

TOTAL BLDG BTU:

EQUIPMENT:	BTU/HR:	EQUIP. TAP SIZE:
HZ-1	60000 BTU/H	3/4" ø
HZ-2	60000 BTU/H	3/4" ø
HZ-3	60000 BTU/H	3/4" ø
HZ-4	60000 BTU/H	3/4" ø
TOTAL BTU:	240000 BTU/H	
TOTAL CUBIC FEET OF GAS:	240 CF	
GAS SERVICE LINE FROM METER TO UNITS:	1 1/4" ø	

GAS SERVICE DESIGN CRITERIA:

CRITERIA:	ASSUMPTIONS:
GAS:	NATURAL
INLET PRESSURE:	0.50 PSI OR LESS
PRESSURE DROP:	0.5 INCH WC
SPECIFIC GRAVITY:	0.60
PIPE:	SCH 40 METALLIC PIPE
GAS MAIN:	MID PRESSURE (VERIFY)

COORD. W/ GAS COMPANY FOR EXISTING MAIN LINE CONDITIONS

HVAC EQUIPMENT SCHEDULE (GAS)

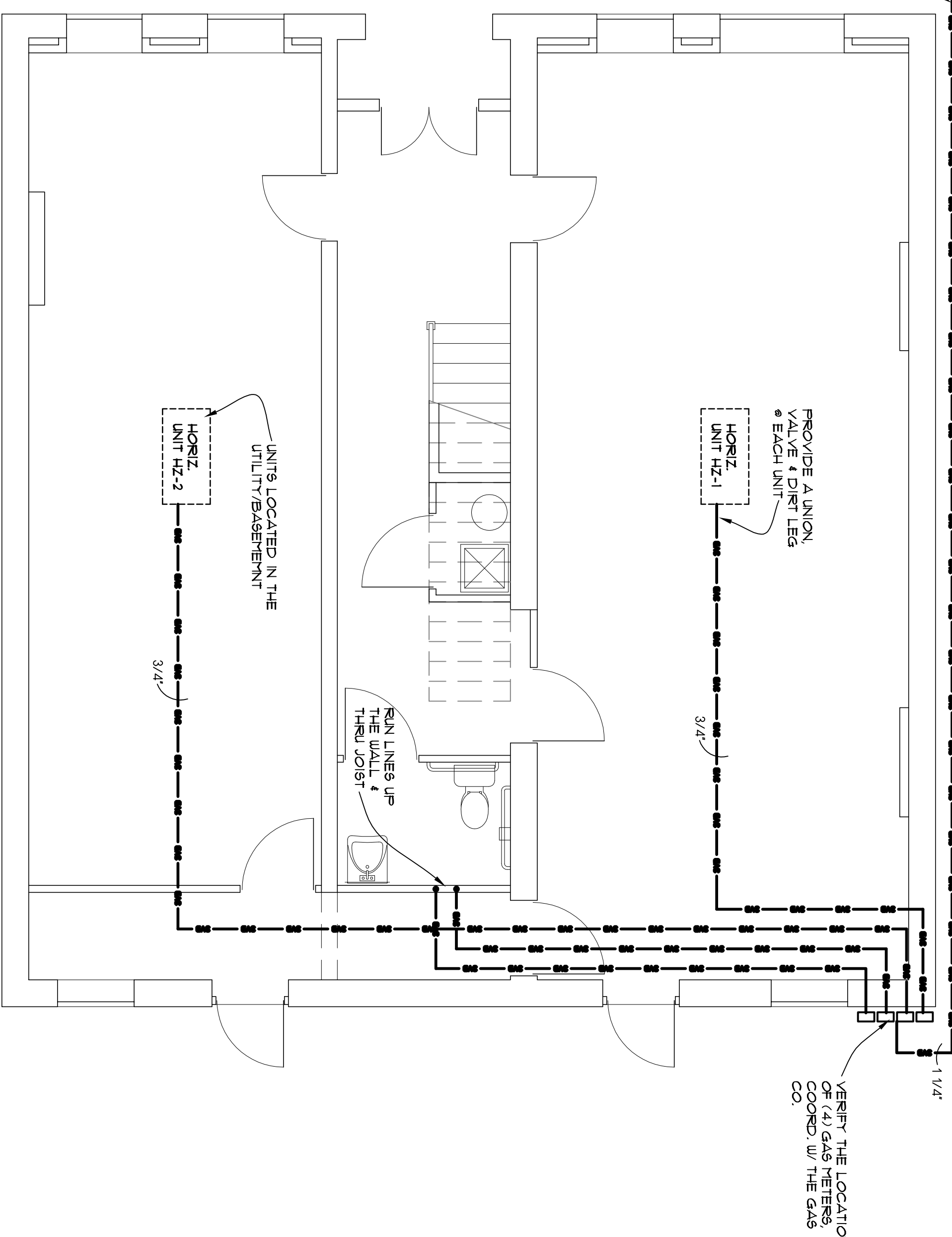
MARK	MANUFACTURER	QTY	BTU/HR	OPERATOR	ACCESSORIES/REMARKS
HZ	HORIZ UNIT - 2 TON	4	60000 EA	HOURS/ DAYS	THRS/ MF
					...

TOTAL BTUS OF GAS REQUIRED: 240,000 BTU/H
TOTAL CUBIC FEET OF GAS REQUIRED: 240 CUBIC FEET

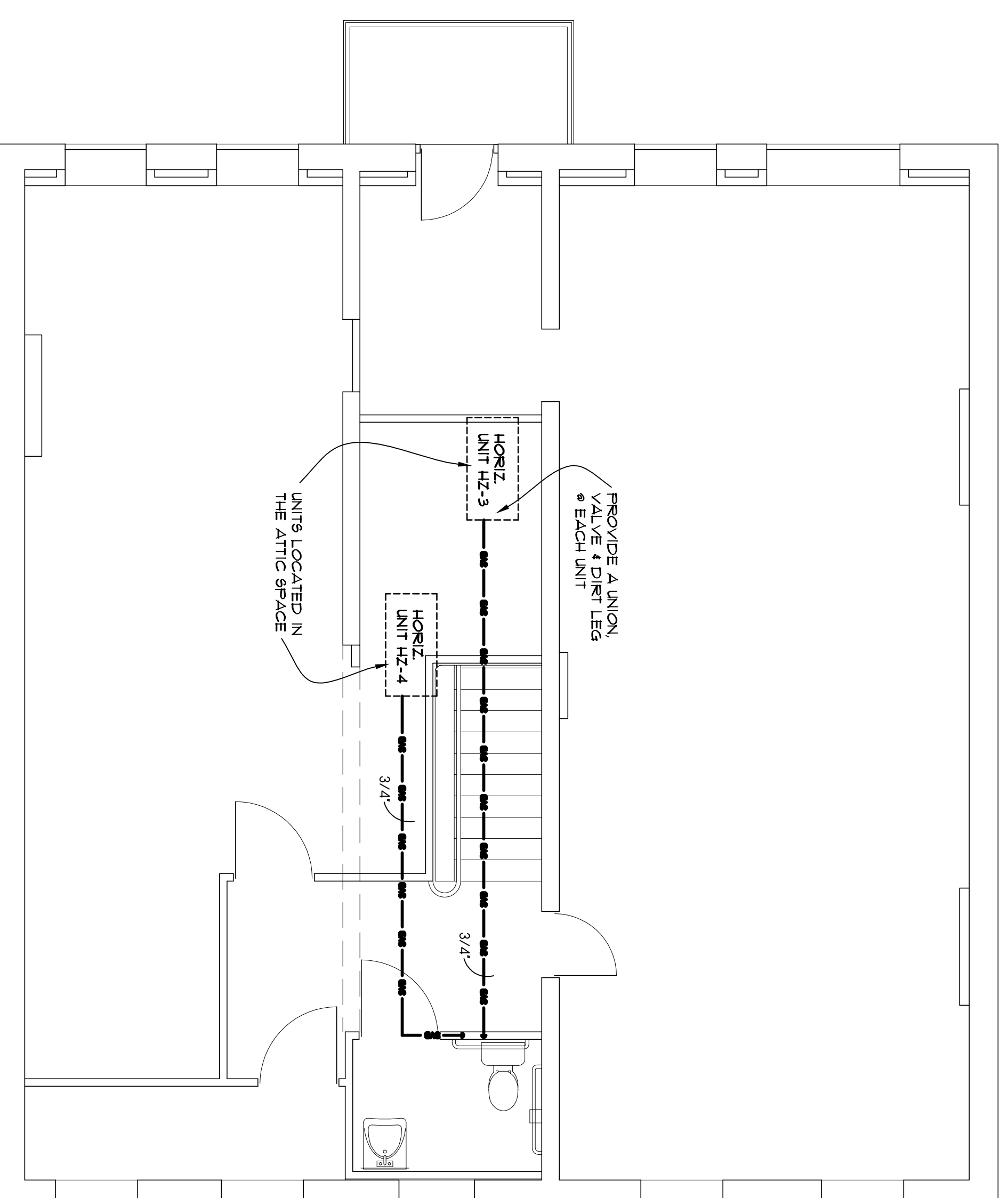
GAS PLUMBING NOTES

1. DRAWINGS ARE SCHEMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR FIELD COORDINATING & ROUTING OF ALL PIPING ETC. W/ RESPECT TO EXISTING CONDITIONS, NEW CONSTRUCTION, OTHER TRADES, ETC. CONTRACTOR IS RESPONSIBLE FOR PROVIDING & INSTALLING ALL OFFSETS, JOGS, TRANSITIONS, CORNER DRILLS, WALL CUTS, AND ALL OTHERS NECESSARY TO COMPLETE THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS OF ALL PIPING & EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS OF ALL PIPING & EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS OF ALL PIPING & EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS OF ALL PIPING & EQUIPMENT.
2. CONTRACTOR SHALL OBTAIN A COMPLETE SET OF PLANS & BE FAMILIAR W/ THE ENTIRE PROJECT IN ORDER TO UNDERSTAND THE COMPLETE SCOPE OF THE PROJECT.
3. INSTALLATION SHALL CONFORM TO THE ENERGY CODE FOR NEW COMMERCIAL BUILDINGS.
4. PRIOR TO COMMENCING WORK ON THIS PROJECT CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION & CONDITION OF ALL EXISTING UTILITIES IN FIELD BEFORE STARTING WORK. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED CONTRACTOR SHALL NOTIFY TENANT IMMEDIATELY.
5. CONTRACTOR SHALL COORDINATE INSTALLATION OF PIPING WORK W/ ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR TO REVIEW ARCHITECTURAL & EQUIPMENT SHEETS.
6. ALL PIPING WORK & MATERIALS SHALL BE INSTALLED IN ACCORDANCE W/ ALL APPLICABLE STATE & LOCAL ORDINANCES & REGULATIONS GOVERNING JURISDICTION CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS & APPROVALS FROM ALL AGENCIES BEFORE STARTING WORK. ALL PIPING WORK & MATERIALS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF THE LOCAL PLUMBING CODE UNLESS OTHERWISE SPECIFIED BY THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS OF ALL PIPING & EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS OF ALL PIPING & EQUIPMENT.
7. THE EQUIPMENT REQUIREMENTS AS SHOWN ARE BASED UPON AVAILABLE INFORMATION. HOWEVER, IN SOME INSTANCES THE TENANT OR SUPPLIER MAY SUBSTITUTE OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL ORIGINAL DIMENSIONS W/ THE TENANT PRIOR TO CONSTRUCTION FAILURE OF THE EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE TENANT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SUBSEQUENT RELOCATION DIRECTLY ON THE CONTRACTOR.
8. CONTRACTOR SHALL PROVIDE GAS PIPING TO UNITS & ALL FINAL CONNECTIONS REQUIRED FOR OPERATION. INTERIOR GAS PIPING CAN BE EITHER STEEL OR FLEXIBLE C95T W/ HARD PIPING & THE UNION, VALVE & DIRT LEG.
9. ALL EXTERIOR GAS PIPING SHALL BE BLACK IRON PIPING.
10. PROVIDE A LEVER HANDLE GAS SHUTOFF VALVE IN THE BRANCH PIPING OF EACH UNIT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE VALVE & DIRT LEG. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE IF GAS PRESSURE GREATER THAN 8" IS USED. DOWNSTREAM FROM THE METER.
11. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
12. THE PLUMBING CONTRACTOR SHALL VERIFY SIZE OF GAS LINES & EQUIPMENT GAS CONNECTIONS BEFORE INSTALLATION.
13. GAS - QUICK DISCONNECT ON ALL GAS LINES TO THE QUINER SUPPLIED EQUIPMENT.
14. THE INSTALLATION & MATERIALS FOR THE PIPING SYSTEM SHALL COMPLY W/ THE OHIO PLUMBING CODE.
15. PLUMBER TO VERIFY SIZE OF INCOMING GAS LINE & PRESSURE W/ GAS COMPANY & COORD. ANY & ALL CHANGES W/ THE TENANT.

VERIFY THE DISTANCE FROM THE GAS MAIN LINE. SIZE OF PIPE MAY CHANGE IF LESS THEN 200' AWAY

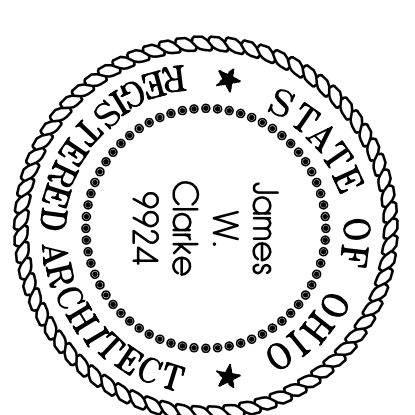


1
G1
 1/4" = 1'-0"
FIRST FLOOR GAS PLAN



2
G1
 1/4" = 1'-0"
SECOND FLOOR GAS PLAN

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DATE: **JULY 27, 2011**

REVISION DATES:

PROJECT:

OFFICE BUILDING
 94 N. SANDUSKY ST.
 DELAWARE, OHIO 43015

PROJECT NUMBER: CA20109

SHEET TITLE:

GAS PLAN/NOTES

SHEET NUMBER:

G1