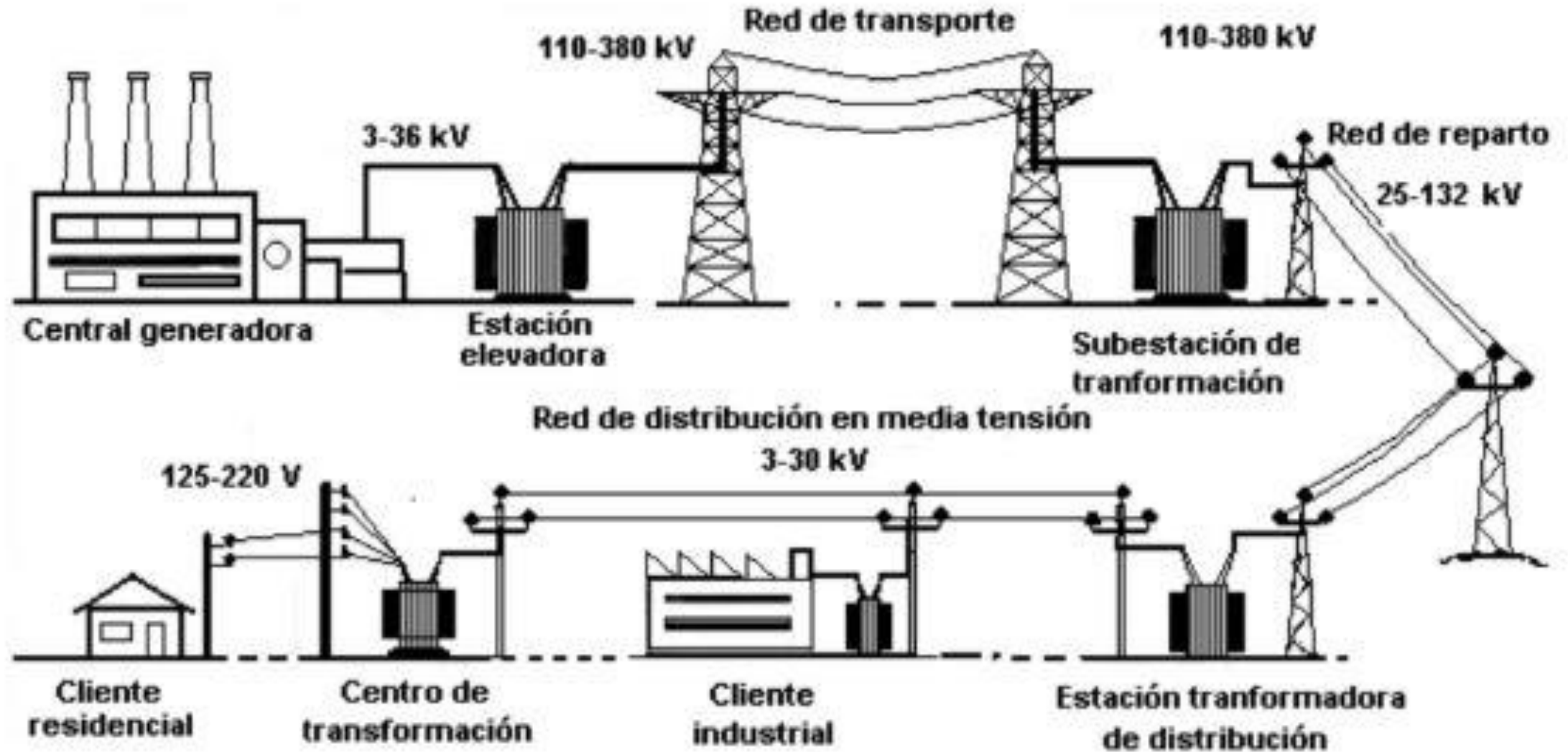


Componentes de un Sistema Eléctrico

Instalaciones Eléctricas

FIEC-ESPOL

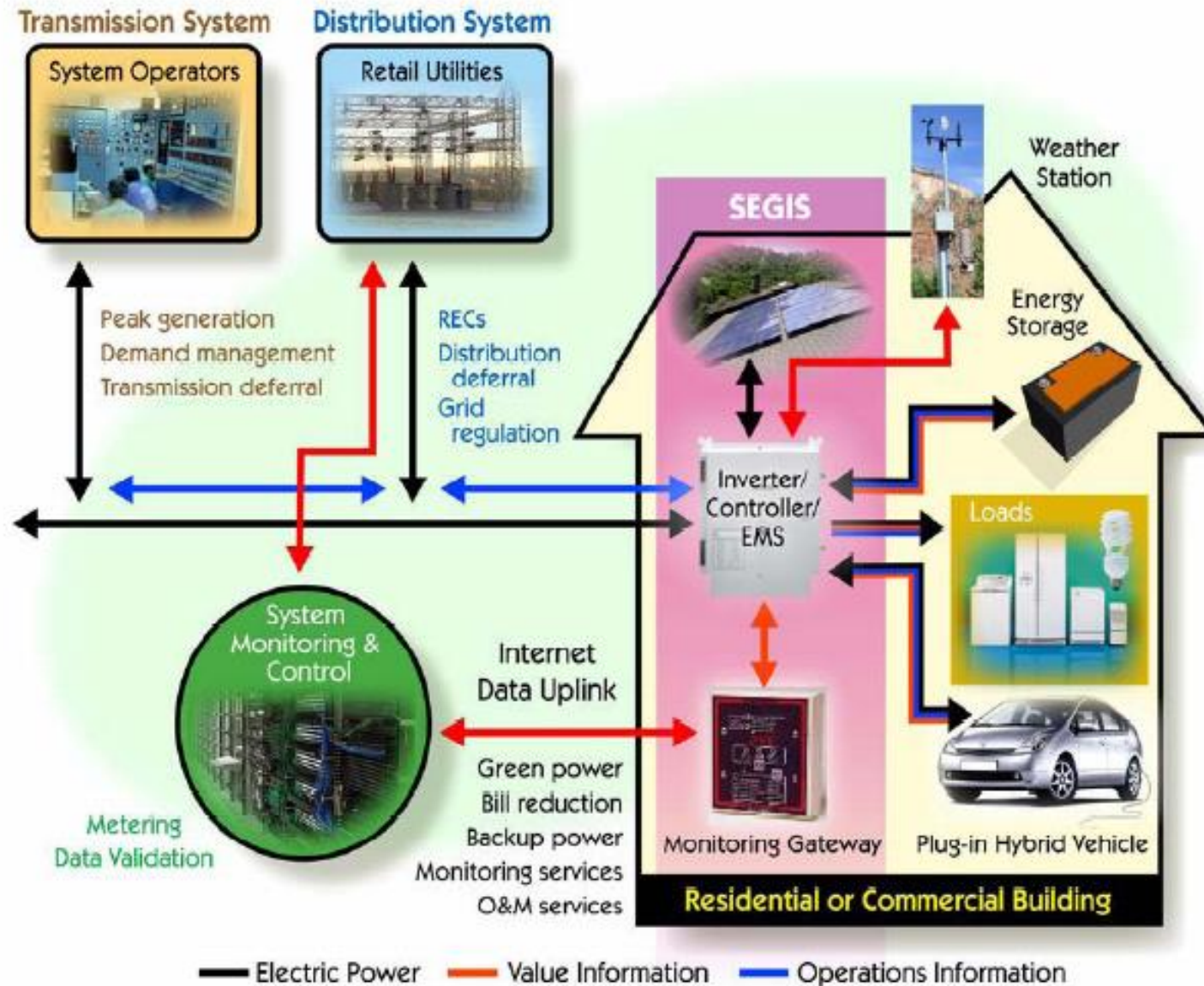
El Sistema Eléctrico



Smart Grid Concept [1]



Smart Grid Concept [2]



Central Hidroeléctrica Coca Codo Sinclair



Central Eólica Villonaco





Granja Solar Galápagos



Termoeléctrica Electroguayas



Torres de Transmisión Transelectric 138, 230, 500kV



Subestación Transelectric



Postes de Sub Transmisión 69KV



Subestación Distribución 69kV



Postes Distribución 7.97/13.8 kV





Postes

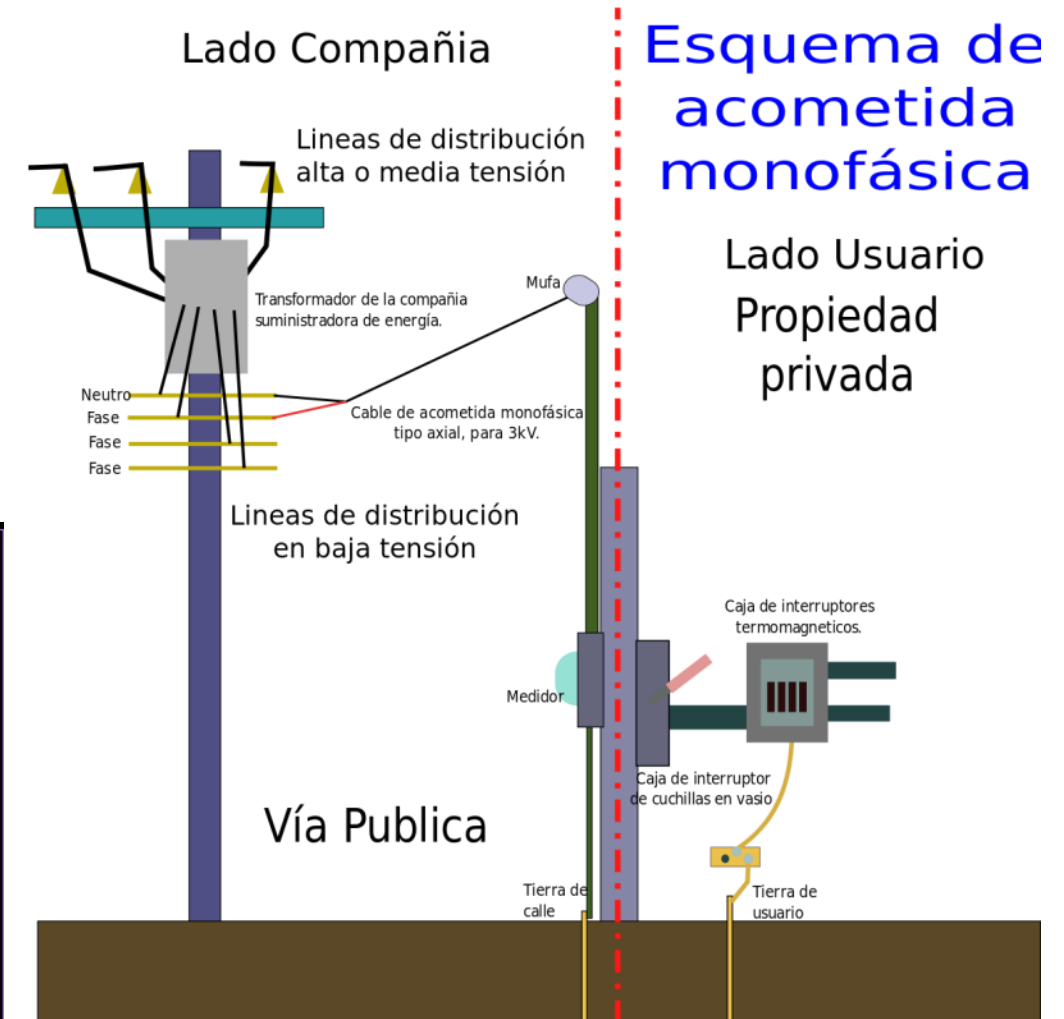
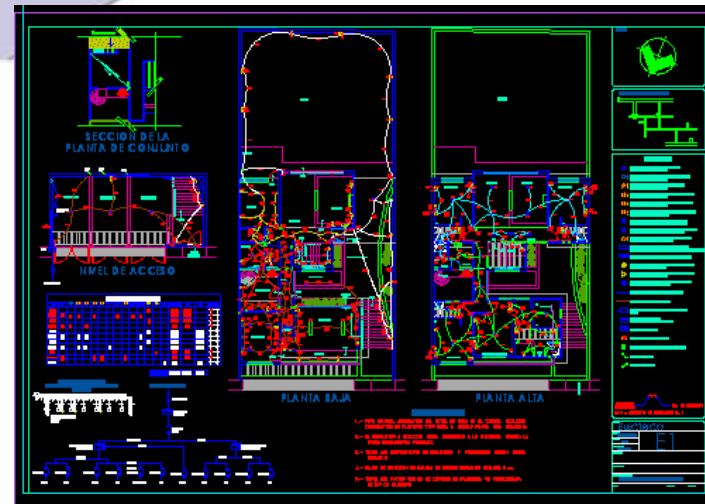
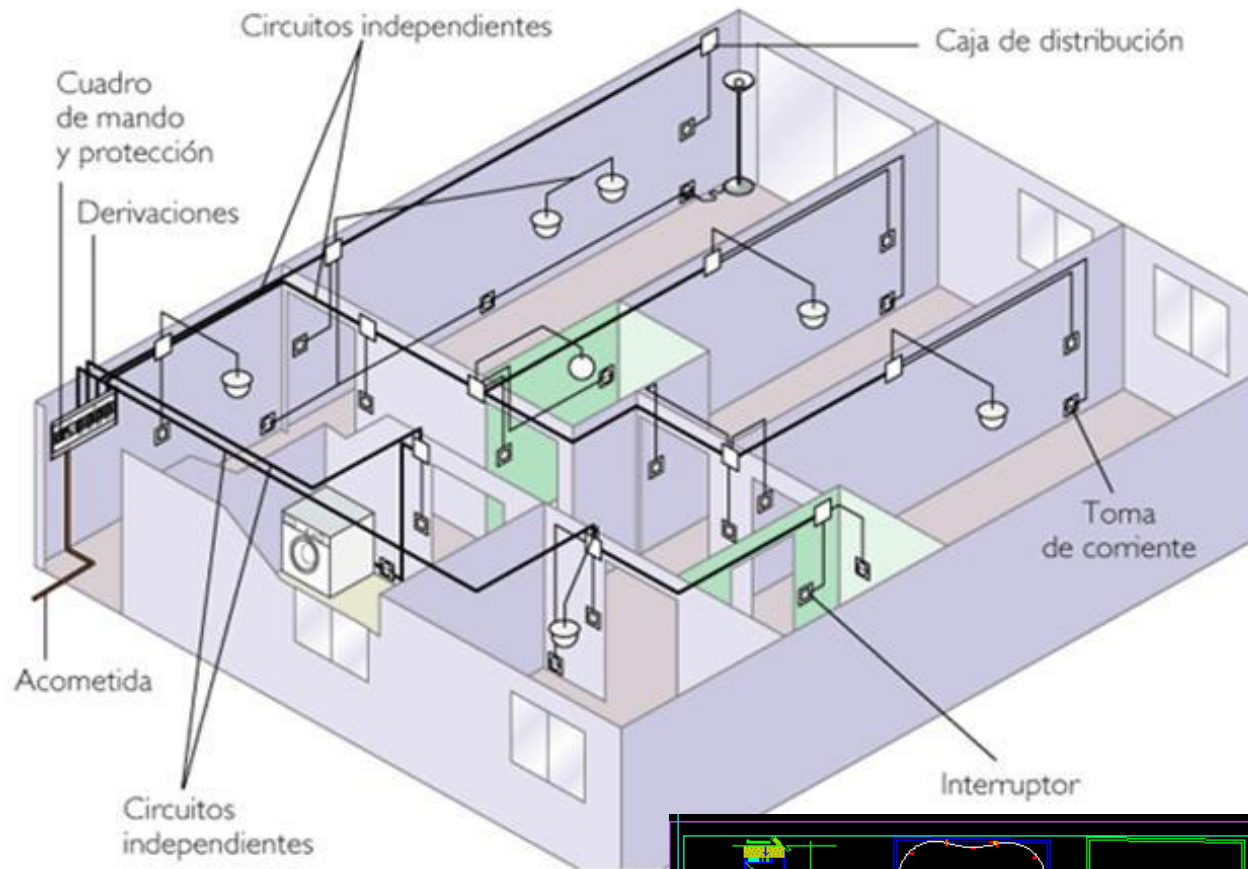
Distribución 110/220 V



Distribución Subterránea



Instalaciones Residenciales



Instalaciones Comerciales

LARGE BUILDING

BRANCH CIRCUITS
FEEDING FLOOR

BRANCH PANEL

TRANSFORMER

BUS / FEEDER

SWITCHGEAR

TRANSFORMER

METER
(Utility Owned,
Location Varies)

120 V

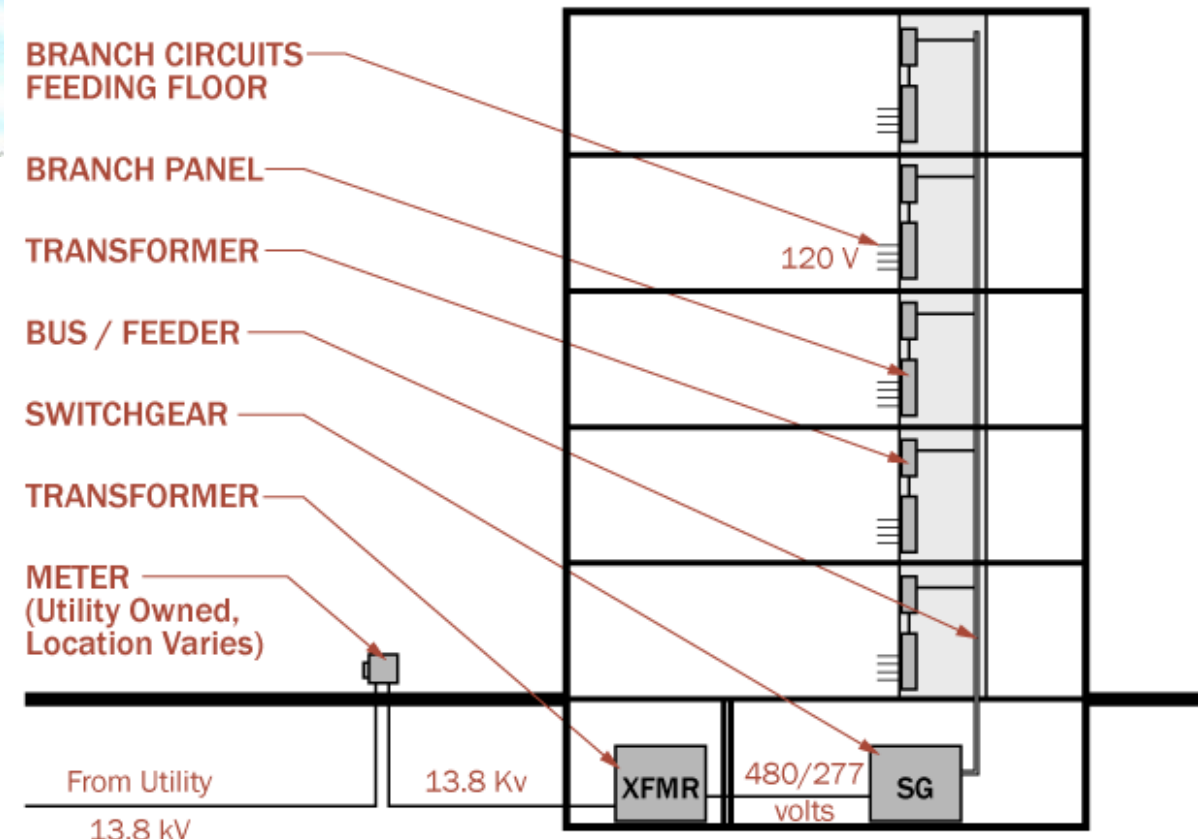
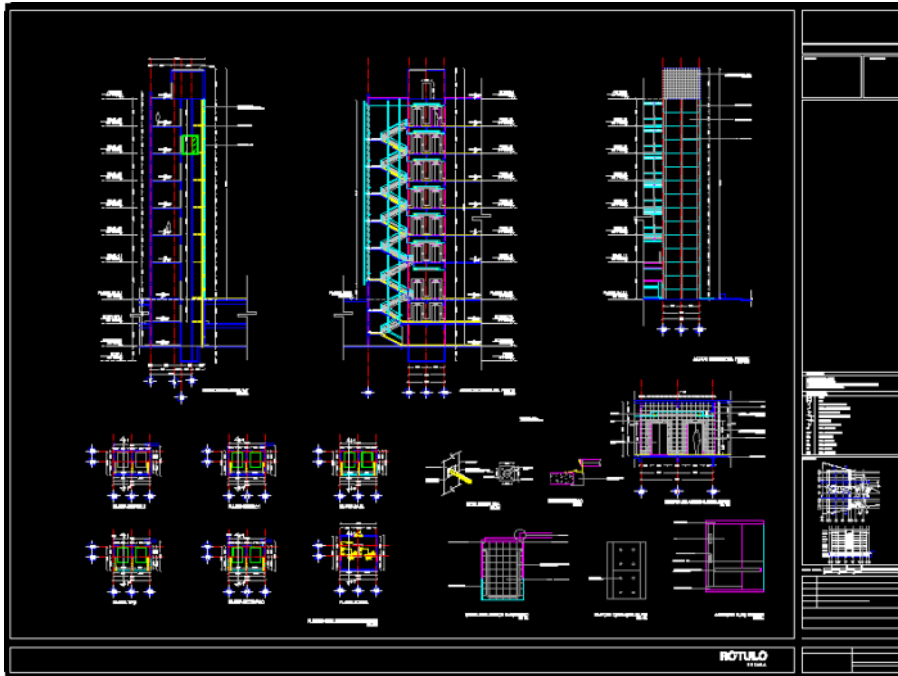
From Utility
13.8 kV

13.8 Kv

XFMR

480/277
volts

SG

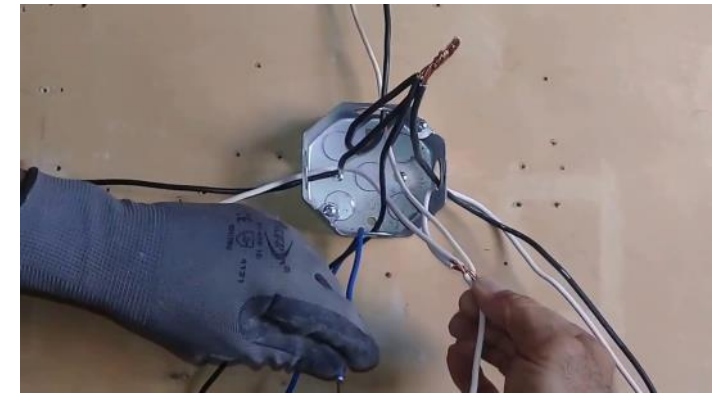
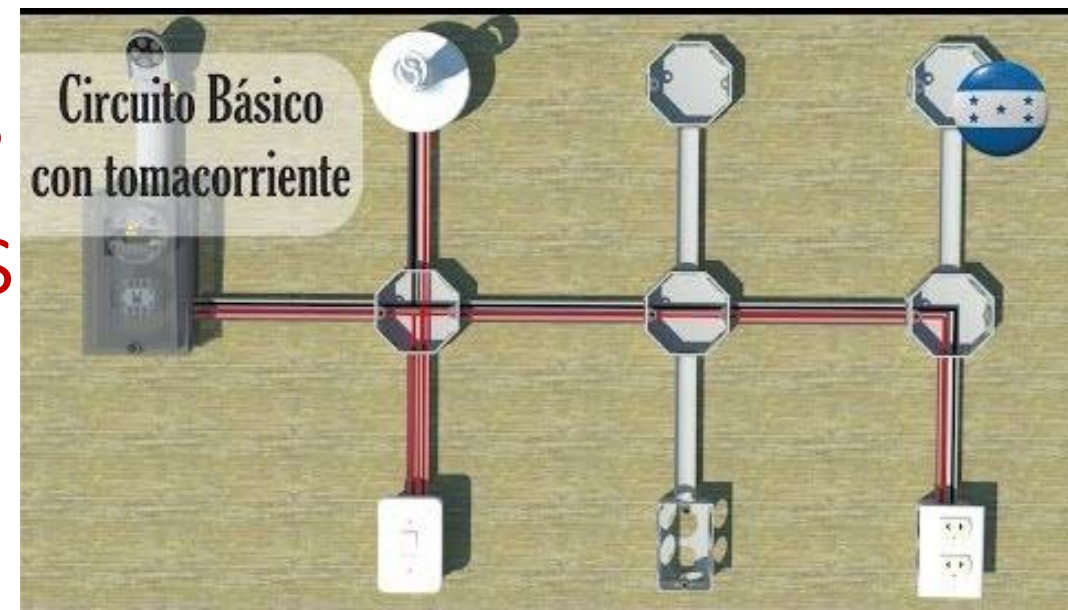




Instalación de Acometida y Medidor



Instalaciones Residenciales Internas



Instalaciones Industriales/Comerciales Internas





Puntos de Utilización con Acabados



Referencias

[1] www.nazeleno.cz

[2] www.sandia.gov