



Electric System Mapping Symbols - UG LOCATION

Facility or Item	Symbol & Annotation	Facility or Item	Symbol & Annotation
Distribution & Transmission Substations	SEE OVERHEAD SYMBOLS	Pull Box	PB
Poles, Pole Structures, Dusk to Dawn & Street Light Luminaidres	SEE OVERHEAD SYMBOLS	Communications Pull Box	PB CP-PAD*
Pole Riser	PR* (prim, only) Footage, SM	Pad Mounted Blade Disconnect Switch	S PAD* Amps BDS
69kv Pole Riser	PRT* Footage	Pad Mounted Blade Disconnect Switch Enclosure	S PAD* X.X.(Q) 3-Amps BDS OIL-M (Type If not AIR)
Abandonment (Symbol and annotation placed over abandoned facilities)	A	Pad Mounted Gang Operated Switch	S PAD* GOS
Primary Conductor & Route Information	Q	Pad Mounted Gang Operated Switch Enclosure	S PAD* X.X.(Q) Amps GOS VAC (Type If not AIR)
Foreign Owned Primary Conductor	OW	Pad Mounted 4-Way Gang Operated Switch	S4 PAD* 4-GOS
Secondary Conductor	Q-SM,WR (NQ,SM)	Pad Mounted Gang Operated Auto Throw Switch with Blades	S PAD* Amps ATS 3-Amps BDS
Customer or Foreign Owned Secondary Conductor	CO or OW	Pad Mounted Gang Operated Auto Throw Switch with Fuses	S PAD* Amps ATS 3-Amps
Service Conductor	Q-SM,WR(NQ,SM)	Pad Mounted Recloser	R PAD* R Amps
Customer or Foreign Owned Service Conductor	CO or OW	Pad Mounted Sectionalizer	SE PAD* S Amps
Street Light or Dusk to Dawn Conductor	Q-SM,WR(NQ,SM)	Pad Mounted Gang Operated Switch with Vacuum Interruptor	I PAD* 2-Amps GOS OIL 2-Amps VAC
Customer or Foreign Owned Street Light or Dusk to Dawn Conductor	CO or OW	Antenna for DDC Controlled Switch Steel Pole	Antenna PAD*
Transmission Conductor Route	69KV	Antenna for DDC Controlled Switch Wood Pole	Antenna PAD*
Communication Cable - Copper	PA-CS	Pad Mounted I-Phase Transformer	T PAD* KVA-SRP*-Phase VS
Communication Cable - Fiber Optic RFS 2785	FIBER,FC	Customer Owned Pad Mounted I-Phase Transformer	T PAD* SL* KVA or HP VS
Foreign Owned Communication Cable	OW	3-Phase Bank, Two I-Phase, Pad Mounted Transformers	T PAD* KVA-SRP*-Phase VS
Conductor Route Change Arrow	A	Customer Owned 3-Phase Bank, Two I-Phase, Pad Mounted Transformers	T PAD* OW SL* KVA or HP VS
Conduit Index	CI	3-Phase Bank, Three I-Phase, Pad Mounted Transformers	T PAD* KVA-SRP*-Phase VS
Conduit Sleeve with Electronic Marker	K	Customer Owned 3-Phase Bank, Three I-Phase, Pad Mounted Transformers	T PAD* OW SL* KVA or HP VS
Service Conduit	K	3-Phase Pad Mounted Radial Fed or Loop Thru Transformer	T PAD* KVA-SRP*
Encased Service Conduit	KE	Customer owned 3-Phase Pad Mounted Transformer	T PAD* OW SL* KVA or HP VS
Conduit Elbow	K	I-Phase Doghouse	D PAD* DH KVA-SRP*-Phase VS
Conduit Change	K	3-Phase Doghouse	D PAD* DH KVA-SRP*
Casing	CAS,MAT-CASING	Sale/Lease Back Line	Back Line
Pad Mounted Capacitor Bank	C PAD* CB* KVAR(*)		
Future Pad Mounted Capacitor Bank	C PAD* FUTURE		
Three Phase Pulling Enclosure	P3 PAD*		
Single Phase Pulling Enclosure	P PAD*		
Pulling Enclosure for Future Transformer	PT PAD*		
Pad Mounted Fuse	F PAD*		
Junction Box	J		
Customer Owned Junction Box	J		
Manhole	M MH-PAD* SHP		
Transmission Manhole	M MH-PAD* SHP		
Communications Manhole	M CM-PAD* SHP		
Customer Owned Manhole	M CO SHP		
Meter Pedestal	M		
Mole Assembly	M		
Vault	V BV- or V-PAD*		
Secondary T-Tap	T		
Pad Mounted Primary Meter	M PAD* SL* KVA or HP		
Pad Mounted I-Phase Primary Tap	T PAD*		
Pad Mounted 2-Phase Primary Tap	T2 PAD*		
Pad Mounted 3-Phase Primary Tap	T3 PAD*		

Index to Symbol Annotation

Amps = Current Rating in Amperes
A* = Number of Abandoned Conduit
CAS = Casing Size
CB* = Capacitor Bank Number
(*)C = Controlled, Current
F = Fixed
PF = Controlled, Power Factor
RC = Controlled, Remote
TP = Controlled, Temperature
TM = Controlled, Time
V = Controlled, Voltage
CI = Conduit Index (SM, MAT-EN-color-banked)
CO = Customer Owned
CS = Cable Size if other than 22
D* = Number of Duets
EN = Encasing Type
FC = Fiber Count
HP = Horse Power
kVA = Electric Load Rating
KVAR = Kilovolt Ampere Reactive
MAT = Material Type
OW = Owner's Initials
NI = Neutral Indicator
NQ = Neutral Wire Quantity
P = Primary Index Q-SM+NQ-SM(NI)
PA = Number of Pairs if other than 25
PAD* = Pad Number
AP = Antenna Pole
P = Transformer
PD = Dead Front Pad
PDC = DDC Controlled Switch
PDI or PRI = DDC Controlled Switch - VFI Application
PDP = Pulling Enclosure
PDS or PRS = S&C Remote Control 'Smart' Switch
PDT = Primary Tap
PE = Live Front Pad
PEA = Live Front Autothrow
PM = Primary Meter
PR* = Primary Pole Riser Number
Secondary Pole Risers have no Number
Q = Quantity
S* = Number of Spare Duets
SHP = Manhole Shape
SL* = SRP Source Load Number
SM = Size & Material Codes
VS = Secondary Voltage
WR = Number of Wire Runs if other than 1

SRP makes no representation as to the accuracy of this mapping product nor as to its fitness for a particular purpose.