

## **CITY OF VERO BEACH SPECIFICATION**

### **REQUIREMENTS FOR CITY INSTALLED RESIDENTIAL UNDERGROUND SERVICE CABLE**

#### **1.0 General:**

1.1 This program is voluntary and the customer may choose to participate or not.

1.2 This program applies only to residential electric services as indicated below (3.0) and covers single-phase 120/240-volt services only. This program does not cover other service voltages.

1.3 The purpose of these requirements is to inform the customer what the City will do and what the customer responsibilities will be.

1.4 The City may decline the electric service installation and refund the customers money; if the City determines that the installation is not in the City's best interest or fails to comply with the City's requirements.

#### **2.0 Ownership:**

2.1 Electric services installed by the City will be part of the City's electric distribution system and owned by the City.

2.2 Maintenance and repair of these services will be the responsibility of the City.

2.3 The cost to repair damages caused by others will be billed to the responsible party.

2.4 Requests by the customer to relocate services, if acceptable to the City, will be at the customer's expense.

#### **3.0 Availability:**

3.1 Upon application and payment of applicable charges, the City will provide and install an underground service to the following types of freestanding residences:

3.1(1) Single family residences up to 400 amperes.

3.1(2) Duplex residences up to 200 amperes each unit, not to exceed 400 amperes total load for the building.

3.1(3) Triplex residences not to exceed 400 amperes total load for the building.

3.2 The City's underground service for the above residences will be restricted to one cable per building to a single location on the building.

3.3 The City's Electrical Engineering Department must approve the meter location. Meter can shall not be more than 10 feet from closest point of attachment. Verify with Electrical Engineering at (772) 978-5460 for meter can location.

3.4 Freestanding will mean, a building that has no physical attachment to another building.

#### **4.0 Application for Service:**

4.1 Customers wishing to apply to the City for the installation of underground electric service must first complete an application at the City's Customer Service Department located at 1053 20<sup>th</sup> Place, phone number (772) 978-5100.

4.2 Upon receipt of the customers paid application, the City's Electrical Engineering Department will arrange for the installation of the underground electric service.

#### **5.0 New Residence - \$375.00 Fee**

5.1 The location of the meter or meters on a building shall be determined by the City's Electrical Engineering Department. **The customer, prior to the pouring of foundations or slab, should obtain a meter location by contacting the City's Electrical Engineering Department at (772) 978-5460.**

5.2 The customer will be responsible for the installation of the meter base and the associated riser conduit as shown on the attached City of Vero Beach drawing number 901 "Service Entrance Requirements for City Installed Service Cable". The service riser will be sized as specified be the City.

5.3 The City will install the conduit from the City's service point to the customer's service riser and install the cable. The City will use trenching equipment to install conduit. **The City is not liable for driveways, sod, irrigation pipes, or other obstructions along the trenching route.** Service cables will not be installed through septic drain fields; care should be taken in locating the drain field away from the service cable route.

5.4 The customer will notify the City's Electrical Engineering Department when the meter base and conduit riser is ready for inspection, a 48-hour notice is required. After inspection the City will schedule the cable and conduit installation. Two weeks must be allowed for this installation. The City reserves the right to reschedule the installation due to weather or emergencies beyond its control.

5.5 In addition to completing this application for City Installed Residential Underground Service for a new residence, prior to energizing the electric service **the customer must also make application, pay fees, and pay deposits, for New Electric Service at the City's Customer Service Department.**

#### **6.0 Existing Residence - \$225.00 Fee**

6.1 The customer will be required to meet with a representative of the City's Electrical Engineering Department for an on-site inspection to determine the feasibility of the installation, cable routing, meter location, and any unusual conditions that may exist.

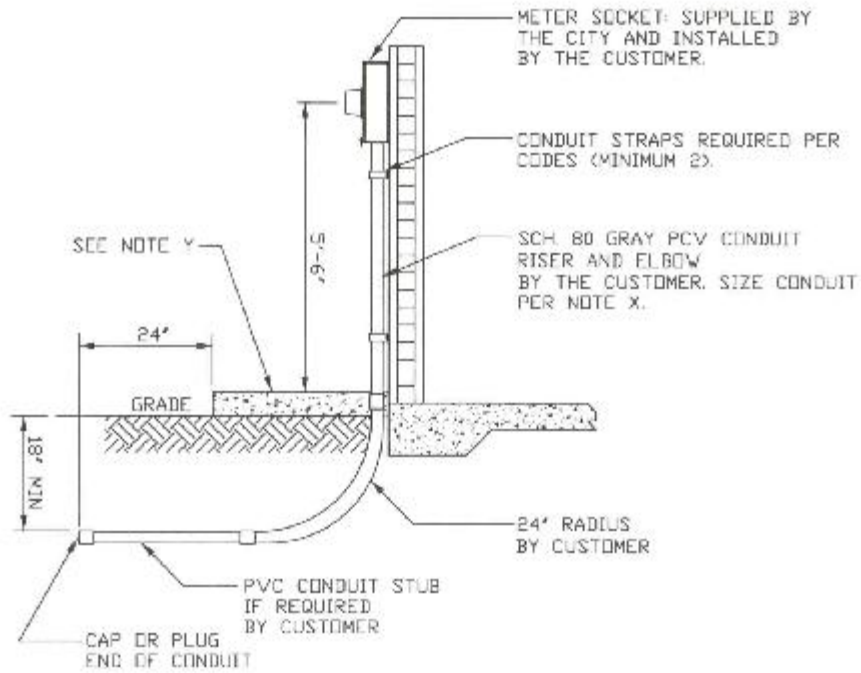
6.2 The customer will be responsible for the installation of the meter base and riser conduit as shown on the attached City of Vero Beach's drawing number 901 "Service Entrance Requirements for City Installed Service Cable".

6.3 The customer will be required to provide and install conduit from the City's electric service point to the meter base riser conduit. The conduit will be routed and sized as specified by the Electrical Engineering Department. The customer will provide all trenching and backfill for the conduit. The conduit must have a minimum cover of 18 inches.

6.4 The conduit must be inspected prior to backfilling. Call (772) 978-5460 for inspection, a 48-hour notice is required. The trench will be backfilled, as soon as possible, upon the completion of the conduit inspection.

6.5 In addition to completing this application for City Installed Residential Underground Service for an existing residence, prior to the electric service being energized **the customer must make application for a Service Change at the City's Customer Service Department.**

**SPEC 67  
UG SERVICE**



NOTE X: IF SERVICE IS OVER 200 AMP OR OVER 150', INSTALL 3" GRAY SCH. 40 PVC ELSE 2". ANYTHING ABOVE GROUND SHOULD BE GRAY SCH. 80 PVC CONDUIT.

NOTE Y: CUSTOMER'S CONDUIT MUST EXTEND AT LEAST 24" BEYOND ANY PERMANENT STRUCTURE, SUCH AS A SIDEWALK OR PATIO.

CITY OF VERO BEACH - MUNICIPAL ELECTRIC SYSTEM