

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.

3.3 NATIONAL ELECTRIC CODE

- 3.31 All new wiring and equipment, or changes in 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.

3.4 INSPECTION AGENCY APPROVAL AND METER DEPOSIT

- 3.41 The City will connect its distribution system to the new or changed facilities of a customer only after receipt by the City of a notice of approval, issued by a duly recognized inspection agency, and also receipt by the City of a meter deposit from the customer. In order to receive an inspection, the customer shall have a valid City of Newark Building Permit. Whenever a service has been disconnected for a year or more, or in cases where the City suspects or believes that the wiring may have been modified, an inspection will be required before service will be reconnected.

3.5 DEFECTIVE OR UNSATISFACTORY INSTALLATIONS

- 3.51 The City may refuse to connect if, in its judgement, the customer's installation is defective, does not comply with reasonable requirements necessary for safety, or is in violation of the City's standard requirements. The City may also refuse to connect if, in its judgement, the Customer's equipment, or use thereof, might adversely affect the equipment of the City, or the City's service to other customers.

4. TEMPORARY ELECTRIC SERVICE REQUIREMENTS

- 4.01 Temporary electric service may not be used for permanent service or be connected for more than one year.
- 4.02 Temporary service will be supplied only when and where the City of Newark has facilities available without detriment to the service to existing customers.

4.1 PLANNING AND DESIGN

- 4.11 Before work can begin for a temporary service, a City of Newark service and meter location form (See figure 1) shall be filed describing as completely as possible the equipment to be served and the size of the load to be supplied so that adequate capacity may be provided. Standard size for temporary service is typically single-phase 100 amp or less.

- 4.12 The City of Newark will verify the feasibility of any temporary service and verify the temporary service location.

4.2 FEES

- 4.21 To determine appropriate connection fees for installing a temporary service contact the City of Newark Electric Department at 302-366-7050.
- 4.22 To determine the appropriate meter deposit fee contact the City of Newark Customer Service Department at 302-366-7085.

4.3 INSTALLATION

- 4.31 The customer shall meet all requirements of the latest edition of the National Electric Code.

4.4 INSPECTION AGENCY APPROVAL

- 4.41 The City will connect its distribution system to a temporary service 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 Department Permit.

4.5 SERVICE ENERGIZING

- 4.51 The City of Newark Electric Department will set the meter and energize the service after the customer meets all temporary 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

4.6 SPECIFICATIONS

4.7 OVERHEAD

- 4.71 All service pole locations shall be established by the City of Newark and are erected by the customer.
- 4.72 Service poles for use when the City's aerial service wires will cross a public street or highway shall be a preservative treated pole class 6 or larger (minimum diameter 5.4" at the top).

- 4.73 Service poles for use when the City's aerial service wires will not cross a public street or highway may be either a treated pole or minimum 6" x 6" rectangular timber.
- 4.74 Installation of poles shall allow for a minimum length pole or timber that is long enough when set to the proper depth so as to provide all required clearances after taking into account aerial conductor sag. (See figure 2).
- 4.75 The City of Newark will determine whether the temporary service pole will require guying or bracing. Push braces shall be a minimum of 2" x 4" attached to the pole or timber at a minimum height of 10'. Ground stakes shall be a minimum of 2" x 4".
- 4.76 Maximum span of 120/240 volt aerial conductors shall be 100ft.
- 4.77 If the City cannot access a service pole with an aerial truck the contractor shall install sufficient aerial triplex (#2 AWG ACSR) to reach the ground from the point of attachment.

4.8 UNDERGROUND

- 4.81 **Before digging customers or contractors shall call "MISS UTILITY" at 1-800-282-8555 for markouts of underground utilities. Upon request, customers or contractors may be required to provide evidence that Miss Utility has been contacted and has marked or cleared the site of proposed construction.** If digging in the public right of way contact the City of Newark Public Works Department to obtain a permit.
- 4.82 All service support locations shall be established by the City of Newark and are erected by the customer.
- 4.83 The service support shall be a minimum of 4" x 6" timber or 2" x 12" board installed at a minimum of 30" in the ground and a minimum of five (5) feet from the City owned transformer or pedestal. (See figure 2).
- 4.84 The underground cable shall be a minimum size of #2 AWG aluminum, 600 volt rated and approved for direct burial. The cable shall be of sufficient length to reach the terminals in the City's transformer or pedestal. The cable trench shall be dug to within one (1) foot of the City's transformer or pedestal.

4.9 METER SOCKETS FOR TEMPORARY SERVICES

- 4.91 120/240 volt single phase three wire loads - 4 jaw Class 200 meter socket.
- 4.92 120/208 volt three wire load - 5 jaw Class 200 meter socket. (See figure 11).

- 4.93 For three phase temporary metering requirements, contact the City of Newark Electric Department.

5. NEW RESIDENTIAL SUBDIVISION SERVICE REQUIREMENTS

- 5.01 After final construction improvement plan approval from the City Public Works Department, an electronic disk containing final subdivision drawings shall be submitted to the City of Newark Electric Department.
- 5.02 After submission of final subdivision drawings, the Electric Department will then design the final underground distribution for the development including the location of transformers, pedestals, underground cable and meter box locations. Streetlight locations will be provided only if the streets are deeded over to the City.
- 5.03 Electric Department easement requirements submitted during the construction improvement approval process shall be granted and shown on final development plans.
- 5.04 Final distribution plans will be forwarded to the City Water Department, the Gas Company, the CATV Company and the Telephone Company for their requirements.
- 5.05 The developer will be required to coordinate all utility service installations including contacting the City Water Department, the Cable Company, the Gas Company and the Telephone Company.
- 5.06 The developer shall install road-crossing conduits for all utilities. The City Electric Department will supply schedule 40 electric conduit for its primary and secondary crossings to the developer. Conduits shall be installed from back edge of sidewalk to back edge of sidewalk at a minimum depth of 40". **Primary cable and secondary cable crossings require separate conduits.**
- 5.07 The developer is responsible for all trenching and backfilling for Electric, Telephone and CATV cables. Electric, Telephone and CATV cables shall be installed in the same trench. The developer may trench only after receiving approval from the City of Newark Electric Department and installation of curbs is completed. The developer is required to clean any trenches to the City of Newark requirements.

5.1 TRENCH REQUIREMENTS

- 5.11 Trenches shall be 40" deep. 36" wide. Main line trench shall normally be dug behind the sidewalk. Trench to be backfilled with select material or sand. Fill material shall be verified and approved at a site pre-construction meeting. (see figure 17)