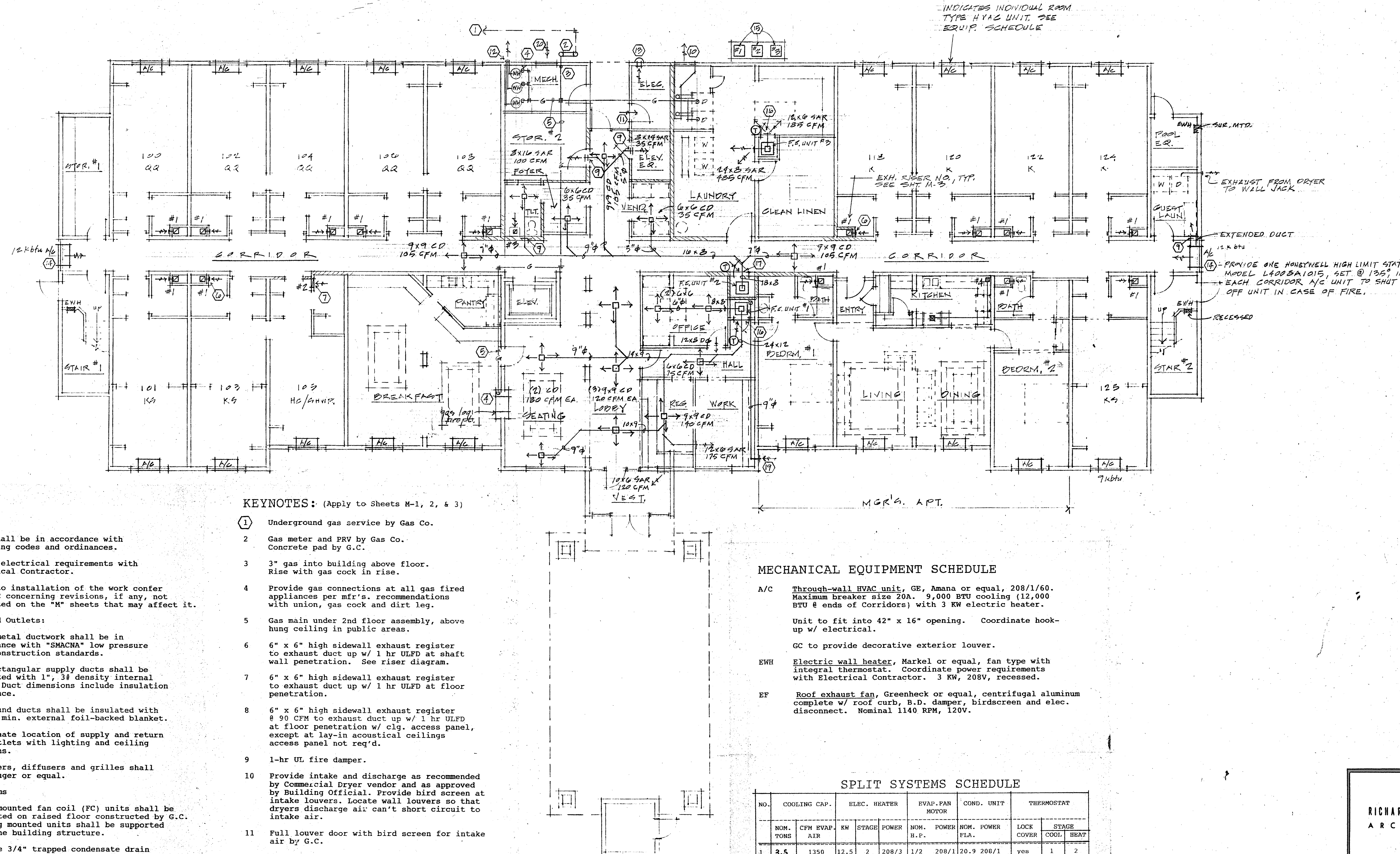

NOTES:

1. General:

   A. Work shall be in accordance with governing codes and ordinances.

   B. Verify electrical requirements with Electrical Contractor.

   C. Prior to installation of the work confer with GC concerning revisions, if any, not indicated on the "M" sheets that may affect it.

2. Ductwork and Outlets:

   A. Sheet metal ductwork shall be in accordance with "SMACNA" low pressure duct construction standards.

   B. All rectangular supply ducts shall be insulated with 1", 3# density internal liner. Duct dimensions include insulation allowance.

   C. All round ducts shall be insulated with 1-1/2" min. external foil-backed blanket.

   D. Coordinate location of supply and return air outlets with lighting and ceiling patterns.

   E. Registers, diffusers and grilles shall be Kreuger or equal.

3. Split Systems

   A. Floor mounted fan coil (FC) units shall be supported on raised floor constructed by G.C. Ceiling mounted units shall be supported from the building structure.

   B. Provide 3/4" trapped condensate drain at each FC unit to drain by Plumber. Coordinate with Plumber.

   C. Provide refrigerant piping via walls and furred ceilings from condensing units to FC units sized and installed per equip. mfr's. recommendations.

4. See Sht. A-1 For "Firestop Systems Schedule" (penetrations thru fire-rated walls & floors).

KEYNOTES: (Apply to Sheets M-1, 2, & 3)

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. Gas main under 2nd floor assembly, above hung ceiling in public areas.
6. 6" x 6" high sidewall exhaust register to exhaust duct up w/ 1 hr ULFD at shaft wall penetration. See riser diagram.
7. 6" x 6" high sidewall exhaust register to exhaust duct up w/ 1 hr ULFD at floor penetration.
8. 6" x 6" high sidewall exhaust register @ 90 CFM to exhaust duct up w/ 1 hr ULFD at floor penetration w/ clg. access panel, except at lay-in acoustical ceilings access panel not req'd.
9. 1-hr UL fire damper.
10. Provide intake and discharge as recommended by Commercial Dryer vendor and as approved by Building Official. Provide bird screen at intake louvers. Locate wall louvers so that dryers discharge air can't short circuit to intake air.
11. Full louver door with bird screen for intake air by G.C.
12. 3" horizontal PVC thru-wall vent each water heater.
13. Exhaust fan with thermostat. Energize at 80 deg. F. 150 CFM @ 0.10" S.P., 120 V.
14. ~~Corridor A/C unit to be permanently set on fresh (make-up) air ventilation.~~ see flr. plan.
15. Condensing unit. Concrete pad by G.C.
16. 24" x 12" return air grille into raised floor.
17. 30" x 20" return air grille into raised floor.
18.
19. 12" x 6" high wall storm type fresh air louver w/ birdscreen w/ 6" dia. F.A. duct to F.C.U. raised floor w/ manual damper.
20. 2 - 36" x 16" combustion air louvers with bird screen; 1 high, 1 low within 12" of clg. and flr.

MECHANICAL EQUIPMENT SCHEDULE

A/C — Through-wall HVAC unit, GE, Amana or equal, 208/1/60. Maximum breaker size 20A. 9,000 BTU cooling (12,000 BTU @ ends of Corridors) with 3 KW electric heater.

Unit to fit into 42" x 16" opening. Coordinate hook-up w/ electrical.

GC to provide decorative exterior louver.

EWH — Electric wall heater, Markel or equal, fan type with integral thermostat. Coordinate power requirements with Electrical Contractor. 3 KW, 208V, recessed.

EF — Roof exhaust fan, Greenheck or equal, centrifugal aluminum complete w/ roof curb, B.D. damper, birdscreen and elec. disconnect. Nominal 1140 RPM, 120V.

SPLIT SYSTEMS SCHEDULE

NO.	COOLING CAP.		ELEC. HEATER			EVAP. FAN MOTOR		COND. UNIT		THERMOSTAT		
	NOM. TONS	CFM EVAP. AIR	KW	STAGE	POWER	NOM. H.P.	POWER	NOM. FLA.	POWER	LOCK COVER	STAGE COOL	STAGE HEAT
1	3.5	1350	12.5	2	208/3	1/2	208/1	20.9	208/1	yes	1	2
2	1	550	4.8	1	208/1	1/4	208/1	8.5	208/1	yes	1	1
3	2	800	4.8	1	208/1	1/4	208/1	12.9	208/1	yes	1	1

NOTE: Fan coil units with electrical heat shall have single source electrical connection.

Coordinate AC electrical requirements w/ Elec. Contr.

RICHARD MOLENAAR
ARCHITECT

DAYS INN

PEARL, MS

GROUND FLOOR PLAN

1/8" = 1'-0"

97006

3-25-99

M-1