Service Equipment

208-240Volt Overhead Clearances

- ☐ Aboveground (general)—12ft. [230-24b, 90-2c, utility]
- ☐ Driveway–12ft.[230-24b, 90-2c, utility]

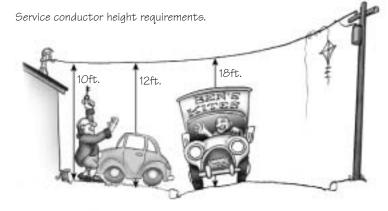


Fig. 33 Overhead Service Clearances

Clearance to Roof and Openings

- Fig. 34 Service Conductors over a Roof

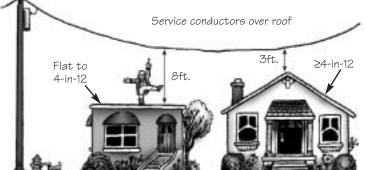
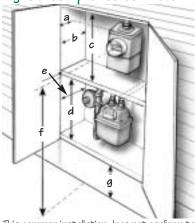


Fig. 38 Compliance Conflicts



This common installation does not conform to NEC, but might be acceptable to the AHJ.

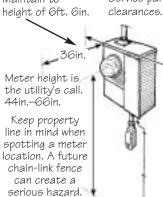
Gas and Electric Service Clearances Example Local 15" max. а 18"-19" b 30" min. c 32"min. d 17"-19" е f 75" max. 15" min. g

Use this table to help research the spe-cific requirements of the utility or build-ing department in your area. The exam-ple dimensions are from a Northern California utility.

Fig. 40 Supporting Periscope

Fig. 39 Clearances Around Service Equipment

Maintain to Service panel clearances.



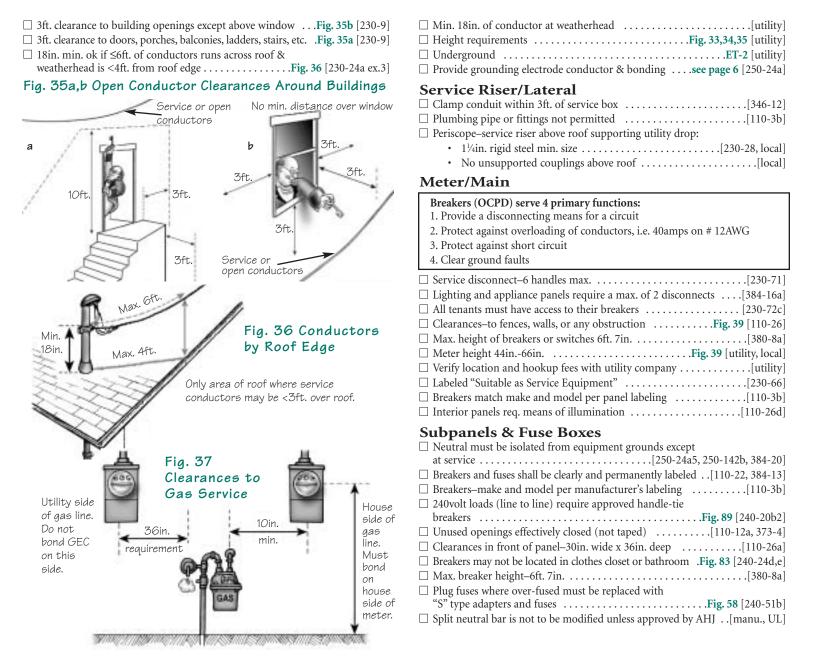
Utility bracing specifications are usually more specific than NEC. Periscope is used to If >42in. support bracing conductors. req'd and if <2in. >18in

Service periscope bracing

Service Conductors

General

- ☐ Min. 100amp for single-family dwelling (SFD)[230-79c] ☐ Wire siz min. for SFD #4CU or #2AL**ET-23** [t310-15b6]
- ☐ Identify neutral at both ends[200-6b] ☐ Aluminum conductors must terminate properly[110-14,110-3b]
- ☐ Side and lower clearance to operating window 3ft.Fig. 35 [230-9]



Service Equipment