

- 5.26 The City of Newark will supply only one service lateral per lot.
- 5.27 A distance of a minimum of 24” shall be maintained between the meter and any gas piping.

5.3 TEMPORARY SERVICE

- 5.31 If a customer requires temporary service, refer to section 4, Temporary Service Requirements for installation requirements.

5.4 PERMANENT SERVICE

- 5.41 To energize permanent service, refer to Section 6.6.

5.5 ADDITIONAL METER REQUIREMENTS

- 5.51 Ringless meter sockets shall be required.
- 5.52 Use 4 jaw sockets for 120/240 volt, 3 wire service, 200 amps or smaller.
- 5.53 Use 5 jaw sockets for 120/208 volts, 3 wire service, 200 amps or smaller (see figure 11).
- 5.54 A **rigid galvanized steel or schedule 80 PVC riser** strapped to the wall and installed eighteen (18) inches below grade with a **plastic bushing** is required.
- 5.55 A **bonding bushing** shall be required in the meter box.
- 5.56 A distance of a minimum of 24” shall be maintained between the meter and any gas piping.
- 5.6 EASEMENTS
- 5.61 Easements may be required to install City facilities. All easements shall be shown on development prints.

6. RESIDENTIAL SERVICE REQUIREMENTS

6.1 PLANNING

- 6.11 Before work can begin for a new residential service a City of Newark service and meter location form (See figure 1) shall be filed describing completely as possible the equipment to be served and the size of the load to be supplied so that adequate capacity may be provided. **Before proceeding with any wiring, the point of delivery and meter location shall be determined by a City of Newark**

representative. Site and design plans may be required depending on circumstances.

6.2 POINT OF DELIVERY

- 6.21 The City of Newark will designate in writing, upon request, a satisfactory point of delivery where the customer shall terminate wiring and facilities for connection to the supply lines of the City of Newark. The failure to request and obtain such location may result in refusal of service pending reconfiguration of the customer's facilities. However, the designation of a point of delivery does not constitute an agreement or obligation on the part of the City of Newark to furnish service.

6.3 EASEMENTS

- 6.31 Easements may be required to install City owned facilities.

6.4 INSTALLATION

- 6.41 All new wiring and equipment shall be installed in accordance with the latest edition of the National Electric Code and the City's requirements in order to be approved for connection.

6.5 INSPECTION AGENCY APPROVAL

- 6.51 The City will connect its distribution system only after receipt by the City of a notice of approval issued by a duly recognized inspection agency. In order to receive an inspection the customer shall have a valid City of Newark Building Permit.

6.6 SERVICE ENERGIZING

- 6.61 The City of Newark Electric Department will set the meter and energize the service after the customer meets all electric service requirements including:
1. Paying all connection fees
 2. Paying a meter deposit
 3. Receiving a notice of approval from a duly recognized inspection agency
 4. Applying for a service for billing purposes with the City of Newark Customer Service Department

6.7 METERS

- 6.71 Ringless meter sockets shall be required.
- 6.72 Use 4 jaw sockets for 120/240 volts, 3 wire service, 200 amps or smaller.

- 6.73 Use 5 jaw sockets for 120/208 volts, 3 wire service, 200 amps or smaller. (See figure 11).
- 6.74 A **rigid galvanized steel riser or a schedule 80 PVC conduit riser** strapped to the wall and installed eighteen (18) inches below grade with a **plastic bushing** is required (See figure 5).
- 6.75 A **bonding bushing** is required in the meter box if rigid galvanized steel is used.
- 6.76 Meter box shall be installed at a height of five (5) feet to the center of the box from final grade within five (5) feet of the front corner of the dwelling unless notified otherwise by a City representative. (See figure 5 and figure 14).
- 6.77 The meter shall be accessible to City representatives at all times and cannot be in an area that is enclosed.

6.8 AERIAL OR UNDERGROUND SERVICE

- 6.81 The City of Newark will determine if a new single family home not in an existing underground subdivision will be served with an aerial or underground service.

6.9 AERIAL SERVICE

- 6.91 The City will install aerial conductors for 120/240 volts or 120/208 volt single phase service up to a maximum of 100 feet depending on location. The customer may be required to install a mast and guy to maintain proper clearances above ground. (See figure 6).
- 6.92 Aerial service drop conductors shall not cross over property owned by others.
- 6.93 The aerial service drop shall have a clearance of three (3) feet from any building exit, window, door or other opening.
- 6.94 The customer shall install a suitable point of attachment at a location approved by the City of Newark.
- 6.95 The service entrance conductor shall have a weatherhead installed higher than the point of attachment and within twenty-four (24) inches of the point of attachment.
- 6.96 Allow a minimum of thirty-six (36) inches of conductors outside of the weatherhead for connection to the service drop.

6.10 UNDERGROUND SERVICE

- 6.101 **Before digging contact Miss Utility of Delmarva at 1-800-282-8555 for utility markouts.** If digging in the public right of way contact the City of Newark Public Works Department to obtain a permit.
- 6.102 The customer shall install conduit and adequately sized underground secondary conductors a minimum of thirty (30) inches deep. (See figure 8). A rigid galvanized steel or schedule 80 PVC elbow and ten (10) feet of rigid galvanized steel or schedule 80 PVC conduit is required at the service pole. The rigid steel galvanized conduit shall be bonded to a pole ground with a conduit ground clamp. The remainder of the conduit may be PVC schedule 40. Customer shall furnish this PVC conduit and standoffs to the City for installation by City crews if existing energized conductors are located on the service pole. Customer is responsible for PVC conduit and standoff installation if no existing energized conductors are located on the pole.
- 6.103 All conduits shall be stood off pole a minimum of one and five eighths (1 5/8) inches.
- 6.104 The customer shall provide a 5/8 x 10' copper clad ground rod at the pole if none exists.
- 6.105 Adequate secondary cable shall be installed to make connections to the City distribution system.
- 6.106 The customer shall supply approved connectors for attachment to the City distribution system. (See figure 13).

7. COMMERCIAL PRIMARY SERVICE REQUIREMENTS

7.1 PLANNING

- 7.11 Before work can begin for a new commercial primary service, a City of Newark service and meter location form (See figure 1) shall be filed describing completely as possible the equipment to be served and the **size of the load** to be supplied so that adequate capacity may be provided. **Before proceeding with any wiring, the point of delivery and meter location shall be determined by a City of Newark representative.** Site and design plans are required including a single line diagram, switchgear specifications, other service equipment and proposed locations of all equipment.

7.2 POINT OF DELIVERY

- 7.21 The City of Newark will designate in writing, upon request, a satisfactory point of delivery where the customer shall terminate wiring and facilities for connection to