

## Natural Gas Service Installation and Meter Clearance Requirements

Call SJG's new construction line at 1.844.611.5605 for more information.

### Builder/Owner/Developer Requirements:

- The clearances in this handout also apply to features on buildings adjacent to the building where the gas meter is located.
- Final grade of the service line route must be in place before the service line can be installed.
- If you are unable to meet the meter location requirements in this handout, contact SJG for further assistance.
- This document is derived from multiple SJG standards, codes, regulations, and best practices. SJG reserves the right to designate gas meter locations so that they comply with all applicable codes and SJG standards.

### Gas Meter Locations:

#### Must Be Located

- On the front wall, or within the front 1/3 of the side wall, observing the corner clearance requirements detailed below. (figure 1)
- In an area that normally permit the installation of the service in a straight-line perpendicular to the street.

#### Can't Be Located

- Behind fences or gates unless no other practical location can be identified. These locations must be approved by SJG.
- Under or in front of first floor operable windows or other building openings which may be used as emergency fire exits.
- Under a carport roof, an awning, or an overhang larger than a standard eave measuring 2 feet.
- Under decks or porches. If a deck or porch is elevated, a meter may be installed under the deck. Additionally, combustible materials cannot be located directly above the meter piping. (figure 11 & 12)

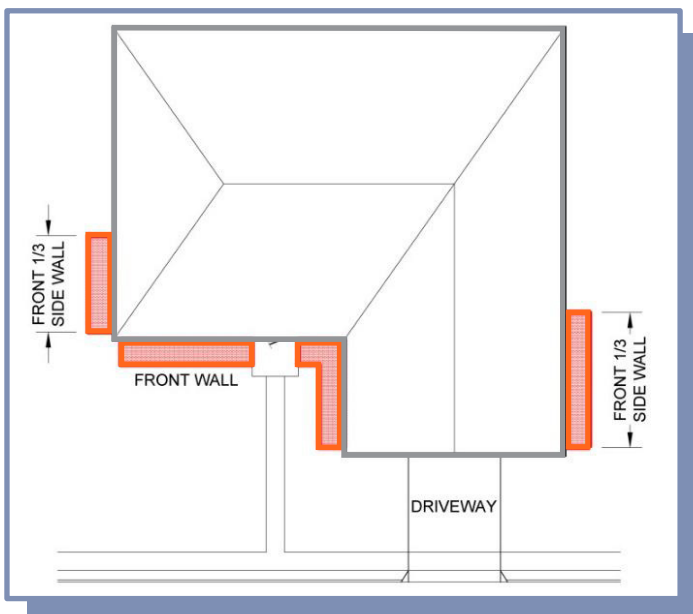


FIGURE 1: GAS METER LOCATION

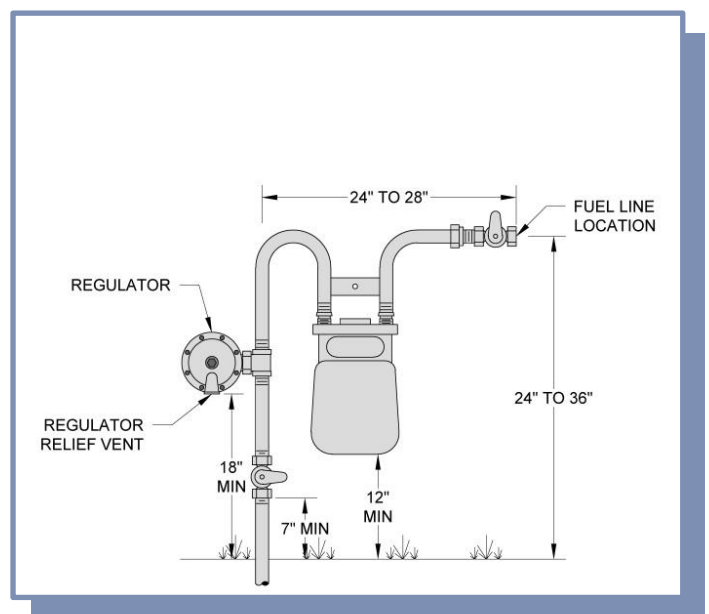


FIGURE 2: TYPICAL RESIDENTIAL GAS METER SET ASSEMBLY

## Measuring Around a Building Corner:

### Outside Corners

- The regulator relief vent must be at least 12 feet from any outside corner.
- If the regulator relief vent is less than 12 feet from any outside corner, then the minimum clearances specified in this handout must be maintained. Measure as if using a string.

### Inside Corners

- Clearance distances from the regulator relief vent or meter set assembly to the feature must be maintained in accordance with this handout. Measure as if using a string.

## Meter Set Protection

Meters sets must be installed in locations adequately protected from possible damage. Meter sets must have a minimum of 3 feet clearance from a "vehicle zone". A "vehicle zone" is defined as a driveway, drive lane, parking lot, parking space, loading areas, garage entrance or any other area with vehicle traffic, or any other area with the potential for vehicle traffic.

If an industrial or commercial customer requires a meter set to be installed within an area less than 3 feet from a "vehicle zone", the customer is responsible for installing adequate protection in accordance with SJG specifications. Contact SJG for meter set protection requirements.

## Gas Meter Clearances

### Meter Set Assembly must maintain a clearance of:

#### Finish Grade and Landscaping

- **3 feet** in front of meter set assembly
  - Free of any landscaping or other structures that restrict access to the meter set assembly
- **2 feet** to either side of the meter set assembly
  - Free of any landscaping (bushes, fences, etc.) and other structures that restrict access to the meter set assembly
- **12 inches** from bottom of gas meter to finish grade
  - Free of any landscaping (bushes, mulch, etc.) and other structures that restrict access to the meter set assembly

#### Below Balconies, Entrance Platforms, Decks, and Porches

- **6 feet** measured vertically:
  - Finish grade surface to under-side of deck
- **3 feet** measured horizontally:
  - Door above the meter

### Meter Set Assembly & Regulator Relief Vent must maintain a clearance of:

#### Property Features

- **3 feet** measured radially to:
  - Pad Mounted Air Conditioner or Heat Pump
  - Electrical Generator or Electrical Transformer
  - Open Flame Barbeque
  - Incinerator or Other Open Flame Device
  - Any Source of Ignition

**Meter Set Assembly & Regulator Relief Vent must maintain a clearance of:**

**Building Features**

- **2 feet** measured radially to:
  - Telephone Box or Terminal
  - Cable Box or Terminal
  - Other Communications Connection Box or Terminal
  - Hose Spigot
  - Sump Pump Discharge
  - Condensate Drain

**Electric Panels & Electric Meters**

- **3 feet** measured radially to:
  - Electric Meter
- **18 inches** measured radially to:
  - SEC (Service Entrance Conduit)

**Regulator Relief Vents must maintain a clearance of:**

**Building Features**

- **3 feet** measured radially to:
  - Windows
  - Building Doors & Garage Doors
  - Crawl Space Vent or Access Door
  - Attic Vent
  - Soffit Vent
  - Bathroom Fan Vent
  - Dryer Intake/Exhaust
  - Furnace Air Intake/Exhaust
  - Fireplace Air Intake/Exhaust
  - Fireplace Cleanout Opening
  - Any Gravity Air Intake
- **3 feet** measured horizontally to:
  - Electric outlet
  - Electric Switch
  - Power Disconnect

**Mechanical Building Air Intake Openings**

- **10 feet** measured radially to:
  - Window Mounted Wall Fan
  - Window Mounted Air Conditioner
  - Wall Mounted Air Conditioner
  - Mechanical System Air Intake

## Meter Set Assembly Clearances from Building Features



CLEARANCE ZONE

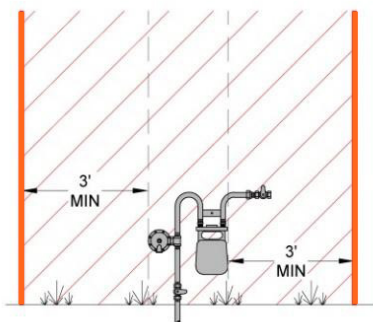


FIGURE 3: CLEARANCES FROM PAD-MOUNTED AIR CONDITIONERS, HEAT PUMPS, GENERATORS, TRANSFORMERS, INCINERATORS, AND OPEN FLAME DEVICES



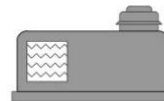
GENERATOR OR  
TRANSFORMER



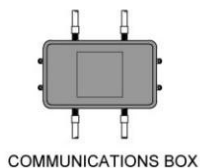
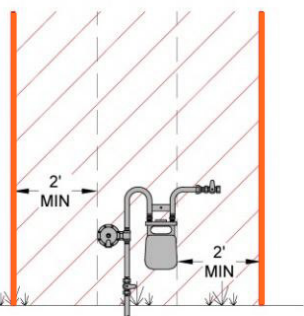
OPEN FLAME OR  
PERMANENT BBQ



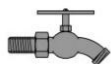
AIR CONDITIONER OR  
HEAT PUMP



INCINERATOR



COMMUNICATIONS BOX



WATER SPIGOT

FIGURE 4: PREFERRED CLEARANCES FROM WATER SPIGOTS, COMMUNICATIONS BOXES, AND CABLE BOXES

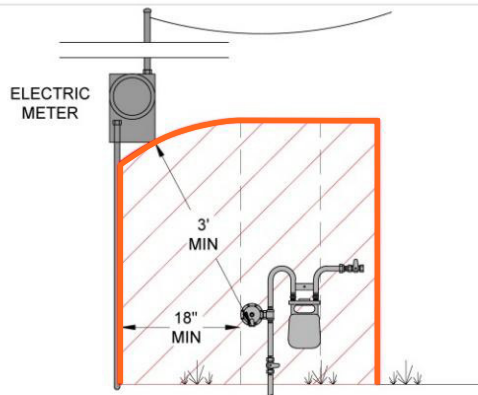


FIGURE 5: CLEARANCES ZONE FROM OVERHEAD OR UNDERGROUND FED ELECTRIC METERS

## Meter Regulator Relief Vent Clearances from Building Features



CLEARANCE ZONE

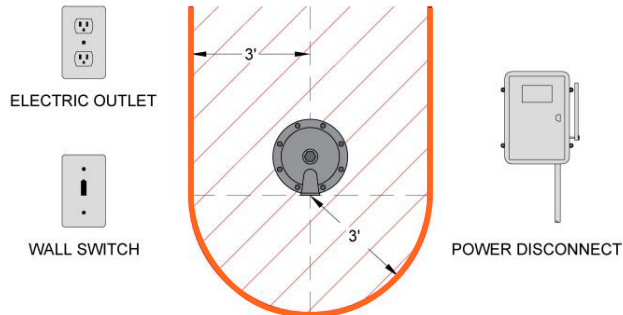


FIGURE 6: CLEARANCE ZONE FROM ELECTRICAL COMPONENTS

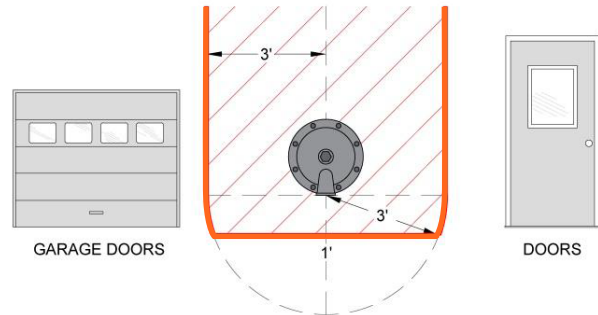


FIGURE 7: CLEARANCE ZONE FROM DOORS AND GARAGE DOORS

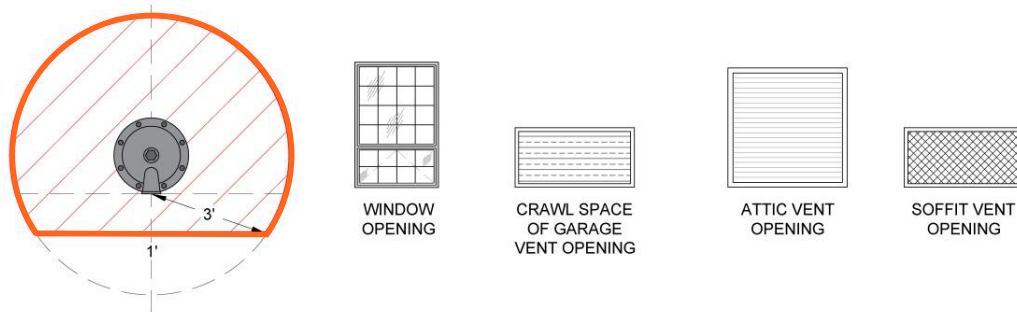


FIGURE 8: CLEARANCE ZONE FROM WINDOWS AND BUILDING VENTS

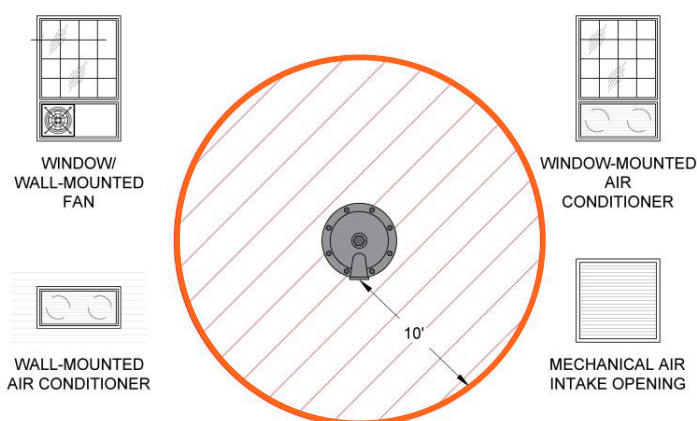


FIGURE 9: CLEARANCE ZONE FROM FANS, AIR CONDITIONERS AND MECHANICAL AIR INTAKE OPENINGS

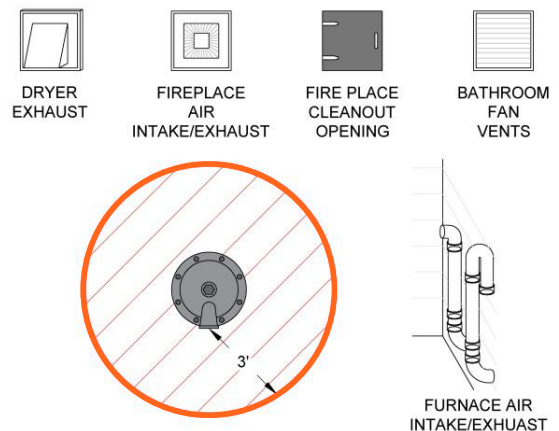


FIGURE 10: CLEARANCE ZONE FROM APPLIANCE INTAKE & EXHAUST FEATURES AND FIRE PLACE CLEANOUTS

## Meter Set Assembly Clearances from Decks and Balconies

