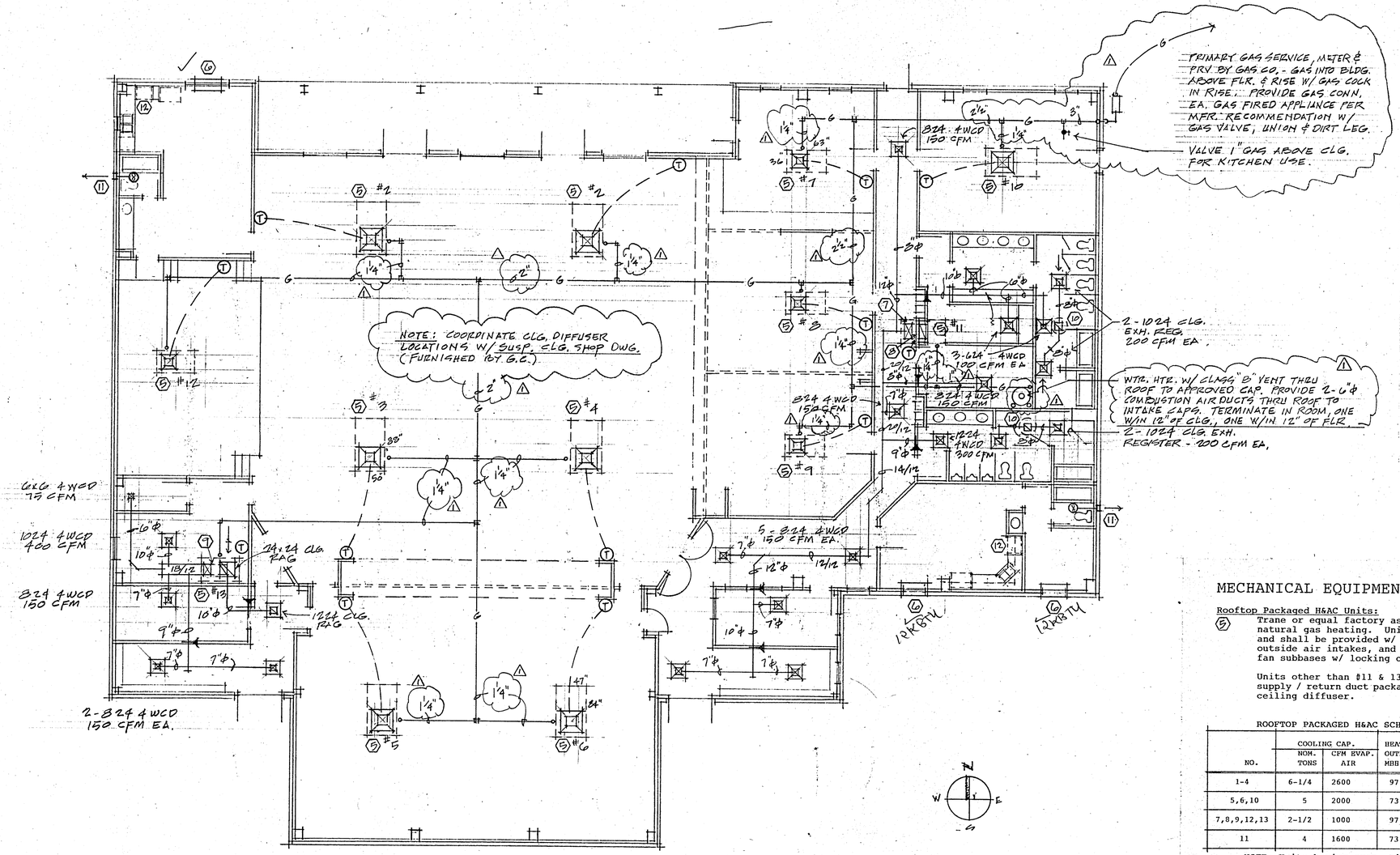
3 medium



KEYNOTES:

1. Underground gas service by Gas Co.
2. Gas meter and PRV by Gas Co. Concrete pad by G.C.
3. 3" gas into building above floor. Rise with gas cock in rise.
4. Provide gas connections at all gas fired appliances per mfr's. recommendations with union, gas cock and dirt leg.
5. Package H&AC unit mounted on roof with supply air and return air duct package to combination supply and return ceiling diffuser.
6. PTAC (Packaged Terminal AC).
7. 24" x 12" supply air and return air ducts to roof to package H&AC unit #11.
8. 24" x 24" low wall return air grille.
9. 18" x 12" supply air and return air ducts to roof to package H&AC unit #13.
10. 12" x 12" exhaust duct to roof to exhaust fan #1.
11. Ceiling exhaust fan, Broan or equal model, w/ 4" discharge duct to accessory wall cap. Switch fan with light.
12. Range vent-a-hood w/ exhaust to roof cap.

MECHANICAL EQUIPMENT SCHEDULE

Rooftop Packaged H&AC Units:

(5) Trane or equal factory assembled electric cooling w/ natural gas heating. Units shall be downflow application and shall be provided w/ accessory roof curbs, manual outside air intakes, and heat-off-cool thermostats w/ fan subbases w/ locking covers.

Units other than #11 & 13 shall be provided w/ accessory supply / return duct package and combination supply / return ceiling diffuser.

ROOFTOP PACKAGED H&AC SCHEDULE

NO.	COOLING CAP. NOM. TONS	COOLING CAP. CFM EVAP. AIR	HEAT OUTPUT MBH	ELECT.	UNIT MCA
1-4	6-1/4	2600	97	208/3ph	37.0
5,6,10	5	2000	73	208/3ph	31.0
7,8,9,12,13	2-1/2	1000	97	208/3ph	27.0
11	4	1600	73	208/3ph	28.0

NOTE: Units having evap. air capacity greater than 2000 cfm, and units serving entries and corridors shall be provided with return air smoke detectors for system shutdown per NFPA.

PTAC: Packaged Terminal HVAC unit, equal to McQuay Suite, 208/1ph complete w/ sub-base w/ elec. plug disconnect and architectural exterior louver. (6)

NO.	COOLING CAPACITY	ELECT. HEAT
1 & 2	12,000 BTU/hr	3 KW
3	7,000 BTU/hr	2 KW

Roof Mounted Exhaust Fans: Greenheck, or equal, aluminum centrifugal exhauster w/ B.D. birdscreen, elect. disconnect and roof curbs. 120V, Nom. 1140 RPM.

NO.	CFM	E.S.P.
1 & 2	400	0.30

2 Detail on Kitchen Appliances See Rooftop

Auto Fan Shutdown Smoke Detector in HVAC Return — All Condensate Drain must be pipe to Sanitary Drain — No Returns in Corridors

All Mech. must be Applicable SBCCI Codes

SEE SHT. A-1 FOR FIRERATED WALLS

FLOOR PLAN
MECHANICAL 1/8" = 1'-0"

4-6-98

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