



GENERAL CONDITION NOTES:

METER BASE SHALL BE INSTALLED OUTSIDE THE BUILDING WALL NEAREST TO APCO SERVICE FACILITIES OR AT A LOCATION DESIGNATED BY AN APCO REPRESENTATIVE. LOCATION MUST BE EASILY ACCESSIBLE AND OUT OF THE WAY OF PEDESTRIAN AND VEHICULAR TRAFFIC.

JACKETED SEU ENTRANCE CABLE SHALL BE USED FOR NON-PIPE MAST INSTALLATIONS. SINGLE RATED CABLE SHALL NOT BE USED.

PER 2020 NEC - 230.85, DISCONNECTS SHALL BE REQUIRED FOR SINGLE AND TWO-FAMILY DWELLING UNITS. IF MORE THAN ONE DISCONNECT IS PROVIDED, THEY SHALL BE GROUPED. FOUR WIRE TRIPLE RATED ENTRANCE CONDUCTORS SHALL BE INSTALLED BETWEEN THE DISCONNECT AND THE MAIN PANEL. CONDUIT IS REQUIRED FOR THE ENTIRE RUN AND MUST BE SECURELY FASTENED TO THE UNDERSIDE OF THE HOME.

THE COMPANY WILL BE RESPONSIBLE FOR:

- (a) DESIGNATING THE LOCATION OF THE SERVICE MAST AND THE METER.
- (b) PROVIDING AND INSTALLING THE OVERHEAD SERVICE DROP. THE SERVICE DROP TENSION IS TO BE LIMITED TO 500 LBS. UNDER LOADED CONDITIONS.
- (c) PROVIDING THE METER BASE TO THE CUSTOMER WHERE REQUIRED.
- (d) INSTALLING AND REMOVING THE METER.

THE CUSTOMER WILL BE RESPONSIBLE FOR:

- (a) PROVIDING AND INSTALLING THE WEATHER HEAD, SERVICE MAST, ROOF FLASHING, BUILDING PLATE ATTACHMENT, BUILDING ATTACHMENTS AND SERVICE ENTRANCE CONDUCTORS. SERVICE ENTRANCE CONDUCTORS SHALL PROJECT FROM WEATHERHEAD A MINIMUM OF 24 INCHES.
- (b) PROVIDING A MAST SUPPORT STRONG ENOUGH TO WITHSTAND THE STRAIN IMPOSED BY THE SERVICE DROP. FOR MAST INSTALLATIONS BELOW THE ROOF, A WIRE HOLDER SHALL BE PROPERLY SECURED TO THE BUILDING FRAMING.
- (c) PROVIDING AND INSTALLING THE GROUND ROD, GROUND CLAMP AND GROUND WIRE.
- (d) PROVIDING, INSTALLING AND MAKING METER CONNECTIONS FOR THE SERVICE ENTRANCE CONDUCTORS OR CABLE. SERVICE ENTRANCE CONDUCTORS.
- (e) SECURELY MOUNT THE METER BASE IN A PLUMB POSITION.

GENERAL CONSTRUCTION NOTES:

1. FOR INSTALLATIONS ABOVE ROOF, MAST SHALL BE GALVANIZED RIGID CONDUIT OR IMC. MINIMUM 2" FOR SERVICES UP TO 200 AMPS AND 3" FOR 320 AMPS. ONLY POWER SERVICE CONDUCTORS ARE ALLOWED TO CONTACT THE SERVICE MAST, NEC (230-28).
2. MINIMUM HEIGHT OF 18", MAXIMUM HEIGHT OF 36" WITHOUT GUYING.
3. CUSTOMER GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE. THE GROUND WIRE MUST NOT BE CONNECTED OR PASS THROUGH THE METER SOCKET. SHALL HAVE A MINIMUM OF 2 - 5/8" x 8" COPPER CLAD GROUND RODS AT LEAST 6' APART. MINIMUM #4 CU GROUND WIRE MUST BE CONTINUOUS THROUGH AND TO THE SECOND GROUND ROD. ON EXISTING INSTALLATIONS, THE SECOND GROUND ROD CAN BE ADDED WITHOUT EXISTING GROUNDING CONDUCTOR AS LONG AS IT IS PROPERLY BONDED TO THE FIRST ROD. CLAMPS SHALL BE UL APPROVED
4. FOR NEW AND ALTERED INSTALLATIONS AN INTERSYSTEM BONDING TERMINATION SHALL BE PROVIDED EXTERNALLY TO ENCLOSURES AT THE SERVICE EQUIPMENT. A METER BOX GROUND CLAMP IS NOT PERMITTED.
5. PER 2020 NEC, FOR ONE AND TWO FAMILY DWELLING UNITS, ALL SERVICE CONDUCTORS SHALL TERMINATE IN DISCONNECTING MEANS INSTALLED IN A READILY ACCESSIBLE OUTDOOR LOCATION. FOUR WIRE TRIPLE RATED ENTRANCE CONDUCTORS SHALL BE INSTALLED BETWEEN THE DISCONNECT AND THE MAIN PANEL. SERVICE DISCONNECTS SHALL BE MARKED AS FOLLOWS: "EMERGENCY DISCONNECT - SERVICE DISCONNECT".

**INSTALLATION REQUIREMENTS FOR TYPICAL
320 AMP OR LESS OVERHEAD SERVICE
FIGURE 6**