



GAS RULE NO. 16
GAS SERVICE EXTENSIONS

Sheet 1

APPLICABILITY: This rule is applicable to both: (1) PG&E's Service Facilities* that extend from PG&E's Distribution Main facilities to the Service Delivery Point, and (2) the service related equipment required of Applicant on Applicant's Premises to receive gas service.

A. GENERAL

1. **DESIGN.** PG&E will be responsible for planning, designing, and engineering its Service Extensions using PG&E's standards for design, materials, and construction. Applicants may elect to use the Applicant Design Option provisions in Rule 15 to design that portion of the new Service Extension normally designed by PG&E. (T)
2. **SERVICE FACILITIES.** For the purposes of this rule, PG&E's Service Facilities shall consist of (a) connection fittings, (b) service pipe, (c) valves, (d) regulators, (e) metering equipment, and (f) other PG&E-owned service related equipment.
3. **OWNERSHIP OF FACILITIES.** Service Facilities installed under the provisions of this rule shall be owned, operated and maintained by PG&E. Applicant shall own, operate, and maintain facilities beyond the Service Delivery Point.
4. **PRIVATE LINES.** PG&E shall not be required to connect Service Facilities to or serve any Applicant from gas facilities that are not owned, operated and maintained by PG&E.
5. **SPECIAL OR ADDED FACILITIES.** Any special or added facilities PG&E agrees to install at the request of Applicant, will be installed at Applicant's expense in accordance with Rule 2—Description of Service.
6. **TEMPORARY SERVICE FACILITIES.** Facilities installed for temporary service or for operations of speculative character or questionable permanency shall be made in accordance with the fundamental installation and ownership provisions of this rule, except that all charges and refunds shall be made under the provisions of Rule 13—Temporary Service.
7. **CONTRACTS.** Applicant requesting service may be required to execute a written contract(s) prior to PG&E performing its work to establish service. Such contract(s) shall be in the form on file with the California Public Utilities Commission (Commission).

* Certain words beginning with capital letters are defined either within the provisions of this rule or in Section I of this rule.

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A. GENERAL (Cont'd.)

- 8. DISTRIBUTION MAIN EXTENSIONS. Whenever PG&E's distribution system is not complete to the point designated by PG&E where the Service Extension is to be connected to PG&E's distribution system, the extension of Distribution Main facilities will be installed in accordance with Rule 15—Gas Main Extensions. (T)
(T)
- 9. RIGHTS-OF-WAY. Rights-of-way or easements may be required by PG&E to install Service Facilities on Applicant's property to serve only the Applicant.
 - a. SERVICE FACILITIES. If the Service Facilities must cross property owned by a third party to serve the Applicant, PG&E may, at its option, install such Service Facilities after appropriate rights-of-way or easements, satisfactory to PG&E, are obtained without cost to PG&E; or
 - b. DISTRIBUTION MAIN EXTENSIONS. If PG&E's facilities installed on Applicant's property, or third-party property, will be or are designed to serve adjacent property, then PG&E may, at its option, install its facilities under Rule 15 after appropriate rights-of-way or easements, satisfactory to PG&E, are obtained without cost to PG&E. (T)
 - c. CLEARANCES. Any necessary rights of way or easements for PG&E's facilities shall have provisions to maintain legal clearances from adjacent structures.

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Issued by
Thomas E. Bottorff
 Vice President
 Rates Account Services

Date Filed May 11, 1998
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 Resolution No. _____



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A. GENERAL (Cont'd.)

- 10. ACCESS TO APPLICANT'S PREMISES.** PG&E shall at all times have the right to enter and leave Applicant's Premises for any purpose connected with the furnishing of gas service (meter reading, inspection, testing, routine repairs, replacement, maintenance, emergency work, etc.) and the exercise of any and all rights secured to it by law, or under PG&E's tariff schedules. These rights include, but are not limited to: (T)
- The use of a PG&E-approved locking device, if Applicant desires to prevent unauthorized access to PG&E's facilities. (T)
- b.** Safe and ready access for PG&E personnel, free from unrestrained animals. (T)
- c.** Unobstructed ready access for PG&E's vehicles and equipment to install, remove, repair or maintain its facilities. (T)
- d.** Removal of any and all of its property installed on Applicant's Premises after the termination of service. (T)
- 11. SERVICE CONNECTIONS.** Only personnel duly authorized by PG&E are allowed to connect or disconnect service pipe to or from PG&E's Distribution Main, remove meters, remove PG&E-owned Service Facilities, or perform any work upon PG&E-owned existing facilities.

B. METERING FACILITIES

1. GENERAL

- a. METER ALL USAGE.** PG&E will meter delivery of all gas energy, unless otherwise provided for by PG&E's tariff schedules or by other applicable laws.
- b. METER LOCATION.** All PG&E meters and associated metering equipment shall be located at some protected location on Applicant's Premises as approved by PG&E.

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B. METERING FACILITIES (Cont'd.)

2. NUMBER OF METERS. PG&E normally will install only one meter for a single-family residence or a single nonresidential enterprise on a single Premises, except:

- a. When otherwise required or allowed under PG&E's tariff schedules;
- b. At the option of and as determined by PG&E, for its operating convenience, consistent with its engineering design; or,
- c. When required by law or local ordinance.
- d. When additional services are granted by PG&E.

A single meter is required for each single enterprise operating in one building or a group of buildings, or other development on a single Premises, such as, but not limited to, a commercial business, school campus, industrial manufacturer, or recreational vehicle parks, unless otherwise approved by PG&E. (See Rule 18—Supply to Separate Premise and Submetering of Gas for more information.)

3. MULTIPLE OCCUPANCY. In a building with two or more tenants, or where PG&E furnishes more than one meter on the same Premises, PG&E's meters normally shall be grouped at one central location, or as otherwise specified by PG&E, and each meter position shall be clearly and permanently marked by Applicant, customer, or owner of the Premises to indicate the particular unit, occupancy, or load supplied by it.

- a. **RESIDENTIAL.** PG&E will individually meter gas service to every residential unit in a residential building, or group of buildings, or other development on a single Premise with multiple tenants, such as, but not limited to, apartment buildings, mobile home parks, etc., except as may be otherwise specified in Rule 18 and applicable rate schedules.
- b. **NON-RESIDENTIAL.** PG&E will individually meter gas service to each tenant in a non-residential building or group of buildings or other development on a single Premise with multiple tenants or enterprises, (such as, but not limited to, an office building or shopping center complex). Alternative metering arrangements, as determined by PG&E, may be allowed only as specified in Rule 18 and applicable rate schedules.

(N)

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- C. SERVICE EXTENSIONS (T)
- 1. GENERAL LOCATION. The location of the Service Extension facilities shall extend: (T)
 - a. FRANCHISE AREA. From the point of connection at the Distribution Main to Applicant's nearest property line abutting upon any street, highway, road, or rights-of-way, along which it already has, or will install Distribution Main; and,
 - b. PRIVATE PROPERTY. On private property, along the shortest, most practical and available route (clear of obstructions) as necessary to reach a Service Delivery Point designated by PG&E. (T)
- 2. NUMBER OF SERVICE EXTENSIONS. PG&E will not normally provide more than one Service Extension, including associated facilities, for any one building or group of buildings, for a single enterprise on a single Premises, except: (T)
 - a. TARIFF SCHEDULES. Where otherwise allowed or required under PG&E's tariff schedules; or,
 - b. PG&E CONVENIENCE. At the option of and as determined by PG&E, for its operating convenience, consistent with its engineering design, or when replacing an existing service; or,
 - c. ORDINANCE. Where required by ordinance or other applicable law, for such things as gas powered fire pumps, etc.
 - d. OTHER. PG&E may charge for additional services provided under this paragraph, as special or added facilities.
- 3. BRANCH SERVICE. For additional approved Service Delivery Points to serve another Applicant on the same or adjoining Premises, PG&E may install a branch Service Extension at the option of PG&E, and will grant allowances under the conditions as set forth in Section E. (T)
- 4. OTHER SERVICE CONNECTIONS. Where Applicant or customer requests another type of service connection, such as stub services, curb meters and vaults, or service from transmission lines, PG&E will consider each such request and will grant appropriate allowances as it may determine.

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C. SERVICE EXTENSIONS (Cont'd.) (T)

5. UNUSUAL SITE CONDITIONS. In cases where Applicant's building is located a considerable distance from the available Distribution Main, or where there is an obstruction or other deterrent obstacle or hazard, such as plowed land, ditches, or inaccessible security areas between PG&E's Distribution Main and the building or facility to be served that would prevent PG&E from prudently installing, owning, and maintaining its Service Facilities, PG&E may at its discretion, modify the normal Service Delivery Point location. In such cases, the Service Delivery Point shall be at such other location on Applicant's property as may be mutually agreed upon; or, alternatively, the Service Delivery Point may be located at or near Applicant's property line, as close as practical to the available Distribution Main.

D. RESPONSIBILITIES FOR NEW SERVICE EXTENSIONS (T)

1. APPLICANT RESPONSIBILITY. In accordance with PG&E's design, specifications, and requirements for the installation of Service Extensions, subject to PG&E's inspection and approval, Applicant is responsible for: (T)

a. SERVICE EXTENSIONS. (T)

1) CLEAR ROUTE. Applicant shall provide (or pay for) a route on any private property that is clear of obstructions which would inhibit the construction of the Service Extensions. (T)

2) EXCAVATION. All necessary trenching, backfilling and other digging as required, including permit fees.

3) SUBSTRUCTURES.

a) Furnishing, installing, owning, and maintaining all support pads, meter or regulator vaults or other Substructures on Applicant's Premises;

b) Furnishing and installing any Substructures in PG&E's Franchise Area (or rights-of-way, if applicable) as necessary to install the Service Extension; and, (T)

c) Conveying ownership to PG&E upon its acceptance of those Substructures not on Applicant's Premises.

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- D. RESPONSIBILITIES FOR NEW SERVICE EXTENSIONS (Cont'd.) (T)
1. APPLICANT RESPONSIBILITY. (Cont'd.)
- a. SERVICE LATERAL EXTENSIONS. (Cont'd.) (T)
- 4) PROTECTIVE STRUCTURES. Furnishing, installing, owning, and maintaining all necessary Protective Structures, as specified by PG&E, for PG&E's facilities on Applicant's Premises.
- b. APPLICANT'S FACILITY DESIGN AND OPERATION. Applicant shall be solely responsible to plan, design, install, own, maintain and operate facilities and equipment beyond the Service Delivery Point in order to properly receive and utilize the type of gas service available from PG&E. Refer to Rule 2, for a description, among other things, of:
- 1) The available service delivery pressures and the technical requirements and conditions to qualify for them,
- 2) Heating values of natural gas, and
- 3) Delivery volume adjustments due to altitude.
- c. REQUIRED SERVICE EQUIPMENT. Applicant shall, at its sole liability, risk and expense, be responsible to furnish, install, own, maintain, inspect and keep in good and safe condition, all facilities of any kind or character on Applicant's Premises, that are not the responsibility of PG&E, but are required by PG&E for Applicant to receive service. Such facilities shall include, but are not limited to gas pipe, valves, regulators, appliances, fixtures, and apparatus of any kind or character. Detailed information on PG&E's service equipment requirements will be furnished by PG&E.

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D. RESPONSIBILITIES FOR NEW SERVICE EXTENSIONS (Cont'd.) (T)

1. APPLICANT RESPONSIBILITY. (Cont'd.)

d. LIABILITY. PG&E shall incur no liability whatsoever, for any damage, loss or injury occasioned by:

- 1) Applicant-owned equipment or Applicant's transmission and delivery of energy; or,
- 2) The negligence, omission of proper shut-off valves or other protective and safety devices, want of proper care, or wrongful act of Applicant, or any agents, employees, or licensees of Applicant, on the part of Applicant installing, maintaining, using, operating, or interfering with any such pipes, valves, regulators, or apparatus.

e. FACILITY TAMPERING. Applicant shall provide a suitable means acceptable to PG&E for placing its seals on meters and related equipment. All PG&E-owned meters shall be sealed only by PG&E's authorized employees and such seals shall be broken only by PG&E's authorized employees. However, in an emergency, PG&E may allow a public authority, or other appropriate party to break the seal. Any unauthorized tampering with PG&E-owned seals or equipment, or connection of customer-owned facilities to PG&E's service pipe at any time, is prohibited, and is subject to the provisions of Rule 11—Discontinuance and Restoration of Service for unauthorized use.

f. LARGE METERING INSTALLATIONS ON APPLICANT'S PREMISES. If it is necessary to have a large, specifically designed, PG&E-owned metering and related equipment installed on Applicant's Premises to serve Applicant, Applicant shall be responsible for complying with the following general provisions:

- 1) REQUIRED SPACE. Applicant shall provide space, including working space, on Applicant's Premises, at a location approved by PG&E, for a metering installation, including any necessary regulators, pipes and valves.

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D. RESPONSIBILITIES FOR NEW SERVICE EXTENSIONS (Cont'd.) (T)

1. APPLICANT RESPONSIBILITY. (Cont'd.)

f. LARGE METERING INSTALLATIONS ON CUSTOMER'S PREMISES.
 (Cont'd.)

2) ROOM OR VAULT. Where Applicant requests and PG&E approves the installation of the meter(s) or regulator(s) in a vault or room on Applicant's Premises, rather than PG&E's standard outdoor installation:

- a) The room or vault on Applicant's Premises shall be furnished, installed, owned, and maintained by customer, and shall meet PG&E's specifications for such things as access, ventilation, drainage, etc.
- b) If space cannot be provided on Applicant's Premises for the installation of a meter and regulator, a vault may be installed, at Applicant's expense, in the street area near property line. It shall be Applicant's responsibility to install such vault, if not restricted by the governmental authority having jurisdiction, and Applicant shall convey ownership of the vault to PG&E upon its acceptance. These additional facilities shall be treated as special facilities under the provisions of Rule 2.
- c) If PG&E's installed cost for the meter or regulator in the room or vault is more costly than the standard outdoor installation, the additional costs shall be paid by Applicant as special facilities.

g. BUILDING CODE REQUIREMENTS. Any service equipment and other service related equipment owned by Applicant, as well as any vault, room, enclosure, shall conform with applicable laws, codes, and ordinances of all governmental authorities having jurisdiction.

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D. RESPONSIBILITIES FOR NEW SERVICE FACILITIES (Cont'd.)

1. APPLICANT RESPONSIBILITY. (Cont'd.)

h. REASONABLE CARE. Applicant shall exercise reasonable care to prevent PG&E's Service Extension, meters and other facilities owned by PG&E on Applicant's Premises from being damaged or destroyed, and shall refrain from interfering with PG&E's operation of the facilities and shall notify PG&E of any obvious defect. Applicant may be required to provide and install suitable protection (barrier posts, etc.) as required by PG&E. (T)

2. PG&E RESPONSIBILITY

- a. INSTALL SERVICE FACILITIES. PG&E will furnish, install, own and maintain the Service Facilities, as applicable after Applicant meets all requirements to receive service.
- b. GOVERNMENT INSPECTION. PG&E will establish gas service to Applicant following notice from the governmental authority having jurisdiction that the customer-owned facilities have been installed and inspected in accordance with any applicable laws, codes, ordinances, rules, or regulations, and are safe to pressurize.

3. INSTALLATION OPTIONS.

- a. PG&E PERFORMED WORK. Where requested by Applicant and mutually agreed upon, PG&E may perform that portion of the new Service Extension work normally the responsibility of Applicant according to Section D.1, provided Applicant pays PG&E its total estimated installed cost.
- b. APPLICANT PERFORMED WORK. Applicant may elect to use competitive bidding to install that portion of the new Service Extension normally installed and owned by PG&E, in accordance with the same provisions outlined in Rule 15. (T)

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Sheet 11

E. ALLOWANCES AND PAYMENTS BY APPLICANT

1. **RESIDENTIAL ALLOWANCES.** The allowance for Distribution Main Extensions, Service Extensions, or combination thereof, for Permanent Residential Service is determined by PG&E in accordance with the provisions of Rule 15 Section C. The allowance will first be applied to the Service Facilities. Any excess allowance will be applied to the Distribution Main Extension, to which the service is connected, in accordance with Rule 15.
2. **NON-RESIDENTIAL ALLOWANCES.** For non-residential Service Extension Applicants the value of such items as connection fittings, service pipe, valves, regulators, and metering equipment, (but not including such items defined as Applicant responsibility as listed in Section D) will be treated in accordance with the allowance and refund provisions of Rule 15. (N)
(N)
3. **SEASONAL, INTERMITTENT, EMERGENCY AND INSIGNIFICANT LOADS.** When Applicant requests service that requires an extension to serve loads that are seasonal or intermittent, the allowances for such loads shall be determined by using the formula in Section C of Rule 15. No allowance will be provided where service is used only for emergency purposes, or for insignificant loads. (T)
4. **PAYMENTS.** Applicant is responsible to pay PG&E the following non-refundable costs, as applicable under this rule and in advance of PG&E commencing its work:
 - a. **EXCESS SERVICE FACILITIES.** PG&E estimated installed cost, including appurtenant facilities such as fittings, valves, service pipe, service regulators, and metering equipment, etc., in excess of the allowance.

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E. ALLOWANCES AND PAYMENTS BY APPLICANT (Cont'd.)

4. PAYMENTS (Cont'd.) (T)

- b. TAX. Any payments or contribution of facilities by Applicant are taxable Contributions in Aid of Construction (CIAC) and shall include an Income Tax Component of Contribution (ITCC) for state and federal tax at the rate provided in PG&E's Preliminary Statement.
- c. OTHER. PG&E's total estimated cost for any work it performs that is Applicant's responsibility, or performs for the convenience of Applicant.

5. REFUNDS. No refunds apply to the installation of Residential Service Facilities under this Rule. (N)
 (N)

F. EXISTING SERVICE FACILITIES

1. SERVICE REINFORCEMENT.

- a. PG&E-OWNED. When PG&E determines that its existing Service Facilities require replacement the existing Service Facilities shall be replaced as a new Service Extension under the provisions of this rule. (T)
 (T)

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F. EXISTING SERVICE FACILITIES (Cont'd.)

1. SERVICE REINFORCEMENT. (Cont'd.)

- b. APPLICANT OWNED. The Applicant shall replace or reinforce that portion of the Service Extension which the Applicant will continue to own under the provisions of this rule. (T)

2. SERVICE RELOCATION OR REARRANGEMENT.

- a. PG&E CONVENIENCE. When, in the judgment of PG&E, the relocation or rearrangement of a service is necessary for the maintenance of adequate service, or for the operating convenience of PG&E, PG&E normally will perform such work at its own expense, except as provided in Sections F.2.b, F.3 or F.4.
- b. APPLICANT CONVENIENCE. Any relocation or rearrangement of PG&E's existing Service Facilities, at the request of Applicant (aesthetics, building additions, remodeling, etc.) and agreed upon by PG&E, the work shall be performed in accordance with Section D, except that Applicant shall pay PG&E its total estimated costs.

In all instances, PG&E shall abandon or remove the existing facilities at the option of PG&E, rendered idle by the relocation, or rearrangement.

3. IMPAIRED ACCESS AND CLEARANCES. Whenever PG&E determines that:

- a. ACCESS. Its existing Service Facilities have become inaccessible for inspections, operating, maintenance, meter reading, or testing; or, (T)
- b. CLEARANCE. A hazardous condition exists, or any of the required clearances between the existing Service Facilities and any object become impaired, under any applicable laws, ordinances, rules, regulations of PG&E or of public authorities, then the following applies:

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F. EXISTING SERVICE FACILITIES (Cont'd.)

3. IMPAIRED ACCESS AND CLEARANCES. (Cont'd.)

c. CORRECTIVE ACTION. Applicant or owner shall, at Applicant's or owner's expense, either correct the access or clearance infractions, or pay PG&E its total estimated cost to relocate its facilities to a new location which is acceptable to PG&E. Applicant or owner shall also be responsible for the expense to relocate any equipment which Applicant owns and maintains. Failure to comply with corrective measures within a reasonable time may result in discontinuance of service.

4. DAMAGED FACILITIES. When PG&E's facilities are damaged by others, the repair will be made by PG&E at the expense of the party responsible for the damage. Applicants are responsible for repairing their own facilities. (T)

5. SUBDIVISION OF PREMISES. When PG&E's Service Facilities are located on private property, and such private property is subsequently subdivided into separate Premises, with ownership transferred to other than Applicant or customer, the subdivider is required to provide PG&E with adequate rights of way, satisfactory to PG&E, for its existing facilities, and to notify property owners of the subdivided Premises of the existence of the right-of-way.

When adequate rights-of-way are not granted as a result of the property subdivision, PG&E shall have the right, upon written notice to the current customer, to discontinue service without obligation or liability. The existing owner, Applicant or customer shall pay to PG&E the total estimated cost of any required relocation of PG&E's facilities. A new gas service will be re-established in accordance with the provisions of Section D for new services and the provisions of any other applicable PG&E rules.

G. PERIODIC REVIEW. PG&E will periodically review the factors it uses to determine its allowances and costs stated in this rule. If such review results in a change of more than five percent (5%), PG&E will submit a tariff revision proposal to the Commission for review and approval. Such proposed changes shall be submitted no sooner than six (6) months after the last revision. (L) (T) (L)

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H. EXCEPTIONAL CASES. When the application of this rule appears impractical or unjust to either party or the ratepayers, PG&E or Applicant may refer the matter to Public Utilities Commission for a special ruling or for the approval of special conditions which may be mutually agreed upon.

I. DEFINITIONS FOR RULE 16

APPLICANT: A person or agency requesting PG&E to supply Gas Service.

DISTRIBUTION MAIN: PG&E's gas facilities, which are operated at distribution pressure and which are designed to supply three (3) or more services. (T)

EXCAVATION: All necessary trenching, backfill, and other digging as required to install Service Extensions, including furnishing of any imported backfill material and disposal of spoil as required, surface repair and replacement, landscape repair and replacement. (T)

FRANCHISE AREA: Public streets, roads, highways, and other public ways and places where PG&E has a legal right to occupy under franchise agreements with governmental bodies having jurisdiction.

INSIGNIFICANT LOADS: These are small operating loads, such as log lighters, barbecues, outdoor lighting, etc.

INTERMITTENT LOADS: Loads which, in the opinion of PG&E, are subject to discontinuance for a time or at intervals.

PREMISES: All of the real property and apparatus employed in a single enterprise on a integral parcel of land undivided, excepting in the case of industrial, agricultural, oil field, resort enterprises, and public or quasi-public institutions, by a dedicated street, highway or other public thoroughfare or a railway. Automobile parking lots constituting a part of and adjacent to a single enterprise may be separated by an alley from the remainder of the premises served.

PROTECTIVE STRUCTURES: Fences, retaining walls (in lieu of grading), barriers, posts, barricades and other structures as required by PG&E.

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I. DEFINITIONS FOR RULE 16 (Cont'd.)

SEASONAL SERVICE: Gas service to establishments which are occupied seasonally or intermittently, such as seasonal resorts, cottages, or other part time establishments.

SERVICE DELIVERY POINT: Where PG&E's Service Facilities are connected to Applicant's pipe (house line), normally adjacent to the location of the meter(s). (T)

SERVICE EXTENSION: The pipe, valves, meters, regulators, and associated equipment extending from the point of connection at the Distribution Main to the Service Delivery Point, which is normally on Applicant's Premises. (T)

SUBSTRUCTURES: The surface and subsurface structures which are necessary to contain or support PG&E's gas facilities. This includes, but is not limited to, equipment vaults and boxes, required sleeves for street crossings, and enclosures, foundations or pads for surface-mounted equipment.

TRENCHING: See Excavation.