



Southern
California
Gas Company

A  Sempra Energy utility®

Southern California
Gas Company

Gas Service Guidebook

Southern California Gas Company (SoCalGas®)

Gas Service Guidebook

Builders

Plumbing Contractors

City and County Building Inspectors

Southern California Gas Company Employees and Contractors

March 2013

The Gas Service Guidebook is a guide to Southern California Gas Company (SoCalGas[®]) requirements and policies for establishing gas service to new or remodeled applicant installations.

In addition to the utility requirements, local and state officials may stipulate additional provisions for the installation of equipment or material that are in their authorized areas of responsibility and jurisdiction.

Questions regarding this guidebook should be emailed to SoCalGas New Business Team (newbusinessprocessteam@semprautilities.com) or your SoCalGas representative for assistance.

Applicant gas service and meter installation arrangements are subject to SoCalGas's review and approval. Applicants should contact SoCalGas between three to six months prior to requiring gas service.

NOTE: The acronym "SoCalGas" is used throughout this guidebook to designate Southern California Gas Company.

Safety Message

Whether you're planning to build a major development or just landscaping your yard, protect your safety and the safety of those around you by calling **Underground Service Alert at 811**, at least two business days prior to excavating. You may call Underground Service Alert between 6:00 a.m. and 7:00 p.m., Monday through Friday (excluding holidays). Underground Service Alert will coordinate with SoCalGas and other utility owners in the area to mark the locations of buried utility-owned lines. This is a FREE service and it can help prevent injury, costly property damage and loss of utility service. Here is a quick video for more info: [Call 811](#) (video)

What to Do

- **MARK OUT** your proposed excavation area in white paint or provide other suitable markings.
- **CALL** Underground Service Alert at 811 from 6a.m. to 7p.m. Monday through Friday (excluding holidays) at least two business days before digging.
- **WAIT** until SoCalGas either marks its gas pipelines and indicates pipe material and diameter – or advises you the area is clear of its pipes before you start digging.
- **REMEMBER** that SoCalGas uses only yellow paint, flags or stakes to mark out the location of its gas pipes. Other utility owners use other colors to mark their telephone, communications, water or other underground lines.
- **USE ONLY HAND TOOLS** within 24 inches of each marked utility line to carefully expose the exact locations of all lines before using any power excavation equipment in the area.
- **REPORT** any pipe damage by calling us immediately at **1-800-427-2200**. **No damage is too small to report.** Even a slight gouge, scrape or dent to a pipeline, its coating, or any component attached to or running alongside the pipe, such as a wire, may cause a dangerous break or leak in the future. [Learn more about what to do if you damage or suspect damage to a pipeline or meter.](#)

Preface

For over 100 years, SoCalGas has strived to provide outstanding customer service and be a positive community influence. Our customers have come to expect our exceptional service and this gas service guidebook was written with that commitment in mind. The goal is to provide applicants with the knowledge to effectively navigate through SoCalGas's gas service establishment process including the legal, regulatory and safety background involved. Our hope is that this guidebook becomes an invaluable reference as we partner to efficiently and safely deliver natural gas service.

In addition to the guidebook requirements, applicants must comply with all applicable California Public Utility Commission (CPUC) tariffs, decisions and general orders ([G.O. 112 - E](#)). Finally, applicants must comply with all Federal, State, and Local Agency regulations and inspection requirements.

Local and state ordinances require that builders/applicants obtain the appropriate permits and final inspections before SoCalGas can establish gas service (meter installation and turn on) to any building, equipment, or structure.

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SECTION 1 GENERAL INFORMATION

SERVICE TERRITORY

SoCalGas has been delivering clean, safe and reliable natural gas to its customers for more than 140 years. It is the nation's largest natural gas distribution utility, providing safe and reliable energy to 20.9 million consumers through 5.8 million meters in more than 500 communities. The company's service territory encompasses approximately 20,000 square miles in diverse terrain throughout Central and Southern California, from Visalia to the Mexican border. SoCalGas currently has 4 operating regions with and over 45 operating bases throughout its service territory that provide customer service and gas operations for its customers. Planning organizations are centralized within the 4 operating regions with planners in various offices and bases throughout each region. Visit our web site for more information about the communities we serve. [SoCalGas Communities Served](#)



Figure 1 - SoCalGas Service Territory

COMMUNICATIONS

To assure consistent and efficient service, line extension planning requests are submitted through a centralized process via the **socalgas.com** web site and email (preferred) or by phone by calling the SoCalGas Customer Contact Center to request a service application.

SOCALGAS.COM WEB SITE

SoCalGas's website at socalgas.com has multiple sections designed to aid customers interact with the utility at a single point of entry for billing, start/stop utility service, energy efficiency and other matters essential to providing gas service.

BUILDER SERVICES

Visit the **socalgas.com**, [Builder Services](#) page to find information on various construction related topics such as Energy Efficiency programs, Line Extension Application forms, Mapping submittal process, Line Extension process and Contract Brochures, etc.

ENERGY EFFICIENCY PROGRAMS

Visit the **socalgas.com** [Energy Efficiency Programs](#) page to review a variety of energy-efficiency contracting opportunities to help our customers use energy more efficiently. There are programs ranging from single and multi-family residential to commercial and industrial facility equipment upgrade assistance.

RATES AND TARIFFS

Visit the **socalgas.com**, [Tariff](#) page to find a listing of the current SoCalGas tariffs, rate schedules, preliminary statements, rules, forms, advice letters, map and descriptions, cities and communities served, and other regulatory items

EMAIL /FAX

Please send your line extension applications and questions to the following email address/fax number:

Email: newbusinessprocessteam@semprautilities.com

Fax: 1-866-593-7380

Email/fax is the preferred method of submitting line extension applications and questions. It establishes a record for document tracking purposes and it minimizes the time to perform the initial process step.

PHONE NUMBERS

To start the service line extension process by phone, contact the SoCalGas Customer Contact Center:

For **Residential**, call: 1-877-238-0092

For **Non-Residential**, call: 1-800-427-2000

PERMITS AND INSPECTIONS

Adherence to the following guidance is necessary for new and remodeling construction projects:

- Local City and County Ordinances
- CPUC Rules
- California State rules and laws applicable to construction, including Plumbing, Mechanical, and Electric codes

Local and state ordinances require that applicants obtain the appropriate permits and final inspections before SoCalGas establishes gas service (meter installation and turn on) to any building or structure.

SoCalGas will not establish gas service until the gas piping has been installed satisfactorily and have been released by the local inspection agency. SoCalGas's inspection process may include Company established safety based requirements not governed by local or state codes that will need to be satisfied and approved prior to gas service activation.

DESIGN AND INSTALLATION

SO CAL GAS RESPONSIBILITIES

SoCalGas is responsible for planning, designing, and engineering service facilities and extensions using SoCalGas standards for material, design, and construction. All extension facilities installed under line extension procedures shall be owned, operated, and maintained by SoCalGas, except for substructures and enclosures that are on, under, within or part of a building or structure. SoCalGas is not required to serve via applicant owned or private lines.

APPLICANT RESPONSIBILITIES

Applicants may select a SoCalGas approved contractor to design gas service extensions for their facilities (See Applicant Design section). SoCalGas requires a clear unobstructed route from the nearest permanent and available SoCalGas distribution facility to the point which gas services will be connected. Applicants are required to submit "Application for Gas Service" to initiate the line extension process (See Line Extension Process section).

ACCESS TO SO CAL GAS FACILITIES

Applicants must provide access to SoCalGas facilities at all times for any purpose connected with the furnishing of gas service (meter reading, inspection, testing, routine repairs, replacement, maintenance, emergency work, etc.) and have rights secured by law or under CPUC tariff schedules. These rights include, but are not limited to installing a locking device to prevent unauthorized access to SoCalGas facilities, safe and ready access for SoCalGas personnel free from unrestrained animals, unobstructed access for SoCalGas vehicles/equipment to repair, maintain, and operate SoCalGas facilities, and the removal of SoCalGas facilities after termination of service.

CONNECTING SERVICES

Only SoCalGas personnel or agents duly authorized by SoCalGas may connect or disconnect service pipe to or from existing SoCalGas Distribution facilities (Main/Service), or tamper, connect, disconnect, remove or perform any work on meters, regulators, tees or any other SoCalGas facility.

An unauthorized connection to SoCalGas gas facilities, or to facilities used to provide utility services, may be a violation of the [California Penal Code, Section 498](#) and [Section 593c](#), and subject the person to damages pursuant to [California Civil Code, Section 1882](#), et. Sequitur. These sections address connecting to utility meters and facilities and diverting utility services. They specifically prohibit any person from tampering with, making, or causing to be made any connection or reconnection with property owned or used by the utility to provide utility service, without the utility's authorization or consent.

ADVANCED METER PROGRAM

In late 2012, as part of a statewide CPUC effort to upgrade California's energy infrastructure with automated metering technology, SoCalGas initiated the Advanced Meter Program. As part of the program, either a new meter or a communication device (module) will be installed on to the existing meter to automatically and securely transmit measurement information via SoCalGas's wireless radio frequency (RF) communication network.

Depending upon site conditions, SoCalGas may need to install additional equipment or require greater spacing on applicant buildings or premises to support the advanced meter communication network. For more information and to follow the advanced meter team's progress as it transitions over 5.8 million SoCalGas gas meters, please visit the SoCalGas Advanced Meter web site ([Advanced Meter](#)).

SECTION 2 LINE EXTENSION PROCESS

SCOPE

With so many SoCalGas departments involved and CPUC/DOT rules to follow, the process of establishing a new natural gas line can be confusing and complicated. This section attempts to clarify the general SoCalGas service and meter requirements for residential and non-residential installations.



To avoid potential excavation related incidents, contact "811" to identify underground facilities at least 2 working days (excluding weekends and holidays) in advance for marking services.

California law requires applicants to contact [Underground Service Alert](#) by dialing "811" prior to excavation to have member companies "locate and mark" their underground facilities free of charge.

REQUESTING A GAS SERVICE LINE EXTENSION – 5 STEP PROCESS

STEP 1 – SUBMIT APPLICATION

A "Request for Service" is required for all new line extension requests and segregated based upon customer class – either Residential or Non-Residential. Applications can be found on the SoCalGas Builder Services Web site or by selecting the following links:

- [Residential Request for Service Application](#)
- [Non-Residential Request for Service Application](#)

Applications should be completed and submitted to SoCalGas at either the New Business Process Email address (newbusinessprocessteam@semprautilities.com) or via fax at 1-866-593-7380.

For those without internet access, the service process can be initiated via phone by contacting the SoCalGas Customer Contact Center: Your contact information will be forwarded to the appropriate planning office and you will be contacted within 7 to 10 business days.

- For Residential Construction, call: 1-877-238-0092
- For Non-Residential Construction, call: 1-800-427-2000

Applications should be submitted with sufficient time to process the request ahead of gas meter set and turn on (move in). The following are suggested notification timelines:

Table 1 - CONSTRUCTION NOTIFICATION TIMELINE

Project Type	Minimum Notification Time
Additional Meter – separate or to an existing meter bank/manifold	4 weeks
New Service and Meter – no main involved	8 weeks
New Service and Meter – main involved	10 weeks
Residential Tract Development	4 – 6 months
Mobile Home Park Conversion	12 – 18 months

To complete the application, it's essential to accurately identify the structure's connected load in MBTU units (1000 BTU = 1 MBTU = 1 CF) by equipment type or end use to assure the proper planning. Manufacturer labels should provide the appliances actual connected load. However, Table 2 provides general connected load guidance for common residential equipment:

Table 2 - COMMON RESIDENTIAL EQUIPMENT CONNECTED LOAD REQUIREMENTS (MBTU/HOUR)

Appliance Type	Gas Usage MBTU/Hour
Cooking - Range Top	30 – 80
Cooking - Oven	30 – 50
Water Heating - Tank 30 to 50 Gal	30 – 50
Water Heating - Tankless or On-Demand	120 – 199
Space Heating - Standard Furnace	80 – 120
Space Heating – Hydronic Boiler	60 – 100
Space/Water Heating Combo – Hydronic Unit	80 – 150
Laundry - Clothes Dryer	30 – 50
Pool/Spa Heater	250 – 500
Gas Fireplace	20 – 80
Gas BBQ	20 – 60
Gas Lights	2 - 5

STEP 2 – PLANNING

After application submittal, a SoCalGas planning representative will contact you to discuss your project needs. They will review your application, the obligated service requirements and discuss the following site specific topics prior to commencing your plan:

- Trenching Provider
- Meter Location
- Gas Delivery Requirements
- Easement/Access Issues
- Schedule and Timing
- Other Construction issues (Grade/Riser, Curb/Gutter, etc.)

If the requested service exceeds SoCalGas's obligated service per CPUC Rules (See Section 3 – Tariff), the representative will review service options and potential Rule 2 Section O special facilities ownership charges.

STEP 3 – CONTRACT

After completing the planning process, a contract with a site specific installation fixed bid cost estimate will be electronically submitted to the email address provided. An email address is necessary to facilitate the contract process; no solicitation/marketing or any other communication beyond the requested application/contract/verification process will occur. If an email address is unavailable, considerable delays (possibly 10 to 15 business days) in contract delivery and validation will be incurred.

The estimate includes costs for all appurtenant facilities and fittings, valves, service pipe, service regulators, metering equipment, etc. in excess of estimated allowance. Allowance represents either the applicable residential dwelling unit end uses (space heating, water heating, cooking - both cooktop and oven required, and clothes drying) installed or the projected annual consumption for each non-residential installed appliance or equipment. See [Rule 20](#) / [Rule 21](#) for additional allowance information.

A cost break down is only provided by the following CPUC directed applicable categories: Main, Stub, Service, Meter, and Inspection. SoCalGas does not breakdown cost based upon labor, non-labor, equipment, hours, hourly rate, or any other breakdown beyond the CPUC directed governance for proprietary reasons.

If monies are due, payment in full must be received in cash or cash equivalent (money order, direct wire transfer) and recorded prior to construction scheduling. Recording can take up to 10 business days due to bank processing timelines. SoCalGas does not accept partial payment nor will install gas facilities ahead of payment receipt/recording.

In addition to the cost information, depending upon your request, you will be required to execute several other documents such as the odor conditioning, applicant provided trench, grade and riser setback, curb and gutter indemnity, storm water agreement, applicant installation bid, elevated pressure, etc. Examples of these documents are contained in the Appendix - Forms.

Execution is required within 90 days of the contract generation date. Failure to comply will result in the re-calculation of costs based upon the current system generated costs.

STEP 4 - CONSTRUCTION

Once the contract is signed, payment is posted (if required), and all other pre-requisites are satisfied (permitting, environmental, cultural, easements, etc.), your line extension project will be scheduled immediately or at a requested date within 60 days of contract execution. SoCalGas construction must commence within 90 days of contract execution. Failure to comply will result in the re-calculation of costs based upon the current system generated costs.

If Builder plans change from the planned installation that could result in either a reduction or increase in the contracted work, a change order will be created. If the change requires an additional payment, the payment must be made prior to construction or if during construction, within 30 days of generation. Meters will not be set until the change order payment is satisfied.

When the change order results in a refund, SoCalGas will refund within 90 days after either construction is completed for no meter installation contracts or of the meter being set and turned on completion date for contracts involving meters.

If providing the trench, Builders should be sure to have the trenching ready at a minimum of one work day prior to the scheduled construction date to avoid installation delays or additional costs. It is also

recommended to coordinate with local agency building offices to ensure building code compliance to avoid houeline issues. When construction is completed, the gas line is ready for service and the meter installation can be scheduled.

To avoid meter installation delays, it's essential to establish a billing account prior to requesting meter set and turn-on. SoCalGas has two ways to establish an account – either on-line (Start New Service) or by phone:

- Residential – 1-877-238-0092
- Non-Residential – 1-800-427-2000

STEP 5 – METER INSTALLATION

Arrangements for meter set and turn-on can be made ahead of gas construction completion but notification of local agency houeline inspection release is required prior to SoCalGas performing meter installation and gas turn-ons.

Although SoCalGas's goal is minimize turn-on wait times, our normal meter installation wait times are between 5 to 7 business days from customer notification and agency inspection release. However, during the heating/re-lighting season (typically November through early February) activity wait times can exceed 10 business days.

STEP 6 - CONTRACT COMPLIANCE AND RECONCILIATION

If allowance was granted for your line extension contract, meter(s) must be turned on within six (6) months of the SoCalGas construction completion date (ready to serve date) for projects that include Main and Service or twelve (12) months for projects that do not involve Main (Service Only). Failure to do so will result in a SoCalGas bill for the amount of allowance granted and applicable ITCCA rate.

The ready to serve date is not usually the meter set date – it is when the gas service piping is gassed up and verified at the service valve (stop cock) or for main only contracts, when the main is tied into the existing system and gassed up/energized.

Once the meter is turned on, the line extension project is reconciled within the following timelines:

- For Residential, no later than one year after the ready to serve date.
- For Non-Residential, reconciliation will take place during the 36th month after the ready to serve date.

For residential contracts, earned allowance is verified based upon the installed end uses recorded during the meter set and turn on process performed by SoCalGas Customer Service personnel and then compared to the contracted end use. Deviations are investigated and if the actual end use is found to be different than the contracted, a change order will be issued resulting in a bill with ITCCA. Failure to satisfy the reconciliation bill will result in withholding of upfront allowance for future projects until payment is made in full.

For non-residential contracts, earned allowance is dependent upon actual consumption as measured monthly for 36 months and then compared with the contracted projected consumption. The comparison takes the annualized amount of consumption either on a 3 year average basis or the actual 3rd year's consumption – whichever is greater – against the projected consumption.

- If consumption is greater than projected, a refund up to the amount paid plus ITCCA will be issued within 90 days of reconciliation.
- If consumption is less than projected, a bill for the difference between projected and actual consumption plus applicable ITCCA will be issued. Payment must be received within 30 days of receipt. Failure to satisfy the reconciliation bill will result in withholding of upfront allowance for future projects until payment is made in full. For Main related projects, a monthly main ownership will be incurred and reduce the remaining refundable portion.

To mitigate reconciliation billing, SoCalGas has adopted a policy that withholds upfront allowance for non-residential space heating only projects and projects where it's known that meters will not be installed within the required timelines. Non-Residential space heating only projects will receive a refund up to the amount paid including ITCCA at the 3 year reconciliation.

RELOCATION/ALTERATION OF EXISTING GAS FACILITIES

Customers/Builders should contact SoCalGas as early as possible when plans call for abandonment, relocation or alteration of existing service or meter set assemblies.

To start, contact the SoCalGas Customer Contact Center by phone

- Residential – 1-877-238-0092
- Non-Residential – 1-800-427-2000

Your request will be recorded and sent to a planner in your request area. The planner will arrange a site visit to review your request. For service abandonment requests, be sure to let the planner know whether you plan to rebuild and require a new service for a new structure. The planner will discuss the various service options to meet your needs and develop a cost estimate for your approval/signature to serve those needs. No work can be scheduled or commence until full payment is received and recorded.

To reduce costs, applicants can provide service trenching on their private property. Trenching requirements and guidance will be provided upon request.

SERVICE DESIGN AND INSTALLATION OPTIONS

Per Rules 20/21, Applicants have the right to select either SoCalGas or a third party Applicant Design or Install contractor to perform the gas service design, installation, and trenching. Upon applicant designation on the request for service application, SoCalGas will provide a bid for applicant design or installation costs. Specific conditions must be met to utilize an applicant design or install.

APPLICANT DESIGN

SoCalGas currently requires every Applicant Designer to be a current California registered professional engineer qualified for distribution gas design in good standing, have significant indemnity insurance, and pass the SoCalGas applicant design qualification test. If interested in becoming an approved SoCalGas Applicant Designer, please send an email to the newbusinessprocessteam@semprautilities.com requesting the applicant design information packet.

APPLICANT INSTALL

SoCalGas currently requires every Applicant Installer to be certified and approved by SoCalGas. Applicant Installers can only perform 4" and smaller diameter polyethylene (PE), medium pressure (<60psig) installations. This includes PE fusing/joining performance course, SoCalGas approved operator qualification certification, demonstrated proper use of material and equipment necessary to perform gas pipe installation as well as other installation and administrative requirements. .

If interested in becoming an Applicant Installer, please send an email to the newbusinessprocessteam@semprautilities.com requesting the applicant Installer qualification information packet.

As CPUC Rule 20/21 indicates, if the Applicant elects to utilize an Applicant Installer, it is the Applicant's responsibility to locate and contract with an approved SoCalGas Approved Applicant Installer. Currently, SoCalGas does not maintain or provide a list of SoCalGas approved Applicant Installers nor will it assist with locating one for an applicant.

SECTION 3 GAS SERVICE

GENERAL REQUIREMENTS

A gas service lateral is the section of pipe that connects from the SoCalGas Distribution main in the public street or easement to the service riser located on the customer's premise. It is typically constructed of Polyethylene (PE) pipe material although steel pipe is installed when required by ordinance, code or system integrity. .

SERVICE LOCATION

Service Lateral Facilities shall extend:

- a) Public – From the point of connection at the Distribution Main to the Applicant's nearest property line along any street, highway, easement which SoCalGas has or will install Distribution Main.
- b) Private – On private property, along the shortest, most practical and available route that is clear of obstruction (leakage patrol requirement) to reach the SoCalGas agreed to service delivery point. Avoidance of steep banks, excessive moisture, retaining walls, and plowed lands is encouraged.

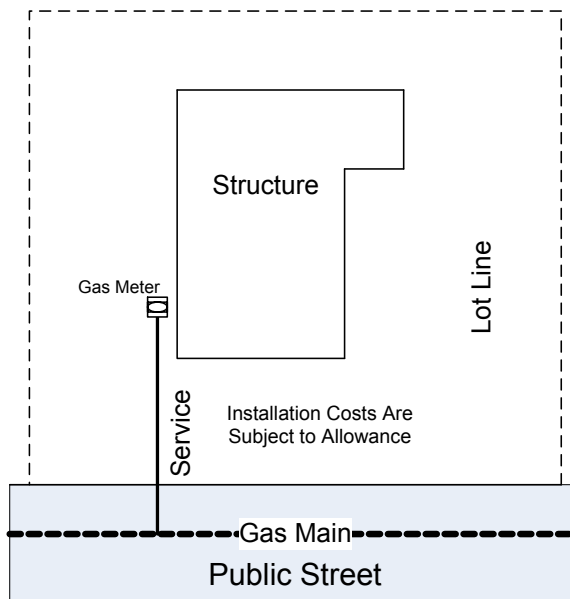


Figure 2 - Single Structure, Single Premise

- Services should be installed perpendicular to the source main. Diagonal or cross lot installations are not acceptable. A Y fitting is acceptable and appropriate to serve 2 adjacent lots.
- Each gas service must have a shutoff valve located outside of a building in a readily accessible location and cannot be in a privately locked security area.
- SoCalGas does not permit service installation
 - a) under or through buildings and retaining walls/structures
 - b) directly into concrete or asphalt pavement materials
 - c) below underground structures, breezeways, concrete pads, wood decking, or carports.

- Riser spacing – If the area around the riser is to be paved, a 4” minimum opening (circle/square) is required.
- Riser Damage – Once a service and riser is installed to finished grade, any changes in location, finished grade or other reason resulting in an unsatisfactory location, shall be borne by the Builder/Developer/Applicant. See Grade and Riser document in Forms section.

NUMBER OF SERVICES

- SoCalGas will not normally provide more than one Service lateral, including associated facilities, for any one building or group of buildings for a single enterprise on a single premise, except if required by:
 - a) Tariff Schedule
 - b) Utility Convenience
 - c) Local Ordinance
 - d) Other – Utility can install additional services for customer benefit as a Rule 2 special facility installation

SERVICE CONSTRUCTION EXAMPLES TO ILLUSTRATE ACCEPTABLE PRACTICES:

a) Residential – Two Dwelling Unit Structures with Vented Appliances/Single Premise

Generally, one service to each structure is provided; meters located at one location per structure. If space is limited and a meter easement can be obtained, one service with a meter manifold can be installed. Additional services to a single structure can be granted and subject to allowance if it is determined by SoCalGas to best serve the structure at more than one location. Additional services for applicant benefit (minimizing house piping, proximity, etc.) may be installed but do not qualify for allowance and may be subject to Rule 2 special facilities ownership charges.

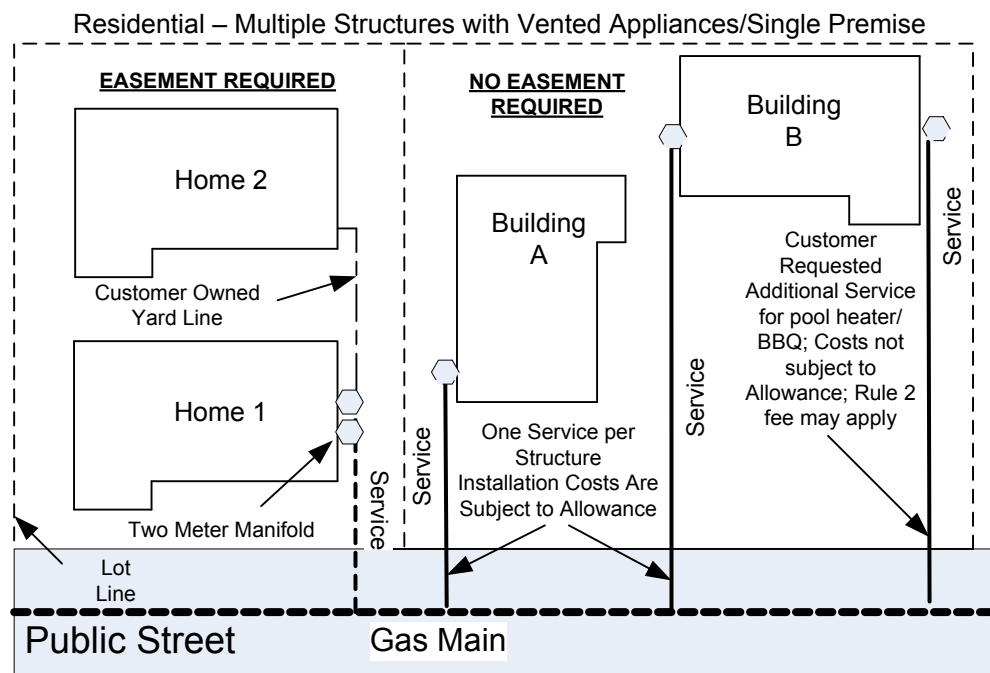


Figure 3 - Residential, Two Structures w/Vented Appliances, Single Premise

b) Residential – Multi-Family/Three or More Structures with No Vented Appliances in each Dwelling Unit on a Single Premise

When 3 or more multi-family structures are on the same premise and do not have individual vented appliances serving each dwelling unit (Central Space/Water serves all units in common), SoCalGas may install a gas distribution main and a single individual service and meter to each structure provided the following conditions are met:

- a. An accessible and protected location exists for SoCalGas use
- b. An easement, right of way, or permit to install gas facilities on the premise at no cost to SoCalGas

A single meter will be provided to each structure. If individual meters are desired, a non-refundable Special Facility Ownership Charge will be assessed. For further information, please see Section 4.2.1 – Gas Meter Assemblies, Vented Appliances-Individual Meters versus Master Meter

c) Residential – Multi-Family/Three or More Structures with Vented Appliances in each Dwelling Unit on a Single Premise

SoCalGas will serve each building with individual meters but requires an easement/ROW for main installation.

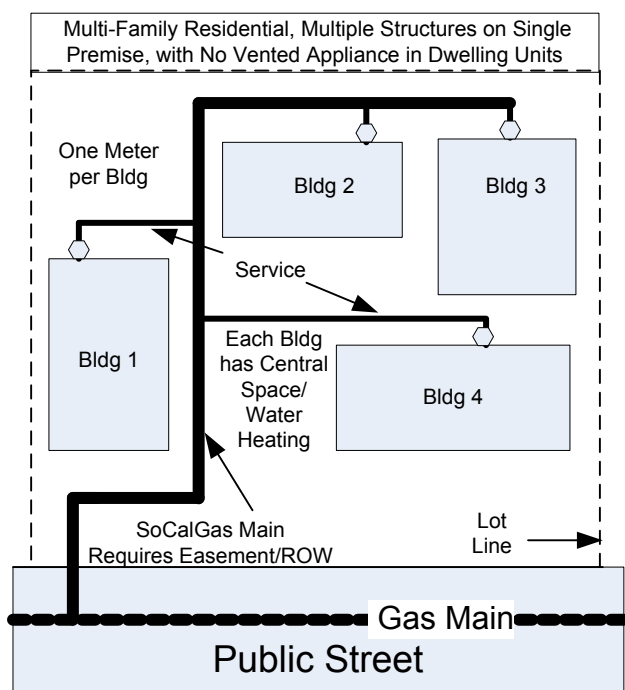


Figure 4 - Residential - Multi-Family/Three or more Structures w/NOvented Appliances, Single Premise

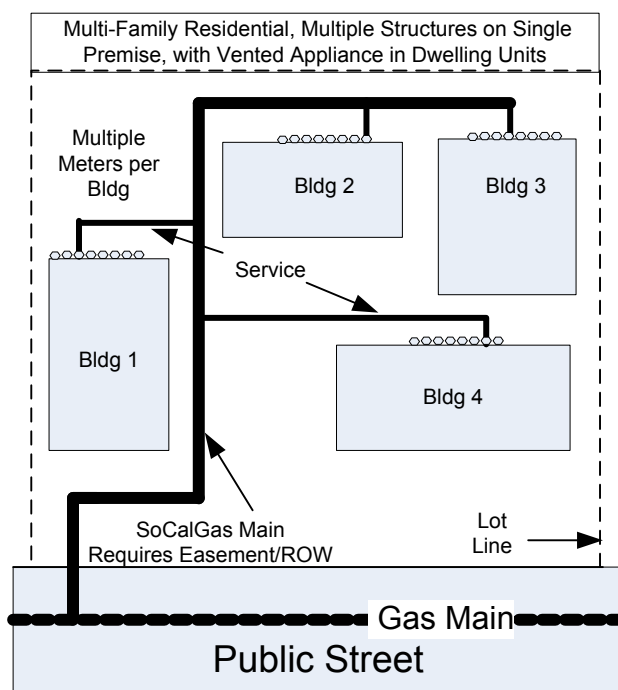


Figure 5 - Residential - Multi-Family/Three or more Structures w/Vented Appliances, Single Premise

d) Residential Contiguous Dwellings (Condos/Townhomes) (single structure)

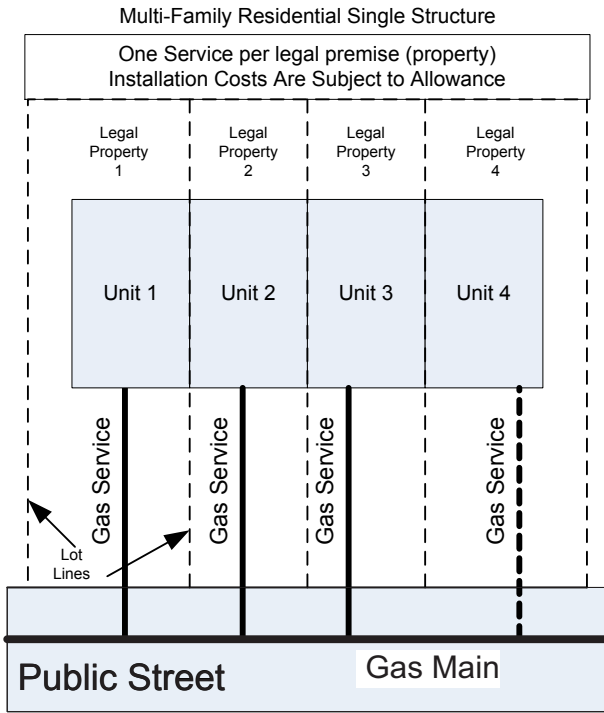


Figure 6 - Service – Residential, Multi-Family Single structure, multiple legal premises (lots)

- i. If each dwelling unit is bounded by its own legal property lines on the same parcel, then a separate service is required for each dwelling unit and located within the serving property.

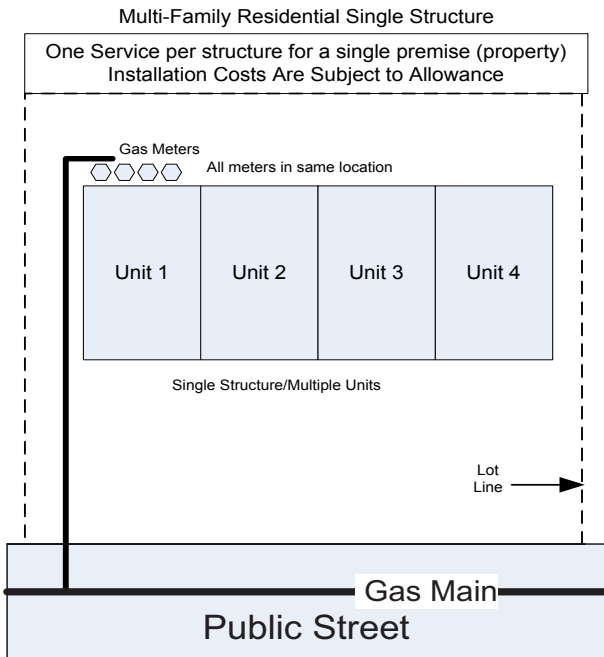


Figure 7 - Multi-Family Residential Single Structure, Single Premise

- ii. If each dwelling unit is divided by assumed property lines, then dependent upon agency inspection/approval, SoCalGas will either serve with individual services (if required for agency approval) or through one service serving a meter bank (preferred). If required by agency for approval, the builder must obtain easements for house lines that cross assumed property lines from the governing agency before SoCalGas will install gas meter facilities.

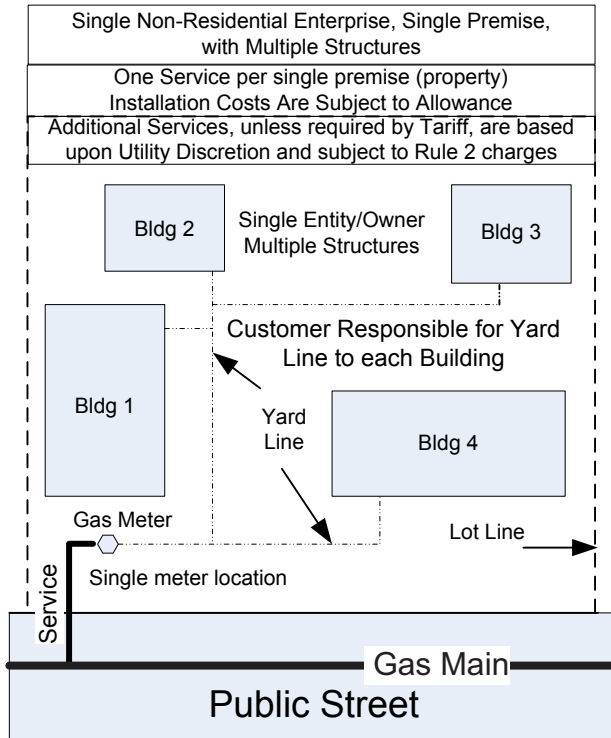


Figure 8 – Single Non-Residential, Single Premise, with Multiple Structures

e) Single Non-Residential Enterprise, Single Premise with Multiple Structures

One service per premise capable of serving the permanent, bona fide load. Additional services can be provided but are not subject to allowance and Rule 2 special facilities ownership charges.

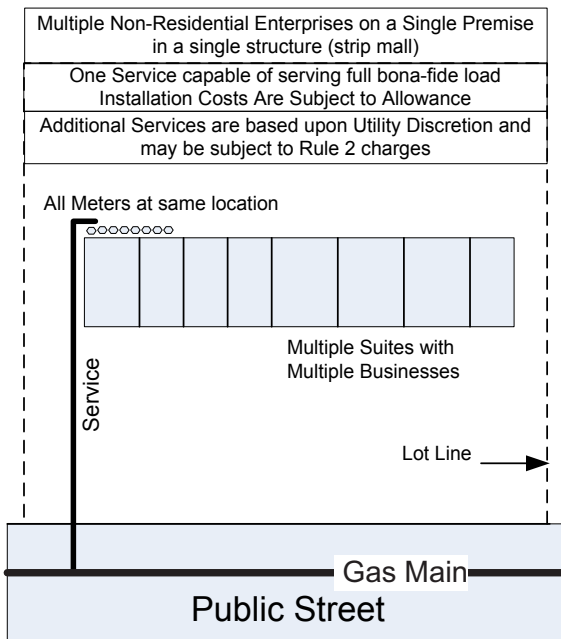


Figure 9 – Multiple Non-Residential Enterprises on a Single Premise, Single Structure

f) Multiple Non-Residential Enterprises on a Single Premise in a Single structure (strip mall or Spec Building)

One service capable of serving the permanent, bona fide load. A second service can be installed and subject to allowance depending upon the Utilities discretion (reduces utility cost to serve).

No upfront allowance will be granted when bona fide load is unknown or for space heating only.

Actual consumption or earned allowance will be issued as a refund at the 3 year reconciliation (3 years from the first meter turn-on date).

g) New - Mixed Use (Residential/Non-Residential), Single Premise, Single Structure

One service capable of serving the total permanent, bona fide load.

To reiterate, customer requested additional services can be granted; however, incremental allowance will be capped at SoCalGas's obligated cost to serve the load. In addition, the incremental cost will be borne entirely by the customer and is non-refundable, fully collectible and subject to Rule 2 special facility ownership charges.

For existing non-residential customers who request additional services and have multiple existing services serving a single enterprise on a single premise, the collective delivery capacity (CDC) will be used to determine load sufficiency. If the CDC can meet the incremental load, then no incremental allowance will be applied. The total cost will be borne by the customer including any non-refundable Rule 2 special facility ownership charges. If the CDC cannot meet the incremental load, then an additional service will be provided with allowance.

EXCESS FLOW VALVES

An excess flow valve or EFV is a device installed underground on the gas service line designed to limit the flow of gas to a predetermined level, if there is a complete break in the service line. If tripped, the EFV has a bypass feature that automatically resets the valve once the service line is no longer leaking and pressure equalizes across the valve.

It is required on all new and/or replaced single family residential gas service installations per 49 Code of Federal Regulations (CFR) Part 192.383. As of April, 2013, pending legislation exists expanding the EFV requirement to potentially all residential facilities and commercial installations.

TRENCHING

SoCalGas is the default provider of trench. However, Rule 21 has provisions that allow applicants to provide their own trench with the potential to receive credit if allowance exceeds total cost. The following are guidelines for applicant provided trench. Your SoCalGas planner will provide further details if needed.

General

- a) The entity providing the trench is considered the trench owner and is responsible for all local ordinance, permit and resurfacing.
- b) The trench must comply with CPUC and DOT regulations and with SoCalGas trench specifications.
- c) Only dry utilities (power, telephone, CATV, street lighting) are allowed in joint trench with gas.
- d) No wet utilities (water/sewer/landscaping) are allowed in a joint trench.

Separation from Gas Pipe/Line

- e) At least 5' of undisturbed earth must separate a parallel dry utility trench from a wet utility trench.
- f) Power/Electric - within the joint trench, 12" separation in all directions
- g) For 4" diameter and under pipe within the joint trench, a 6" separation in all directions is required for all substructures (CATV/Telephone/other)
- h) For greater than 4" diameter pipe within the joint trench, a 12" separation in all directions is required for all substructures (CATV/Telephone/other)

Depth or Cover over Gas Pipe/Line for new installations

- i) 30" min cover on private property (24" if conditions warrant – SoCalGas approval required)
- j) 30" min cover to finished grade when behind curb (parkway) in public easement
- k) 30" min cover to finished grade (flow line) when in street (between curbs) in public easement
- l) 42" max cover to finished grade in street/public easement

Trench Width for Service Gas Pipe/Line

- m) 18" min width for 2" or smaller gas only pipe trench
- n) 24" min width for greater than 2" gas only pipe trench
- o) 18" min width for 5' from coupling
- p) 24" min width at service to main connection

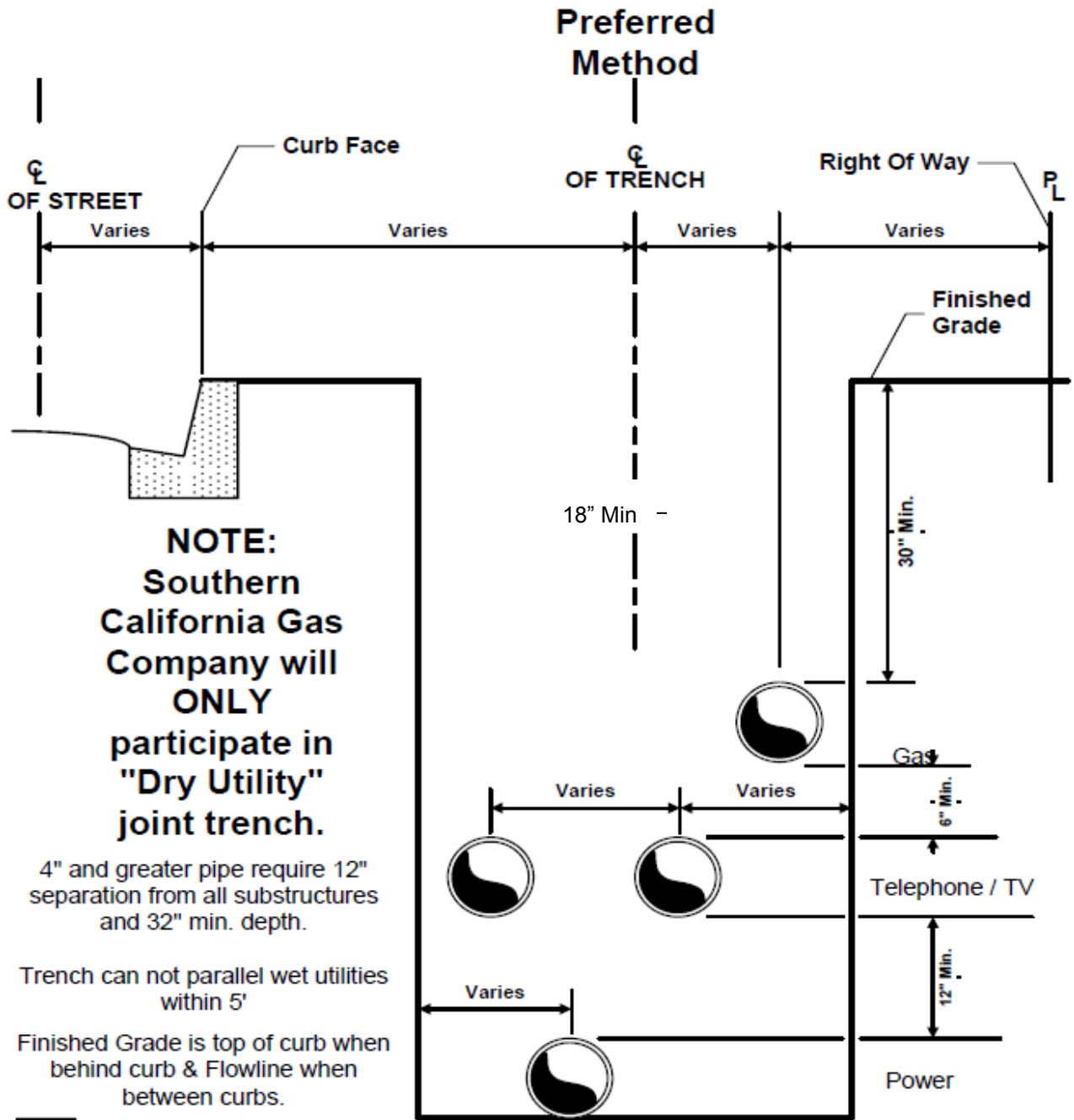
Bedding for Service Gas Pipe/Line

- a) 6" min bed of rock free sand

Backfill Material for Gas Pipe/Line

- b) 12" min cover of rock free sand over gas pipe in normal soil
- c) 18" min cover of rock free sand over gas pipe in rocky soil
- d) Native back fill is encouraged to complete backfill

See the following trench drawing for further guidance.



NOTE:
 Southern California Gas Company will **ONLY** participate in "Dry Utility" joint trench.

4" and greater pipe require 12" separation from all substructures and 32" min. depth.

Trench can not parallel wet utilities within 5'

Finished Grade is top of curb when behind curb & Flowline when between curbs.

**CROSS SECTION OF JOINT TRENCH
 NO SCALE**



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Figure 10 - SoCalGas Trench Diagram

BRANCH SERVICES

A branch service is a pipe that branches off of a gas service or standard pipe to serve two or more applicants. A branch service is typically installed between two adjacent residential structures that front the same street and have meter locations adjacent to one another. An easement or right of way (ROW) is required for all cross lot branch services.

SoCalGas limits the use of cross-lot branch service installations due to property disputes among owners, potential damage from property line fencing, and potential service capacity issues.

If a cross-lot branch service is the only feasible method to serve your property, SoCalGas will attempt to contact your neighboring property owner to obtain an easement/ROW prior to finalizing planning and construction. If the owner is unresponsive or does not wish to honor our request, it is the applicant's responsibility to pursue the matter further. SoCalGas will not install a cross-lot branch service without an easement.

As a note, SoCalGas cannot force reluctant neighboring property owners to authorize an easement/ROW nor will SoCalGas participate in any legal contract or dispute mitigation that develops as a result.

Below are examples of residential branch service arrangements.

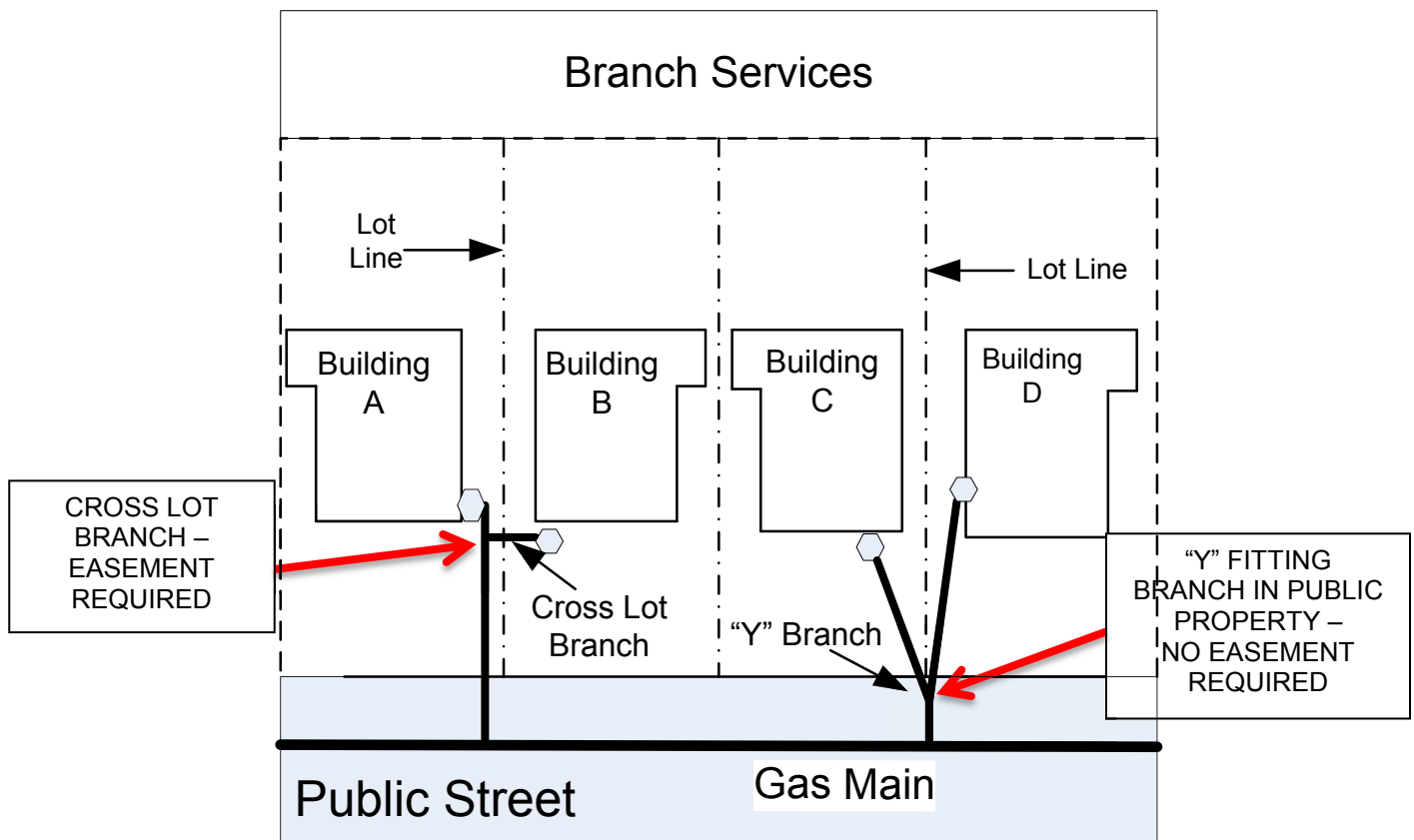


Figure 11 - Branch Service Diagram

MOBILE HOME PARKS – SERVICE

All new Mobile Home Park (MHP) construction is served similarly to standard tract development with utility owned and maintained gas main and service facilities that adhere to CPUC and SoCalGas standard specifications. A Public Utility Easement /Rights of Way must be granted and documented in public records to facilitate gas facility installation. SoCalGas will work with the MHP to assure sufficient easement documentation including establishing minimum access and work areas.

SoCalGas normally provides the gas design; however, as a basis, it's important to not plan/design gas facilities (main, service, MSAs) on steep slopes, areas where future excavation or other maintenance (leak survey, inspection, etc.) could impact MHP or personal property (landscaping, planned structures including mobile homes, coaches, porches, stairs leading to porches, other permanent structures, etc.)

If an existing master metered MHP owner adds load in the form of new MHP spaces, by Rule, the new spaces must be directly served by the utility. SoCalGas will not increase existing meter delivery volume.

If an existing master metered MHP owner is interested in AB 622 transfer (Utility Transfer), please submit your request via email to the newbusinessprocessteam@semprautilities.com and ask for the MHP utility transfer information packet.

SECTION 4 – GAS METER SET ASSEMBLIES (MSA)

GENERAL REQUIREMENTS

A gas meter set assembly (MSA) generally consists of the following features:

- Gas Meter
- Service Regulator
- Gas shut-off valve (additional valves installed if required)
- Bypass Tee fittings to facilitate SoCalGas maintenance of the MSA
- Mini-Riser Vault – mechanical fitting to protect riser from external damage

When required especially for high volume MSAs, SoCalGas will install filtration, additional By-Pass capabilities, monitor regulation, and various other equipment necessary to ensure safety and gas measurement accuracy.

NUMBER OF METERS

SoCalGas will normally install only one meter for a single family residence or a single non-residential enterprise on a single premise, except:

- When otherwise required or allowed under SoCalGas Tariff (see Rules 20/21)
- At the option of and as determined by SoCalGas Engineering for its operating convenience
- When required by law or local ordinance
- When additional services are granted by SoCalGas under the Rule 2 provisions

VENTED APPLIANCES – INDIVIDUAL METERS VERSUS MASTER METER

Per Rule 13, SoCalGas is obligated to “individually meter all new multi-unit residential structures where multi-tenants use gas directly in gas appliances that individually serve each occupancy and which require venting.”

CPUC defines gas appliances that require venting as those that require venting for combustion product purposes. Space heating (Furnaces, a fireplace that provides the dwelling units sole source for space heating, etc.) and Water Heaters (tank or tankless) require venting for combustion purposes- see Public Utilities Code, Section 780.5. http://www.legaltips.org/california/california_public_utilities_code/761-788.aspx

For example, a single gas meter can serve an entire multi-unit complex when the gas is used only for central water/space heating purposes that supply all tenants in common or when each unit has its own gas cooking and/or gas laundry (clothes drying).

Upon SoCalGas approval, individual metering can be provided; however, a Rule 2 special facilities charge will be assessed and allowance will be capped at the SoCalGas obligated service/MSA cost (1 meter capable of handling the total complex gas load).

RESALE OF GAS

For new construction, customer owned sub-meters used to segregate a residential multi-family master meter billing is not permissible. See Rule 24, B,1d – Master Meter. [SoCalGas Rule 24](#)

PRESSURE

STANDARD DELIVERY PRESSURE

Per Rule 2, Section 3 – Pressure, SoCalGas provides gas service pressure to the service delivery point at 8” water column or approximately 1/3 psig as measured at the MSA’s gas outlet.

ELEVATED DELIVERY PRESSURE

Per Rule 2, for connected loads of one million BTU/hour or greater, SoCalGas will deliver elevated pressure upon request and acceptance at the following elevated pressures:

- Two Pounds
- Five Pounds
- Service at as-available fluctuating pressures from the point of service
- Such other pressure as agreed upon by SoCalGas and the customer

As indicated on the “As Available” Elevated Delivery Pressure letter, SoCalGas reserves the right to reduce the gas service pressure to either a lower elevated pressure or standard delivery pressure, without liability, when:

- It is determined that the elevated gas pressure will no longer be available
- Current delivery pressure is detrimental to SoCalGas’ gas distribution system

SINGLE FAMILY RESIDENTIAL ELEVATED DELIVERY PRESSURE

For single family residential elevated pressure requests, there is a greater criterion (over 400’ of yard line required, 4” or greater diameter yard line at standard delivery required to meet load, etc.) than Rule 2’s 1 Million BTU/Hr of connected load requirement. It is evaluated on a case by case basis by SoCalGas Gas Operations. Builders/Plumbers should never presume its availability. If residential elevated pressure is granted, a maximum 5 psig will be provided. A Rule 2 special facility ownership charge may be assessed if pressure is needed for appliance operation but fails to meet the residential pressure criterion.

MULTI-FAMILY RESIDENTIAL ELEVATED PRESSURE PROGRAM (2 PSIG DELIVERY)

For Multi-Family Residential Construction, SoCalGas offers an elevated pressure program that enables developers to reduce plumbing costs by receiving elevated pressure at 2psig. To qualify, the development must install gas space and water heating in each dwelling unit (Central units do not qualify) and have at least 3 additional end uses (4 additional end uses if gas fireplaces are planned). For more information, please visit the following link: [SoCalGas Multi-Family Res 2 PSIG Program](#)

BACK-PRESSURE PROTECTION

SoCalGas may require the applicant to install and maintain a check valve between the downstream meter and the customer's piping to prevent pressurized supplemental gas such as air, oxygen, propane, etc., is interconnected with the natural gas system.. SoCalGas must approve the check valve type and location. An operation verification test may be required to assure back pressure protection. Contact your service planner for further details.

ELEVATED PRESSURE HOUSELINE VERIFICATION – AGENCY APPROVAL

Prior to gas delivery, Builders are responsible for obtaining houseline approval for elevated pressure and SoCalGas must receive notification from the local governing agency. Once received, within three (3) business days, the SoCalGas planner will release the job for meter set scheduling. Meter set scheduling is not performed by the planner or the planning office. Builders must verify with the local governing agency to confirm that notification has been sent to SoCalGas. SoCalGas will not contact the building agency to determine house line notification status or submittal.

For customers already receiving elevated pressure that request a greater pressure (i.e. current service is at 5 psig and wish to increase to 10 psig), the same pressure request approval and verification process (system availability, MSA adaptability, and agency approved houseline verification) is required. If the governing local agency waives houseline re-verification inspection, then a letter from the governing agency on the governing agency's letter head documenting their waiver of houseline re-verification inspection is required prior to increasing gas delivery pressure. The letter can be emailed directly to the SoCalGas planner if desired.

METER LOCATION

GENERAL REQUIREMENTS

SoCalGas operates with multiple CPUC governed electric service providers (PG&E, Southern California Edison, San Diego Gas and Electric) as well as several Municipal electric service providers (LADWP, City of Anaheim, City of Glendale, etc.) each of which have unique and conflicting meter clearance requirements. In the past, SoCalGas has avoided establishing a single specific meter location requirement guideline to enable applicants to meet the electric service needs.

However, the following basic meter location requirements are consistent and must be maintained for all new SoCalGas gas meter installations.

SoCalGas requires all meter set assembly (Meter, riser, fittings, etc.) locations to be:

- Protected from vehicular damage or other potential hazards (corrosive environment, etc.) either by location or engineered/installed protection when:
 - within 3' of
 - parking/garage spaces
 - single family residential driveways
 - commercial refuse containers
 - paved areas with curbs
 - within 8' of
 - multi-family or commercial driveways without SoCalGas approved barrier
 - freight or shipping docks
 - paved areas without curbs
 - when located away from the serving structure
 - within 40' of a road with a 40 MPH or greater speed limit

- 36 inches (measured from the closest gas facility in all directions) of a source of ignition. Sources of ignition include:
 - Electric Meter
 - Electrical Outlet (explosion proof electric outlets excluded)
 - Air Conditioner Condenser
 - Any other electrically powered device
- Require and maintain a 36" unobstructed, flat and level working space in front of the MSA measured from the structure wall face to enable operation and maintenance (see Figure 12 and 13).
- Meter Set Assembly (Meter, riser, fittings, etc.) cannot be placed within eight horizontal feet (96 inches) of an air inlet or intake of any forced air furnace, ventilating fan or central air conditioning unit.
- Customer House lines for single family structures must be located 11 to 19 inches horizontally from the gas riser depending upon meter capacity
- If potential hazards, unsafe conditions or access limitations exist, SoCalGas may locate the meter at or near the property line or away from the hazard. SoCalGas planners will determine the appropriate location after site inspection. Meter protection is usually required and is the builder's cost responsibility.

PREFERRED METER LOCATION

SoCalGas prefers meter installations to be:

- Outside, aboveground, and as close to the front of the structure as practical (typically within five feet of the structure's front wall but not closer than one foot from the front edge), provided there is little likelihood of damage by vehicles
- In a ventilated recess or enclosure provided by the developer and approved by SoCalGas. The enclosure must have a vapor proof seal. See Section 4.4.9 for more information.

DISCOURAGED METER LOCATIONS – ACCEPTABLE UPON SOCALGAS APPROVAL

SoCalGas discourages the following meter locations but may accept them when no other acceptable location for access and safety is reasonably available:

- Curb meter vaults
- Avoid locations inside carports or garage areas in or under buildings, except where there is no other satisfactory location, and then only if the customer provides a guard rail or other adequate protection from damage for the meters and service riser.
- Avoid locations under electric meters. Exception: Meters in built-in enclosures separated from electric meters by a vapor proof seal.
- On the wall of a building where meter dials are more than six feet above the ground level or above the ground floor of a building.
- Outside of a structure on a side where less than three feet exists between the foundation of the building and the lot or property line, except for an approved, ventilated, recessed opening in the wall of a building.
- In any location where it would be unsafe or subject to damage unless adequate protection is provided by a guard rail or fence. This protection must be provided by the builder or developer.

- Meters in vaults, operating at higher than standard delivery pressure.
- Under exterior stairways.
- New MSA installations within 6 feet of masonry-type chimney
- Gas Meter Rooms (see Section 4.4.10 for requirements)

PROHIBITED METER LOCATIONS

SoCalGas prohibits the following meter locations:

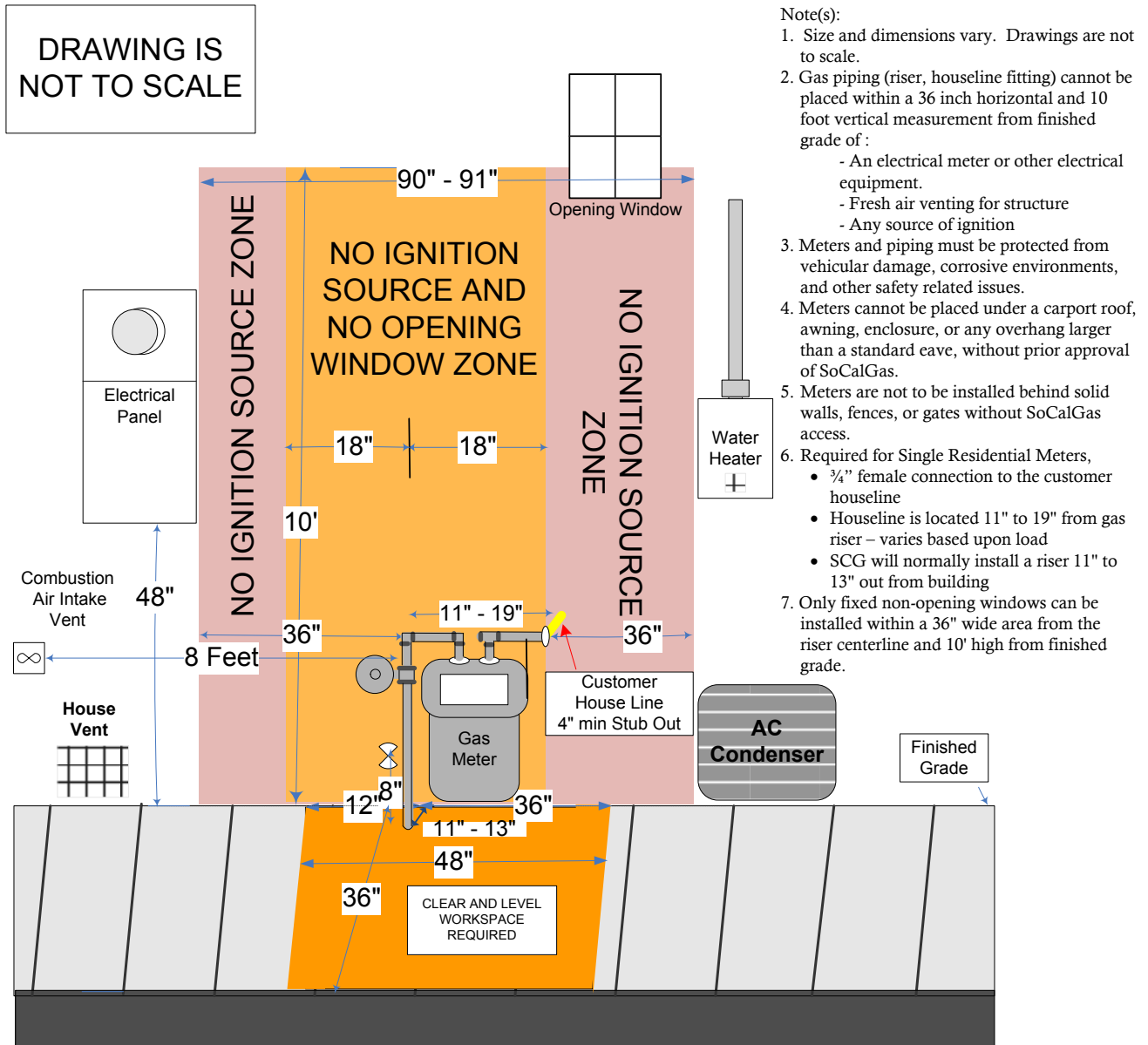
- Boiler room, heater room, engine room, electric meter room, elevator shaft or any room housing elevator machinery or equipment.
- In the same room or enclosure with any source of ignition or heat which may damage the meter unless meter is in a ventilated location and more than three horizontal feet away from the source of ignition or heat. See meter room requirements in Section 4.4.5.3.
- In living quarters or in a closet, under interior stairways, bathroom, shower room, or toilet room in any building. See Section 4.4.10 for meter room requirements
- Any location where corrosive substances may contact any gas facilities (meter, riser, piping, regulation, etc.) or impede meter operation
- Within 8 horizontal feet of the inlet of any forced air furnace, ventilating fan or central air conditioner
- Under outside fire escapes.
- In any unvented location, or any location inside or out, closer than three feet from a source of ignition.

SINGLE FAMILY RESIDENTIAL METER CONFIGURATIONS

For single family residential meters serving total connected loads below 1000 CFH (one million BTUs/HR), please refer to the SoCalGas Single Family Residential Gas Meter Set Separation and Clearance Guidance diagram for a graphical representation of meter separation requirements (Figure 12 and 13).

For total connected loads greater than 1000 CFH (1 million BTUs/HR), the meter set assembly may require additional space depending upon configuration. Your SoCalGas planner will advise of additional spacing requirements.

Figure 12 – New Single Residential Gas Meter Set Separation and Clearance Guidance Diagram



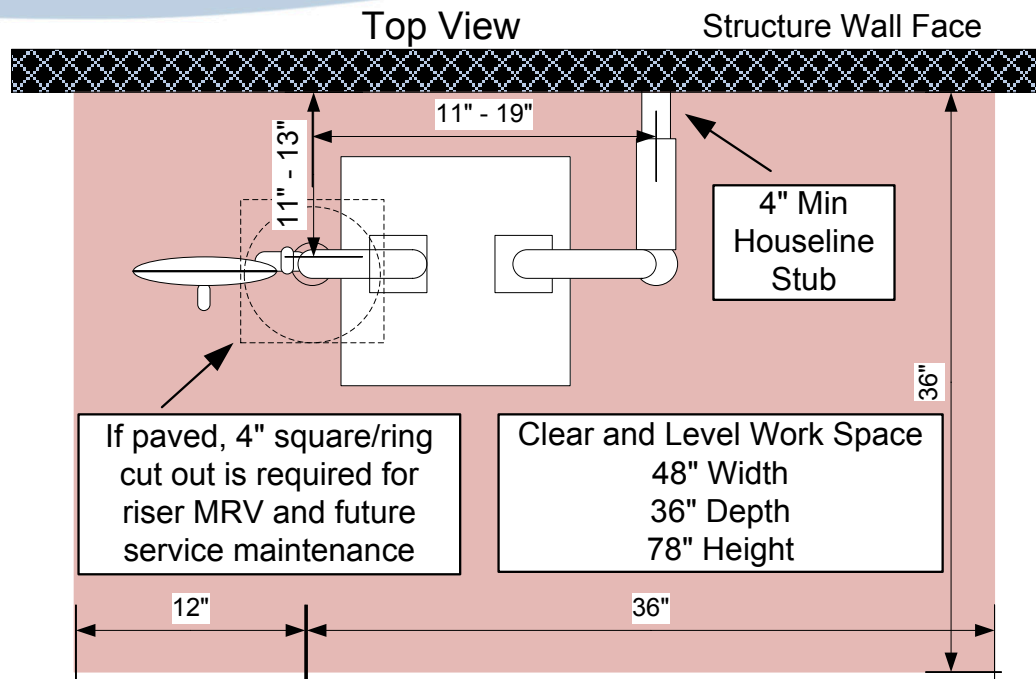


Figure 13 - Single Family Residential Standard Delivery Gas Meter Set - Top View

RESIDENTIAL MULTIPLE METER MANIFOLDS

Residential Multi-Family Meter Manifolds are used to serve premises that have multiple dwelling units within a structure and are located at a single location per structure preferably along a protected, exterior wall of the serving structure.

Multi-Meter Manifolds are available for dwelling unit diversified loads below 270 CFH (275K BTU/HR) and up to two tiers (not to exceed 60") in left hand, right hand or both right and left hand configurations. Special handling may be required for larger diversified loads

Typically, only standard delivery pressure is available for residential manifolds. However, to receive elevated pressure, the project must comply with the SoCalGas the Multi-Family Residential Elevated Pressure (2 psig program) requirements located in section 4.3.4 or the following link: [SoCalGas Multi-Family Res 2 PSIG Program](#)

Houseline spacing requirements typically range from 15" to 22" from riser to the first meter; 15" for all subsequent house lines. Builders are responsible for houseline identification. Your SoCalGas planner will confirm specific houseline spacing based upon manifold design.

A clear and level work space is required for the entire width of the manifold (up to 50') a minimum of 48" from the wall face and at least 78" height clearance. Protection from vehicle and other hazards is required when applicable.

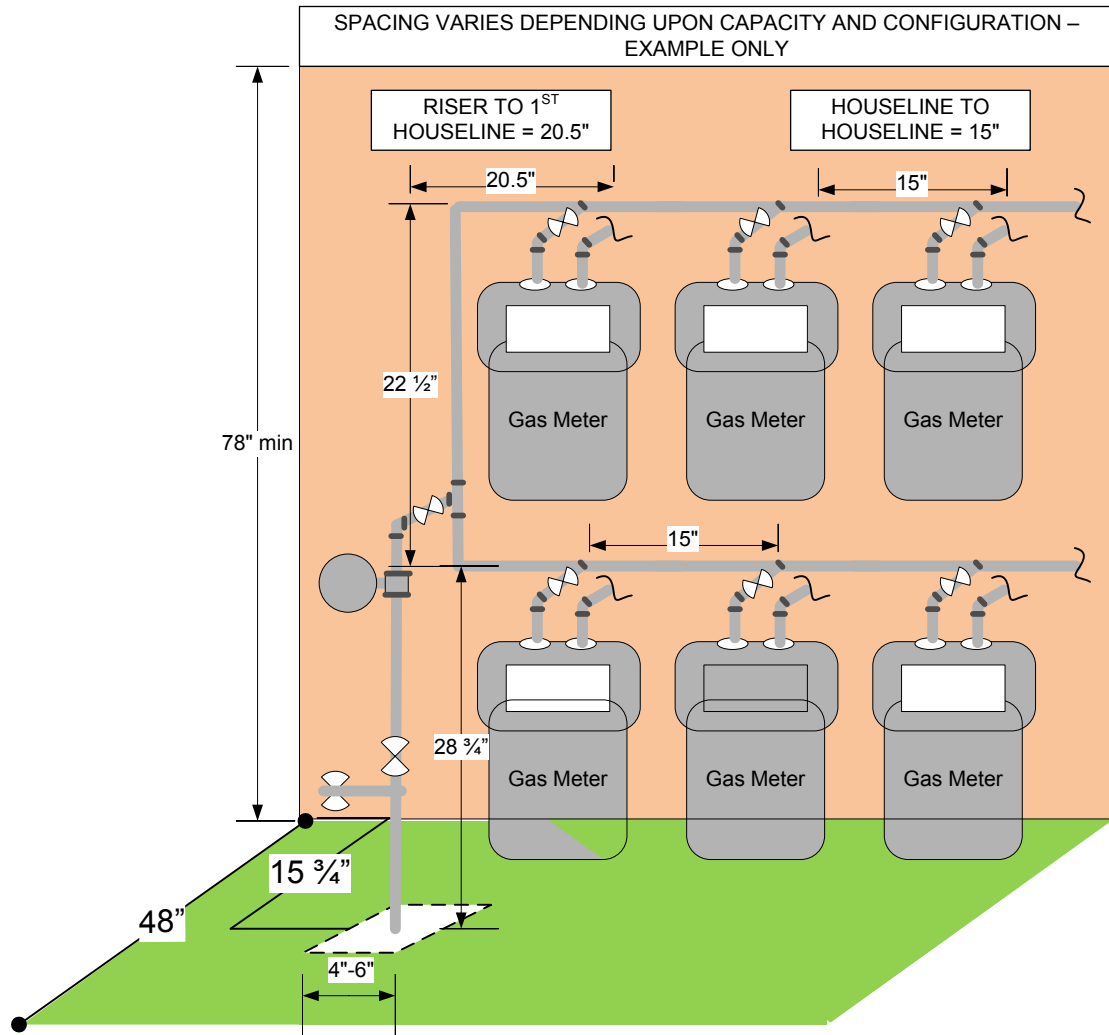


Figure 14 provides general guidance for multi-meter dimension requirements. It is a graphical representation and does not illustrate all parameters involved. Your SoCalGas planner will provide site specific requirements to configure the meter manifold to best serve your project.

NON-RESIDENTIAL SINGLE METER CONFIGURATIONS

Generally, Non-Residential single meter configurations fall under the same general guidelines as residential meters except that the distances from riser to houseline can vary from 18" for a standard delivery pressure under 270 CFH load, up to 136" or more for a large industrial meter with elevated pressure. Additional equipment such as filters, separators, equipment protection (monitor) regulation, bypass piping, valves or other components may be required to effectively serve the customer's needs. Although a 10'x3'x7' (WxDxH) area should serve most Non-Residential MSA applications, your SoCalGas planner will determine the most appropriate meter location and meter set assembly to serve your project.

Elevated Pressure (typically 5 psig) is available, upon written request, for qualifying non-residential applications. See section 4.3. for additional guidance.

NON-RESIDENTIAL MULTIPLE METER MANIFOLDS

Commercial meter manifolds are handled on a case specific basis. Contact your SoCalGas planner for further guidance about spacing and condition requirements.

METER CABINETS, RECESSES, AND ENCLOSURES

Meter cabinets, recesses, and enclosures must comply with the general meter location requirements outlined in sections 4.4.1 through 4.4.3. Additionally, they must comply with the following guidelines:

- Be gas tight at all interior seams and corners, including the seal around the houseline entrance into the recess/enclosure
- All seals must be permanent to prevent gas from entering into the building or walls. Materials such as silicone based compounds can be used to make permanent seals
- Meter recess interiors can be the same material as the structure's exterior provided it is gas tight. If additional sealing is required, it must be completed before MSA installation
- Meter cabinets can be surface mounted or partially recessed.
- Meter cabinets must be pre-approved by SoCalGas to be used
- Only gas-related facilities are allowed within a gas meter recess/enclosure. Foreign equipment (such as electrical conduits, water lines, telephone or TV cable, etc.) is prohibited. Gas meter recess/enclosure are not to be used as storage areas.
- Electric metering and any other potential sources of ignition must be a minimum of 3 feet from the MSA. No potential sources of ignition are permitted above a gas meter recess, cabinet or enclosure at any time
- No doors, lattice work or covers of any type are permitted on the meter recess. The entire opening of the recess must be clear for installation and maintenance of the MSA.
- A minimum three-foot clear and level working space must be maintained in front of the cabinet, enclosure or recess opening to a height of 78" above final grade.
- The wall area above the cabinet, enclosure or recess must be free of projections that might present a hazard to personnel servicing the MSA.
- The bottom floor of the recess or enclosure may be earth or paved and must be graded to prevent water from collecting inside the recess. If recess floor is paved, an opening 4 inches in diameter or four- inch square sleeve must be provided around the riser. The required riser location is inside the recess and outside of the cabinet/enclosure.
- The recess walls and ceiling where they meet the exterior wall must be uncased and without open joints or other interruptions to the exterior wall finish.
- The ceiling must have a slope from back to front as shown in Figure 15 through 20 to facilitate escape of gas to the outside.
- Meter stacking is limited to two for ground level sets.
 - Minimum dimensions for single MSAs, as shown in Table 3, must be met before the MSA can be installed.
 - Minimum recess dimension requirements for <270 CFH multiple meter installations are:
 - Side by side: add 15" to width of a single meter recess to a maximum of 21 feet, and,
 - Stacked: add 30" to height for second row of meters. If more than one size meter is to be installed, size the recess to accommodate largest meter. Site specific review and approval is necessary to assure spacing. See Table 3.

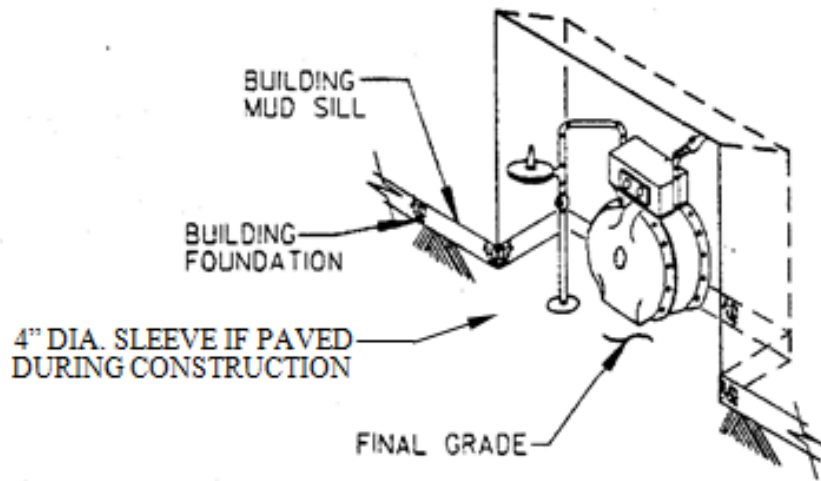
Table 3 - METER RECESS DIMENSIONS AND RISER AND HOUSELINE SPACING RECESS DIMENSIONS (FIGURE 15)

STANDARD DELIVERY PRESSURE

METER SIZE	RISER TO BACK WALL	RISER TO HOUSELINE (HORIZ.)	MIN. HEIGHT	MIN. WIDTH	DEPTH
	A	B	C	D	E
175-415	12"	19"	48"	36"	24"
675	12"	24"	54"	48"	24"
1000	12"	34"	54"	48"	24"
8C 175	14"	24"	54"	48"	24"
1.5M 175	14"	26"	54"	48"	24"
3M 175	16"	36"	54"	60"	24"
5M 175	16"	42"	54"	72"	24"
7M 175	18"	45"	54"	84"	24"
11M 175	20"	54"	60"	96"	24"
16M 175	22"	76"	60"	120"	24"

ABOVE STANDARD DELIVERY PRESSURE

METER SIZE	RISER TO BACK WALL	RISER TO HOUSELINE (HORIZ.)	MIN. HEIGHT	MIN. WIDTH	DEPTH
415-8C 175	12"	36"	48"	60"	24"
1.5M 175	12"	60"	60"	78"	24"
3M 175	16"	66"	60"	84"	32"
5M 175	16"	86"	60"	96"	32"
7M	18"	130"	60"	144"	35"
11M 175	20"	136"	60"	150"	35"



GAS METER RECESS

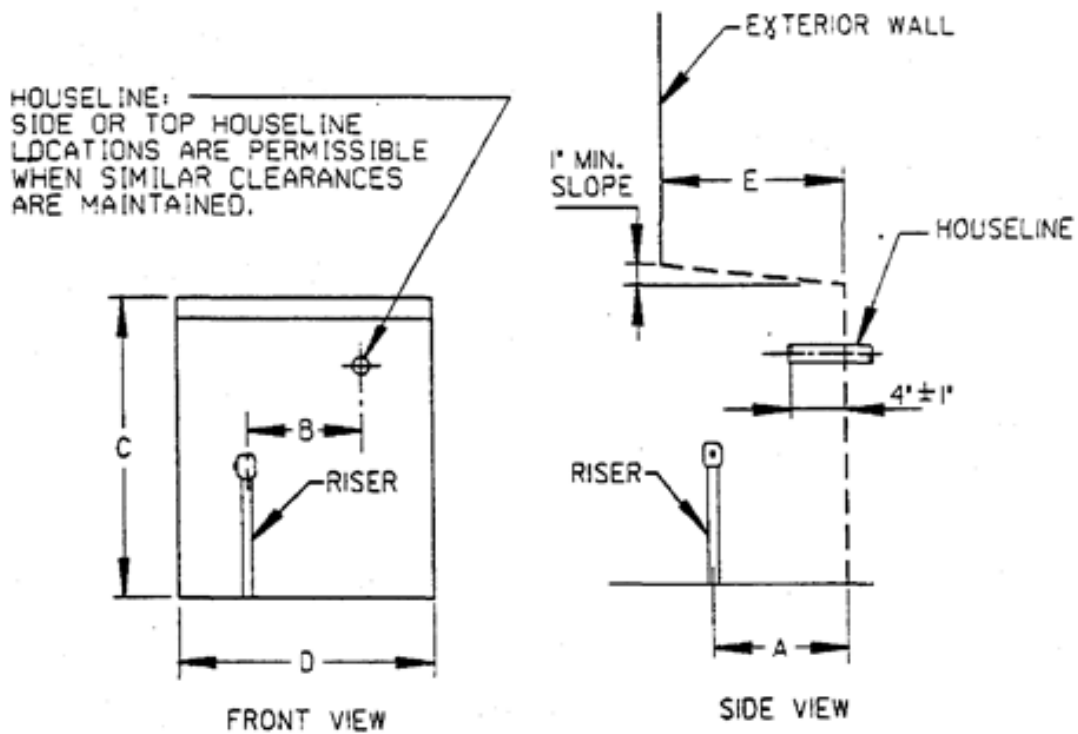
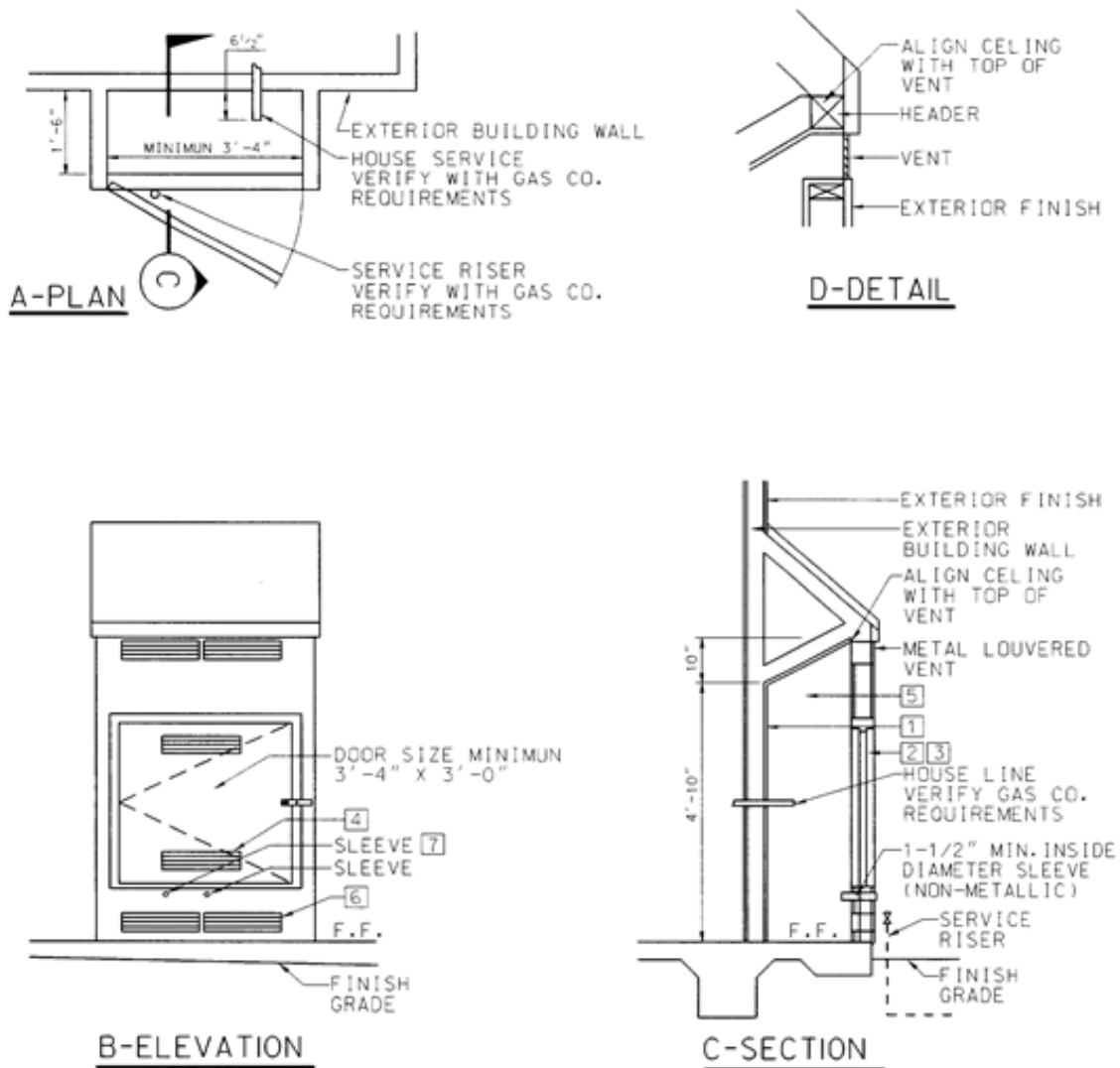


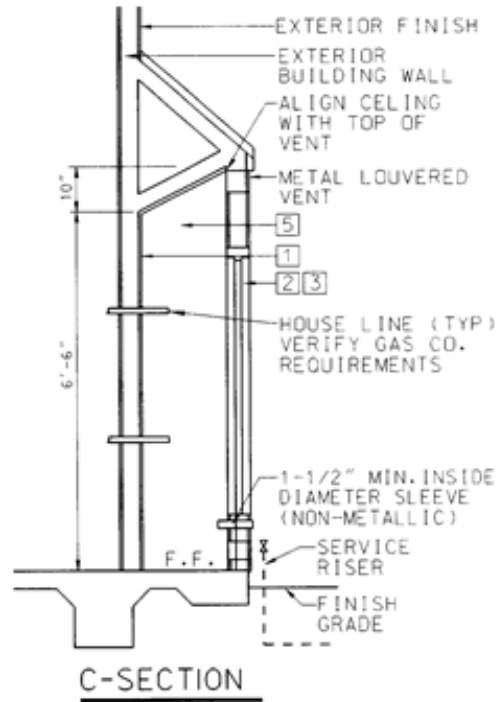
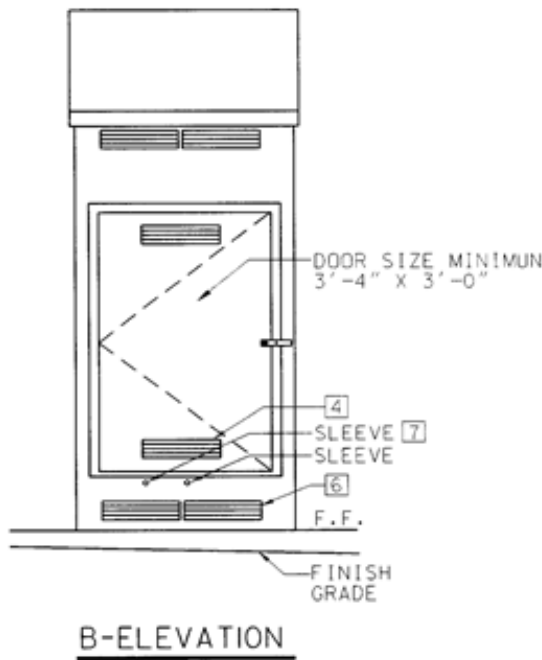
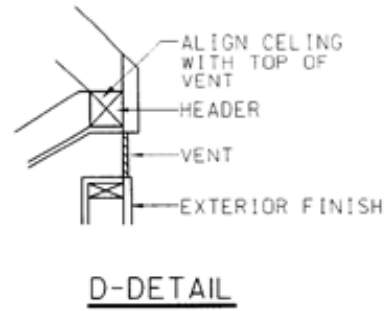
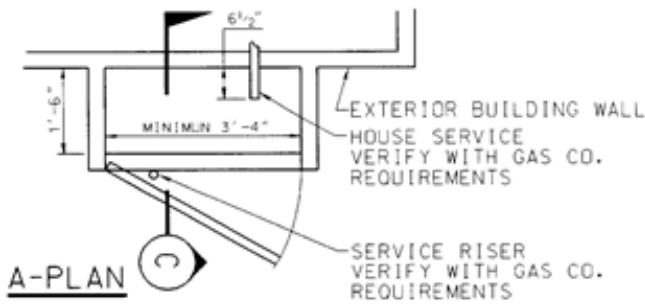
Figure 15 - Gas Meter Recess Guidelines



1. ACCEPTABLE INTERIOR FINISH MATERIALS:
 - A. 7/8" EXTERIOR PLASTER
 - B. EXPOSED MASONRY
 - C. EXPOSED CONCRETE
2. PROVIDE 1 PAIR BUTT HINGES PER DOOR FOR SINGLE METER ENCLOSURE
3. ACCESS DOOR SHALL BE 1 3/4" HOLLOW METAL OR METAL CLAD WITH PADLOCK LATCH
4. DOOR LOUVER VENT 60 SQ. INCHES TOP AND BOTTOM EACH DOOR
5. PROVIDE SEALED JOINTS THROUGHOUT INTERIOR OF METER ENCLOSURE
6. 4"H X 16"W LOUVERED VENT PROVIDE MIN. 100 SQ. INCHES TOP AND BOTTOM
7. SLEEVE LOCATION

GAS METER ENCLOSURE	SLAB ON GRADE CONDITION SINGLE METER, SURFACE MOUNT		
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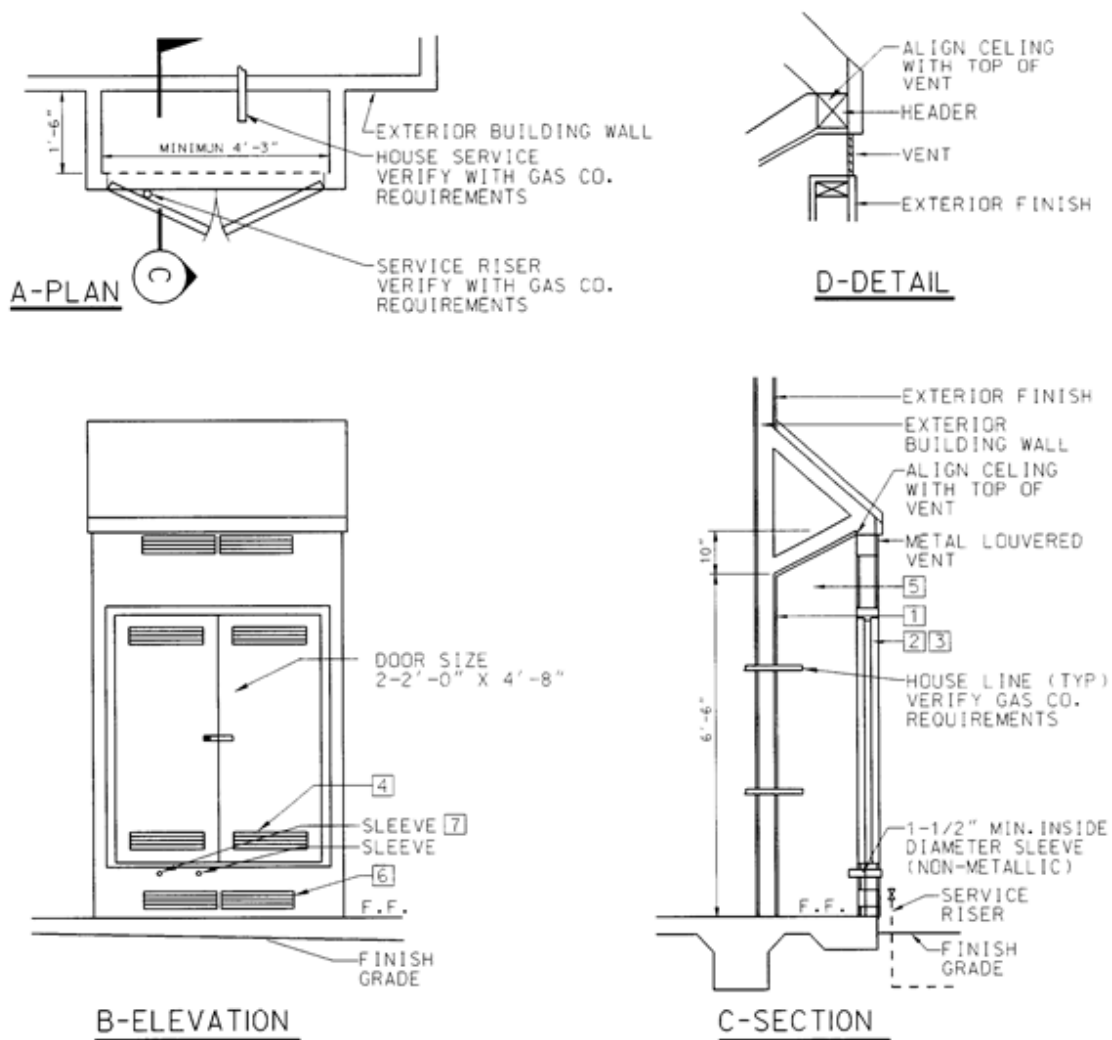
Figure 16 - Gas Meter Enclosure – Single Meter Surface Mount



1. ACCEPTABLE INTERIOR FINISH MATERIALS:
 - A. 1/8" EXTERIOR PLASTER
 - B. EXPOSED MASONRY
 - C. EXPOSED CONCRETE
2. PROVIDE 1 PAIR BUTT HINGES PER DOOR FOR SINGLE METER ENCLOSURE
3. ACCESS DOOR SHALL BE 1 3/4" HOLLOW METAL OR METAL CLAD WITH PADLOCK LATCH
4. DOOR LOUVER VENT 80 SQ. INCHES TOP AND BOTTOM EACH DOOR
5. PROVIDE SEALED JOINTS THROUGHOUT INTERIOR OF METER ENCLOSURE
6. 4"H X 16"W LOUVERED VENT PROVIDE MIN. 100 SQ. INCHES TOP AND BOTTOM
7. SLEEVE LOCATION

GAS METER ENCLOSURE	SLAB ON GRADE CONDITION TWO METERS, SURFACE MOUNT		
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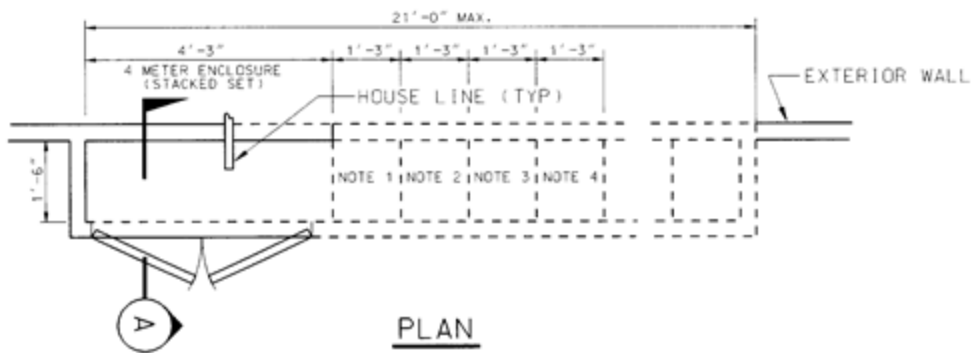
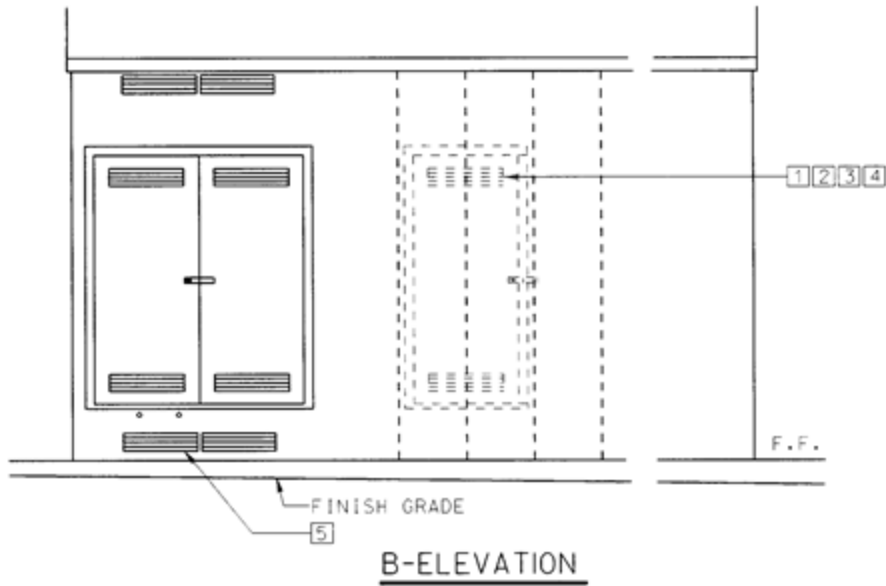
Figure 17 - Gas Meter Enclosure – Dual Meter Surface Mount



1. ACCEPTABLE INTERIOR FINISH MATERIALS:
 - A. 7/8" EXTERIOR PLASTER
 - B. EXPOSED MASONRY
 - C. EXPOSED CONCRETE
2. PROVIDE 1 PAIR BUTT HINGES PER DOOR FOR SINGLE METER ENCLOSURE
3. ACCESS DOOR SHALL BE 1 3/4" HOLLOW METAL OR METAL CLAD WITH PADLOCK LATCH
4. DOOR LOUVER VENT 120 SQ. INCHES TOP AND BOTTOM EACH DOOR
5. PROVIDE SEALED JOINTS THROUGHOUT INTERIOR OF METER ENCLOSURE
6. 4"H X 16"W LOUVERED VENT PROVIDE MIN. 100 SQ. INCHES TOP AND BOTTOM
7. SLEEVE LOCATION

GAS METER ENCLOSURE	SLAB ON GRADE CONDITION FOUR METERS. SURFACE MOUNT		
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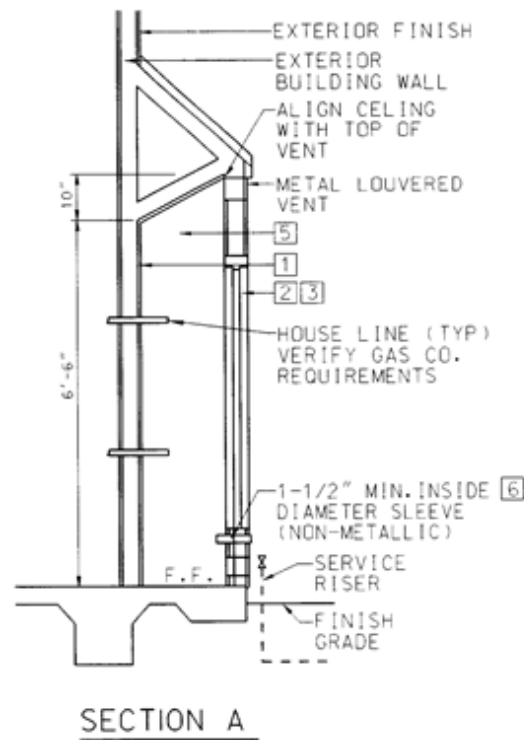
Figure 18 - Gas Meter Enclosure – 4 Meters Surface Mount



1. FOR 2 ADDITIONAL METERS :
NO ADDITIONAL DOORS REQUIRED
2. FOR 4 ADDITIONAL METERS :
ADD 1-2'-0" X 4'-8" DOOR
3. FOR 6 ADDITIONAL METERS :
ADD PAIR-2'-0" X 4'-8" DOOR
4. FOR 8 ADDITIONAL METERS :
NO ADDITIONAL DOORS REQUIRED
5. 4"H X 16"W LOUVERED VENT PROVIDE MIN.
100 SQ. INCHES TOP AND BOTTOM.
FOR ADDITIONAL DOORS, ADD 4"H X 8"W
LOUVERED VENTS MIN. 50 SQ. INCHES
TOP AND BOTTOM

GAS METER ENCLOSURE	SLAB ON GRADE CONDITION MULTIPLE METER ENCLOSURE FOUR OR MORE METERS		
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Figure 19 - Gas Meter Enclosure – 4 or more Meters Surface Mount



- | | |
|--|--|
| <ol style="list-style-type: none"> 1. ACCEPTABLE INTERIOR FINISH MATERIALS:
 A. 1/8" EXTERIOR PLASTER
 B. EXPOSED MASONRY
 C. EXPOSED CONCRETE 2. PROVIDE 1 PAIR BUTT HINGES PER DOOR FOR SINGLE METER ENCLOSURE 3. ACCESS DOOR SHALL BE 1 3/4" HOLLOW METAL OR METAL CLAD WITH PADLOCK LATCH | <ol style="list-style-type: none"> 4. DOOR LOUVER VENT 100 SQ. INCHES TOP AND BOTTOM EACH DOOR 5. PROVIDE SEALED JOINTS THROUGHOUT INTERIOR OF METER ENCLOSURE 6. SLEEVE LOCATION |
|--|--|

GAS METER ENCLOSURE	SLAB ON GRADE CONDITION MULTIPLE METER ENCLOSURE FOUR OR MORE METERS		
---------------------	--	--	--

Figure 20 - Gas Meter Enclosure – 4 or more Meters Surface Mount side view

METER ROOM REQUIREMENTS

Meter rooms are defined as any closed space intended to contain gas meters. Builders must notify SoCalGas of their intent to create a gas meter room during their project's architectural design phase. All meter rooms must comply with local codes and ordinances **AND** the following SoCalGas requirements:

LOCATION

- Meter Rooms with an above grade location and at least one wall with an access door to the outside are strongly preferred.
- Basements, lower or elevated floor levels without direct outside access are only considered when no other acceptable location is available and if approved may incur a Special Facility Ownership Charge (above obligated service). See Rule 2 Section O for Special Facility details.

ELECTRICAL

- All electrical equipment, lighting fixtures and switches shall meet NFPA Volume 70 requirements for Class I Division 2 Group D Locations
- The Gas Meter Room light switch shall be located outside of the room adjacent to the entry door with switch function identification
- No electrical receptacles are permitted inside a Gas Meter Room
- Any electrical power requirements for SoCalGas measurement and/or communications equipment will be specified on a project specific basis by SoCalGas Gas Engineering

VENTILATION

- A ventilation system meeting the requirements of SoCalGas, California Building Code, California Mechanical Code and all applicable local codes and ordinances shall be provided with the capacity for an air exchange rate of:
 - For a naturally ventilated enclosed area or meter room, the minimum area for inlet and outlet opening in buildings to obtain a complete air exchange in five minutes (twelve air exchanges per hour).
 - For a mechanical ventilated enclosed area or meter room, at least six air exchanges per hour are required
 - Builders must submit calculations and documentation that are approved (stamped and signed) by a California licensed Professional Engineer demonstrating that the ventilation system for the Gas Meter Room satisfies all codes and ordinances.

SECURITY/ACCESS

- Entry doors shall be locked and provided with a lockbox located near the door containing a door key or they shall be secured with a double lock arrangement that allows access to the room by SoCalGas personnel as well as the property owner.
- In accordance with SoCalGas Rule 25 (Company's Right of Ingress to and Egress from Customer's Premises) the property owner shall provide SoCalGas with access to the Gas Meter Room at all times including emergency response, meter reading, system testing, inspection and maintenance.

SIGNAGE

- The access door(s) shall be identified with signs stating: “Gas Meter Room”; “Contains Flammable Gas” and “No Smoking Permitted”
- Additional “No Smoking” signs shall be posted on at least two (2) interior walls of the Gas Meter Room

CONSTRUCTION

- An outside shut off valve shall be installed in the service line in a location accessible at all times for emergency shut down
- Only gas related facilities are allowed in the Gas Meter Room. Other facilities, equipment or materials are prohibited and the room shall not be used for storage purposes at any time.
- All interior surfaces, joints and openings (penetrations) shall be sealed gas-tight to prevent gas from leaking into the building using a non-hardening silicone based compound. Doors that do not open to the outside shall seal gas-tight when closed.
- Floor drains are not permitted in a Gas Meter Room.
- All interior walls, ceilings, floors and doors shall be fire rated for a minimum of 2 hours or as specified in the California Building Code for Group H Division 1 occupancies.
- Gas Meter Room minimum dimensions will be specified by your SoCalGas planner to allow sufficient working space for construction and maintenance. The room height shall be a minimum of 7.5 feet and a maximum of 10 feet.
- Any facilities/conduits/openings (penetrations) required for gas measurement and/or communications equipment will be specified on a project specific basis.

EQUIPMENT VENT PIPE

- The Builder shall provide the number and size holes (penetrations) specified by your SoCalGas planner through the exterior wall to the outside to facilitate vent piping for gas regulating and control equipment and for purging during maintenance operations.
- For Gas Meter Rooms without a wall with exterior access, the Builder shall install a separate steel vent pipe for each pressure regulating and control device. Additionally, the Customer shall install one steel vent pipe for purging gas during maintenance operations. Each steel vent pipe shall be at a location specified by SoCalGas and shall adhere to the following requirements:
 - All vent piping shall be steel material and consist of standard welded or threaded pipe, pipe nipples and fittings that are approved for use by the SoCalGas (CSST tubing is prohibited for use in vent piping).
 - Each vent pipe shall be the same size or larger as the size of each regulator vent
 - Never downsize or decrease the size of vent piping
 - The size of vent pipe shall be increased by one nominal pipe diameter for every 25 feet of vent pipe.
 - Always provide one vent pipe per regulator vent
 - Never combine vent pipes into one pipe.
 - Each vent pipe shall be marked to identify the regulator or device to which it is connected.

- All vent pipes shall be installed so as to avoid liquid traps and shall be routed to the outside of the building to a “safe” location. They shall be terminated with a fitting designed to prevent the entry of insects, foreign material or moisture.
- A “safe” location for the terminus of vent piping shall avoid tripping or public hazards and be a minimum of 8 feet from any air intake, fresh air vent or building opening and a minimum of 3 feet from electric meters or any potential source of ignition

BUILDER OWNED PIPING (HOUSE LINE)

- All piping shall be steel and constructed in accordance with NFPA 54 and all local codes and ordinances
- It must be adequately supported to minimize structural load on the MSA.
- It shall not interfere in any way with the installation, operation and maintenance of SoCalGas equipment.
- When flexible corrugated stainless steel tubing (CSST) is used, it shall be connected to the MSA outlet with standard threaded pipe fittings and steel pipe or pipe nipples properly supported and approved by SoCalGas.

APPLICANT-OWNED AND INSTALLED GAS PIPING (E.G., HOUSELINE), VALVES, AND SHUT-OFF DEVICES

SERVICE DELIVERY POINT

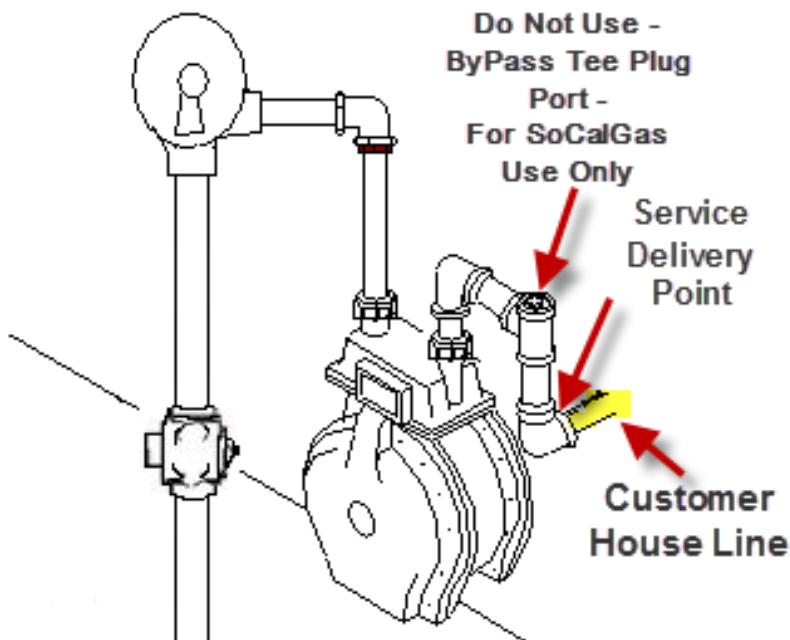


Figure 21 - Gas Meter Service Delivery Point

The gas service delivery point is where SoCalGas’s facilities connect to the Builder Owned gas piping or houseline.

This is applicable for most residential and small commercial meter set assemblies. Please see Figure 21.

For larger commercial and industrial installations, the service delivery point is located downstream of or after all SoCalGas gas facilities and where customer piping commences. Typically, it's where the customer's piping is welded to SoCalGas's piping connected downstream of the by-pass valve assembly.

IMPORTANT NOTE:

- ❖ Use of the bypass tee outlet plug port is strictly prohibited. The plug port is used by SoCalGas to perform MSA service and maintenance.
- ❖ Builders are prohibited from connecting to or installing fittings on the SoCalGas owned MSA (upstream of or before the service delivery point).
- ❖ If necessary, Builders must install bracing for house line support.
- ❖ A flexible houseline connection to the service delivery point is strictly prohibited (except for Mobile Home applications).

ADVANCED METER LOCATION REQUIREMENTS

As part of SoCalGas's Advanced Meter program, all newly installed SoCalGas meters will have the ability to be read and monitored remotely. To do so may require SoCalGas to install either a remote module or repeating device to ensure proper radio frequency transmissions. This necessary equipment may be installed on nearby gas facilities, interior walls or an outside location.

LOCATION OF APPLICANT OWNED VALVES, STEP-DOWN REGULATORS, AND AUTOMATIC SHUT-OFF DEVICES

Builders are responsible for maintaining customer installed and owned gas piping (yard or house lines), valves, regulators, shut-off devices, or any other piping component on the premise affixed to the gas system.

Builder installed and owned equipment must not interfere or obstruct the operation or maintenance of SoCalGas's piping, regulation, or meter equipment. If Builder equipment is found to obstruct SoCalGas gas facilities, gas service may be discontinued until equipment no longer impedes SoCalGas equipment operation.

For new construction,

- Builder owned step-down regulation, valves, or other gas controlling equipment should be located no higher than 48" above finished grade or flooring.
- Due to safety concerns, SoCalGas employees cannot perform initial meter and gas turn-on if there is gas controlling equipment that requires use of engineered lifts or ladders to access.

MARKING HOUSE LINES FOR MULTIPLE METER LOCATIONS

Builders are responsible for identifying/marketing outlet house lines for SoCalGas connection. Markings must:

- Be permanent, prominent and legible at the service connection point
- Identify the specific dwelling unit's street address, equipment location, or building, etc. to be served.
- SoCalGas will not install meters until house lines are accurately identified.

GROUNDING GAS PIPE

Applicants must ensure that house line gas pipe is electrically bonded and grounded. They must comply with local codes and ordinances, regulations, and standards on electric bonding and grounding.

Applicants must **not** allow gas pipe to be used as described below.

- Do **not** allow house line gas pipe to be electrically bonded to SoCalGas gas service piping, gas risers, or meter facilities. Also, do **not** allow gas pipe to be electrically bonded to the inside of meter enclosures, cabinets, or meter rooms.
- Do **not** use SoCalGas's gas service piping, risers, or meter facilities for electric grounding or in a manner that allows the gas piping or other gas facilities to become current-carrying conductors.

PROTECTIVE EQUIPMENT

SoCalGas's gas metering equipment can be adversely affected when a Customer's equipment causes:

- Pulsations in the gas flow
- Sudden changes in flow rate
- A backflow condition

Customers must install, at their expense, any equipment necessary to mitigate or eliminate these detrimental effects. SoCalGas will review and approve installations before re-initiating gas service. Applicants must add any necessary protective equipment when their operations change and those changes could result in adverse metering conditions.

SoCalGas may terminate service and refuse to restore that service if the identified issues are not resolved promptly or the Customer disregards SoCalGas notifications and continues to operate without proper protective equipment.

Customers are responsible for damages made to SoCalGas equipment due to failure to install proper protective equipment.



APPENDIX

FORMS

Forms 1 - Residential Gas Service Application



REQUEST FOR RESIDENTIAL GAS SERVICE

Please type or use legible BLOCK lettering to complete form

SCG USE ONLY

ASSIGNED PLANNER: _____

PROJECT INFORMATION

PROJECT LOCATION (REQUIRED)	CITY	COUNTY
CROSS STREET	TRACT(S)	LOT(S)

APPLICANT INFORMATION

Either a Social Security # or Tax ID # is REQUIRED for up-front allowance

NAME - As it should appear on the Contract	SOCIAL SECURITY #	TAX ID	DAY PHONE # (w/Area Code)
STREET ADDRESS (Include Apt/Suite, or Bldg Info - No P.O. Box)	CITY	STATE	ZIP CODE
PARENT COMPANY NAME <small>(if applicable)</small>			
MAILING ADDRESS (if different than street address)	CITY	STATE	ZIP CODE
CONTACT NAME & TITLE (if different from applicant)	DAY PHONE # (w/area code)	FAX # (w/area code)	
EMAIL ADDRESS FOR CONTRACT DELIVERY (REQUIRED)	CELL 1 # (w/area code)	CELL 2 # (w/area code)	

CONSTRUCTION CONTACTS (If different than Applicant such as Utility Consultants and/or Construction Trench Provider)

NAME	TITLE	EMAIL ADDRESS	DAY # (w/AC)	CELL # (w/AC)

PROJECT TIMELINE

REQUESTED GAS PIPE INSTALL DATE (REQUIRED):		REQUESTED GAS METER TURN ON DATE:	
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CONSTRUCTION INFORMATION

GAS INSTALLATION REQUESTED (Check One):	CONSTRUCTION TYPE (Check One):	INSTALLATION METHOD:
<input type="checkbox"/> Gas Line to Structure w/Meter(s) <input type="checkbox"/> Meter(s) Only <input type="checkbox"/> Sub-Division/Tract Dev <input type="checkbox"/> Extend Stub(s) in Tract	<input type="checkbox"/> Single Family <input type="checkbox"/> Condominiums <input type="checkbox"/> Apartments <input type="checkbox"/> Other	<input type="checkbox"/> Utility Company Provided Gas Only Trench <input type="checkbox"/> Applicant Provided Gas Only Trench <input type="checkbox"/> Applicant Provided Joint Trench

LOAD INFORMATION

Planned # of Dwelling Units: _____ SCG Marketing Representative, if known: _____

Planned # of Central or Community Facilities (Recreation Center, Pool Heater, Spa, Laundry Room, Etc.) _____

Gas Appliance	Quantity	MBTU	Gas Appliance	Quantity	MBTU
<input type="checkbox"/> Gas Range (Cooktop)			<input type="checkbox"/> Clothes Dryer Stub		
<input type="checkbox"/> Gas Oven			<input type="checkbox"/> Fireplace Stub		
<input type="checkbox"/> Water Heater - Tank (standard)			<input type="checkbox"/> Patio Stub		
<input type="checkbox"/> Water Heater - Tankless			<input type="checkbox"/> Natural Gas Powered Spa/Pool Heater		
<input type="checkbox"/> Space Heating - Furnace, Wall Heater, etc.			<input type="checkbox"/> Natural Gas Powered Air Conditioning		

Other Gas Appliances (List): _____ Please provide information on: Applicant Design

APPLICANT INSTALLATION OPTIONS

Applicant Install - Rule section C requires applicant to receive a competitive gas installation bid, if desired. If the AI bid option is selected, a gas line extension may be installed by applicant's SoCalGas certified and approved Installer and installed per SoCalGas design and installation specifications.

If selected, the Applicant is responsible for, not limited to, all applicable permits, paving, trenching, approved material, and SoCalGas inspection. SoCalGas does not refer or recommend applicant Installer's to Applicants due to anti-competitive preferential treatment rules.

Please select one (REQUIRED): Option 1 - SoCalGas Install Option 2 - Request Applicant Install Competitive Bid Information

Application Submitted By:	Title:	Date:
---------------------------	--------	-------

Please save form as "Zip Code-Project Location" i.e. "90013-555 W 5th St." and Submit saved file to SoCalGas by either E-mail or Fax:

E-Mail to newbusinessprocessteam@semprautilities.com or Fax to (866) 593-7380

Forms 2 - Non Residential Gas Service Application



REQUEST FOR NON-RESIDENTIAL GAS SERVICE

SCG USE ONLY
ASSIGNED PLANNER: _____

Please type or use legible BLOCK lettering to complete form

PROJECT INFORMATION								
PROJECT LOCATION (REQUIRED)				CITY				
CROSS STREET				COUNTY				
APPLICANT INFORMATION								
<small>Either a Social Security # or Tax ID # is REQUIRED up-front allowance</small>								
NAME - As it should appear on the Contract			SOCIAL SECURITY #		TAX ID	DAY PHONE # (w/Area Code)		
STREET ADDRESS (include Apt/Suite, or Bldg Info - No P.O. Box)				CITY		STATE	ZIP CODE	
PARENT COMPANY NAME <small>(if applicable)</small>								
MAILING ADDRESS (if different than street address)				CITY		STATE	ZIP CODE	
CONTACT NAME & TITLE (if different from applicant)				DAY PHONE # (w/area code)		FAX # (w/area code)		
EMAIL ADDRESS FOR CONTRACT DELIVERY (REQUIRED)				CELL 1 # (w/area code)		CELL 2 # (w/area code)		
CONSTRUCTION CONTACTS (If different than Applicant such as Utility Consultants and/or Construction Trench Provider)								
NAME		PHONE		ADDRESS		DAY # (w/AC)	CELL # (w/AC)	
PROJECT TIMELINE								
REQUESTED GAS PIPE INSTALL DATE (w/area code):				REQUESTED GAS METER TURN ON DATE				
CONSTRUCTION INFORMATION								
GAS INSTALLATION (Check One)			CONSTRUCTION (Check One):			INSTALLATION METHOD		
<input type="checkbox"/> Gas Line to Structure w/Meter(s) <input type="checkbox"/> Meter(s) Only			<input type="checkbox"/> New Construction <input type="checkbox"/> Existing (acct #) _____			<input type="checkbox"/> SoCalGas Provided Trench <input type="checkbox"/> Applicant Provided Gas Only Trench <input type="checkbox"/> Applicant Provided Joint Trench		
LOAD INFORMATION (Please list all gas equipment and load - Each meter requires a separate form to determine meter size)								
No.	Equipment	Equipment Function	Quantity	Equip Input per Unit MBTU/Hr	Operating Schedule			Alt. Fuel Type ?
					Hrs/Day	Days/Wk	Wk/Year	
1	Boiler	Space Heating	1	2500	6	5	24	Propane
Gas Pressure Requested: <input type="checkbox"/> Standard (8" Water Column) <input type="checkbox"/> Elevated Pressure				SoCalGas Marketing Rep, if known: _____				
Please provide information on:							<input type="checkbox"/> Applicant Design	
APPLICANT INSTALLATION OPTIONS								
Applicant Install - Rule 20 section G allows the applicant to receive a competitive gas installation bid, if desired. If the AI bid option is selected, a gas line extension may be installed by the Applicant's SoCalGas certified and approved Installer and installed per SoCalGas design and installation specifications.								
If selected, the Applicant is responsible for, but not limited to, all permits, paving, trenching, approved material, and SoCalGas inspection. Additional information is available. SoCalGas does not refer or recommend Applicant Installer's to Applicants due to anti-competitive preferential treatment rules.								
Please select one (REQUIRED): <input type="checkbox"/> Option 1 - SoCalGas Install <input type="checkbox"/> Option 2 - Request Applicant Install Competitive Bid Information								
Application Submitted By:			Title:			Date:		

Please save form as: "Zip Code-Project Location" i.e. "90013-555 W 5th St." and
 Submit saved file to SoCalGas by either E-mail or Fax:
 E-Mail to newbusinessprocessteam@semprautilities.com or Fax to (866) 593-7380 Form 5 (09/2010)

Forms 3 - Will Serve Letter



A  Sempra Energy utility®

February 14, 2013

Attn: Interested Party

RE: Will Serve Letter Request for –
Address Location of Intended Gas Use
Job I.D. #

Dear Interested Party,

Thank you for inquiring about the availability of natural gas service for your project. We are please to inform you that the Southern California Gas Company has facilities in the area where the above named project is proposed. The service would be in accordance with the Company's policies and extension rules on file with the California Public Utilities Commission at the time contractual arrangements are made.

This letter is not a contractual commitment to serve the proposed project, but is only provided as an informational service. The availability of natural gas service is based upon conditions of gas supply and regulatory agencies. As a public utility, Southern California Gas Company is under the jurisdiction of the California Public Utilities Commission. Our ability to serve can also be affected by actions of federal regulatory agencies. Should these agencies take any action, which affects gas supply or the conditions under which service is available, gas service will be provided in accordance with the revised conditions. This letter is also provided without considering any conditions or non-utility laws and regulations (such as environmental regulations), which could affect actual construction of a main or service line extension (for example, if hazardous wastes were encountered in the process of installing the line). Those, of course, can only be determined around the time contractual arrangements are made and construction is begun.

If you need assistance choosing the appropriate gas equipment for your project, or would like to discuss the most effective applications of energy efficiency techniques, please contact our area Service Center at 800-427-2000.

Thank you again for choosing clean, reliable, and safe natural gas, your best energy value.

Sincerely,

Southern California Gas Company

Forms 4 - Line Extension Contract



Line Extension Contract

Reference:
Gas Company Project #: 0000000000
Project Location: 831 E. Any Street

07/01/2002

Peter Applicant
Owner
Powder Tools Inc.
831 E Any Street
Los Angeles, CA 90001

Project Scope:

(1) Residential, (2) single family, project located at (3) 685 San Benito Ln. and (4) Yolo Way, in the city of Lake Arrowhead (5), county of San Bernardino, (6) Tract 8053. (7)

Install (8) Main, Stub, Service / Meter, Additional Meter, Service Reinforcement, 2nd Service, Temporary Service to (9) [41] planned dwelling units (10) Applicant Design Applicant Install, in Applicant provided joint trench.

The engineering required for the installation of the gas facilities as described above in the Project Scope, based on the information you have provided us, has been completed. The attached Exhibit A dated 07/01/2002 details the estimated costs and allowances, and also indicates any advances or contributions, if required at this time.

Please provide us with an address list for the property, if applicable including any internal apartment or unit numbers or letters as quickly as possible. This will assist us in providing timely installation of the requested gas meters and/or refunds of your refundable advances.

To acknowledge your receipt of the Exhibit A, confirmation of the scope of the Project, and receipt and agreement with the enclosed General Conditions, please have this letter executed by your authorized representative(s) (owner or corporate officer) and return two pages to The Gas Company representative listed below. Your return of the executed copy of this letter plus any required advance will constitute your request to The Gas Company to schedule the installation and your agreement to Exhibit A and the General Conditions. Timely return of this letter will ensure that your construction is not delayed. A copy of the letter has been provided for your records.

Thank you for this opportunity to provide you with natural gas to serve your energy requirements. We are pleased to have you as a Gas Company customer and want to provide you with the best possible service. If you have any questions, please contact me at (910) 605-4121.

Sincerely,

Mr. Pat Igooe
Project Manager
3124 W. 36th Street
Los Angeles, CA 90018

SOUTHERN CALIFORNIA GAS COMPANY - GENERAL CONDITIONS FOR LINE EXTENSIONS

These are the general conditions under which Southern California Gas Company ("The Gas Company") will provide line extensions for Applicants.

I. COSTS

A. **Estimates and Duration.** The enclosed Exhibit A estimate is valid for 90 days and may be revised after that time if the installation of gas facilities for the Project has not begun. Once The Gas Company begins the installation, the estimated cost will remain in effect for 12 months. If at the end of the twelve months the work is not complete, The Gas Company reserves the right to calculate its costs for the work completed, less applicable allowances, and issue a new project and Line Extension Contract for the remaining installation work. If additional monies are due, Applicant agrees to pay them within 30 days after invoice. Applicant will be responsible for costs of engineering, planning, surveying, right of way acquisition and other associated costs.

B. **Allowances.** Applicant(s) receiving allowances as an offset to the installation costs are responsible for these costs and may be billed subject to the following: line extension(s) where allowances have been granted to the Applicant based on future gas load(s) must have the gas meter(s) installed and turned on with bona fide load within six (6) months for main/main and service(s) installations and twelve (12) months for service(s) only installations. These time frames commence from the date The Gas Company completed the installation of gas facilities. If Applicant fails to comply, the Applicant will be billed for the difference between estimated allowances and authorized allowances, as described in Tariff Rules 20 and/or 21. The amount will include Income Tax Component Contribution and Advances (ITCC) (CIAC) Tax. Applicant requested temporary service(s) are fully collectible. Refunds shall be made and calculated in accordance with Rule 22.

C. **Attorneys Fees and Offset.** If The Gas Company is required to bring an action to collect monies due or to enforce any other right or remedy, Applicant agrees that The Gas Company is entitled to recover its reasonable attorneys' fees and costs. The Gas Company may withhold from any payments due Applicant any amounts Applicant owes The Gas Company.

II. INDEMNITY

A. **General.** Applicant shall indemnify and hold The Gas Company harmless from and against all liability (excluding only Pre-Existing Environmental Liability) connected with or resulting from injury to or death of persons, including but not limited to employees of The Gas Company or Applicant, injury to property of The Gas Company, Applicant or a third party, or violation of local, state or federal laws or regulations (excluding environmental laws or regulations, including attorneys' fees) arising out of the performance of this Contract, except only to the extent it is caused by the negligence or willful misconduct of The Gas Company.

B. **Environmental.** Applicant shall indemnify and hold The Gas Company harmless from and against any and all liability (including attorneys' fees) arising out of or in any way connected with the violation or compliance with of any local, state, or federal environmental law or regulation as a result of pre-existing conditions at the Project site, release or spill of any pre-existing hazardous materials or waste, or out of the management and disposal of any pre-existing contaminated soils or groundwater, hazardous or nonhazardous, removed from the ground as a result of The Gas Company's work performed ("Pre-Existing Environmental Liability"), including, but not limited to, liability for the costs, expenses, and legal liability for environmental investigations, monitoring, containment, abatement, removal, repair, cleanup, restoration, remedial work, penalties, and fines arising from the violation of any local, state, or federal law or regulation, attorneys' fees, disbursements, and other response costs. As between Applicant and The Gas Company, Applicant agrees to accept full responsibility for and bear all costs associated with Pre-Existing Environmental Liability. Applicant agrees that The Gas Company may stop work, terminate it, redesign the gas facilities to a different location, or take other action reasonably necessary to complete its work without incurring any Pre-Existing Environmental Liability.

C. **Withhold Rights.** In addition to any other rights to withhold, The Gas Company may withhold from payments due Applicant such amounts as, in The Gas Company's reasonable opinion, are necessary to provide security against all loss, damage, expense and liability covered by the foregoing indemnity provisions.

III. **WARRANTY**

The Gas Company requires that Applicant warrant all materials and workmanship performed by Applicant (directly or through a contractor other than The Gas Company) shall be free of all defects and fit for their intended purpose. A one-year warranty on any materials and a two-year warranty on any installation work provided are required. If Applicant's work or materials fail to conform to the warranty, Applicant shall reimburse The Gas Company for the total cost of repair and/or replacement or The Gas Company may give Applicant the opportunity to fix within a reasonable time such defects. Such reimbursements are non-refundable and the amount of such reimbursements may be withheld by The Gas Company and offset against refundable amounts owed Applicant.

IV. **TARIFF RULES / COMMISSION**

A. This Line Extension Contract ("Contract") consists of and incorporates by reference the line extension contract letter, Exhibits A, General Conditions and all of The Gas Company's applicable tariff schedules and rules as filed from time to time with the California Public Utilities Commission ("Commission"), including but not limited to, the Preliminary Statement and Rules 1, 2, 4, 9, 13, 20, 21 and 22. Copies of these rules may be obtained by visiting the SoCalGas internet site at www.socalgas.com or by requesting copies from your Gas Company representative.

B. This Contract is at all times subject to such changes or modifications as the Commission may direct from time to time in the exercise of its jurisdiction.

C. No agent of The Gas Company has authority to make any terms or representations not contained in this Contract and the tariff schedules and Applicant hereby waives them and agrees neither The Gas Company nor Applicant shall be bound by them.

V. **JOINT AND SEVERAL LIABILITY**

Where two or more parties are Applicants for a Project, The Gas Company shall direct all communications, bills and refunds to the designated Applicant, but all Applicants shall be jointly and

severally liable to comply with all terms and conditions herein.

VI. STUB EXTENSIONS

Stub costs are refundable only to the extent the allowances generated by stub extensions exceed the main to meter installation costs, and only for ten years from the date of the stub installation. Refunds will be made without interest, and no refund will be made in excess of the amount advanced.

VII. AUTHORIZED SIGNATURE

If Applicant is a corporation, partnership, joint venture, or a group of individuals, the subscriber hereto represents that he has the authority to bind said corporation, partners, joint venture, or individuals as the case may be.

My signature below represents my agreement and acceptance of the Project confirmation, Exhibit A and Southern California Gas Company's General Conditions For Line Extension. I acknowledge and agree that The Gas Company's cost and allowance estimates for this Project were based on information provided by me or my authorized representative. I further acknowledge and agree that my signature represents my/my company's agreement and understanding that subsequent changes in Project scope may affect the installation price and further, that if allowances have been granted, an additional contribution may be required if the future loads on which the allowances were based do not materialize.

APPLICANT: POWDER TOOLS INC.

By:

Address:

(Authorized Signature)

(Print Name)

Title:

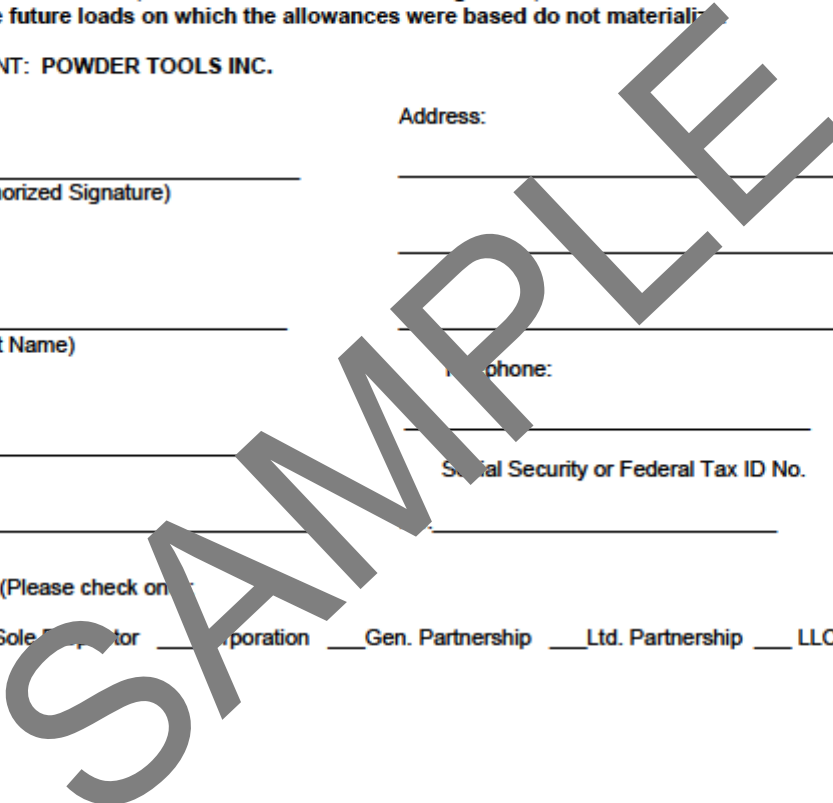
Phone:

_____ Social Security or Federal Tax ID No.

Date:

Applicant is a: (Please check one)

Individual/Sole Proprietor Corporation Gen. Partnership Ltd. Partnership LLC



Forms 5 - Exhibit A

Date Mailed

Project ID 000000000

Exhibit A

COST AND ALLOWANCE CALCULATION (ESTIMATES)

(x) Trenching by Applicant	() Trenching by Company	() Applicant Design	
() Joint Trench	(x) Gas Only Trench	Applicant Install	
<u>\$ 0000.00</u>	-	<u>\$ 0000.00</u>	-
Project Cost	* Site Preparation	Advance Applied	\$ 0000.00
Advance Required (Refundable)			\$ 0000.00
Advance Required (Non-Refundable)			\$ 0.00
ITCCA (CIAC Tax)	<u>\$ 0000.00</u>	X	<u>35 %</u> = \$ 0000.00
Payment Received			\$ 0.00
Total Amount Due			\$ 0000.00

* Site preparation reimbursement for applicant provided trench will be treated per Tariff Rules 20 & 21 and payments, if any, will be based on the agreed upon price per foot times the actual footage of the trench used.

Date Mailed

Detach and return this portion with your payment.

THIS BILL IS NOW DUE AND PAYABLE



A Southern California Gas Company

Applicant's Name
Street Address
City, State Zip Code

NBMS Project ID 000000000

PLEASE PAY THIS AMOUNT	0000.00
------------------------	---------

9200002007801000000634041160000 92 000020078 6

Forms 6 - Odor Fade Notification Letter

Project #

0



An Important Safety Bulletin From Southern California Gas Company Information on Natural Gas Odorant

Dear Applicant,

You have requested natural gas service or an upsized meter to the location referenced by the project number above. **The purpose of this notice is to provide contractors who work on natural gas piping, appliances and equipment, and consumers of natural gas service with additional safety information on natural gas odorant and the potential for odor fade.**

Natural Gas Odorant: SoCalGas adheres to Department of Transportation (DOT) and California Public Utilities Commission (CPUC) rules and regulations regarding the odorizing of natural gas. SoCalGas adds an odorant to give natural gas a distinctive odor so leaks can be more readily detected. However, you should not rely on your sense of smell alone to determine if you have a gas leak. Even though a distinctive odorant is present in the gas to assist in the detection of leaks, there are a number of reasons why your sense of smell might not be enough to alert you to the presence of a natural gas leak. For example, some persons may not be able to detect the odor because they have a diminished sense of smell or are experiencing olfactory fatigue (temporary, normal inability to distinguish odor after a prolonged exposure to it). Some physical conditions, including common colds, sinus conditions, allergies, eating certain foods, inattentiveness, and the use of tobacco, alcohol, drugs and certain medications may lessen the ability to smell the odor. In addition, the odor may be masked or hidden by other odors that are present, such as cooking, damp, musty or chemical odors. And, certain conditions in pipe and soil may cause the odor to fade to undetectable levels of smell.

Natural Gas Odor fade (loss of odorant): "Odor fade" refers to the phenomenon in which physical and/or chemical processes cause the loss of odorant in natural gas so that its distinctive odor may no longer be detectable by smell. The processes that cause odor fade are adsorption, absorption, oxidation, or any combination thereof. Adsorption occurs when odorant molecules adhere to an exposed surface, such as the interior wall of a steel pipe. In absorption, odorant molecules are dissolved into or combined with another substance - such as cutting oil, pipeline liquids, or pipe thread compound - causing the odorant to have less odor. Oxidation occurs when rust or other compounds react with the odorant to change its chemical composition so that it's less odorous.

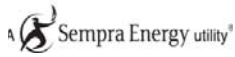
In natural gas piping systems, odor fade occurs predominantly in new steel pipe - steel pipe that has either been recently manufactured or which has not been previously used for odorized natural gas. Odor fade can also occur in previously used or existing gas pipe under certain conditions, such as where rust is present or when gas flow is limited or intermittent. Odor fade may also occur in pipe made of other materials. While it is often more pronounced in pipe installations of larger diameter and longer length, odor fade can also occur in smaller and shorter pipe configurations.

A number of factors can cause or contribute to odor fade. For example, odor fade is more likely to occur in gas piping systems using higher gas pressure, and where there is little, intermittent, or no gas flow. The presence of rust, mill scale, moisture, air, cutting oil, pipe thread compound, liquids, condensates and other substances in pipe and other components of gas piping systems can cause odor fade. Care should be taken in the selection and use of pipe to be utilized in natural gas piping systems. Such systems should be designed and configured to ensure that there is a continuous flow of gas through the entire system. In addition, care should be taken in the construction of such systems when fabricating gas pipe to prevent the introduction of substances that may contribute to odor fade.

New pipeline installation or additional new piping segments may require the odor conditioning of the pipe before it is placed into service to prevent occurrences of odor fade. This may be accomplished by extended purges of natural gas through the pipe or by direct odorant injection. Where necessary, the gas piping system may require repeat instances of conditioning and/or modification of the system - such as by stepping down pressure or reconfiguring the piping to ensure continuous gas flow - to prevent repeat occurrences of odor fade.

If a gas leak occurs in underground piping, the surrounding soil or fresh concrete can adsorb or oxidize the odorant so that the gas no longer has an odor. As a result, gas leaking from an underground pipe may not be detectable by smell.

ODOR CONDITIONING, PURGING AND OTHER CONTROLLED RELEASES OF NATURAL GAS SHOULD ONLY BE PERFORMED BY QUALIFIED GAS PROFESSIONALS.



Signs of a Natural Gas Leak: In addition to the distinctive odor of natural gas, other signs of a gas leak may include: a damaged connection to a gas appliance; an unusual sound such as a hissing, whistling or roaring sound near a gas appliance or pipeline; dead or dying vegetation in an otherwise moist area over or near pipeline areas; a fire or explosion near a pipeline; dirt or water being blown in the air. Bubbling pools of water on the ground; or an exposed pipeline after an earthquake, fire, flood or other natural disaster.

Purges and Other Planned Releases of Natural Gas: Purging of gas lines, blow-downs and other planned releases of natural gas should only be performed by qualified gas professionals. Such gas release operations should only be performed in well-ventilated areas or by safely venting the contents of gas lines and equipment to the outside atmosphere away from people, animals, structures and sources of ignition. All possible ignition sources should be extinguished before and during such operations. Consider using gas detection equipment during all gas release operations to prevent gas from accumulating and creating a combustible or hazardous atmosphere.

DO NOT RELEASE THE CONTENTS OF A GAS LINE INTO A CONFINED SPACE

The National Fuel Gas Code, the California Plumbing and Mechanical Codes, applicable Building and Safety Codes and local Departments of Building and Safety should be consulted for more information and before gas release operations begin. When installing gas appliances and/or equipment, the manufacturer’s instruction manual should be followed in conjunction with the local code authority.

ANY RELEASE OF NATURAL GAS PRESENTS THE POTENTIAL FOR EXPLOSION AND FIRE THAT COULD RESULT IN SERIOUS INJURY AND DEATH. PUGING AND OTHER RELEASES OF NATURAL GAS SHOULD ONLY BE PERFORMED BY QUALIFIED GAS PROFESSIONALS AND REQUIRES THE EXERCISE OF EXTREME CAUTION.

Please be sure to provide this letter to and discuss its contents with those that will be using natural gas at this location as well as to the design professionals, contractors, and others working with you or on your behalf to design, install, place in service, maintain, replace and/or repair the consumer’s gas piping, regulators, appliances, fixtures, equipment and apparatus.

If you have any questions or concerns regarding any of the above, or require further assistance, please contact a licensed, qualified professional. You may also visit our website at www.sdge.com/safety/naturalgas for more information.

In order to proceed with your project, please print your name and provide your signature and date on the provided lines below, acknowledging receipt of this safety bulletin. Please return the signed letter in the envelope provided.

We appreciate this opportunity to serve you.

SOUTHERN CALIFORNIA GAS COMPANY

(Print Name)

(Signature)

(Date)



Applicant signature acknowledges receipt of this notice

Forms 7 - Applicant Provided Trench Letter



A Sempra Energy utility™

SOUTHERN CALIFORNIA GAS COMPANY SPECIFICATIONS FOR APPLICANT PROVIDED TRENCH

Project Number: _____ WR Number: _____
 Job Location: 0 _____
 Tract# 0 _____ Lots: 0

It is understood by acceptance of this agreement that Southern California Gas Company (SoCalGas) requirements related to trenching and backfilling are to be met in all instances. Any deviation from these requirements that is not approved by an authorized SoCalGas representative shall be considered cause for this agreement to become void and releases SoCalGas from any obligation of participation in an applicant provided trench installation.

The Applicant will notify SoCalGas at least ten days in advance of starting work. SoCalGas may coordinate the installation of main and service piping with other operations.

The Applicant or its authorized agent shall, at no cost to SoCalGas, obtain the necessary trenching permits, pay all inspection fees, and comply with any and all other requirements pertaining to trenching, backfilling and compaction as required by authorized governing agencies.

It is agreed that trench shall be of such size as to provide a minimum vertical clearance of twelve inches from power conductors of any size and a minimum separation of six inches from all other substructures. All gas main and service piping shall have a minimum thirty inches cover below finished grade. All trenches must be level and free of debris at the time gas lines are to be installed. All joint trench and gas-only trench will be backfilled with sand to be a minimum of twelve inches of cover over all gas main and service pipe in normal soil and a minimum of eighteen inches in rocky soil. Depth to be determined by a SoCalGas representative. Applicant shall be responsible for repair or relocation costs of any gas facility which has been changed, altered, or modified inside the project limits, without SoCalGas authorization. Refer to the drawing(s) dated 02/02/96 of a cross section of a joint trench (no scale) attached hereto and incorporated by reference.

SoCalGas will reimburse or credit Applicant for acceptable trench at the agreed to rate of \$ 1.00 per foot, which will be identified on EXHIBIT A-1 or EXHIBIT A-2 as Site Preparation.

This agreement is subject to SoCalGas Tariff Rules 20 and/or 21, which are incorporated by reference, and is subject to such changes or modifications as the Commission may direct from time to time in the exercise of its jurisdiction.

Accepted By Applicant:

Accepted By Southern California Gas Company:

Company Name: _____

Signature: _____

Print Name: _____

Print Title: _____

Date: _____

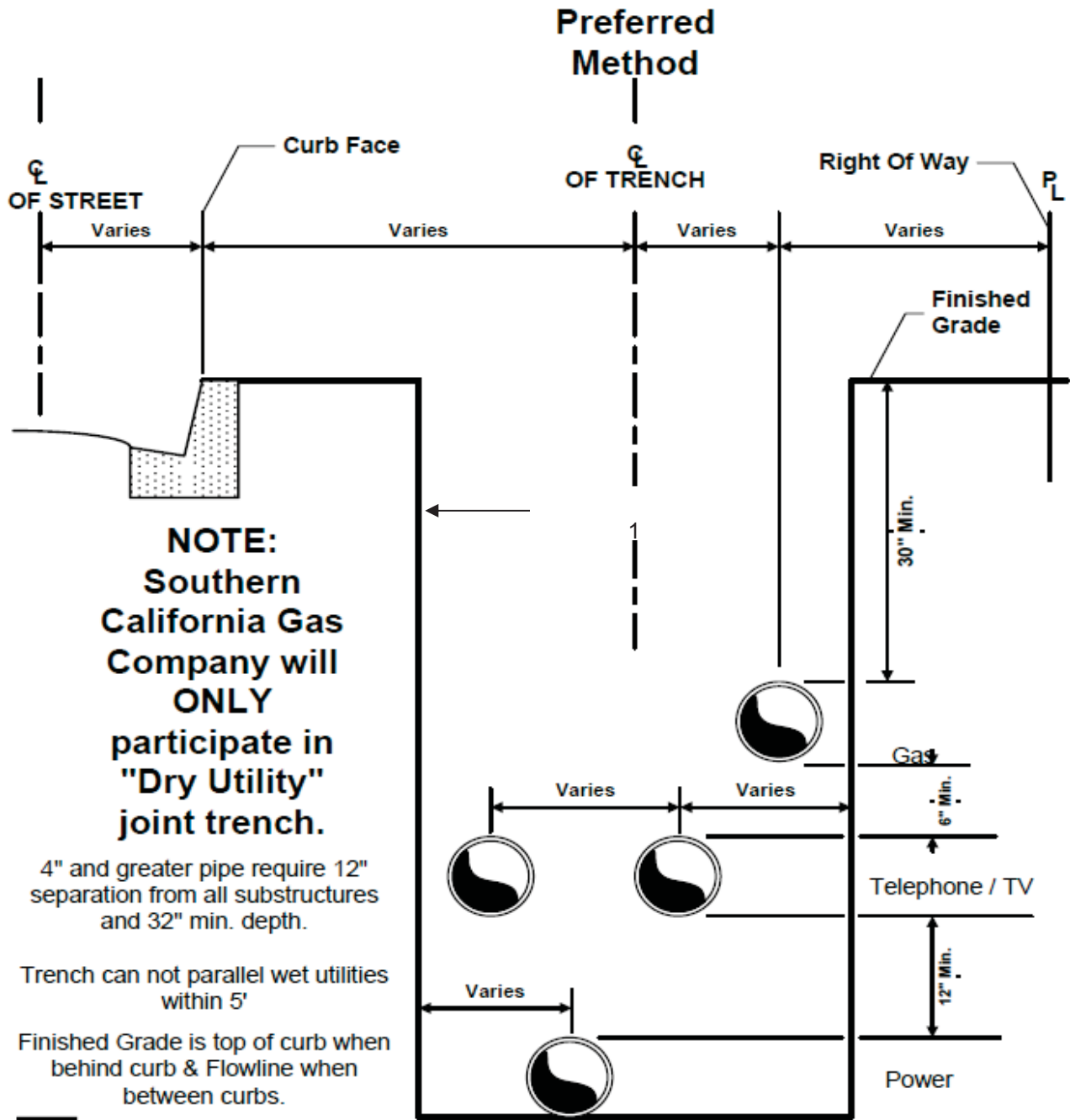


Signature: 0

Print Name: 0

Print Title: Field Planning Associate

Date: _____



NOTE:
 Southern California Gas Company will ONLY participate in "Dry Utility" joint trench.

4" and greater pipe require 12" separation from all substructures and 32" min. depth.

Trench can not parallel wet utilities within 5'

Finished Grade is top of curb when behind curb & Flowline when between curbs.

**CROSS SECTION OF JOINT TRENCH
 NO SCALE**



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So.Cal.Gas 2012

Forms 8 - Gas Installation Bid Letter



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Gas Installation Bid

THIS IS NOT A BILL - DO NOT REMIT PAYMENT

Applicant Name:	
Applicant Address:	
Contact Name:	Telephone Number:
Project Address/Location:	Tract Name:
Project ID Number:	
Field Planning Associate:	Telephone Number:

The project planning and cost estimating for the above referenced project has been completed. Under the Line Extension Rules you have the opportunity to select the utility as the installer or you may hire a qualified contractor to do the installation as described in Line Extension Rule 2.

As required by the California Public Utilities Commission, you are being provided the estimated installation cost (bid) prior to the issuance of a line extension contract. The bid is broken down between the cost for the work the utility must perform, the work that can be performed by your qualified contractor, inspection fees, and tax. You must declare which installation option you wish to pursue in the space provided. Work on your project can not continue until you have made your selection and returned the executed form to SoCalGas.

Installation cost breakdown

Option A: Estimated cost if installation is performed by SoCalGas.

(a)Main	(b)Service(s)	(c)Stub(s)	(d)MSA(s)	(e)Tax	Total (a thru e)
---------	---------------	------------	-----------	--------	------------------

Option B: SoCalGas' estimated cost for the work performed by SoCalGas under the applicant installation option (a-e), the SoCalGas' estimated cost for the work the applicant can perform under the applicant installation (f-h), and tax for both SoCalGas and applicant work performed (i).

(a)Main	(b)Service(s)	(c)Stub(s)	(d)MSA(s)	(e)Inspection	(i)Tax
(f)Main	(g)Service(s)	(h)Stub(s)	Total Cost (a thru i)		

Select One Box

<input type="checkbox"/>	Option A: I select SoCalGas as the installer. Please prepare and forward the Gas Line Extension Contract
<input type="checkbox"/>	Option B: I wish to pursue the applicant install option. I understand that there are additional documents I must complete, and return to SoCalGas, prior to the development of the Gas Line Extension Contract.

My signature confirms my understanding that the bid price consists of the estimated cost for work SoCalGas must perform and the estimated cost of all remaining work if SoCalGas is selected as the installer (Option A). If I select Option B and elect to have my contractor perform less than all the remaining work, I understand that a new bid will need to be prepared. A new bid may also be required if the assumptions that the bid was based on change. This bid will remain in effect until:

Applicant Name:		
Signature:		
Title:		Print Name:
		Date:

Forms 9 - Grade and Riser Set Back Letter



1/0/1900

Field Planning Associate

0

0

-

-

(phone)

(fax)

Applicant 0

0

Contact: 0

0

Project # 0

Location: 0

Subject: Grade & Riser Setback

Accurate finish grade and riser locations are necessary to complete the integrity of the gas installation. The Gas Company installation crew will install the gas risers to the location and grade that developer provides. In the event of a location or grade change, or any other reason that a riser location is deemed to be unsatisfactory, such as, too close to an air conditioner, or too close to a source of ignition, etc., all relocating costs incurred are the responsibility of the developer.

Thank you for your cooperation.

Tract # 0

Developer 0

MEO # 0

Signature (Developer/Tract Superintendent)



Forms 10 - Curb and Gutter Letter of Indemnity



0
Field Planning Associate

0
0

- (phone)
- (fax)

0
0

Project Location: 0

Project #: 0
Tract # 0
Lots: 0

Subject: Letter of Indemnity
Installation of Gas Prior to Curb and Gutter

As discussed, you have requested installation of the gas system prior to curb and gutter. As a condition for approval, 0 agrees to:

1. Establish sub-grade on proposed street(s) or road(s) and obtain inspection approval from a Gas Company Supervisor.
2. Provide acceptable line and grade stake a minimum of every 50 feet.
3. Pothole the gas facilities after installation of curb and gutter, and prior to paving, verify depth and location. Number and location of potholes to be determined by the Gas Company Field Supervisor.
4. Pay for all costs incurred by The Gas Company should the depth and/or location of the gas facilities need to be adjusted as a result of incorrect line and grade stake, prior to installing curb and gutter.

Thank you for your cooperation. If you have any questions, please contact me at: -

0

Field Planning Associate

Agreed to: _____

Company Name: _____

Signature: _____

Print Name: _____

Print Title: _____

Date: _____



Forms 11 - Construction Storm Water Agreement



Work with your Field Planning Associate to process this form



Southern California Gas Company Construction Storm Water Agreement

Project Name: 0

City: 0

Project Number: 0

Work Request Number: 0

Environmental Specialist: #N/A

Telephone: #N/A

Field Planning Associate: 0

Telephone: -

Federal, State and local construction storm water laws, regulations and ordinances may require permits and storm water pollution prevention plans (SWPPPs) or storm water management plans (SWMPs) for construction soil disturbance. These permits and/or plans may be in addition to local grading and/or building permits. Construction activities subject to these requirements include, but are not necessarily limited to, clearing, grubbing, grading and disturbances to the ground such as stockpiling, trenching or excavation.

It is the project applicant/landowner's responsibility to determine the need for the project to have permit coverage under applicable Federal or State of California Construction Storm Water regulations and/or local municipal ordinances. Specific guidance regarding the need for a construction storm water permit and/or required plans may be obtained from your California Regional Water Quality Control Board and/or your local city or county environmental department. Local storm water ordinances for construction soil disturbance activities may require a storm water management plan and associated BMPs, without regard to soil disturbance acreage, in addition to the local grading and/or building permits.

In general, Federal and State regulations require construction projects where construction activity disturbs one acre or more, to:

1. Obtain coverage under a Federal or State Construction Storm Water permit by submitting a Notice of Intent (NOI).
2. Develop and implement a Storm Water Pollution Prevention Plan (SWPPP), specifying Best Management Practices (BMPs) to prevent construction pollutants from contact with and/or discharge in storm water.
3. Eliminate or reduce non-storm water discharges to storm water systems and other waters of the nation.
4. Perform inspection of all BMPs.

When a Federal or State Construction Storm Water Permit is required for a project, construction cannot commence until at least a Notice of Intent (NOI) has been submitted to the appropriate agency and a completed SWPPP that addresses the project's construction activities, has been implemented (Check one box below).

- I understand the legal requirements summarized above relating to Federal and State storm water permits and local ordinances, however, the total soil disturbance for my project (including soil disturbances in any common plan of development or sale) is not greater than or equal to one acre nor do local ordinances require a storm water management plan.
- My project's soil disturbance (including soil disturbances in any common plan of development or sale) will be _____ acres and requires coverage by a Federal or State Construction Storm Water Permit and a SWPPP, and/



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or a storm water management plan as required by a local ordinance. I assert that this project will comply with all applicable laws, regulations and ordinances including those regarding storm water management, plans and permits prior to the Southern California Gas Company (SCG) commencing work, and that the project SWPPP or storm water management plan will include all activities by SCG (or its contractors) to provide gas service for my project. Furthermore, I understand that SCG (or its contractors) will, as appropriate, implement BMPs to address their activities in the immediate vicinity of their work. I will provide overall management of the project's required SWPPP or storm water management plan, including perimeter BMPs, post-construction BMPs, SWPPP or storm water management plan revisions, inspections, BMP maintenance and any required sampling and analysis. I will make available to SCG copies of all project NOI, SWPPP or other applicable permits and plans for the purpose of confirming that SCG's work is included. Any questions regarding the site specific SWPPP, storm water management plan or the on-site BMPs should be directed to:

(Name) (Phone)

SCG's BMPs, relevant to its portion of your project for inclusion in any SWPPP or storm water management plan you must prepare, are available on line at www.socalgas.com or are available from your Field Planning Associate.

In performing the work for your project, SCG will be relying on your assertions in this document and your compliance with the applicable laws, implementing regulations and ordinances, plans and all requirements for storm water permits. Therefore, should you fail to comply with these laws, regulations and ordinances including but not limited to use of and compliance with a Federal or State Construction Storm Water NPDES Permit or local construction permit, then you will defend, indemnify and hold SCG, its directors, officers, employees and contractors harmless from and against any and all liability, fines, penalties and claims arising out of such failures to comply with applicable Federal, State and local regulations and ordinances.

I have read the foregoing and agree to its terms.

Applicant/Owner's Name: _____

By (Signature) _____ Title _____



Address _____

Telephone _____

Date _____

Forms 12 - Statement of Applicant's Contract Anticipated Cost for Applicant Installation Project

1/0/1900



STATEMENT OF APPLICANT'S CONTRACT ANTICIPATED COST FOR APPLICANT INSTALLATION PROJECT

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(PLEASE PRINT OR TYPE)

Applicant Name: _____ 0

Applicant Address: _____ 0

Applicant Contact Name: _____ Contact Telephone Number: _____ 0

Installer Name: _____

Installer Address: _____

Installer Contact Name: _____ Contact Telephone Number: _____

Project Location: _____ 0 Project Number: _____

City: _____

SoCalGas Use Only:	Project ID: _____	Work Request# _____	
SoCalGas' estimated installed cost (bid) subject to refund is, main \$ _____, stub(s), \$ _____, services(s) \$ _____			

The Applicant's reported costs, as indicated below, will be compared with SoCalGas' estimated installed cost for the same work, as indicated above, the lower of which will be used to determine the amount subject to allowances and refunds in accordance with SoCalGas' Rules 20, 21 and/or 22.

If the Applicant chooses not to provide the project cost, Applicant must complete the last section of this form and return to SoCalGas. SoCalGas will not proceed with contract development or any construction until Applicant either provides these costs, or returns this form indicating that they decline to do so.

APPLICANT'S CONTRACT ANTICIPATED COST			
Applicant's contract anticipated cost for the same work is, main \$ _____,	stub(s) \$ _____	services(s) \$ _____	
			Total Cost(s) \$ _____

Applicant's Contract Anticipated Costs includes the incremental trenching cost to modify the trench to accommodate the installation of gas facilities, materials, labor, and equipment necessary for the installation of pipes, valves, and fitting facilities.

Applicant's Contract Anticipated Costs are not to include work performed or materials provided by SoCalGas to complete the installation, such as, but not limited to, connecting to or disconnecting from the existing gas facilities, and the installation of gas meters and associated fittings.

DECLARATION BY APPLICANT

I declare under penalty of perjury that the foregoing is true and correct.

Applicant Name:		
Signature:		
Title:		Date:

Forms 13 - Line Extension Change Order Letter

Southern California Gas Company LINE EXTENSION CHANGE ORDER

APPLICANT NAME:

0

0

Project No.: 0 _____

Work Request No: 0 _____

Change Order No: _____

Change Order Date: _____

PROJECT LOCATION:

0

DESCRIPTION OF CHANGE:

0

*COST: Increased _____ Decreased _____

ALLOWANCE Increased _____ Decreased _____

*NON-REFUNDABLE COSTS NOT SUBJECT TO ALLOWANCES _____

*Note: ITCCA taxes will be applied as applicable.

I acknowledge and agree that the following changes are being made to accommodate a change in scope of work for the above named project. I further acknowledge and agree that my signature represents my/my company's promise to pay any amount due upon receipt of bill from the Southern California Gas Company and this except as modified herein, all other terms and conditions applicable to this line extension remain the same.

Applicant/Applicant's Representative		Southern California Gas Company
By:		By: 0 _____
	(signature)	(signature)
Print Name:		Print Name: _____
Title:		Title: New Business Process Advisor
Date:		Date: _____

Forms 14 - Change Order Bill Notification Letter



A  Sempra Energy utility®

From: [Redacted]
New Business Process Advisor

0
0

Location 0

Subject: Change Order Bill for Project Number: 0

Scope: 0

Please sign and date the **Line Extension Change Order** and return to:

Email #N/A
Fax #N/A

Due to the implementation of the Sarbanes-Oxley Act (SOX 404), we can no longer accept any form of payment at our facility. Therefore, the **Change Order Bill** must be mailed, along with a check made out to **The Gas Company** in the amount of to:

Sundry Billing
Southern California Gas Company
P.O. Box 2007
Monterey Park, CA 91754-0957

If you have any other questions, please don't hesitate to call or email me.

Thank you,

0

Forms 15 - Multiple Meter Set Application Worksheet



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MULTIPLE APPLICATION WORKSHEET

Set & Turn-On
(\$25 per Meter Set - Service
Establishment Charge - SEC)

Work with your Field Planning Associate to process this form

Date:	Project # : 0
Tract Name:	Tract # : City: Zip:
Business Name:	Corp: <input type="checkbox"/> Partner: <input type="checkbox"/> LTD: <input type="checkbox"/> Individual: <input type="checkbox"/>
Federal Tax ID# :	Corporate Phone # :
Billing Address:	City: State: Zip:
Email Address:	
Job Site Phone # :	Job Site Contact Name:
Nearest Cross Street:	Requested Meter Set Date:

	Street #	Street Name	Apt #	Lot #	SoCalGas use only	
					2lb PSIG (SCGC Use only)	Fac ID Established (SCGC Use only)
1					<input type="checkbox"/>	<input type="checkbox"/>
2					<input type="checkbox"/>	<input type="checkbox"/>
3					<input type="checkbox"/>	<input type="checkbox"/>
4					<input type="checkbox"/>	<input type="checkbox"/>
5					<input type="checkbox"/>	<input type="checkbox"/>
6					<input type="checkbox"/>	<input type="checkbox"/>
7					<input type="checkbox"/>	<input type="checkbox"/>
8					<input type="checkbox"/>	<input type="checkbox"/>
9					<input type="checkbox"/>	<input type="checkbox"/>
10					<input type="checkbox"/>	<input type="checkbox"/>
11					<input type="checkbox"/>	<input type="checkbox"/>
12					<input type="checkbox"/>	<input type="checkbox"/>
13					<input type="checkbox"/>	<input type="checkbox"/>
14					<input type="checkbox"/>	<input type="checkbox"/>
15					<input type="checkbox"/>	<input type="checkbox"/>

This worksheet is for gas meter set application request only. This is not a contract. The Customer Service Rep will contact you for future scheduling information once the worksheet has been submitted to the FPA and all information has been verified. This worksheet does not guarantee, nor does it imply that service will be provided prior to local Building Code Inspection Requirements.

Requestor's Signature (Required):

Please ensure recorded address lists are provided prior to meter set request

RETURN Multiple Application Worksheet to FPA as noted below:	
Gas Company FPA Name:	0
FPA Fax # :	-
FPA Phone # :	-
FPA Address:	0 0

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