



26 Corte Madera Ave., Mill Valley, CA 94941
 Phone: (415) 388-4033

SIZING OF GAS PIPING SYSTEMS

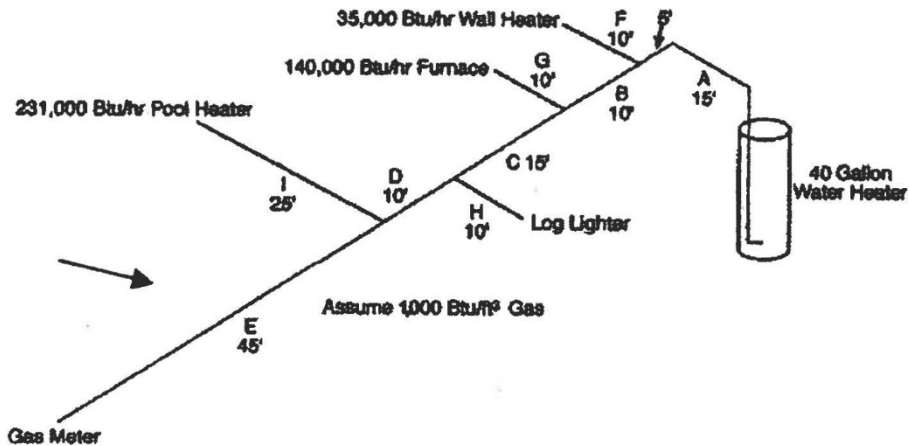
Creating Gas Line Schematics & Calculations

Sizing of Gas Piping Systems

The CPC requires gas piping to be sized to provide sufficient gas to meet the maximum load. The Plumbing and Mechanical codes contain all the required information needed. Please provide the Building Department with a Gas Pipe Sizing worksheet for your project. You must include the following:

A schematic drawing which shows the following:

- pipe material, iron pipe or CSST
- pipe size
- Lengths of pipe runs
- BTU demand for each appliance
- California Plumbing Code Table 12-8 and 12-19 are used In most areas. Note that CSST pipe can handle fewer BTU's than iron pipe of same diameter.



Using section "E" for example,

Sized for Iron Pipe

section	Col (feet)	1000 Btu/hr	size
E	100'	481	1 ½"

Sized for CSST

section	Col (feet)	1000 Btu/hr	size
E	100'	481	2"