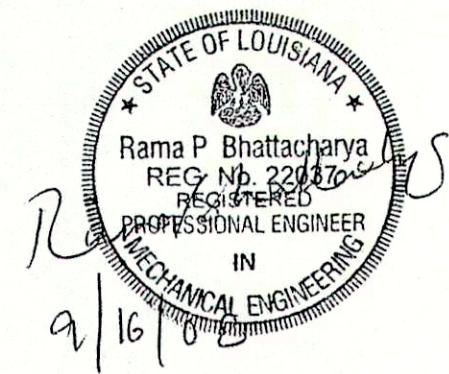


FIRST FLOOR GAS PLAN

SCALE: 1/8" = 1'-0"

GENERAL GAS NOTE:

1. THE INSTALLATION SHALL CONFORM TO THE 1999 EDITION OF THE STANDARD GAS CODE.
2. PLUMBER / CONTRACTOR TO OBTAIN STREET CUT AND UTILITY PERMITS FROM THE PARISH ENGINEERING OFFICE PRIOR TO PERFORMING WORK, AND AFTER THE ENGINEERING DRAWING WAS REVIEWED BY PARISH OFFICE.
3. THE MAIN PIPE SHALL BE METAL, SCHEDULE 40, WITH AN APPROPRIATE COATING AND COMPATIBLE WITH 306 SS ALLOY. THE SUPPLY PRESSURE LINE SHALL BE 1.0 INCHES IN DIAMETER, WITH THREADED AND CAULKED JOINTS, PROTECTED FROM EXTERNAL LOADS, INSTALLED PER STANDARD GAS CODE.
4. THE REGULATOR AND METER SHALL BE MOUNTED ON THE SIDE OF THE BUILDING, PROTECTED FROM TRAFFIC AND EASILY ACCESSIBLE.
5. FROM THE REGULATOR, A 1.0-INCH LINE SHALL BE RUN TO BOTH WATER HEATERS. EACH WATER HEATER SHALL HAVE ITS OWN 3/4" TIE-IN. SINCE THE HEATERS ARE EQUIPPED WITH A 1/2" CONNECTION, THE LAST PLUMBING FEATURE SHALL BE A REDUCER AND A CONNECTION NIPPLE.
6. EACH WATER HEATER REQUIRES APPROXIMATELY 275 CFM AT MAXIMUM LOADING CONDITION. THIS IS MET WITH THE INDIVIDUAL TIE-INS NOT EXCEEDING 10 FEET, PER TABLE 305.4A OF THE GAS CODE.
7. THE LINES SHALL BE EQUIPPED WITH A LOW POINT BLEED-OFF, AND SLOPED TO COLLECT MOISTURE IN ACCORDANCE WITH GOOD PRACTICE.
8. SYSTEM TO BE LEAK CHECKED DURING AND AFTER CONSTRUCTION, WITH BUBBLE LEAK TEST OR OTHER APPROVED METHOD.
9. EACH 7" DIA FLUE SHALL JOIN TO A 10" STACK AT THE BUILDING SIDE, AND THENCE EXTEND 4 FEET PAST THE ADJOINING ROOF LINE. STACK TO BE SECURELY BRACED TO WITHSTAND 30 POUNDS PER SQUARE FOOT WIND LOADING, WITH A 1/4" THICK, 1.5" METAL STRAP AND 1/4" MIN. DIA. ANCHOR BOLTS AT EVERY JOINT OR EVERY 10 FEET, AND AT THE ENDS.
10. THIS BUILDING CONTAINS 78 UNITS PER CODE, THE SUPPLY NEEDS TO BE SIZED TO PROVIDE ONLY 19 UNITS CONCURRENTLY WITH HOT WATER. THE 2 WATER HEATERS PRODUCE APPROXIMATELY 600 GALLONS/HOUR @ 100 DEGREE F TEMPERATURE RISE, OR 31 GALLONS PER UNIT.
11. WATER THERMOSTAT SHALL BE SET AT 135 DEGREE F OR CURRENT ADA CODE LIMIT, WHICHEVER IS LOWER, TO PREVENT SCALDING OR BURNING. (NOTE, THERE IS A HOT WATER CIRCULATION LOOP ON THIS SYSTEM) 12. PROVIDE MINIMUM 600 SQUARE INCHES OF VENTILATION ACCESS FOR THE MAKE-UP AIR USED FOR THIS SYSTEM.



I&H ACAD SERVICES, LLC
 (504) 884-2902
 GRETNA, LOUISIANA

78 ROOMS SLEEP-INN SUITES
 LOTS 4 AND 5 - ST. MARY PARISH
 2033 HIGHWAY US-90
 BERWICK, LOUISIANA



OWNER:
MR. BUI NGUYEN

TITLE
FIRST FLOOR GAS PLAN

DATE
 8/05/08

SHEET NUMBER
M-4
 SCALE: 1/4" = 1' FT