

D. Minimum Meter Set Clearance Requirements

Figure 2-19, “Electric and Gas Meter Set Separation Dimensions and Clearances,” below; Figure 2-20, “Gas Meter Set Clearance From Building Openings,” on Page 2-33; and Figure 2-21, “Gas Regulator Set Clearance Requirement From Sources of Ignition,” on Page 2-34, all represent various metering facilities’ clearance requirements. If applicants install enclosures on their premises, the enclosures must meet the specifications provided in these illustrations.

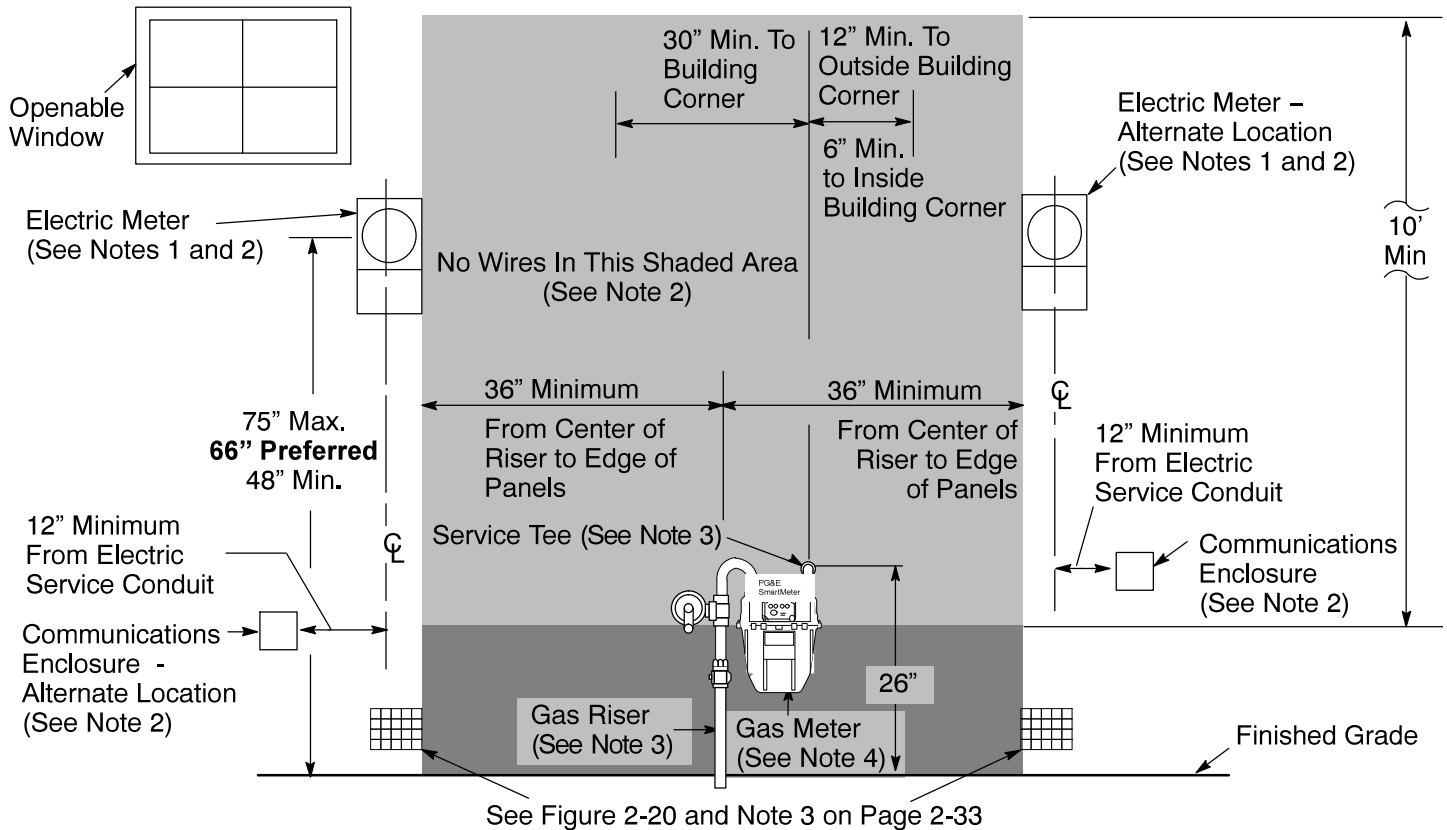


Figure 2-19
Electric and Gas Meter Set Separation Dimensions and Clearances

Notes in reference to Figure 2-19.

1. Electric meter panel locations are subject to utility approval and must comply with the applicable code requirements. PG&E does **not** have specific requirements for the distance from the electric panel to the outside building corner. See [Section 5](#), “Electric Metering: General,” for properly locating the electric meters. See Subsection 5.4.4., “Working Space,” on Page 5-12, for electric meter working space.
2. Applicants must **not** install any electrical devices or equipment, including wires, cables, metering enclosures, telecommunication enclosures, bond wires, clamps, or ground rods within the shaded area around the gas meter. The 36-inch distance can be reduced to 18 inches for electrical devices or equipment certified for NEC Class I, Division 2 locations.
3. Place the gas service riser 6 inches to 9 inches from the finished wall. The completed customer houseline at the service delivery point must extend a minimum of 4 to 6 inches from the finished wall where the meter is to be set, and must be 26 inches above the finished grade. See Figure 2-14 on Page 2-27, Figure 2-15 on Page 2-28, and Subsection 2.5. on Page 2-43.
4. The minimum dimensions and clearances in Figure 2-19 are good for gas meters up to the 1,000 class. See Figure 2-14 and Figure 2-15 on Pages 2-27 and 2-28 for illustrations of clear and level working space in front of the gas meter.

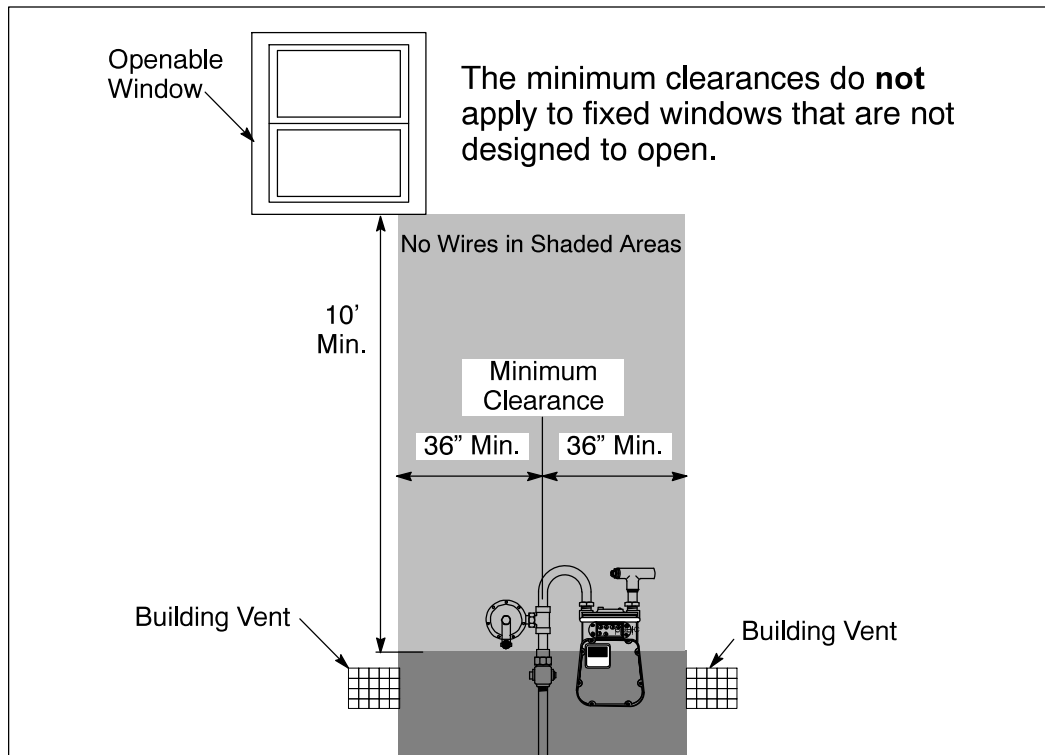


Figure 2-20
Gas Meter Set Clearance From Building Openings

Notes in reference to Figure 2-20.

1. Do **not** place gas regulator vents under display platforms or show windows in commercial buildings. This includes any permanent, elevated display floors or platforms associated with the window, where the purpose of the window is to present a display to the public.
2. Do **not** place gas regulator vents under building overhangs where the overhang is likely to direct venting gas to a building opening.
3. The building vent openings, sources of ignition, and above-ground water sources must be a minimum of 36 inches away from the riser.
4. Applicants must not install water spigots, lines, gutter systems, or other above-ground sources within 36 inches of the gas or electric facilities.
5. For a large meter or multi-meter manifold, the minimum separation requirement for sources of ignition, opening to buildings or sources of above-ground water, extend 12 inches beyond the farthest connection to the applicant houseline, and 10 feet above the highest regulator vent.

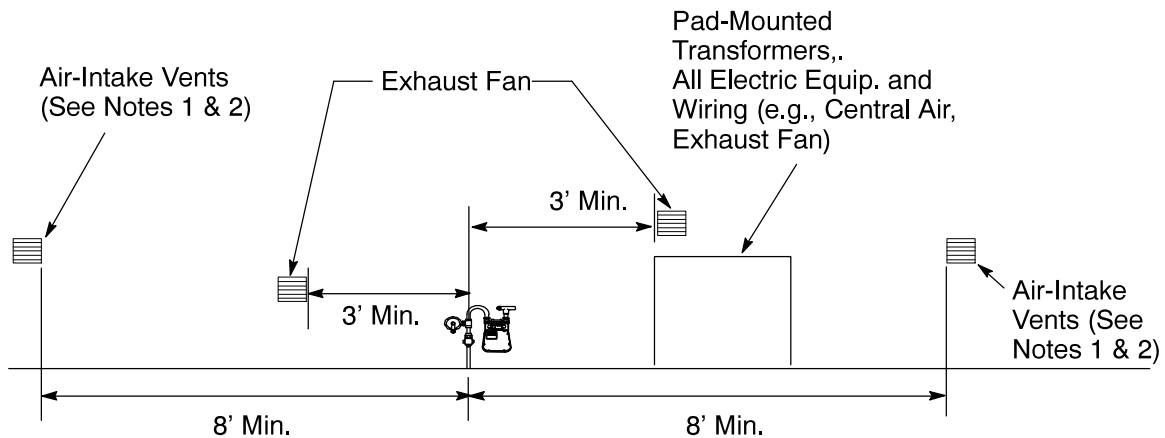


Figure 2-21
Gas Regulator Set Clearance Requirement from Sources of Ignition

Note in reference to Figure 2-21.

1. An 8-foot minimum horizontal and 10-foot minimum vertical clearance is required from the gas service riser to combustion air-intake vents and forced air-intake vents.
2. For a large meter set or multimeter manifold, this clearance requirement will extend 8 feet beyond the farthest PG&E meter equipment.

E. Multimeter Manifolds

Specific requirements in this subsection apply to particular types of premises (e.g., multifamily, apartment, and commercial buildings) where multiple meters are installed at a single location using the manifold configuration. These manifold connection requirements are additions to the meter-set requirements for single gas meter sets.

PG&E limits gas meter manifold configurations to one-tier or two-tier meter manifolds not exceeding 60 inches high. These manifolds are measured from the final, level, standing surface to the top of the manifold.

NOTE: Applicants must provide their PG&E project coordinator with a written justification for approval when requesting a three-tiered manifold or a manifold greater than 60 inches high.

PG&E will assess the applicant's site and conditions for gas service lateral and metering installations before approving an installation site.

Refer to Gas Design Standard J-15, located in Appendix C, for additional information.