

8 Multiple Family Service

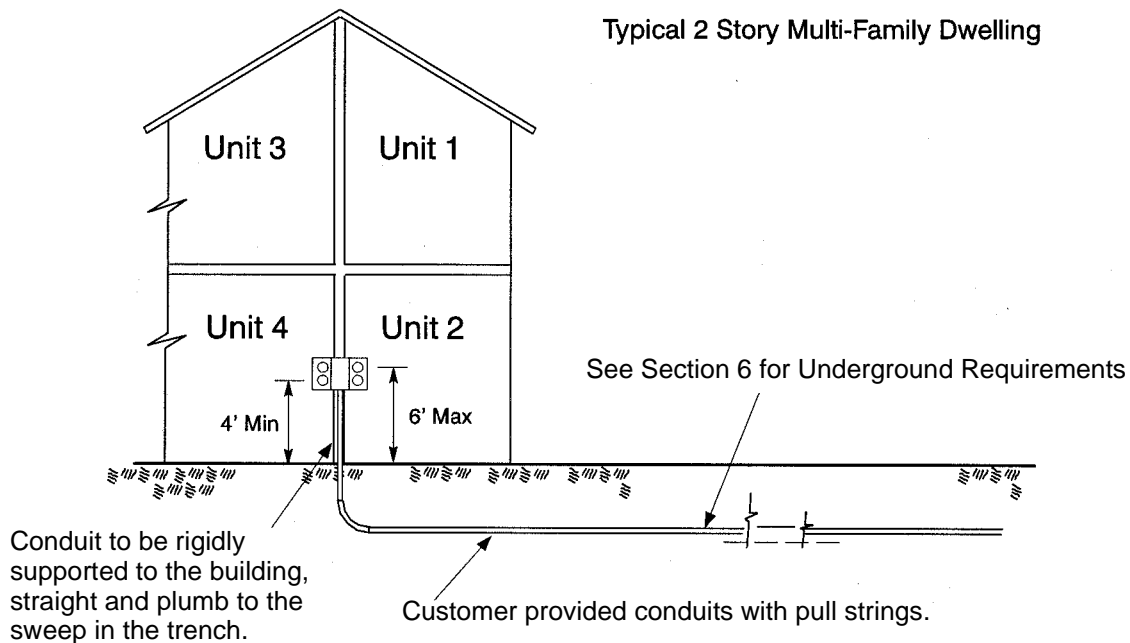
8.1 Grouping Service Entrances

PGE requires grouping of service entrances at a common point for multi-family units such as duplexes or apartments.

8.2 Underground Service

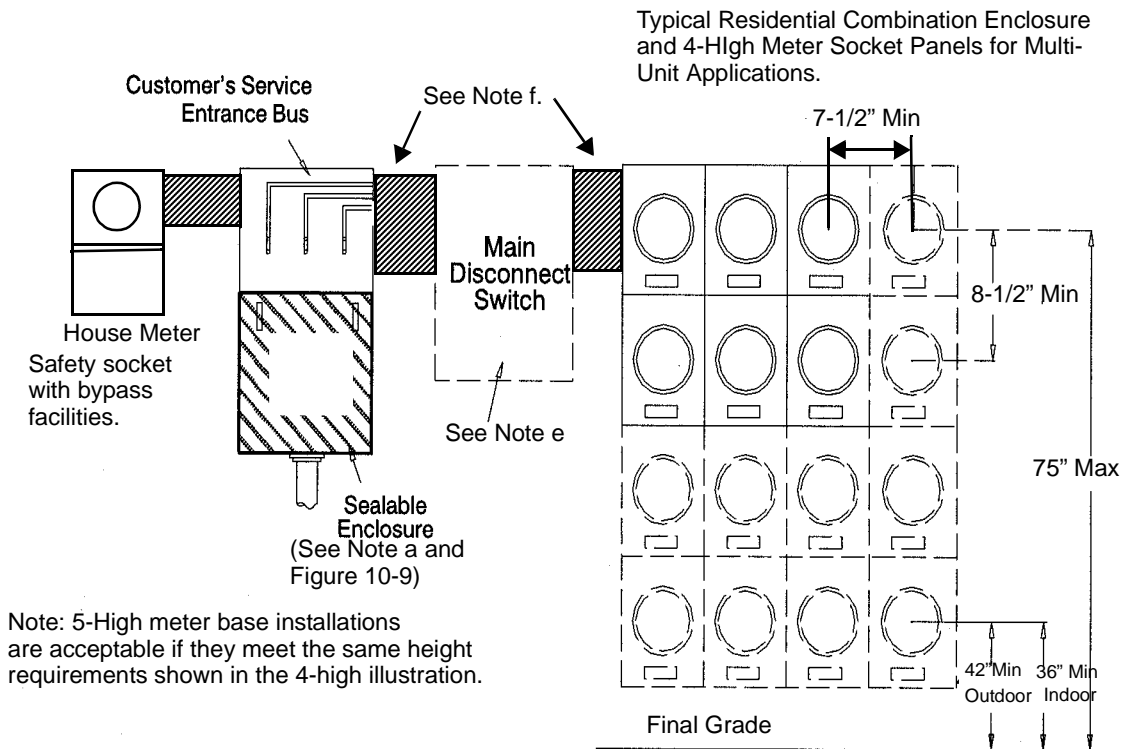
Refer to [Section 6](#) for underground and conduit requirements.

Figure 8-1 Underground Service for Multi-Family Dwelling



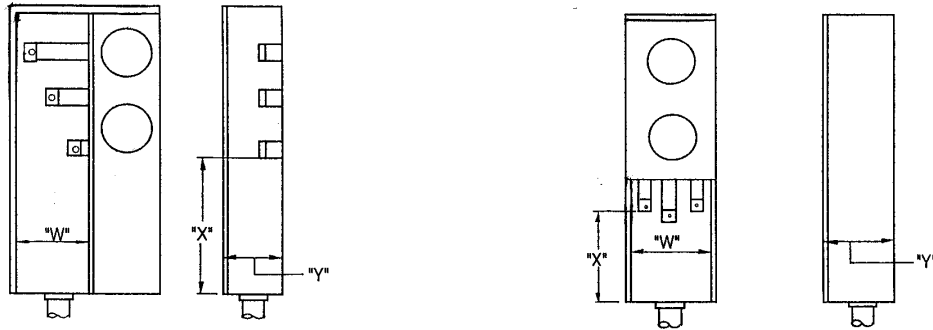
Notes:

- a. Electrical label or permit must be displayed on meter base.
- b. Each multiple metered service must have a permanently engraved metal or hard plastic label with minimum 3/8" high letters to identify the customer's service address before power is connected (see Figure 8-4).
- c. PGE will determine the exact location of the meters.
- d. The Customer is responsible to recognize potential surface and sub-grade water flows that may create an entry of water into the Customer's electrical equipment. PGE will coordinate with the Customer to assist in preventing this entry of water.
- e. See [Section 5 \(Clearances\)](#).
- f. House meters shall be Safety Socket type, except where the meter serves lighting only, a bypass or safety socket is not required.

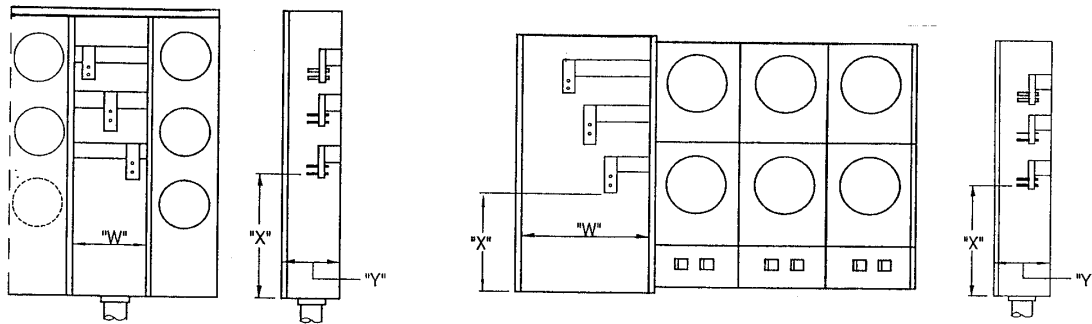
Figure 8-2 Meter Socket Installations for Underground Multiple Family Services**Consult PGE for Overhead Services****Notes:**

- Cable pulling section must be sized for PGE service termination ampacity per EUSERC 343 and must have bus extension drilled for landing lugs. *NEC requires main disconnect when more than 6 services are connected.* When the sum of distribution section ampacities exceed the pulling section ampacities the customer will be responsible to provide NEC approved load calculations.
- Each multiple metered service must have a permanently engraved metal or hard plastic label with minimum 3/8" high letters to identify the customer's service address, before power is connected (see Figure 8-4).
- House meters shall be Safety Socket type, except where the meter serves lighting only, bypass or safety socket is not required.
- Refer to EUSERC 353 for minimum and maximum dimensions for meeting spacing and stacking.
- NEC requires main disconnect when more than 6 services are connected.
- A minimum 3" spacer is required between disconnect or pull section and meter socket panel.
- "If cross-bussing is installed below or behind a terminating position, the cross-bussing shall be fully insulated or barriered." (EUSERC 347)

Figure 8-3 Meter Socket Modules (0-600 Amps) (EUSERC 342)



Typical Service Terminating Arrangements: 2-Meters (0-200 Amps)



Typical Service Terminating Arrangements: 3-6 Meters (201-600 Amps) (EUSERC 342)

Table 8-1. Dimensions of Terminating Section for Meter Socket Modules (EUSERC 342)

Equipment Rating	“W”	“Y”	“X”
0-200 Amps	6-1/2” Min	5-1/2” Min	11” Min
201-600 Amps	10-1/2” Min	6” Min	22” Min
601-800 Amps	Consult PGE		

Notes:

- a. 801-1200 Amp see [Figure 10-8](#) (EUSERC 343)
- b. “If cross-bussing is installed below or behind a terminating position, the cross-bussing shall be fully insulated or barriered.” (EUSERC 347)

8.3 Overhead Service

The Customer is responsible to bring service entrance conductors from the service head to PGE's point of attachment. PGE will not extend conductors from the point of attachment to individual service heads. It is the Customer's responsibility to obtain necessary permits from the electrical code enforcing authority having jurisdiction.

8.4 Meter Labeling

It is the Customer's responsibility to ensure that each meter socket is correctly labeled. PGE may check such meter installations to verify they are correctly labeled and charge a fee to the Customer for incorrectly labeled meter sockets.

Each multiple metered service must have a permanently engraved metal or hard plastic label with a minimum 3/8" high letters to identify the Customer's service address, before power is connected.

Figure 8-4 Meter Label

