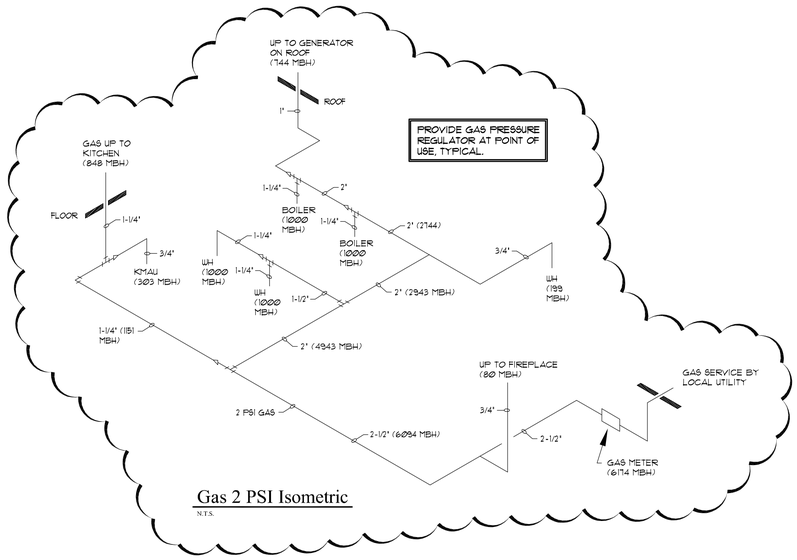


Gas 2 PSI Isometric

N.T.S.

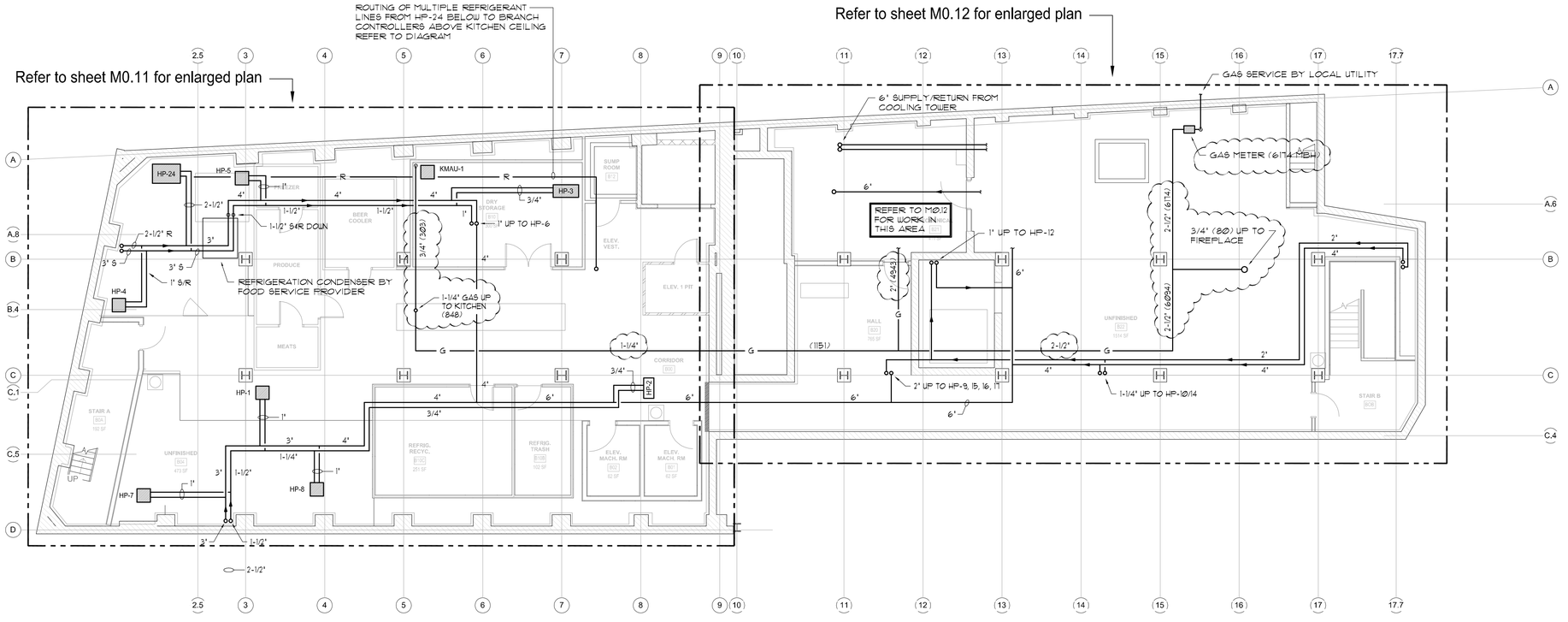
HVAC LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
HP-*	WATER SOURCE HEAT PUMP DESIGNATION	(***)	GAS LOAD IN MBH
CT	COOLING TOWER	MBH	BTU / HR x 1000
FSD	FIRE/SMOKE DAMPER	FD	FIRE DAMPER
OA	OUTSIDE AIR	T (IN CIRCLE)	THERMOSTAT
MAU	MAKE-UP AIR UNIT	S (IN CIRCLE)	SENSOR (REMOTE THERMOSTAT)
UNO	UNLESS NOTED OTHERWISE	TYP.	TYPICAL
EWH	ELECTRIC WALL HEATER	"HP-1" (TYP. ITEM)	THERMOSTAT / SENSOR FOR HP-1
EUH	ELECTRIC UNIT HEATER	EA.	EACH
ECH	ELECTRIC CEILING HEATER	W/	WITH
BBH	ELECTRIC BASEBOARD HEATER	M (IN SQUARE)	MOTORIZED DAMPER
HX	HEAT EXCHANGER	COMB.	COMBUSTION
P	PUMP	A.F.F.	ABOVE FINISHED FLOOR
F	FAN	ARCH	ARCHITECTURAL
G	GAS	MFRS	MANUFACTURER'S
CWS	CONDENSER WATER SUPPLY	STD.	STANDARD
CWR	CONDENSER WATER RETURN		
	FIRE DAMPER		FIRE/SMOKE DAMPER

GAS EQUIPMENT SCHEDULE

EQUIPMENT	MBH	QTY	TOTAL MBH
DISPLAY KITCHEN			
ITEM-16	788	1	788
ITEM-17	60	1	60
FIREPLACE	80	1	80
GENERATOR	744	1	744
HVAC			
BOILER-1	1000	1	1000
BOILER-2	1000	1	1000
KMAU-1	303	1	303
PLUMBING			
WATER HEATERS - DOMESTIC	1000	2	2000
WATER HEATER - KITCHEN	199	1	199
TOTALS			6,174

1. Provide dirt leg at gas meter
2. Provide a dirtleg, union and shut-off valve at each equipment connection
3. All exposed gas pipe shall be painted yellow
4. All gas piped shall be identified at 10 ft intervals with labels as manufactured by Seton
5. Provide a solenoid valve at 60" AFF in the gas line which serves each kitchen hood
6. Provide a full size gas header behind each kitchen battery
7. Provide a UL flex connector and shut-off valve at connection to each piece of kitchen equipment
8. Provide an equipment retaining cable equal Dormont at each piece of kitchen equipment
9. Refer to food service plans for additional information
10. Provide valved and capped gas line for connection by fireplace installer
11. Gas pressure shall be 2 PSI
12. Provide gas pressure regulator at point-of-use



SUB-BASEMENT PLAN - HVAC

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

Project North

E

S

W

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Revisions:

1	13_10-14	Issue for Bid & Marriott Revw
2	13_10-21	Addendum #2
3	13_10-31	Addendum #3

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

Date: 08 OCT 13

SUB-BASEMENT PLAN - HVAC

M0.10