



GAS SCHEMATIC

NOT TO SCALE

CUBIC FEET PER HOUR (CFH)

PIPE SIZE

NOTICE:

THE SCHEMATICS ARE ONLY AN ISOMETRIC REPRESENTATION SHOWING RELATIVE FIXTURE POSITIONING. THE ACTUAL LOCATION AND ROUTING OF PIPING MAY VARY. ANY CHANGE IN THE SEQUENCE OF FIXTURES THAT EFFECTS THE PIPING SIZE, MUST BE APPROVED BY THE BUILDING OFFICIAL.

CUSTOMERS FUEL LINE  
STOP AT THIS POINT.  
CITY WILL CONNECT

PIPE THRU WALL

CUSTOMERS FUEL LINE  
STOP AT THIS POINT.  
CITY WILL CONNECT

PIPE THRU GROUND

FACE OF WALL

10"

CUSTOMERS FUEL LINE

APPROPRIATE REGULATOR

18"

TEE W/ PLUG

GAS VALVE WITH LOCKING DEVICE

12"

PROTECTIVE SLEEVE

FINISHED GRADE

24" TO 30"

PLAN / PROFILE

FRONT OF HOUSE OR GARAGE

5'-MIN.

ELECTRIC SERVICE EQUIPMENT

18" MIN.

CUSTOMERS GAS PIPE

GAS METER

CITY GAS SERVICE RISER

FENCE OR WALL

ELECTRICAL SERVICE RISER

TYP. GAS METER & ELECTRIC PANEL LOCATION

TYP. PIPING FOR RESIDENTIAL GAS METER

GAS INFORMATION				
PER TABLE 12-1 U.P.C.				
APPLIANCE	BTU/H	CFH	NO. UNITS	TOTAL
BARBECUE	50,000	46	X 0	= 0
CLOTHES DRYER	35,000	32	X 1	= 32
RANGE	65,000	59	X 1	= 59
FIREPLACE	25,000	23	X 1	= 23
FURNACE	50,000	0	X 1	= 0
OVEN	25,000	23	X 0	= 0
WATER HEATER	50,000	46	X 1	= 46
OTHER OPT. . . . .				
				TOTAL CFH = 160

PIPE SIZE	90' REMOTE OUTLET	
1/2"	53	
3/4"	111	
1"	208	
1 1/4"	428	

PRESSURE RANGE = 20 PSI w/ 1.5 PSI DROP

52'-0" TO REMOTE OUTLET

175,000 TOTAL BTU PER HOUR

160 TOTAL CFH PER HOUR

PIPE MATERIAL PER UPC 1210.1

"ALL PIPE USED FOR THE INSTALLATION, EXTENSION, OR REPAIR OF ANY GAS PIPING SHALL BE STANDARD WEIGHT WROUGHT IRON OR STEEL (GALVANIZED OR BLACK) OR YELLOW BRASS (CONTAINING NOT MORE THAN SEVENTY-FIVE (75) PERCENT COPPER). APPROVED PE PIPE MAY BE USED IN EXTERIOR BURIED PIPING SYSTEMS."

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GAS PLUMBING PLAN

SHEET CONTENT:

PROJECT NO.: RH99-0722	
DRAWN BY: STEVE PREUSS	
DATE: 25 OCT 99	
REVISIONS	
Rev.	DATE:
1	
2	
3	
4	

PLAN

1967

SHEET

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