

Design Standards Letter

Letter Number: **G-1961-13**

Letter Date: **03/02/1961**

Effective Date: **03/02/1961**

Section/Plan No.: **None**

Subject: **Standard Drawing 70.11 Pole Mounted Substation 480 Volt Multiple Circuit for ___ and UNG/Y Primary Service**

Body

TO ALL DIVISION, DISTRICT AND URBAN ENGINEERS:

We are mailing under separate cover several copies of new Standard Drawing 70.11, Pole Mounted Substation, which will provide a standard substation design for DELTA and ungrounded WYE primary power systems. This standard will eliminate the necessity for local design of substations when ungrounded systems are encountered.

It should be noted that the use of ungrounded primary systems require two lightning arresters, two fuse cutouts and a two pole oil switch. The plans and estimate should therefore reflect the quantities required.

Standard Drawing 70.10 shall continue to be used for grounded or "neutral" type power systems and the approval of all substation designs must be obtained from the company supplying primary power.

The standard 12" x 18" size of these drawings will be furnished upon request.

**C. C. Tevis
Engineer of Surveys and Plans**