 7 | 2.5 | 17.5 | 0 | 0 | 0 | 17.5 | 19 | 37.5 | 51 | X | X |
| Total-E3 | 7 | 2.5 | 17.5 | 0 | 0 | 0 | 17.5 | 19 | 37.5 | 51 | X | X |
| E-4 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| Total-E4 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| E-5 | 5 | 2.5 | 12.5 | 0 | 0 | 0 | 12.5 | 13 | 37.5 | 35 | X | X |
| Total-E5 | 5 | 2.5 | 12.5 | 0 | 0 | 0 | 12.5 | 13 | 37.5 | 35 | X | X |
| E-6 | 8 | 2.5 | 20 | 0 | 0 | 0 | 20 | 22 | 37.5 | 59 | X | X |
| Total-E6 | 8 | 2.5 | 20 | 0 | 0 | 0 | 20 | 22 | 37.5 | 59 | X | X |
| E-7 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| Total-E7 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| E-8 | 5 | 2.5 | 12.5 | 0 | 0 | 0 | 12.5 | 13 | 37.5 | 35 | X | X |
| Total-E8 | 5 | 2.5 | 12.5 | 0 | 0 | 0 | 12.5 | 13 | 37.5 | 35 | X | X |
| E-9 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| Total-E9 | 4 | 2.5 | 10 | 0 | 0 | 0 | 10 | 11 | 37.5 | 29 | X | X |
| E-10 | 11 | 2.5 | 27.5 | 0 | 0 | 0 | 27.5 | 30 | 37.5 | 80 | X | X |
| Total-E10 | 11 | 2.5 | 27.5 | 0 | 0 | 0 | 27.5 | 30 | 37.5 | 80 | X | X |
| E-11 | 9 | 2.5 | 22.5 | 0 | 0 | 0 | 22.5 | 25 | 37.5 | 67 | X | X |
| Total-E11 | 9 | 2.5 | 22.5 | 0 | 0 | 0 | 22.5 | 25 | 37.5 | 67 | X | X |
| E-12 | 12 | 2.5 | 30 | 0 | 0 | 0 | 30 | 33 | 37.5 | 88 | X | X |
| Total-E12 | 12 | 2.5 | 30 | 0 | 0 | 0 | 30 | 33 | 37.5 | 88 | X | X |
| **Total** | **82** | | **205** | **0** | **0** | **0** | **205** | **223** | | | **X** | **X** |

DISPOSITIVOS AEREOS

| Dispositivos Aereos | | | | | | | |
|---|---|---|---|---|---|---|---|
| N° Poste | Estructuras | Equipo Aereo de MT | Bajante de P.T. | Retenida | Material | Altura | Resistencia/Clase |
| 0 | PS1N/RP1N | | | | PCR | 12 | 750 |
| 1 | PS1N | | | RSA | PCR | 12 | 750 |
| 2 | PS1N | 1TR1A | 1 | | PCR | 12 | 750 |
| 3 | RP1N | 1TR1A | 1 | RSA | PCR | 12 | 750 |
| 4 | R | | 1 | | PCR | 9 | 400 |
| 5 | RETIRAR | | | | PCR | 12 | 750 |
| 6 | PS1N/RP1N | 1TR1A | 1 | | PCR | 12 | 750 |
| 7 | PS1N | 1TR1A | 1 | RSA | PCR | 12 | 750 |
| 8 | PS1N | 1TR1A | 1 | | PCR | 12 | 750 |
| 9 | PS1N | | 1 | | PCR | 12 | 750 |
| 10 | PS1N | 1TR1A | 1 | | PCR | 12 | 750 |
| 11 | RP1N | 1TR1A | 1 | RSA | PCR | 12 | 750 |
| 12 | PS1N/RP1N | | 1 | RSA | PCR | 12 | 750 |
| 13 | PS1N | 1TR1A | 1 | RSA | PCR | 12 | 750 |
| 14 | PS1N | 1TR1A | 1 | | PCR | 12 | 750 |
| 15 | RP1N | 1TR1A | 1 | RSA | PCR | 12 | 750 |
| 16 | R | | 1 | | PCR | 9 | 400 |
| 17 | RETIRAR | | | | PCR | 12 | 750 |
| 18 | DA1N | | | RPA | PCR | 12 | 750 |
| 19 | PS1N | 1TR1A | 1 | RSA | PCR | 12 | 750 |
| 20 | PS1N,R | | 1 | | PCR | 12 | 750 |
| 21 | RP1N | 1TR1A | 1 | RSA | PCR | 12 | 750 |
| 22 | R | | 1 | | PCR | 9 | 400 |

CUADRO DE COORDENADAS

| Tabla de coordenadas UTM | | | |
|---|---|---|---|
| Poste | Coordenada Este | Coordenada Norte | Zona |
| POSTE 0 | 234078.354 | 2756615.312 | 13R |
| POSTE 1 | 234057.9884 | 2756593.371 | 13R |
| POSTE 2 | 234021.1588 | 2756550.47 | 13R |
| POSTE 3 | 233990.461 | 2756515.834 | 13R |
| POSTE 4 | 233969.6152 | 2756495.616 | 13R |
| POSTE 5 | | | 13R |
| POSTE 6 | 234010.0302 | 2756615.674 | 13R |
| POSTE 7 | 234021.7452 | 2756624.258 | 13R |
| POSTE 8 | 233983.5318 | 2756585.978 | 13R |
| POSTE 9 | 233963.0268 | 2756561.229 | 13R |
| POSTE 10 | 233944.7004 | 2756540.258 | 13R |
| POSTE 11 | 233923.3596 | 2756517.251 | 13R |
| POSTE 12 | 234002.1511 | 2756673.525 | 13R |
| POSTE 13 | 233981.9113 | 2756657.178 | 13R |
| POSTE 14 | 233952.1439 | 2756627.101 | 13R |
| POSTE 15 | 233923.5462 | 2756577.879 | 13R |
| POSTE 16 | 233892.5215 | 2756544.556 | 13R |
| POSTE 17 | 233930.468 | 2756687.502 | 13R |
| POSTE 18 | 233968.6841 | 2756707.647 | 13R |
| POSTE 19 | 233957.9699 | 2756695.[illegible]79 | 13R |
| POSTE 20 | 233923.9018 | 2756661.976 | 13R |
| POSTE 21 | 233890.1574 | 2756621.511 | 13R |
| POSTE 22 | 233864.4799 | 2756594.14 | 13R |

| SIMBOLOGÍA | | | |
|---|---|---|---|
| SIMBOLO | DESCRIPCION | UNIDAD | CANTIDAD |
| | LINEA DE MEDIA TENSIÓN AÉREA NIVEL DE VOLTAJE 15 KV DESCRIPCIÓN ESPECIFICADA EN PLANO EN PLANTA | MTS | 700 |
| | POSTE DE MEDIA TENSIÓN EXISTENTE | PZA | 1 |
| | POSTE DE CONCRETO PARA MEDIA TENSIÓN PCR-12C-750 | PZA | 17 |
| | POSTE DE CONCRETO PARA MEDIA TENSIÓN PCR-12C-750 | PZA | 1 |
| | SUBESTACIÓN DE CFE TIPO POSTE MONOFÁSICA NORMA K | PZA | 12 |
| | RETENIDA SENCILLA DE ANCLA | PZA | 13 |
| | RETENIDA SENCILLA DE ANCLA (RETIRO) | PZA | 1 |
| | RETENIDA DE BANQUETA | PZA | 1 |
| | VARILLA DE TIERRA - 3MT | PZA | 18 |
| | POSTE DE CONCRETO 9M PARA BAJA TENSIÓN PCR-9-400 | PZA | 3 |
| | LINEA DE BAJA TENSION CABLE 2+1- 3/0 XLP 600V TRENSADO AEREO | MTS | 194 |
| | ACOMETIDA DE BAJA TENSION CABLE 2+1- 6 XLP 600V TRENSADO AEREO | PZA | 70 |
| | ACOMETIDA DE BAJA TENSION RETIRO | PZA | 1 |

CÓDIGO DE COLORES (CFE)

| | | | |
|---|---|---|---|
| | 10 | ROJO | INSTALAR |
| | 7 | NEGRO | EXISTENTE |
| | 82 | VERDE | RETIRADA |
| | 150 | AZUL | RELOCALIZAR |
| | 50 | AMARILLO | CONVERTIR |
| | 30 | NARANJA | DATOS DE REFERENCIA |

**LA COMISIÓN FEDERAL DE ELECTRICIDAD DIV. DE DISTRIBUCIÓN NOROESTE**

CERTIFICA HABER REVISADO Y AUTORIZADO EL PRESENTE PROYECTO DE ELECTRIFICACIÓN CON VIGENCIA DE 1 (UNO) AÑO A PARTIR DEL ________ DEL MES DE ____________________ DEL AÑO ______________.

**REVISO**

ING. HUGO ARNOLDO QUINTERO OCHOA
JEFE DE OFICINA DE PLANEACION

**Vo. Bo. PLANEACION**

ING. HUGO ARNOLDO QUINTERO OCHOA
JEFE DE OFICINA DE PLANEACION

**Vo. Bo. OPERACIÓN-MANTENIMIENTO**

MOISES CARMONA CARABEZ
JEFE DE DEPTO. DE OPERACIÓN -MANTENIMIENTO

**APROBÓ**

ING. OMAR ALEJANDRO SANTANA AYON
SUPERINTENDENTE DE ZONA

NOTA: CON ESTA APROBACION NO ESTA AUTORIZADO PARA CONSTRUIR.
LA OBRA PODRÁ EJECUTARSE HASTA QUE HAYA SIDO FORMALIZADO EL CONVENIO DE OBRA CORRESPONDIENTE.

# H. AYUNTAMIENTO DE CULIACAN

PLANO PROYECTO:

AMPLIACIÓN DE RED DE DISTRIBUCIÓN DE ENERGIA ELECTRICA , SECTOR AMPLIACION GUADALUPE EN LA LOCALIDAD EL TAMARINDO, SINDICATURA DE VILLA A. LOPEZ MATEOS, CULIACAN, SINALOA.

PRESIDENTE MUNICIPAL:
ARQ. JUAN DE DIOS GAMEZ MENDIVIL

SECRETARIA DE OBRAS Y SERVICIOS PUBLICOS:
ARQ. ARLETTE DIAZ LEON

DIRECTOR DE OBRAS PUBLICAS:
ING. RAUL CAMACHO VALDEZ

SECRETARIA DE DESARROLLO URBANO SUSTENTABLE:
ARQ. MIGUEL ANGEL AISPURO ESPINOZA

SECRETARIA DE BIENESTAR:
QFB ALINE KRISTABEL GUERRA GARCIA

FECHA:
MARZO DE 2023

AYUNTAMIENTO DE CULIACAN